

Planeboreaphilus

[1 species; Palaearctic Region]

Planeboreaphilus Shibata, 1970: 58 (species included: *coriaceoides*). **TYPE SPECIES:** *Planeboreaphilus coriaceoides* Shibata, fixed by original designation and monotypy.

- Shibata, 1976: 126 (checklist of species of Japan).
- Campbell, 1978a: 26 (synonym of *Coryphium*).
- Watanabe, 1988: 46 (synonym of *Coryphium*).
- Watanabe, 1990: 355 (cited as *Plaeboreaphilus*; synonym of *Coryphium*).
- Zerche, 1990: 84 (characters; cited as valid genus; species of Palaearctic region; character analysis; phylogenetic relationships).

coriaceoides Shibata, 1970: 59 (*Planeboreaphilus*; Type locality: Japan: Yamanashi Pref.: near Hirogawara, 2400 m. alt., South Alps).

- Campbell, 1978a: 26 (*Coryphium*; [**Note:** Not explicitly transferred by Campbell but done so implicitly because it is the type species of *Planeboreaphilus* which he synonymized with *Coryphium*]).
- Watanabe, 1988: 60 (*Coryphium*; characters; Japan).
- Watanabe, 1990: 369 (*Coryphium*; characters; Japan).
- Zerche, 1990: 85 (*Planeboreaphilus*; characters; Japan).

▲ **DISTRIBUTION:** Japan.

Platycoryphium

[1 species; Palaearctic Region]

Platycoryphium Zerche, 1990: 26 (species included: *parvulum*). **TYPE SPECIES:** *Coryphium parvulum* Poppius, fixed by original designation and monotypy.

parvulum Poppius, 1904: 107 (*Coryphium*; Type locality: Lena-Gebiet in Nordost-Sibirien: Aldan-Mündung).

- Poppius, 1909: 6 (*Coryphium*; Lena Valley, Siberia).
- Bernhauer and Schubert, 1910: 84 (*Coryphium*; catalog).
- Tikhomirova, 1973a: 141 (*Coryphium*; species uncertain; checklist; northern Siberia).
- Zerche, 1990: 27 (*Platycoryphium*; characters; Russia).
- Ryabukhin, 1999: 32 (*Platycoryphium*; catalog; habitat; distribution; northeastern Russia).

▲ **DISTRIBUTION:** Russia.

Pseudohaida

[1 species; Nearctic Region]

Pseudohaida Hatch, 1957: 51, 73 (species included: *rothi*, *ingrata*). **TYPE SPECIES:** *Pseudohaida rothi* Hatch, fixed by original designation.

- Moore and Legner, 1975: 213 (catalog; North America north of Mexico).
- Campbell, 1978: 3, 9 (moved to Anthophagini; key to species; characters).
- Moore and Legner, 1979: 167 (characters; notes).
- Zerche, 1990: 250, 261 (character discussion; removal from Coryphiini by Campbell, 1978, unjustified).
- Newton, Thayer, Ashe, and Chandler, 2000: 341 (1 Nearctic species; notes; characters in key).

ingrata Hatch, 1957, see: *Subhaida*.

rothi Hatch, 1957: 74 (*Pseudohaida*; Type locality: Oregon: Corvallis, watershed).

- Campbell, 1978: 10 (*Pseudohaida*; characters; Oregon).
- Campbell and Winchester, 1993: 83 (*Pseudohaida*; British Columbia).

▲ **DISTRIBUTION:** Canada, USA.

Subhaida

[7 species; Nearctic Region]

Subhaida Hatch, 1957: 52, 74 (species included: *rainieri*). **TYPE SPECIES:** *Subhaida rainieri* Hatch, fixed by original designation and monotypy.

- Moore and Legner, 1975: 215 (catalog; North America north of Mexico).
 - Campbell, 1978a: 24, 39 (key to species; characters; notes).
 - Moore and Legner, 1979: 168 (characters; notes).
 - Zerche, 1900: 20 (characters discussed).
 - Campbell and Davies, 1991: 89 (checklist of species; Alaska and Canada).
 - Newton, Thayer, Ashe, and Chandler, 2000: 342 (7 Nearctic species; notes; characters in key).
- aptera** Campbell, 1978a: 44 (*Subhaida*; Type locality: Colorado: Delta Co.: 16 mi. N. Cedaredge, 6 mi. E. Hwy 65, nr. Peak Reservoir, 10,000 ft.).
 ▲ **DISTRIBUTION:** USA.
- californica** Campbell, 1978a: 42 (*Subhaida*; Type locality: California: Mono Co.: 6 miles SW Toms Place, 9000 ft.).
 ▲ **DISTRIBUTION:** USA.
- ingrata** Hatch, 1957: 74 (*Pseudohaida*; Type locality: Oregon: Corvallis, watershed. Also cited from British Columbia).
 — Campbell, 1978a: 46 (*Subhaida*; characters; Alberta; British Columbia; Alaska; California; Oregon; Washington).
 ▲ **DISTRIBUTION:** Canada, USA.
- monticola** Campbell, 1978a: 45 (*Subhaida*; Type locality: Alberta: Consolation Lk., Banff Nat. Pk., 64–7000 ft.).
 ▲ **DISTRIBUTION:** Canada.
- rainieri** Hatch, 1957: 74 (*Subhaida*; Type locality: Washington: Mt. Rainier, Paradise Park, 6000 ft.).
 — Campbell, 1978a: 40 (*Subhaida*; characters; Oregon; Washington).
 ▲ **DISTRIBUTION:** USA.
- sinuata** Campbell, 1978a: 49 (*Subhaida*; Type locality: Oregon: Klamath Co.: 9 mi. NE Bly, Deming Creek, 5000–5800 ft. Also cited from California).
 ▲ **DISTRIBUTION:** USA.
- utahensis** Campbell, 1978a: 48 (*Subhaida*; Type locality: Utah: Cache Co.: Logan Canyon).
 ▲ **DISTRIBUTION:** USA.

Tribe Eusphalerini

- Eusphalerini Hatch, 1957: 82 (genera included: *Eusphalerum*, *Onibathum*). **TYPE GENUS:** *Eusphalerum* (see Newton and Thayer, 1992: 58).
- Arnett, 1963: 242, 261 (key to North American genera; characters; list of North American genera).
 - Moore and Legner, 1979: 170 (characters).
 - Muona, 1979: 17 (list of Scandinavian species).
 - Watanabe, 1990: 179, 377 (characters; key to genera of Japan; relationships of genera).
 - Newton and Thayer, 1992: 58 (tribe of Omaliinae).
 - Newton and Thayer, 1995: 247–286, 294 (phylogenetic relationships; characters; includes only *Eusphalerum*).
 - M. Hansen, 1996: 94 (list of Danish species).
 - Newton, Thayer, Ashe, and Chandler, 2000: 338 (characters).
- Anthobiates Mulsant and Rey, 1880: 290 (genera included: *Eusphalerum*, *Anthobium*).
TYPE GENUS: *Anthobium* (misidentification; see Newton and Thayer, 1992: 58).
 — Newton and Thayer, 1992: 58 (synonym of Eusphalerini).
- Anthobiini Portevin, 1929: 450 (genera included: *Anthobium*). **TYPE GENUS:** *Anthobium* (misidentification; see Newton and Thayer, 1992: 58).
 — Joy, 1932: 95 (key to British genera).
 — Outerelo and Gamarra, 1985: 85 (key to genera of Iberian Peninsula).
 — Newton and Thayer, 1992: 58 (synonym of Eusphalerini).

Eusphalerum

[227 species; Nearctic, Palaearctic, and Oriental Regions]

Eusphalerum Kraatz, 1857d: 1003 (species included: *triviale*; *oblitum* doubtfully included).**TYPE SPECIES:** *Anthobium triviale* Erichson, fixed by monotypy.

- Erichson, 1839a: 637 (characters; [**Note:** Misidentified as *Anthobium* according to Blackwelder, 1952: 56]).
- Erichson, 1840: 890 (characters; [**Note:** Misidentified as *Anthobium* according to Blackwelder, 1952: 56]).
- Schaum, 1852: 30 (cited as *Anthobium*; list of species; Europe).
- Fairmaire and Laboulbène, 1856: 646 (misidentified as *Anthobium*; characters).
- Gistel, 1856: 267, 390 (list of species; cited as *Anthobium*).
- Redtenbacher, 1857: 254 (misidentified as *Anthobium*; characters; key to Austrian species).
- Redtenbacher, 1857: 995 (characters).
- G. Waterhouse, 1858: 32 (catalog of British species).
- Schaum, 1859: 32 (catalog; European species).
- Jacquelin du Val, 1868: 81 (catalog; European species).
- LeConte, 1861a: 70 (cited as *Anthobium*; characters).
- Gredler, 1863: 125 (list of species from Tirol).
- LeConte, 1863: 26 (cited as *Anthobium*; list of North American species).
- Wencker and Silbermann, 1866: 36 (list of species; collecting notes; France).
- Wencker and Silbermann, 1866: 37 (cited as *Anthobium*; list of species; collecting notes; France).
- Gemminger and Harold, 1868: 668 (catalog).
- Gemminger and Harold, 1868: 669 (catalog; cited as *Anthobium*).
- Fauvel, 1871a: 60 [= 1872: 34] (characters; key to species).
- Sharp, 1871d: 14 (list of British species; cited both as *Eusphalerum* and *Anthobium*).
- Redtenbacher, 1874: 278 (characters).
- Fauvel, 1875a: III [= 1875b: 205] (synonym of *Anthobium*).
- Fauvel, 1878d: 198 [= 1878e: 34] (cited as *Anthobium*; key to North American species).
- Mulsant and Rey, 1880: 290 (characters; cited as *Anthobium*; key to French species).
- Heyden, 1880: 83 (cited as *Anthobium*; list of species of Siberian region).
- Duvivier, 1883: 200 (catalog; cited as *Anthobium* and *Eusphalerum*).
- Fowler, 1888: 424 (notes).
- Heyden, Reitter, and Weise, 1891: 121 (cited as *Anthobium*; list of species of Europe and Caucasus).
- Casey, 1894: 426 (cited as *Anthobium*; notes; key to some North American species).
- Seidlitz, 1891: 346 (cited as *Anthobium* with *Eusphalerum* as subgenus; key to some European species).
- Seidlitz, 1891a: 368 (cited as *Anthobium* with *Eusphalerum* as subgenus; key to some European species).
- Heyden, 1893: 49 (cited as *Anthobium*; list of species of Siberian region).
- Ganglbauer, 1895: 745 (cited as *Anthobium*; characters; key to middle European species).
- Fauvel, 1897d: 243 (catalog of species of Barbary; cited as *Anthobium*).
- Heyden, Reitter, and Weise, 1906: 128 (cited as *Anthobium*; list of species of Europe and Caucasus).
- Sainte-Claire Deville, 1907: 21 (characters; key to species of Seine Basin, France).
- Reitter, 1909: 195 (cited as *Anthobium*; characters; key to German species).
- Bernhauer and Schubert, 1910: 37 (world catalog; cited as *Anthobium* with *Eusphalerum* as subgenus; 95 species).
- Blatchley, 1910: 481 (characters; cited as *Anthobium*).
- Petri, 1912: 51 (cited as *Anthobium*; list of species of Siebenbürgen).
- Johansen, 1914: 621 (characters; cited as *Anthobium*; key to Danish species).
- Winkler, 1925: 326 (catalog for Palaearctic region; cited as *Anthobium*).
- Cameron, 1925: 10 (catalog of Indian species; cited as *Anthobium*).
- Porta, 1926: 12 (cited as *Anthobium*; characters; key to species of Italy).
- Portevin, 1929: 450 (cited as *Anthobium*; characters; key to French species).

- Cameron, 1930: 134 (cited as *Anthobium*; characters; key to British Indian species).
- Joy, 1932: 96 (cited as *Anthobium*; key to British species).
- Joy, 1932: 103 (key to British species).
- Scheerpeltz, 1933: 1032 (synonym of *Anthobium*).
- Normand, 1935: 357 (cited as *Anthobium*; list of species of Tunisia).
- C. Koch, 1938a: 324 (cited as *Anthobium*; key to European species).
- Tottenham, 1939d: 225 (*Eusphalerum* misidentified as *Anthobium* by previous authors).
- Kloet and Hincks, 1945: 160 (list of British species; cited with *Anthobium* of authors as synonym; type species: *primulae*).
- Palm, 1948: 56 (cited as *Anthobium*; characters; key to species of Sweden).
- Tottenham, 1949: 354, 405 (type species: *primulae* Stephens = *triviale* Erichson; list of British species; notes; *Anthobium* of authors is synonym).
- Tottenham, 1954: 18 (characters; key to British species).
- Hatch, 1957: 52, 82 (characters; key to species of Pacific Northwest).
- Freude, 1957: 102 (cited as *Anthobium*; key to some species of Germany).
- Kocher, 1958: 93 (cited as *Anthobium*; checklist of species; Morocco).
- Coiffait, 1959c (subgeneric and species group classification; key to species of France and nearby regions; list of species).
- Ferreira, 1962a: 9 (cited as *Anthobium*; list of Portuguese species).
- Horion, 1963: 32 (cited as *Anthobium*; list of central European species).
- Székessy, 1963: 12 (cited as *Anthobium*; characters).
- Lohse, 1964: 29 (characters; key to central European species).
- Scheerpeltz, 1968a: 5 (cited as *Anthobium*; catalog of Austrian species).
- Steel, 1970a: 8 (larval characters; biological notes).
- Shibata, 1973c: 28 (checklist of species of Taiwan).
- Tikhomirova, 1973a: 137 (checklist of species of USSR).
- Moore and Legner, 1975: 190 (catalog; North America north of Mexico).
- Scheerpeltz, 1976a: 99 (cited as *Anthobium*; key to species of Himalayan region).
- Shibata, 1976: 98 (checklist of species of Japan).
- Pope, 1977: 23 (list of British species).
- Klinger and Maschwitz, 1977: 402 (morphology and chemical secretions of defensive glands).
- Topp, 1978: 309 (larval characters).
- Burakowski, Mroczkowski, and Stefańska, 1979: 16 (catalog; Poland).
- Moore and Legner, 1979: 170 (characters; notes).
- Muona, 1979: 17 (list of Scandinavian species).
- Uhlig, 1979: 242 (some species collected in Germany).
- Klinger, 1980 (comparative morphology of abdominal defensive gland and discussion of subgeneric classification).
- Uhlig, Vogel, and Sieber, 1980: 240 (some species collected in Germany).
- Spahr, 1981: 94 (references to specimens from amber and copal).
- Uhlig and Vogler, 1981: 84 (list of some species collected in Germany; habitat and collecting notes).
- Zanetti, 1982 (revision of subgenera and species Italy and central Europe; discussion of female genitalic characters).
- Tóth, 1982: 35 (characters; habitus; key to species of Hungary).
- Klinger, 1983 (natural history notes; Germany).
- Muona and Viramo, 1986: 15 (list of species of northeastern Finland).
- Segers, 1986: 18 (checklist of species; Belgium).
- Dettner, 1987: 28 (defensive glands).
- Zanetti, 1987: 46 (characters; habitus; species group classification; key to species of Italy in English and Italian).
- Lohse and Lucht, 1989: 123 (supplement for key to species of Lohse, 1964).
- Watanabe, 1990: 179 (characters; key to species of Japan).
- Dettner and Reissenweber, 1991 (defensive secretions: chemistry and systematics).
- Angelini, 1991: 191 (list of species from high elevations of Calabria, Italy).
- M. Hansen, Kristensen, Mahler, Pedersen, 1991: 106 (list of Danish species).

- Zanetti, 1991: 291 (key to species of Soviet central Asia).
- Campbell and Davies, 1991: 87 (checklist of species; Alaska and Canada).
- Silfverberg, 1992: 21 (list of species of Fennoscandia, Denmark, and the Baltic States).
- Zanetti, 1993 (key to species of Caucasus, Turkey, Iran, and Lebanon; new species; synonyms; catalog).
- Siitonen, 1993: 230 (list of Finnish species).
- Welch, 1993 (ovariole structure and development).
- Boháč, 1993: 40 (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: 5 (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: 438 (characters; key to species of Northeastern North America).
- M. Hansen, Palm, Pedersen, and Runge, 1998: 70 (list of species collected in 1997; Denmark).
- Zanetti, 1998: 154 (key to species from Taiwan).
- Assing, Frisch, Kahlen, et al., 1998: 121 (supplement to key for species in Lohse, 1964).
- Newton, Thayer, Ashe, and Chandler, 2000: 338 (27 Nearctic species; notes; characters in key).
- Naomi, Kuranishi, Saito, and Maruyama, 2000: 102 (collected from Kamchatka).

Abinothum Tottenham, 1939d: 225 (proposed for “*Anthobium* pars sensu Kraatz”; subgenus of *Eusphalerum*). **TYPE SPECIES:** *Anthobium longipenne* Erichson, by original designation and monotypy.

- Blackwelder, 1952: 32 (type species: *longipenne*).
- Zanetti, 1982: 98 (synonym of *Eusphalerum*).
- Zanetti, 1987: 56 (synonym of *Eusphalerum*).
- Boháč, 1993: 40 (subgenus of *Eusphalerum*).

Onibathum Tottenham, 1939d: 225 (proposed for “*Anthobium* pars sensu Kraatz”; subgenus of *Eusphalerum*). **TYPE SPECIES:** *Silpha minutum* Fabricius, by original designation.

- Tottenham, 1949: 354, 405 (type species: *minutum* Fabricius; list of British species; subgenus of *Eusphalerum*).
- Blackwelder, 1952: 275 (type species: *minutum*).
- Hatch, 1957: 82 (subgenus of *Eusphalerum*; characters; key to species of Pacific Northwest).
- Zanetti, 1982: 98 (synonym of *Eusphalerum*).
- Zanetti, 1987: 56 (synonym of *Eusphalerum*).

Pareusphalerum Coiffait, 1959c: 216, 248 (subgenus of *Eusphalerum*; species included: *viertli*, *atrum*, *florale*). **TYPE SPECIES:** *Omalium atrum* Heer, fixed by original designation.

- Zanetti, 1982: 99 (subgenus of *Eusphalerum*).
- Zanetti, 1987: 50, 152 (subgenus of *Eusphalerum*; characters; key to species of Italy).
- Zanetti, 1993: 260 (*Eusphalerum*; subgenus of *Eusphalerum*; characters).
- Boháč, 1993: 40 (subgenus of *Eusphalerum*).
- Assing, Frisch, Kahlen, et al., 1998: 122 (subgenus of *Eusphalerum*; characters).

abdominale Gravenhorst, 1806, see: *semicoleoptratum* Panzer, 1795.

adultum Kiesenwetter, 1851, see: *torquatum* Marsham, 1802.

adustum Heer, 1839, see: *limbatum* Erichson, 1840.

adustum Kiesenwetter, 1851, see: *torquatum* Marsham, 1802.

aetolicum Kraatz, 1858b: 129 (*Anthobium*; Type locality: Griechenland: Ätolische Alpen).

- Bernhauer and Schubert, 1910: 38 (*Anthobium*; catalog; Dalmatia; Greece; Hercegovina; Austria).
- Scheerpeltz, 1933: 1032 (*Anthobium*; catalog; Caucasus).
- Tikhomirova, 1973a: 137 (*Eusphalerum*; subgenus *Abinotum*; Caucasus).

▲ **DISTRIBUTION:** Greece, Bosnia Hercegovina, Caucasus.

afghanicum Herman, 2001: 36 (*Eusphalerum*; replacement name for *nuristanicum* Coiffait).

▲ **DISTRIBUTION:** Afghanistan.

nuristanicum Coiffait, 1982b: 77 (*Eusphalerum*; subgenus *Eusphalerum*; [preoccupied];
Type locality: Afghanistan: Nouristan, Kamdesch, 2000 m).

— Herman, 2001: 36 (*Eusphalerum*; synonym of *afghanicum*).

africanum Roubal, 1915, see: *luteicorne* Erichson, 1840.

akikoe Watanabe, 1999: 263 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: China:
Guangxi Province: Xing'an Xian, Mt. Miao'er Shan, near Tieshan Ping).

▲ **DISTRIBUTION:** China.

albertae Zanetti, 1981: 207 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Svizzera:
Laquintal, dint. Simplon-Village, Valais, 1000 m).

— Zanetti, 1987: 132 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).

— Lohse and Lucht, 1989: 125 (*Eusphalerum*; characters).

— Zanetti, 1995: 5 (*Eusphalerum*; Italy).

▲ **DISTRIBUTION:** Italy, Switzerland.

albipile Fauvel, 1900d: 219 (*Anthobium*; Type locality: Tyrol).

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

— Zanetti, 1982: 105 (*Eusphalerum*; characters; Italy).

— Zanetti, 1987: 116 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).

— Zanetti, 1995: 5 (*Eusphalerum*; Italy).

▲ **DISTRIBUTION:** Austria, Italy.

alpestre Heer, 1839, see: *robustum* Heer, 1839.

alpestre Motschulsky, 1857, see: *alpinum* Heer, 1839.

alpinum Heer, 1839: 180 (*Omalium*; [preoccupied]; Type locality: Glarneralpen; Berneralpen;
Moloja; Valserberg; Genferalpen).

— Heer, 1841: 569 (*Omalium*; characters; Switzerland).

— Fairmaire and Laboulbène, 1856: 649 (*Anthobium*; characters; France).

— Kraatz, 1857d: 1012 (*Anthobium*; synonym of *alpinum*).

— Fauvel, 1869: 494 (*Anthobium*; synonym of *montanum*).

— Fauvel, 1871a: 74 [= 1872: 48] (*Eusphalerum*; characters; France; Germany; Switzerland; Italy;
Austria).

— Mulsant and Rey, 1880: 349 (*Anthobium*; characters; France).

— Ganglbauer, 1895: 755 (*Anthobium*; characters; central Europe).

— Reitter, 1909: 197 (*Anthobium*; characters; Germany).

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

— Portevin, 1929: 454 (*Anthobium*; characters; France).

— Scheerpeltz, 1933: 1032 (*Anthobium*; catalog).

— Freude, 1957: 106 (*Anthobium*; Germany).

— Smetana, 1958: 57 (*Anthobium*; notes).

— Coiffait, 1959c: 220 (*Eusphalerum*; characters; France).

— Horion, 1963: 33 (*Anthobium*; Pyrenees; Balkans; Germany; Austria).

— Lohse, 1964: 31 (*Eusphalerum*; subgenus *Abinothum*; characters; central Europe).

— Scheerpeltz, 1968a: 5 (*Anthobium*; catalog; Austria).

— Tikhomirova, 1973a: 137 (*Eusphalerum*; checklist; USSR).

— Zerche, 1977a: 8 (*Eusphalerum*; Germany).

— Burakowski, Mroczkowski, and Stefańska, 1979: 16 (*Eusphalerum*; catalog; Poland).

— Blum, 1979: 242 (*Eusphalerum*; elytral reduction; abdominal mobility; morphology).

— Klinger, 1980: 455 (*Eusphalerum*; subgenus *Abinothum*; characters of abdominal defensive
gland).

— Herger and Uhlig, 1981: 81 (*Eusphalerum*; habitat notes; Switzerland).

— Zanetti, 1982: 108 (*Eusphalerum*; characters; central Europe; Romania).

— Tóth, 1982: 39 (*Eusphalerum*; characters).

— Klinger, 1983: 38 (*Eusphalerum*; natural history notes; Germany).

— Zanetti, 1984: 75 (*Eusphalerum*; Bulgaria).

— Terlutter, 1984: 10, 36 (*Eusphalerum*; notes; Germany).

— Uhlig, Vogel, and Herger, 1986: 3, 6 (*Eusphalerum*; habitat notes; Switzerland).

- Zanetti, 1987: 95 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
 - Lucht, 1987: 85 (*Eusphalerum*; Germany; Poland; Czechoslovakia; Austria; Switzerland; France; Benelux).
 - K. Koch, 1989: 217 (*Eusphalerum*; habitat).
 - Boháč, 1993: 40 (*Eusphalerum*; subgenus *Abinothium*; subspecies *alpinum*; Czech Republic).
 - Zanetti, 1995: 5 (*Eusphalerum*; Italy).
 - Pašník, 1998: 69 (*Eusphalerum*; habitat; Poland).
 - Herman, 2001: 36 (*Eusphalerum*; nomen protectum).
 - ▲ **DISTRIBUTION:** Europe, Algeria.
- montanum* Erichson, 1840: 897 (*Anthobium*; [**Note:** This name is older than *alpinum*]; Type locality: alpi Austriae Helvetiaeque).
- Heer, 1841: 569 (*Omalium*; synonym of *alpinum*).
 - P. Lucas, 1846: 128 (*Anthobium*; notes; Algeria).
 - Märkel and Kiesenwetter, 1848a: 328 (*Anthophagus*; notes; Carpathian Alps).
 - Redtenbacher, 1849: 755 (*Anthobium*; characters; Austria).
 - Redtenbacher, 1857: 256 (*Anthobium*; characters; Austria).
 - Kraatz, 1857d: 1012 (*Anthobium*; characters; Germany).
 - Fauvel, 1865a: 319 [= 1865b: 69] (*Anthobium*; habitat; France).
 - Redtenbacher, 1874: 280 (*Anthobium*; characters; Austria).
 - Mulsant and Rey, 1880: 353 (*Anthobium*; characters; France).
 - Ganglbauer, 1895: 755 (*Anthobium*; synonym of *alpinum*).
 - Bernhauer and Schubert, 1910: 38 (*Anthobium*; synonym of *alpinum*).
 - Scheerpeltz, 1933: 1032 (*Anthobium*; synonym of *alpinum*).
 - Zanetti, 1987: 95 (*Eusphalerum*; synonym of *alpinum*).
- luteipenne* Erichson, 1840: 898 (*Anthobium*; Type locality: Saxonia montana).
- Redtenbacher, 1849: 829 (*Anthobium*; characters).
 - Kiesenwetter, 1851a: 439 (*Anthobium*; notes; Silesia).
 - Fairmaire and Laboulbène, 1856: 652 (*Anthobium*; characters; France).
 - Redtenbacher, 1857: 256 (*Anthobium*; characters; Germany).
 - Kraatz, 1857d: 1013 (*Anthobium*; characters; Germany).
 - Fauvel, 1871a: 74 [= 1872: 48] (*Eusphalerum*; synonym of *alpinum*).
 - Redtenbacher, 1874: 281 (*Anthobium*; characters).
 - Seidlitz, 1875: 238 (*Anthobium*; characters; Baltic region).
 - Mulsant and Rey, 1880: 350 (*Anthobium*; synonym of *alpinum*).
 - Ganglbauer, 1895: 755 (*Anthobium*; synonym of *alpinum*).
 - Bernhauer and Schubert, 1910: 38 (*Anthobium*; synonym of *alpinum*).
 - Scheerpeltz, 1933: 1032 (*Anthobium*; synonym of *alpinum*).
 - Zanetti, 1987: 95 (*Eusphalerum*; synonym of *alpinum*).
- alpestre* Motschulsky, 1857a: 491 (*Anthobium*; [**preoccupied**]; Type locality: Alpes de la Carniole).
- Fauvel, 1865c: 18 [= 1866: 15] (*Anthobium*; synonym of *montanum*).
 - Fauvel, 1871a: 74 [= 1872: 48] (*Eusphalerum*; synonym of *alpinum*).
 - Ganglbauer, 1895: 755 (*Anthobium*; synonym of *alpinum*).
 - Bernhauer and Schubert, 1910: 38 (*Anthobium*; synonym of *alpinum*).
- subjectum* Mulsant and Rey, 1880: 352 (*Anthobium*; Type locality: montagnes du Var, au nord de Fréjus).
- Ganglbauer, 1895: 755 (*Anthobium*; synonym of *alpinum*).
 - Bernhauer and Schubert, 1910: 38 (*Anthobium*; synonym of *alpinum*).
 - Zanetti, 1987: 95 (*Eusphalerum*; synonym of *alpinum*).
- obenbergeri* Zanetti, 1982: 109 (*Eusphalerum*; subspecies of *alpinum*; Type locality: Slovachia centr., Monti Nízke Tatry).
- Zanetti, 1987: 95 (*Eusphalerum*; subgenus *Eusphalerum*; subspecies of *alpinum*; characters; Italy).
 - Boháč, 1993: 40 (*Eusphalerum*; subgenus *Abinothium*; subspecies of *alpinum*; Slovakia).

alutaceum Scheerpeltz, 1956, see: *schatzmayri* C. Koch, 1938.

amamiense Watanabe, 1993a: 803 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Mt. Yuwan-dake, Ukenson, Amami-ôshima Is., Ryukyus, Japan).

▲ **DISTRIBUTION:** Japan.

amplipenne Coiffait, 1976a: 68 (*Eusphalerum*; subgenus *Abinothum*; Type locality: Anatolie septentrionale: Vallée d'Ardesen, Ilica, 1400–1800 m).

— Zanetti, 1993: 215, 243 (*Eusphalerum*; characters; catalog; Turkey).

▲ **DISTRIBUTION:** Turkey.

anale Erichson, 1840: 898 (*Anthobium*; Type locality: montes Saxoniae; Austriae; Croatiae; [**Note:** See lectotype designation by Zanetti, 1981a]).

— Redtenbacher, 1849: 755 (*Anthobium*; characters; Austria).

— Rosenhauer, 1856: 87 (*Anthobium*; Yunquera).

— Fairmaire and Laboulbène, 1856: 649 (*Anthobium*; characters; France).

— Redtenbacher, 1857: 256 (*Anthobium*; characters; Austria).

— Kraatz, 1857d: 1011 (*Anthobium*; characters; Germany).

— Fauvel, 1871a: 71 [= 1872: 45] (*Eusphalerum*; characters; France; Germany; Switzerland; Italy; Austria; Spain).

— Redtenbacher, 1874: 280 (*Anthobium*; characters; Austria).

— Mulsant and Rey, 1880: 358 (*Anthobium*; characters; France).

— Ganglbauer, 1895: 756 (*Anthobium*; characters; Pyrenees; Alps; Sudeten; Carpathians; Germany).

— Reitter, 1909: 197 (*Anthobium*; characters; Germany).

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

— Portevin, 1929: 454 (*Anthobium*; characters; France).

— Scheerpeltz, 1933: 1032 (*Anthobium*; catalog).

— Coiffait, 1959c: 221 (*Eusphalerum*; subgenus *Abinothum*; characters; Pyrenees).

— Horion, 1963: 32 (*Anthobium*; France; Switzerland; Italy; Carniola; Balkans; Romania; Hungary; Slovakia; Poland; Czech Republic; Germany; Austria).

— Lohse, 1964: 31 (*Eusphalerum*; subgenus *Abinothum*; characters; central Europe).

— Klinger, 1980: 455 (*Eusphalerum*; subgenus *Abinothum*; characters of abdominal defensive gland).

— Zanetti, 1981a: 49 (*Eusphalerum*; lectotype designation [**Note:** Locality not cited]; notes).

— Tóth, 1982: 39 (*Eusphalerum*; characters; Hungary).

— Klinger, 1983: 38 (*Eusphalerum*; natural history notes; Germany).

— Lohse, 1984: 145 (*Eusphalerum*; characters).

— Zanetti, 1987: 99 (*Eusphalerum*; characters; Italy).

— Lucht, 1987: 85 (*Eusphalerum*; checklist; Germany; Poland; Czechoslovakia; Austria; Switzerland; France).

— Boháč, 1993: 40 (*Eusphalerum*; subgenus *Abinothum*; Czech Republic; Slovakia).

— Zanetti, 1995: 5 (*Eusphalerum*; Italy).

— Tronquet, 1998a: 114 (*Eusphalerum*; collected from marmot burrow; France).

▲ **DISTRIBUTION:** Europe.

nivale Heer, 1841: 569 (*Omalium*; Type locality: Calankeralpen circ. 7000').

— Mulsant and Rey, 1880: 358 (*Anthobium*; synonym of *anale*).

— Ganglbauer, 1895: 756 (*Anthobium*; synonym of *anale*).

— Bernhauer and Schubert, 1910: 38 (*Anthobium*; synonym of *anale*).

longulum Kiesenwetter, 1847: 78 (*Anthobium*; Type locality: Riesengebirge).

— Redtenbacher, 1849: 829 (*Anthobium*; characters).

— Redtenbacher, 1857: 256 (*Anthobium*; characters; Germany).

— Kraatz, 1857d: 1012 (*Anthobium*; characters; Germany).

— Fauvel, 1871a: 72 [= 1872: 46] (*Eusphalerum*; characters; France; Switzerland; Germany).

— Redtenbacher, 1874: 281 (*Anthobium*; characters).

— Mulsant and Rey, 1880: 360 (*Anthobium*; characters; France).

— Ganglbauer, 1895: 756 (*Anthobium*; synonym of *anale*).

- Bernhauer and Schubert, 1910: 38 (*Anthobium*; synonym of *anale*).
- Scheerpeltz, 1933: 1033 (*Anthobium*; synonym of *anale*).
- Zanetti, 1987: 99 (*Eusphalerum*; synonym of *anale*).

difficile Rosenhauer, 1856: 87 (*Anthobium*; Type locality: Yunquera).

- Ganglbauer, 1895: 756 (*Anthobium*; synonym of *anale*).
- Bernhauer and Schubert, 1910: 38 (*Anthobium*; synonym of *anale*).

rhododendri Motschulsky, 1857a: 491 (*Anthobium*; [**preoccupied**]; Type locality: Alpes de la Carniole).

- Fauvel, 1865a: 319 [= 1865b: 69] (*Anthobium*; habitat; France).
- Fauvel, 1871a: 71 [= 1872: 45] (*Eusphalerum*; synonym of *anale*).
- Ganglbauer, 1895: 756 (*Anthobium*; synonym of *anale*).
- Bernhauer and Schubert, 1910: 38 (*Anthobium*; synonym of *anale*).

longiusculum Gemminger and Harold, 1868: 670 (*Anthobium*; replacement name for a nomen nudum cited as “*longulum* Miller *i. litt.*”; [**Note: Nomen nudum** (Article 12.2.3)]).

- Fauvel, 1871a: 71 [= 1872: 45] (*Eusphalerum*; synonym of *anale*).
- Ganglbauer, 1895: 756 (*Anthobium*; synonym of *anale*).
- Bernhauer and Schubert, 1910: 38 (*Anthobium*; synonym of *anale*).
- Zanetti, 1987: 99 (*Eusphalerum*; synonym of *anale*).

sinuatum Fauvel, 1871a: 70 [= 1872: 44] (*Eusphalerum*; Type locality: Basses-Alpes).

- Mulsant and Rey, 1880: 309 (*Anthobium*; characters; France).
- Ganglbauer, 1895: 750 (*Anthobium*; subgenus *Eusphalerum*; characters; French Alps).
- Bernhauer and Schubert, 1910: 43 (*Anthobium*; catalog).
- Coiffait, 1959c: 235 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Alpes).
- Zanetti, 1981a: 49 (*Eusphalerum*; synonym of *anale*).
- Zanetti, 1987: 99 (*Eusphalerum*; synonym of *anale*).

analogicum Roubal, 1915, see: *limbatum* Erichson, 1840.

anatolicum Coiffait, 1976a: 66 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Turquie d'Asie, Soguksu, Kizilcahaman).

- Zanetti, 1993: 225, 255 (*Eusphalerum*; characters; doubtful species, possible subspecies of *minutum*; catalog; Turkey).

▲ **DISTRIBUTION:** Turkey.

anatolicum Coiffait, 1978, see: *korbi* Bernhauer, 1903.

andromorphe Coiffait, 1959, see: *torquatum* Marsham, 1802.

angulatum Luze, 1911, see: *signatum* Märkel, 1857.

angusticolle Fauvel, 1871a: 73 [= 1872: 47] (*Eusphalerum*; Type locality: Alpes-Maritimes).

- Mulsant and Rey, 1880: 357 (*Anthobium*; characters; France).
- Ganglbauer, 1895: 756 (*Anthobium*; characters; maritime Alps).
- Bernhauer and Schubert, 1910: 39 (*Anthobium*; catalog).
- Coiffait, 1959c: 223 (*Eusphalerum*; subgenus *Abinothum*; characters; Maritime Alps).
- Zanetti, 1987: 114 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Zanetti, 1995: 5 (*Eusphalerum*; Italy).

▲ **DISTRIBUTION:** France, Italy.

angustatum Fauvel, 1871, see: *angustum* Kiesenwetter, 1850.

angustum Kiesenwetter, 1850: 222 (*Anthobium*; Type locality: Pyrenaei centrales).

- Kiesenwetter, 1851a: 436 (*Anthobium*; characters; France).
- Fairmaire and Laboulbène, 1856: 652 (*Anthobium*; characters; France).
- Mulsant and Rey, 1880: 354 (*Anthobium*; characters; France).
- Bernhauer and Schubert, 1910: 39 (*Anthobium*; catalog).
- Portevin, 1929: 454 (*Anthobium*; [**Note:** Misspelling: Scheerpeltz, 1933: 1033 cited *angustatum* Portevin as synonym of *angustum*; Portevin misspelled *angustum*, he cited the species as “*angustatum* Kiesw.”]; characters; France).

- Scheerpeltz, 1933: 1033 (*Anthobium*; catalog).
- Coiffait, 1959c: 223 (*Eusphalerum*; subgenus *Abinothum*; characters; Pyrenees).
- ▲ **DISTRIBUTION:** France, Spain.
- angustatum* Fauvel, 1871a: 73 [= 1872: 47] (*Eusphalerum*; emendation of *angustum*).
- Mulsant and Rey, 1880: 354 (*Anthobium*; synonym of *angustum*).
- Scheerpeltz, 1933: 1033 (*Anthobium*; synonym of *angustum*).
- melanurum* C. Koch, 1938a: 319 (*Anthobium*; aberration of *angustum*; [**Note: Nomen nudum** (Articles 1.3.4, 45.5)]; locality cited: Saldeu e di Mont Louis).
- Coiffait, 1959c: 223, 227 (*Eusphalerum*; subgenus *Abinothum*; aberration of *angustum*; characters).
- fuscicolle* Coiffait, 1959c: 223 (*Eusphalerum*; subgenus *Abinothum*; aberration of *angustum*; [**Note: Nomen nudum** (Articles 1.3.4, 45.5)]; locality cited: Ariège, Pic Saint-Barthélemy).
- cantabricum* C. Koch, 1940: 369 (*Anthobium*; subspecies of *montivagum*; Type locality: Nordspanien: Espinama, kantabr. Kordilleren).
- Coiffait, 1959c: 223 (*Eusphalerum*; subgenus *Abinothum*; subspecies of *angustum*; characters).
- annaerosae** Zanetti, 1986: 92 (*Eusphalerum*; Type locality: Val di Mesdi, Sella, Dolomiti).
- Zanetti, 1987: 113 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Zanetti, 1995: 5 (*Eusphalerum*; Italy).
- ▲ **DISTRIBUTION:** Italy.
- aoba** Watanabe, 1990: 219 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Honshu: Yamanashi Pref.: Fureoka-machi, Otsuki).
- ▲ **DISTRIBUTION:** Japan.
- appendiculatum* Heer, 1839, see: *minutum* Fabricius, 1792.
- apenninum* C. Koch, 1938, see: *octavii* Fauvel, 1871.
- atriceps* Motschulsky, 1860, see: *Hapalaraea*.
- atriventre** Casey, 1894: 431 (*Anthobium*; Type locality: California: Los Angeles).
- Bernhauer and Schubert, 1910: 39 (*Anthobium*; catalog).
- Moore and Legner, 1975: 190 (*Eusphalerum*; checklist).
- ▲ **DISTRIBUTION:** USA.
- atrum** Heer, 1839: 178 (*Omalium*; Type locality: Helvetia: Valesia; Martygni).
- Fairmaire and Laboulbène, 1856: 648 (*Anthobium*; characters; France).
- Kraatz, 1857d: 997 (*Omalium*; synonym of *nigrum*).
- Kraatz, 1857d: 1009 (*Anthobium*; synonym of *nigrum*).
- Fauvel, 1871a: 62 [= 1872: 36] (*Eusphalerum*; characters; France; Germany; Switzerland; Italy).
- Fauvel, 1873b: 110 [= 1873c: 3] (*Anthobium*; characters; France).
- Mulsant and Rey, 1880: 300 (*Anthobium*; characters; France).
- Ganglbauer, 1895: 748 (*Anthobium*; subgenus *Eusphalerum*; characters; central Europe).
- Luze, 1906: 558 (*Phyllodrepa*; synonym of *nigra*).
- Reitter, 1909: 195 (*Anthobium*; subgenus *Eusphalerum*; characters; Germany).
- Bernhauer and Schubert, 1910: 39 (*Anthobium*; [**Note:** Also cited on page 47 as a synonym of *Phyllodrepa nigra*]; catalog).
- Portevin, 1929: 452 (*Anthobium*; characters; France).
- Scheerpeltz, 1933: 1033 (*Anthobium*; catalog).
- C. Koch, 1938a: 320 (*Anthobium*; Andorra).
- Freude, 1957: 113 (*Anthobium*; Germany).
- Coiffait, 1959c: 248 (*Eusphalerum*; subgenus *Pareusphalerum*; characters; France).
- Horion, 1963: 50 (*Anthobium*; subgenus *Eusphalerum*; Holland; Belgium; France; Portugal; Spain; Switzerland; Italy; Greece; Romania; Czechoslovakia; Poland; Germany; Austria).
- Lohse, 1964: 36 (*Eusphalerum*; subgenus *Pareusphalerum*; characters; central Europe).
- Klinger, 1980: 456 (*Eusphalerum*; subgenus *Pareusphalerum*; characters of abdominal defensive gland).

- Zanetti, 1982a: 89 (*Eusphalerum*; subgenus *Pareusphalerum*; characters).
- Tóth, 1982: 46 (*Eusphalerum*; characters).
- Klinger, 1983: 38 (*Eusphalerum*; natural history notes; Germany).
- Zanetti, 1987: 152 (*Eusphalerum*; subgenus *Pareusphalerum*; characters; Italy).
- Lucht, 1987: 86 (*Eusphalerum*; checklist; Germany; Czechoslovakia; Austria; Switzerland; France; Benelux).
- Boháč, 1993: 40 (*Eusphalerum*; subgenus *Pareusphalerum*; Czech Republic).
- Zanetti, 1995: 5 (*Eusphalerum*; Italy).
- Assing, Frisch, Kahlen, et al., 1998: 122 (*Eusphalerum*; subgenus *Pareusphalerum*; characters).

▲ **DISTRIBUTION:** Europe.

nigrum Erichson, 1840: 892 (*Anthobium*; Type locality: Helvetia).

- Heer, 1841: 568 (*Omalium*; synonym of *atrum*).
- Redtenbacher, 1857: 256 (*Anthobium*; characters; Germany).
- Kraatz, 1857d: 1009 (*Anthobium*; characters; Germany).
- Fauvel, 1871a: 62 [= 1872: 36] (*Eusphalerum*; synonym of *atrum*).
- Redtenbacher, 1874: 281 (*Anthobium*; characters).
- Mulsant and Rey, 1880: 301 (*Anthobium*; synonym of *atrum*).
- Ganglbauer, 1895: 748 (*Anthobium*; synonym of *atrum*).
- Bernhauer and Schubert, 1910: 39 (*Anthobium*; synonym of *atrum*).
- Scheerpeltz, 1933: 1033 (*Anthobium*; synonym of *atrum*).
- Zanetti, 1987: 152 (*Eusphalerum*; synonym of *atrum*).

splendens Coiffait, 1959c: 249 (*Eusphalerum*; subgenus *Pareusphalerum*; aberration of *atrum*; cited as *spendens* on page 249 and *splendens* on page 252; [**Note: Nomen nudum** (Articles 1.3.4, 45.5)]; locality cited: Floarac, Gironde).

aucupariae Kiesenwetter, 1866, see: *pseudaucupariae* E. Strand, 1917.

audisioi Zanetti, 1980, see: *italicum* C. Koch, 1938.

auliense Bernhauer, 1913a: 219 (*Anthobium*; Type locality: Aulie-Ata; Ala Tau, Syr Darja).

- Scheerpeltz, 1933: 1033 (*Anthobium*; catalog).
- Zanetti, 1991: 298 (*Eusphalerum*; characters; Turkestan).

▲ **DISTRIBUTION:** Kyrgyzstan, Turkestan.

aurifluum Fauvel, 1878d: 201 [= 1878e: 37] (*Anthobium*; Type locality: Californie, Mari-
posa).

- Bernhauer and Schubert, 1910: 39 (*Anthobium*; catalog).
- Moore and Legner, 1975: 190 (*Eusphalerum*; checklist).

▲ **DISTRIBUTION:** USA.

balmae Coiffait, 1959, see: *torquatam* Marsham, 1802.

banghaasi Zanetti, 1991: 299 (*Eusphalerum*; Type locality: N. Alai Fergana).

▲ **DISTRIBUTION:** Uzbekistan.

bargaglii Luze, 1910: 233 (*Anthobium*; Type locality: Piemont).

- Scheerpeltz, 1933: 1033 (*Anthobium*; catalog).
- Coiffait, 1959c: 247 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Zanetti, 1980b: 623 (*Eusphalerum*; Italy).
- Zanetti, 1982: 120, 124 (*Eusphalerum*; characters; Italy).
- Zanetti, 1987: 147 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Zanetti, 1995: 5 (*Eusphalerum*; Italy).

▲ **DISTRIBUTION:** Italy.

baudii Fiori, 1894: 96 (*Anthobium*; [**Note:** Preoccupied as a secondary homonym of *Anthobium baudii* Kraatz]; Type locality: Serra S. Bruno, Calabria; [**Note:** See lectotype designation by Zanetti, 1986]).

- Bernhauer and Schubert, 1910: 39 (*Anthobium*; catalog).
- Luze, 1910: 227 (*Anthobium*; characters of male and female).
- Scheerpeltz, 1933: 1033 (*Anthobium*; catalog).
- Scheerpeltz, 1961d: 116 (*Anthobium*; subgenus *Eusphalerum*; Italy).

- Zanetti, 1986: 96 (*Eusphalerum*; lectotype designation).
- Zanetti, 1987: 145 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Zanetti, 1995: 5 (*Eusphalerum*; Italy).

▲ **DISTRIBUTION:** Italy.

hummleri Bernhauer, 1908e: 320 (*Anthobium*; Type locality: Calabrien, Aspromonte, Sta. Christina).

- Bernhauer and Schubert, 1910: 40 (*Anthobium*; catalog).
- Luze, 1911a: 334 (*Anthobium*; synonym of *baudii*).
- Scheerpeltz, 1933: 1033 (*Anthobium*; synonym of *baudii*).

bergi Kirshenblat, 1959: 649 [= 1960: 584] (*Eusphalerum*; subgenus *Abinotum*; Type locality: Gruzia: ushchel'e Banis-Khevi Borzhomskogo raiona; Bakuriani: Borzhomskogo raiona).

- Tikhomirova, 1973a: 137 (*Eusphalerum*; subgenus *Abinotum*; checklist; Georgia).
- Zanetti, 1993: 215, 241 (*Eusphalerum*; characters; catalog; Caucasus).

▲ **DISTRIBUTION:** Georgia.

bigerricum Coiffait, 1959, see: *oblutum* Fairmaire and Laboulbène, 1856.

biglianii Doderò, 1922, see: *luteum* Marsham, 1802.

binaghii Zanetti, 1980, see: *italicum* C. Koch, 1938.

birmanum Scheerpeltz, 1965: 148 (*Anthobium*; subgenus *Eusphalerum*; Type locality: N.E. Kambaiti, 7000 ft.).

- Herman, 2001: 13 (*Eusphalerum*).

▲ **DISTRIBUTION:** Myanmar.

bivittatum Eppelsheim, 1887a: 45 (*Anthobium*; Type locality: Sicilia: Caronia).

- Bernhauer and Schubert, 1910: 39 (*Anthobium*; catalog).
- Scheerpeltz, 1961d: 116 (*Anthobium*; subgenus *Anthobium*; Italy).
- Zanetti, 1987: 94 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Sparacio, 1995: 139 (*Eusphalerum*; characters; notes; Sicily).
- Zanetti, 1995: 5 (*Eusphalerum*; Italy).
- Zanetti and Sabella, 1998: 28 (*Eusphalerum*; Sicily).

▲ **DISTRIBUTION:** Italy.

densepilosum Scheerpeltz, 1961d: 143 (*Anthobium*; subgenus *Anthobium*; Type locality: Umgebung von Gambarie im Aspromonte).

- Zanetti, 1980: 161 (*Eusphalerum*; synonym of *bivittatum*).
- Zanetti, 1987: 94 (*Eusphalerum*; synonym of *bivittatum*).

bolivari C. Koch, 1940: 369 (*Anthobium*; Type locality: Nordspanien: Espinama, Kantabr. Kordilleren).

- Herman, 2001: 13 (*Eusphalerum*).

▲ **DISTRIBUTION:** Spain.

bonadonai Coiffait, 1959, see: *rhododendri* Baudi, 1848.

bonnelli Hatch, 1944, see: *dichroum*, Fall, 1922.

bosatsu Watanabe, 1990: 198 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Honshu: Yamanashi Pref.: Mt. Daibosatsu).

▲ **DISTRIBUTION:** Japan.

bothmeri Coiffait, 1976a: 65 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Iran: Assalam, 1300 m).

- Zanetti, 1993: 219, 251 (*Eusphalerum*; characters; catalog; Iran, Azerbaidzhan?).

▲ **DISTRIBUTION:** Azerbaijan, Iran.

brachiale Fauvel, 1878: 87 [= 1878a: 7] (*Anthobium*; Type locality: Bône; [Note: See lectotype designation by Zanetti, 1991a]. Originally cited from Algeria; Morocco).

- Fauvel, 1886: 13 [= 1886a: 5] (*Anthobium*; Algeria).
- Fauvel, 1902b: 51 (*Anthobium*; Algeria; Tunisia).

- Bernhauer and Schubert, 1910: 39 (*Anthobium*; catalog).
- Coiffait, 1959c: 246 (*Eusphalerum*; subgenus *Eusphalerum*; characters; North Africa).
- Zanetti, 1991a: 23 (*Eusphalerum*; lectotype designation: Bône; characters; notes; Tunisia; Algeria).

▲ **DISTRIBUTION:** Algeria, Morocco, Tunisia.

brandmayri Zanetti, 1981a: 50 (*Eusphalerum*; subgenus *Abinothum*; Type locality: Sella Nevea, Casera Gragnedul, Tarvisio, prov. di Udine, 1800 m).

- Lohse, 1984: 145 (*Eusphalerum*; characters).
- Zanetti, 1987: 100 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy; Austria; Czech Republic; Poland).
- Schülke and Uhlig, 1988: 2 (*Eusphalerum*; notes; Germany).
- Boháč, 1993: 40 (*Eusphalerum*; subgenus *Abinothium*; Czech Republic).
- Zanetti, 1995: 5 (*Eusphalerum*; Italy).
- Burakowski, Mroczkowski, and Stefańska, 2000: 40 (*Eusphalerum*; subgenus *Abinothum*; catalog; Poland).

▲ **DISTRIBUTION:** Italy, Germany, Austria, Czech Republic, Poland.

brevicolle Heer, 1841, see: *minutum* Fabricius, 1792.

brevipenne Luze, 1910, see: *Philorinum*.

calabrum Zanetti, 1980: 168 (*Eusphalerum*; subgenus *Abinothum*; Type locality: Morano Calabro, prov. di Cosenza).

- Zanetti, 1987: 112 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Zanetti, 1995: 5 (*Eusphalerum*; Italy).

▲ **DISTRIBUTION:** Italy.

californicum Fauvel, 1878d: 199 [= 1878e: 35] (*Anthobium*; Type locality: Californie, Mari-
posa).

- Bernhauer and Schubert, 1910: 39 (*Anthobium*; catalog).
- Hatch, 1957: 84 (*Eusphalerum*; subgenus *Onibathum*; characters; British Columbia; Idaho; Oregon).
- Moore and Legner, 1975: 190 (*Eusphalerum*; checklist).

▲ **DISTRIBUTION:** Canada, USA.

cantabricum C. Koch, 1940, see: *angustum* Kiesenwetter, 1850.

cariniphallum Zanetti, 1998: 145 (*Eusphalerum*; Type locality: Taiwan: Hualien Hsien: Taroko N. P., Nanhushi Hut, 2220 m).

▲ **DISTRIBUTION:** Taiwan.

carnicum Coiffait, 1959, see: *pallens* Heer, 1841.

caucasicum Bernhauer, 1908e: 321 (*Anthobium*; Type locality: Batum).

- Bernhauer and Schubert, 1910: 39 (*Anthobium*; catalog).
- Luze, 1910: 226 (*Anthobium*; characters; notes).
- Tikhomirova, 1973a: 137 (*Eusphalerum* subgenus *Eusphalerum*; checklist; Caucasus).
- Zanetti, 1993: 222, 252 (*Eusphalerum*; characters; catalog; Caucasus).

▲ **DISTRIBUTION:** Georgia, Turkey.

loebli Zanetti, 1993: 222, 236 (*Eusphalerum*; subspecies of *caucasicum*; Type locality: Turquie Zonguldak 17 km N Safranbolu 1000 m).

celsum Luze, 1910: 236 (*Anthobium*; Type locality: Kaukasus, Araxestal).

- Scheerpeltz, 1933: 1033 (*Anthobium*; catalog).
- Tikhomirova, 1973a: 137 (*Eusphalerum*; subgenus *Eusphalerum*; checklist; Armenia).
- Zanetti, 1992: 353 (*Eusphalerum*; characters; notes; Balkan region; Turkey; Armenia; Caucasian region).
- Zanetti, 1993: 215, 241 (*Eusphalerum*; characters; catalog; Caucasus; Armenia; Turkey).

▲ **DISTRIBUTION:** Balkan region, Azerbaijan, Armenia, Turkey.

celticum Coiffait, 1959, see: *umbellatarum* Kiesenwetter, 1850.

- cerdanicum** Coiffait, 1959c: 237 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Pyrénées-Orientales: Osseja).
 ▲ **DISTRIBUTION:** France.
- cerrutii** Bernhauer, 1940b: 622 (*Anthobium*; Type locality: Abruzzen, Parco Naz.).
 — C. Koch, 1938: 136 (*Anthobium*; [**Note:** Misidentified as *oblitum* according to Zanetti, 1982: 133] Italy).
 — Coiffait, 1959c: 238 (*Eusphalerum*; subgenus *Eusphalerum*; [**Note:** Italian specimens misidentified as *oblitum* according to Zanetti, 1982: 133]; characters; Italy).
 — Zanetti, 1982: 131, 133 (*Eusphalerum*; characters; Italy).
 — Zanetti, 1987: 130 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
 — Zanetti, 1995: 5 (*Eusphalerum*; Italy).
 ▲ **DISTRIBUTION:** Italy.
- luigionii* Bernhauer, 1940b: 623 (*Anthobium*; Type locality: Filettino, Umgebung Rom's).
 — Zanetti, 1982: 133 (*Eusphalerum*; synonym of *cerrutii*).
 — Zanetti, 1987: 130 (*Eusphalerum*; synonym of *cerrutii*).
- chinecum** J. Li, 1992: 59 (*Eusphalerum*; Type locality: China: Liaoning Province: Mt. Qian-shan).
 — J. Li, 1993: 18 (*Eusphalerum*; China).
 ▲ **DISTRIBUTION:** China.
- chinense** Bernhauer, 1938b: 49 (*Anthobium*; Type locality: China: Kansou-O.: Ma-ho chan; [**Note:** See lectotype designation by Zanetti, 1993a]).
 — Zanetti, 1993a: 48 (*Eusphalerum*; lectotype designation; notes on characters).
 ▲ **DISTRIBUTION:** China.
- chobauti* Coiffait, 1959, see: *montivagum* Heer, 1839.
- cincticolle* Chevrolat, 1860, see: *luteicornis* Erichson, 1840.
- clavipes** Scriba, 1868: 159 (*Anthobium*; Type locality: Apenninen bei Lucca und Valambrosa [**Note:** Vallombrosa]).
 — Fauvel, 1869: 494 (*Anthobium*; synonym of *tempestivum*).
 — Mulsant and Rey, 1880: 337 (*Anthobium*; characters; Italy).
 — Bernhauer and Schubert, 1910: 39 (*Anthobium*; catalog).
 — Coiffait, 1959c: 244 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
 — Zanetti, 1980b: 623 (*Eusphalerum*; Italy).
 — Zanetti, 1987: 144 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
 — Zanetti, 1995: 5 (*Eusphalerum*; Italy).
 ▲ **DISTRIBUTION:** Italy.
- collare* Crotch, 1870, see: *marshami* Fauvel, 1869.
- contortispinum** Zanetti, 1998: 136 (*Eusphalerum*; Type locality: Taiwan: Chiai Hsien: Yushan N. P., Ta-Ta Ghia, 2750 m).
 ▲ **DISTRIBUTION:** Taiwan.
- convexum** Fauvel, 1878d: 201 [= 1878e: 37] (*Anthobium*; Type locality: Canada, Québec; Massachusetts, Springfield; Pennsylvania; Missouri).
 — Bernhauer and Schubert, 1910: 39 (*Anthobium*; catalog).
 — Blatchley, 1910: 481 (*Anthobium*; characters; Indiana).
 — Moore and Legner, 1975: 190 (*Eusphalerum*; checklist).
 — Dearborn and Donahue, 1994: 13 (*Eusphalerum*; Maine).
 — Downie and Arnett, 1996: 439 (*Eusphalerum*; characters; USA).
 ▲ **DISTRIBUTION:** Canada, USA.
- corpulentum* Bernhauer, 1913, see: *nitidicolle* Baudi, 1857.
- corsicum** Luze, 1910: 242 (*Anthobium*; Type locality: Korsika).
 — Scheerpeltz, 1933: 1033 (*Anthobium*; catalog).
 — Coiffait, 1959c: 244 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Corsica).

- Zanetti, 1982: 125 (*Eusphalerum*; characters; Italy).
 — Zanetti, 1987: 136 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Corsica).

▲ **DISTRIBUTION:** Corsica.

crebrepunctatum Scheerpeltz, 1976a: 97 (*Anthobium*; subgenus *Eusphalerum*; [**Note:** Cited as *crebepunctatum* at the head of the description but as *crebrepunctatum* on pages 78 and 100]; Type locality: Nepal: Ting-Sang-La, 3800 m).

- Herman, 2001: 13 (*Eusphalerum*).

▲ **DISTRIBUTION:** Nepal.

cribrellum Fauvel, 1900d: 218 (*Anthobium*; Type locality: Sila de Calabre).

- Bernhauer and Schubert, 1910: 39 (*Anthobium*; catalog).
 — Zanetti, 1982a: 91 (*Eusphalerum*; characters; Italy).
 — Zanetti, 1987: 136 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
 — Zanetti, 1995: 5 (*Eusphalerum*; Italy).

▲ **DISTRIBUTION:** Italy.

cribricolle Baudi, 1870, see: *foveicolle* Fauvel, 1871.

cribrosum Heer, 1841, see: *primulae* Stephens, 1834.

croaticum Luze, 1910: 238 (*Anthobium*; Type locality: Kroatien).

- Scheerpeltz, 1933: 1033 (*Anthobium*; catalog).
 — Tóth, 1982: 44 (*Eusphalerum*; characters).

▲ **DISTRIBUTION:** Croatia.

daisetsuense Watanabe, 1990: 215 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Hokkaido: Mt. Daisetsu).

▲ **DISTRIBUTION:** Japan.

delyi Zanetti, 1993a: 53 (*Eusphalerum*; Type locality: Korea: Mt. Pektusan, environs Samzi-yan hotel).

▲ **DISTRIBUTION:** Korea.

densepilosum Scheerpeltz, 1961, see: *bivittatum* Eppelsheim, 1887.

densicolle Bernhauer, 1915c: 69 (*Anthobium*; Type locality: Westlicher Kaukasus).

- Scheerpeltz, 1933: 1033 (*Anthobium*; catalog).
 — Tikhomirova, 1973a: 137 (*Eusphalerum*; subgenus *Eusphalerum*; checklist; Caucasus).
 — Zanetti, 1993: 224, 258 (*Eusphalerum*; characters; catalog; Caucasus, Turkey).

▲ **DISTRIBUTION:** Caucasus, Turkey.

densipenne Fauvel, 1900d: 218 (*Anthobium*; Type locality: Tokat, Asie min.; [**Note:** See lectotype designation by Zanetti, 1993]. Originally cited from Asie-Mineure: Tokat, Amasia, Erzeroum).

- Bernhauer and Schubert, 1910: 39 (*Anthobium*; catalog).
 — Zanetti, 1993: 225, 251 (*Eusphalerum*; characters; lectotype designation: Tokat, Asie min.; catalog; Turkey).

▲ **DISTRIBUTION:** Turkey.

dewanum Watanabe, 1990: 212 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Honshu: Yamagata Pref.: Tachiyazawa, Higashitagawa).

▲ **DISTRIBUTION:** Japan.

diabolicum Roubal, 1914 [**Note:** **Nomen nudum**], see: *zolotarevi* Reitter, 1909.

dichroum Fall, 1922: 13 (*Anthobium*; Type locality: California: Humboldt County: Korbel).

- Hatch, 1957: 84 (*Eusphalerum*; subgenus *Onibathum*; characters; Washington; Oregon).
 — Moore and Legner, 1975: 190 (*Eusphalerum*; checklist).

▲ **DISTRIBUTION:** USA.

bonnelli Hatch, 1944: 103 (*Anthobium*; subgenus *Eusphalerum*; Type locality: Wash.: Sultan).

- Hatch, 1957: 84 (*Eusphalerum*; synonym of *dichroum*).
 — Moore and Legner, 1975: 190 (*Eusphalerum*; synonym of *dichroum*).

difficile Rosenhauer, 1856, see: *anale* Erichson, 1840.

dimidiatum Melsheimer, 1844, see: *pothos* Mannerheim, 1843.

diolii Zanetti, 1982, see: *limbatum* Erichson, 1840.

discinum Gredler, 1863, see: *luteum* Marsham, 1802.

dispar Baudi, 1889, see: *luteum* Marsham, 1802.

dis simile Luze, 1910: 231 (*Anthobium*; Type locality: Südungarn, Herkulesbad, Mehadia; [Note: See lectotype designation by Zanetti, 1992]. Also cited from Kroatien, Kapella; Transylvanien, Kerzcschora; Montenegro, Durmitor; Krain, Gottschee).

— Scheerpeltz, 1933: 1033 (*Anthobium*; catalog).

— Horion, 1963: 36 (*Eusphalerum*; Slovenia; Croatia; Romania; Austria).

— Lohse, 1964: 31 (*Eusphalerum*; subgenus *Abinothum*; characters; central Europe).

— Zanetti, 1982: 116, 117 (*Eusphalerum*; characters; Romania).

— Tóth, 1982: 39 (*Eusphalerum*; characters).

— Lucht, 1987: 85 (*Eusphalerum*; checklist; Austria).

— Zanetti, 1992: 348 (*Eusphalerum*; lectotype designation: Herkulesbad; characters; notes; Balkan region).

▲ **DISTRIBUTION:** Czech Republic, Austria, Bosnia Hercegovina, Croatia, Germany, Romania, Slovenia, Yugoslavia.

diversicolle Casey, 1894: 428 (*Anthobium*; Type locality: California: Lake Tahoe; Nevada: Reno; southern Utah).

— Bernhauer and Schubert, 1910: 39 (*Anthobium*; catalog).

— Moore and Legner, 1975: 190 (*Eusphalerum*; checklist).

▲ **DISTRIBUTION:** USA.

dubitatum Zanetti, 1998: 124 (*Eusphalerum*; Type locality: Taiwan: Nantou Hsien: Nienkaoshan, Tenchi Hut, 2895 m).

▲ **DISTRIBUTION:** Taiwan.

elongatum Ganglbauer, 1895: 754 (*Anthobium*; Type locality: Westalpen und in den Gebirgen von Südfrankreich).

— Fauvel, 1871a: 75 [= 1872: 49] (*Eusphalerum*; [Note: Misidentification: Bernhauer and Schubert, 1910: 39 cited *palligerum* Fauvel as a synonym of *elongatum*; Fauvel did not describe the species as new, he attributed it to Kiesenwetter]; characters; France; Italy; Germany).

— Bernhauer and Schubert, 1910: 39 (*Anthobium*; catalog).

— Coiffait, 1959c: 226 (*Eusphalerum*; subgenus *Abinothum*; characters).

— Horion, 1963: 37 (*Anthobium*; France; Switzerland; Austria).

— Lohse, 1964: 30 (*Eusphalerum*; subgenus *Abinothum*; characters; central Europe).

— Zanetti, 1987: 101 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).

— Lucht, 1987: 85 (*Eusphalerum*; checklist; Austria).

— Zanetti, 1995: 5 (*Eusphalerum*; Italy).

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

excavatum Erichson, 1840, see: *robustum* Heer, 1839.

ezoense Watanabe, 1990: 217 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Hokkaido: Jōzankei).

▲ **DISTRIBUTION:** Japan.

farrarae Hatch, 1944: 101 (*Anthobium*; subgenus *Eusphalerum*; Type locality: Wash.: Fall City).

— Hatch, 1957: 83 (*Eusphalerum*; subgenus *Onibathum*; characters; British Columbia; Washington; Oregon).

— Moore and Legner, 1975: 190 (*Eusphalerum*; checklist).

▲ **DISTRIBUTION:** Canada, USA.

fenyesi Bernhauer, 1912i: 679 (*Anthobium*; Type locality: Washington: Baring).

— Scheerpeltz, 1933: 1033 (*Anthobium*; catalog).

— Hatch, 1957: 82 (*Eusphalerum*; characters; British Columbia; Washington; Oregon).

— Moore and Legner, 1975: 190 (*Eusphalerum*; checklist).

▲ **DISTRIBUTION:** Canada, USA.

- fidele** Luze, 1910: 235 (*Anthobium*; Type locality: Kaukasus, Araxestal).
 — Scheerpeltz, 1933: 1033 (*Anthobium*; catalog).
 — Zanetti, 1993: 219, 248 (*Eusphalerum*; characters; catalog; Azerbaijan, cited as Armenia).
 ▲ **DISTRIBUTION:** Azerbaijan.
- flavipenne* Erichson, 1840, see: *lapponicum* Mannerheim, 1830.
- formosae** Cameron, 1949b: 460 (*Anthobium*; subgenus *Eusphalerum*; Type locality: Formosa: Taiheizan).
 — Zanetti, 1998: 150, 154 (*Eusphalerum*; characters; Taiwan).
 ▲ **DISTRIBUTION:** Taiwan.
- fortepunctatum** Coiffait, 1978b: 148 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Dorjula, 3100 m).
 ▲ **DISTRIBUTION:** Bhutan.
- foveicolle** Fauvel, 1871: 18 (*Anthobium*; Type locality: Mont Rosa [**Note:** May be Monte Rosa]).
 — Fauvel, 1871a: 73 [= 1872: 47] (*Eusphalerum*; characters; France).
 — Mulsant and Rey, 1880: 361 (*Anthobium*; characters; France).
 — Ganglbauer, 1895: 755 (*Anthobium*; characters; western Alps).
 — Bernhauer and Schubert, 1910: 39 (*Anthobium*; catalog).
 — Portevin, 1929: 454 (*Anthobium*; characters; France).
 — Scheerpeltz, 1933: 1033 (*Anthobium*; catalog).
 — Coiffait, 1959c: 220 (*Eusphalerum*; subgenus *Abinothum*; characters; Italy).
 — Lohse, 1964: 31 (*Eusphalerum*; subgenus *Abinothum*; characters; central Europe).
 — Zanetti, 1987: 97 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
 — Lucht, 1987: 85 (*Eusphalerum*; checklist; Austria).
 — Zanetti, 1995: 5 (*Eusphalerum*; Italy).
 — Herman, 2001: 20 (*Eusphalerum*; use as valid maintained).
 ▲ **DISTRIBUTION:** France, Italy.
- cribricolle* Baudi, 1870: 403 (*Anthobium*; [**Note:** This name is older than *foveicolle*]; Type locality: Alpium Lepontiarum valle Formazza).
 — Fauvel, 1871a: 73 [= 1872: 47] (*Eusphalerum*; synonym of *foveicolle*).
 — Mulsant and Rey, 1880: 362 (*Eusphalerum*; synonym of *foveicolle*).
 — Ganglbauer, 1895: 755 (*Anthobium*; synonym of *foveicolle*).
 — Bernhauer and Schubert, 1910: 39 (*Anthobium*; synonym of *foveicolle*).
 — Zanetti, 1987: 97 (*Eusphalerum*; synonym of *foveicolle*).
- foveolatum** Luze, 1910: 235 (*Anthobium*; Type locality: Russia merid.).
 — Scheerpeltz, 1933: 1033 (*Anthobium*; catalog).
 — Tikhomirova, 1973a: 137 (*Eusphalerum*; subgenus *Eusphalerum*; checklist; southern Russia).
 — Zanetti, 1993: 221, 257 (*Eusphalerum*; characters; catalog; Caucasus, Turkey, southern Russia).
 ▲ **DISTRIBUTION:** Russia, Turkey.
- paramerum* Coiffait, 1976a: 68 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Turquie d'Asie: Torul).
 — Zanetti, 1993: 257 (*Eusphalerum*; synonym of *foveolatum*).
- fraternum** Casey, 1894: 432 (*Anthobium*; Type locality: California: Hoopa Valley, Humboldt Co.).
 — Bernhauer and Schubert, 1910: 39 (*Anthobium*; catalog).
 — Moore and Legner, 1975: 190 (*Eusphalerum*; checklist).
 ▲ **DISTRIBUTION:** USA.
- fraternum* Luze, 1910, see: *improvisum* Luze, 1911.
- frosti** Bernhauer, 1928d: 40 (*Anthobium*; Type locality: Massachusetts: Monterey).
 — Scheerpeltz, 1933: 1033 (*Anthobium*; catalog).
 — Moore and Legner, 1975: 190 (*Eusphalerum*; checklist).
 ▲ **DISTRIBUTION:** USA.
- fulvicorne* Coiffait, 1959 [**Note:** *Nomen nudum*], see: *italicum* C. Koch, 1938.

- fulvipenne** Solsky, 1874: 210 (*Anthobium*; Type locality: Kokandico).
 — Bernhauer and Schubert, 1910: 39 (*Anthobium*; catalog).
 — Tikhomirova, 1973a: 137 (*Eusphalerum*; subgenus *Eusphalerum*; checklist; Central Asia).
 — Zanetti, 1991: 292 (*Eusphalerum*; characters; Turkestan; Transcaspian region; Kirghizia; Uzbekistan).
 ▲ **DISTRIBUTION:** Kyrgyzstan, Turkestan, Uzbekistan.
- fuscicolle* Coiffait, 1959 [**Note: Nomen nudum**], see: *angustum* Kiesenwetter, 1850.
- fuscipenne* Heer, 1839, see: *limbatum* Erichson, 1840.
- gilvipenne** Casey, 1894: 428 (*Anthobium*; Type locality: California: Santa Cruz Co.).
 — Bernhauer and Schubert, 1910: 40 (*Anthobium*; catalog).
 — Moore and Legner, 1975: 190 (*Eusphalerum*; checklist).
 ▲ **DISTRIBUTION:** USA.
- goetzelmanni* Luze, 1910, see: *luteicorne* Erichson, 1840.
- gracile* Luze, 1910, see: *rufoscutellatum* Eppelsheim, 1881.
- granulipenne* J. Sahlberg, 1871, see: *lapponicum* Mannerheim, 1830.
- grayae** Hatch, 1944: 102 (*Anthobium*; subgenus *Eusphalerum*; Type locality: Wash.: Seattle).
 — Hatch, 1957: 83 (*Eusphalerum*; subgenus *Onibathum*; characters; British Columbia; Washington; Oregon).
 — Moore and Legner, 1975: 191 (*Eusphalerum*; checklist).
 ▲ **DISTRIBUTION:** Canada, USA.
- gusarovi** Zanetti, 1993: 224, 225, 254 (*Eusphalerum*; Type locality: Kabardino-Balkaria near vill. Elbrus, the upper Shkhelda river 2500 m).
 ▲ **DISTRIBUTION:** Russia.
- hapalaraeoides** Zanetti, 1998: 147 (*Eusphalerum*; Type locality: Taiwan: Pingtung Hsien: Peitwushan Trail at 1500 m).
 ▲ **DISTRIBUTION:** Taiwan.
- heydeni** Bernhauer, 1902d: 704 (*Anthobium*; Type locality: Kischlar, Afghanistan).
 — Bernhauer and Schubert, 1910: 40 (*Anthobium*; catalog).
 — Herman, 2001: 13 (*Eusphalerum*).
 ▲ **DISTRIBUTION:** Afghanistan.
- hidakanum** Watanabe, 1990: 216 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Hokkaido: Mt. Poroshiri-dake, Hidaka).
 ▲ **DISTRIBUTION:** Japan.
- hirtellum** Fauvel, 1901a: 2 (*Anthobium*; Type locality: Japon Central).
 — Bernhauer and Schubert, 1910: 40 (*Anthobium*; catalog).
 — Watanabe, 1990: 224 (*Eusphalerum*; characters; Japan).
 ▲ **DISTRIBUTION:** Japan.
- hispanicum** Brisout, 1866: 362 (*Anthobium*; Type locality: Espagne: environs de l'Escorial).
 — Fauvel, 1869: 494 (*Anthobium*; synonym of *torquatum*).
 — Mulsant and Rey, 1880: 335 (*Anthobium*; characters; Spain).
 — Bernhauer and Schubert, 1910: 40 (*Anthobium*; catalog).
 — C. Koch, 1940: 372 (*Anthobium*; Spain).
 — Scheerpeltz, 1960d: 133 (*Anthobium*; subgenus *Eusphalerum*; Portugal).
 — Herman, 2001: 13 (*Eusphalerum*).
 ▲ **DISTRIBUTION:** Portugal, Spain.
- horni** Fauvel, 1878d: 202 [= 1878e: 38] (*Anthobium*; Type locality: Missouri; Géorgie).
 — Bernhauer and Schubert, 1910: 40 (*Anthobium*; catalog).
 — Blatchley, 1910: 481 (*Anthobium*; characters; Indiana).
 — Moore and Legner, 1975: 191 (*Eusphalerum*; checklist).
 — Downie and Arnett, 1996: 439 (*Eusphalerum*; characters; USA).
 ▲ **DISTRIBUTION:** USA.

hummleri Bernhauer, 1908, see: *baudii* Fiori, 1894.

ideyu Watanabe, 1990: 189 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Honshu: Gunma Pref.: Kirizumi).

▲ **DISTRIBUTION:** Japan.

imhoffii Heer, 1839, see: *longipenne* Erichson, 1839.

impressicolle Kiesenwetter, 1850: 222 (*Anthobium*; Type locality: Pyrenaei).

- Kiesenwetter, 1851a: 437 (*Anthobium*; characters; France).
- Fairmaire and Laboulbène, 1856: 647 (*Anthobium*; characters; France).
- Fauvel, 1871a: 71 [= 1872: 45] (*Eusphalerum*; characters; France).
- Mulsant and Rey, 1880: 310 (*Anthobium*; characters; France).
- Bernhauer and Schubert, 1910: 40 (*Anthobium*; catalog).
- Portevin, 1929: 454 (*Anthobium*; characters; France).
- Scheerpeltz, 1933: 1034 (*Anthobium*; catalog).
- Coiffait, 1959c: 234 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Pyrenees).

▲ **DISTRIBUTION:** France.

improvisum Luze, 1911b: 130 (*Anthobium*; replacement name for *fraternum* Luze).

- Scheerpeltz, 1933: 1034 (*Anthobium*; catalog).
 - C. Koch, 1940: 373 (*Anthobium*; Spain).
 - Coiffait, 1959c: 237 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Spanish and French Pyrenees).
 - Scheerpeltz, 1960d: 133 (*Anthobium*; subgenus *Eusphalerum*; Portugal).
 - Outerelo, 1980a: 54 (*Eusphalerum*; cited as *improvisum*; Spain).
- ▲ **DISTRIBUTION:** France, Portugal, Spain, Morocco, Algeria.

fraternum Luze, 1910: 231 (*Anthobium*; [**preoccupied**]; Type locality: Spanien, Sierra Nevada; Alger).

- Scheerpeltz, 1933: 1034 (*Anthobium*; synonym of *improvisum*).

luzei Roubal, 1915b: 102 (*Anthobium*; replacement name for *fraternum* Luze).

- Scheerpeltz, 1933: 1034 (*Anthobium*; synonym of *improvisum*).

indicum Champion, 1920: 243 (*Anthobium*; Type locality: Parachinar, Kurram Valley).

- Cameron, 1930: 136 (*Anthobium*; subgenus *Eusphalerum*; characters; India).
- Scheerpeltz, 1933: 1034 (*Anthobium*; catalog).
- Scheerpeltz, 1976a: 99 (*Anthobium*; characters).
- Coiffait, 1984: 118 (*Eusphalerum*).

▲ **DISTRIBUTION:** Pakistan.

iranicum Coiffait, 1976, see: *sorbi* Gyllenhal, 1810.

ispartensis Coiffait, 1979, see: *korbi* Bernhauer, 1903.

italicum C. Koch, 1938: 139 (*Anthobium*; Type locality: Lazio: Filettino, M.te Pagano. Sicilia).

- Coiffait, 1959c: 229 (*Eusphalerum*; subgenus *Abinothum*; characters; Italy).
- Zanetti, 1980: 160 (*Eusphalerum*; characters; Italy).
- Zanetti, 1980b: 623 (*Eusphalerum*; Italy).
- Zanetti, 1987: 109 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Zanetti, 1995: 5 (*Eusphalerum*; Italy).

▲ **DISTRIBUTION:** Italy.

fulvicorne Coiffait, 1959c: 229 (*Eusphalerum*; subgenus *Abinothum*; aberration of *italicum*; [**Note: Nomen nudum** (Articles 1.3.4, 45.5)]; locality cited: Toscane, Monte Cetona).

- Zanetti, 1980: 160 (*Eusphalerum*; synonym of *italicum*).

audisioi Zanetti, 1980: 165 (*Eusphalerum*; subgenus *Abinothum*; subspecies of *italicum*; Type locality: M. Terminillo, prov. di Rieti).

- Zanetti, 1987: 109 (*Eusphalerum*; subgenus *Eusphalerum*; subspecies of *italicum*; characters; Italy).
- Zanetti, 1995: 5 (*Eusphalerum*; subspecies of *italicum*; Italy).

binaghii Zanetti, 1980: 162 (*Eusphalerum*; subgenus *Abinothum*; subspecies of *italicum*;
Type locality: M. Sibilla [M. Sibillini, Marche], 2000 m).

— Zanetti, 1987: 109 (*Eusphalerum*; subgenus *Eusphalerum*; subspecies of *italicum*; characters;
Italy).

— Zanetti, 1995: 5 (*Eusphalerum*; subspecies of *italicum*; Italy).

japonicum Bernhauer, 1909: 52 (*Anthobium*; Type locality: Japan, Okayama).

— Bernhauer and Schubert, 1910: 40 (*Anthobium*; catalog).

— Watanabe, 1990: 225 (*Eusphalerum*; characters; Japan).

▲ **DISTRIBUTION:** Japan.

jurassicum Jarrige, 1946a: 110 (*Anthobium*; Type locality: France: Jougne, Jura).

— Coiffait, 1959c: 221 (*Eusphalerum*; subgenus *Abinothum*; characters; Jura).

— Lohse, 1964: 36 (*Eusphalerum*; subgenus *Pareusphalerum*; characters; central Europe).

— Lucht, 1987: 85 (*Eusphalerum*).

▲ **DISTRIBUTION:** France.

kahleni Zanetti, 1986: 88 (*Eusphalerum*; Type locality: Gomagoi, Stelvio, Bolzano, 1300 m).

— Zanetti, 1987: 122 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy; Switzerland;
France).

— Zanetti, 1995: 5 (*Eusphalerum*; Italy).

— Assing, Frisch, Kahlen, et al., 1998: 122 (*Eusphalerum*; characters; Austria).

▲ **DISTRIBUTION:** Italy, Austria, Switzerland, France.

kaiji Watanabe, 1990: 197 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan:
Honshu: Yamanashi Pref.: Masutomi).

▲ **DISTRIBUTION:** Japan.

kambaitiense Scheerpeltz, 1965: 147 (*Anthobium*; subgenus *Eusphalerum*; Type locality:
N.E. Burma, Kambaiti, 7000 ft.).

— Herman, 2001: 13 (*Eusphalerum*).

▲ **DISTRIBUTION:** Myanmar.

kamduschense Coiffait, 1982b: 78 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality:
Afghanistan: Nouristan: Kamdesch, 2000 m).

▲ **DISTRIBUTION:** Afghanistan.

kamui Watanabe, 1990: 213 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan:
Hokkaido: Sôunkyô).

▲ **DISTRIBUTION:** Japan.

kana Watanabe, 1993a: 807 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Asato-tôge,
Naze City, Amami-ôshima Is., Ryukyus, Japan).

▲ **DISTRIBUTION:** Japan.

kaoru Watanabe, 1990: 242 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan:
Honshu: Yamanashi Pref.: Mt. Daibosatsu).

▲ **DISTRIBUTION:** Japan.

kasumi Watanabe, 1990: 210 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan:
Honshu: Gunma Pref.: near Kirizumi).

▲ **DISTRIBUTION:** Japan.

kirizumiense Watanabe, 1990: 230 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality:
Japan: Honshu: Gunma Pref.: Kirizumi).

▲ **DISTRIBUTION:** Japan.

korbi Bernhauer, 1903b: 192 (*Anthobium*; Type locality: Antolien: Ak-Chehir).

— Bernhauer and Schubert, 1910: 40 (*Anthobium*; catalog).

— Tikhomirova, 1973a: 137 (*Eusphalerum*; subgenus *Eusphalerum*; checklist; Turkey).

— Zanetti, 1993: 221, 260 (*Eusphalerum*; subgenus *Pareusphalerum*; characters; catalog; Turkey).

▲ **DISTRIBUTION:** Turkey.

anatolicum Coiffait, 1978f: 271 (*Eusphalerum*; [**preoccupied**]; Type locality: environs
d'Isparta).

— Zanetti, 1993: 260 (*Eusphalerum*; synonym of *korbi*).

ispartensis Coiffait, 1979c: 319 (*Eusphalerum*; replacement name for *anatolicum* Coiffait).
— Zanetti, 1993: 260 (*Eusphalerum*; synonym of *korbi*).

- kraatzii** Jacquelin du Val, 1857: pl. 27, fig. 134 (*Anthobium*; Type locality: Not cited).
— Jacquelin du Val, 1857: 78 (*Anthobium*; [**Note:** Misidentified as *longipenne* Erichson with the citation “Pl. 27, Fig 134 *longipenne* Er.”; that figure is identified on the plate as *Anthobium kraatzii*; Bernhauer and Schubert, 1910: 40 cited *longipenne* Jacquelin du Val as a synonym of *kraatzii*]).
— Brisout, 1863: 43 (*Anthobium*; characters; France).
— Fauvel, 1871a: 69 [= 1872: 43] (*Eusphalerum*; characters; France).
— Mulsant and Rey, 1880: 379 (*Anthobium*; characters; France).
— Ganglbauer, 1895: 753 (*Anthobium*; characters; Pyrenees; Croatia; Bosnia).
— Bernhauer and Schubert, 1910: 40 (*Anthobium*; catalog).
— Portevin, 1929: 455 (*Anthobium*; characters; France).
— Scheerpeltz, 1933: 1034 (*Anthobium*; catalog).
— Coiffait, 1959c: 224 (*Eusphalerum*; subgenus *Abinothum*; characters; Pyrenees).
— Horion, 1963: 38 (*Anthobium*; France; Spain; Bosnia; Croatia; Italy; Austria).
— Lohse, 1964: 30 (*Eusphalerum*; subgenus *Abinothum*; characters; central Europe).
— Klinger, 1980: 455 (*Eusphalerum*; subgenus *Abinothum*; characters of abdominal defensive gland).
— Tóth, 1982: 37 (*Eusphalerum*; characters).
— Lucht, 1987: 85 (*Eusphalerum*; checklist; Austria).
▲ **DISTRIBUTION:** France, Croatia, Bosnia Hercegovina.

krasae Roubal, 1940, see: *pruinorum* Fauvel, 1871.

- kumoma** Watanabe, 1990: 196 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Honshu: Kamegaiki-Katanokoya on Mt. Norikura, N. Jpn. Alps).
▲ **DISTRIBUTION:** Japan.

- kyushuense** Watanabe, 1990: 221 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Kyushu: Fukuoka Pref.: Mt. Hōman).
▲ **DISTRIBUTION:** Japan.

- lacinipenne** Scheerpeltz, 1976: 6 (*Anthobium*; subgenus *Eusphalerum*; Type locality: Nepal: Basislager Yaral bei Pangpoche, 3900 m).
— Scheerpeltz, 1976a: 78, 100 (*Anthobium*; subgenus *Eusphalerum*; characters; Nepal).
— Herman, 2001: 13 (*Eusphalerum*).
▲ **DISTRIBUTION:** Nepal.

laevipenne Baudi, 1870, see: *stramineum* Kraatz, 1857.

- lapponicum** Mannerheim, 1830: 52 (*Omalium*; Type locality: Lapponiae: Utsjock).
— Mannerheim, 1831: 466 (*Omalium*; Lapland).
— Zetterstedt, 1838: 50 (*Omalium*; characters; habitat; Lapland).
— Erichson, 1840: 899 (*Anthobium*; characters; Lapland).
— Thomson, 1861: 203 (*Anthobium*; characters; Scandinavia).
— J. Sahlberg, 1876: 215 (*Anthobium*; Finland).
— Fowler, 1888: 426 (*Anthobium*; characters; Britain).
— Ganglbauer, 1895: 750 (*Anthobium*; subgenus *Eusphalerum*; characters; Sudeten; Finland; Lapland; Scotland).
— Reitter, 1909: 196 (*Anthobium*; subgenus *Eusphalerum*; characters; Germany).
— Bernhauer and Schubert, 1910: 40 (*Anthobium*; catalog).
— Luze, 1910: 228 (*Anthobium*; notes).
— Scheerpeltz, 1933: 1034 (*Anthobium*; catalog).
— Van Dyke, 1924: 16 (*Omalium*; Alaska).
— L. Benick, 1943b: 601 (*Anthobium*; characters).
— Palm, 1948: 60 (*Anthobium*; characters; Sweden; Norway; Finland).
— Horion, 1963: 47 (*Anthobium*; subgenus *Eusphalerum*; Finland; Russia; Sweden; Norway; Scotland; Germany).
— Lohse, 1964: 35 (*Eusphalerum*; subgenus *Eusphalerum*; characters; central Europe).

- Tikhomirova, 1973a: 137 (*Eusphalerum*; subgenus *Eusphalerum*; checklist; mountains of Central Europe; northern Europe; Urals).
- Lucht, 1987: 86 (*Eusphalerum*; checklist; Poland; Czechoslovakia).
- Zanetti, 1993a: 55 (*Eusphalerum*; Siberia).
- Boháč, 1993: 40 (*Eusphalerum*; subgenus *Eusphalerum*; Czech Republic).

▲ **DISTRIBUTION:** Finland, Germany, Russia, USA.

flavipenne Erichson, 1840: 896 (*Anthobium*; Type locality: in Lapponia).

- Kraatz, 1857d: 1010 (*Anthobium*; synonym of *minutum*).
- Thomson, 1861: 203 (*Anthobium*; synonym of *lapponicum*).
- Ganglbauer, 1895: 750 (*Anthobium*; synonym of *lapponicum*).
- Bernhauer and Schubert, 1910: 40 (*Anthobium*; synonym of *lapponicum*).

granulipenne J. Sahlberg, 1871a: 424 (*Anthobium*; Type locality: Muonioniska).

- J. Sahlberg, 1876: 216 (*Anthobium*; characters; Finland).
- Bernhauer and Schubert, 1910: 40 (*Anthobium*; catalog).
- Luze, 1910: 228 (*Anthobium*; synonym of *lapponicum*).
- Scheerpeltz, 1933: 1034 (*Anthobium*; synonym of *lapponicum*).

lawrencei Hatch, 1957: 83 (*Eusphalerum*; subgenus *Onibathum*; Type locality: Oregon: Ashland).

- Moore and Legner, 1975: 191 (*Eusphalerum*; checklist).

▲ **DISTRIBUTION:** USA.

levasseuri Coiffait, 1959, see: *montivagum* Heer, 1839.

lewisi Cameron, 1930c: 182 (*Anthobium*; subgenus *Eusphalerum*; Type locality: Kyushu: Mt. Unzen, alt. 2000 feet).

- Scheerpeltz, 1933: 1034 (*Anthobium*; catalog).
- Watanabe, 1990: 204 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Japan).

▲ **DISTRIBUTION:** Japan.

liepolti Bernhauer, 1943: 71 (*Anthobium*; Type locality: Umgebung von Gottschee, Krain).

- Zanetti, 1982a: 93 (*Eusphalerum*; characters).

▲ **DISTRIBUTION:** Slovenia.

limbatum Erichson, 1840: 894 (*Anthobium*; Type locality: Hercynia; Austria).

- Redtenbacher, 1849: 754 (*Anthobium*; characters; Austria).
- Fairmaire and Laboulbène, 1856: 650 (*Anthobium*; characters; France).
- Redtenbacher, 1857: 254 (*Anthobium*; characters; Austria).
- Kraatz, 1857d: 1008 (*Anthobium*; characters; Germany).
- Fauvel, 1871a: 64 [= 1872: 38] (*Eusphalerum*; characters; France; Germany; Switzerland; Italy).
- Fauvel, 1873b: 111 [= 1873c: 4] (*Anthobium*; Austria).
- Redtenbacher, 1874: 279 (*Anthobium*; characters; Austria).
- Mulsant and Rey, 1880: 325 (*Anthobium*; characters; France).
- Ganglbauer, 1895: 750 (*Anthobium*; subgenus *Eusphalerum*; characters; middle Europe).
- Reitter, 1909: 195 (*Anthobium*; subgenus *Eusphalerum*; characters; Germany).
- Bernhauer and Schubert, 1910: 40 (*Anthobium*; catalog).
- Portevin, 1929: 451 (*Anthobium*; characters; France).
- Scheerpeltz, 1933: 1034 (*Anthobium*; catalog).
- Freude, 1957: 109 (*Anthobium*; Germany).
- Coiffait, 1959c: 243 (*Eusphalerum*; subgenus *Eusphalerum*; characters; France).
- Horion, 1963: 45 (*Anthobium*; subgenus *Eusphalerum*; Holland; Belgium; France; Switzerland; Switzerland; Italy; Romania; Hungary; Czechoslovakia; Poland; Germany; Austria).
- Lohse, 1964: 33 (*Eusphalerum*; subgenus *Eusphalerum*; characters; central Europe).
- Scheerpeltz, 1968a: 6 (*Anthobium*; catalog; Austria).
- Tikhomirova, 1973a: 137 (*Eusphalerum*; checklist; USSR).
- Zanetti, 1978b: 85 (*Eusphalerum*; collecting notes; Italy).
- Muona, 1979: 17 (*Eusphalerum*; Baltic States).
- Burakowski, Mroczkowski, and Stefańska, 1979: 19 (*Eusphalerum*; synonym of *adustum*).

- Klinger, 1980: 456 (*Eusphalerum*; subgenus *Onibathum*; characters of abdominal defensive gland).
- Zanetti, 1981: 210 (*Eusphalerum*; characters).
- Zanetti, 1982: 137, 140, 147 (*Eusphalerum*; characters; discussion of subspecies; Belgium; France; Switzerland; Germany; Austria; Czechoslovakia; Hungary; Yugoslavia; Italy).
- Tóth, 1982: 44 (*Eusphalerum*; characters; Hungary).
- Klinger, 1983: 38 (*Eusphalerum*; natural history notes; Germany).
- Terlutter, 1984: 13, 37 (*Eusphalerum*; notes; Germany).
- Zanetti, 1987: 127 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Lucht, 1987: 86 (*Eusphalerum*; checklist; Germany; Poland; Czechoslovakia; Austria; Switzerland; Belgium; Netherlands; Luxembourg; France).
- Lohse and Lucht, 1989: 125 (*Eusphalerum*; characters).
- Dettner and Reissenweber, 1991 (*Eusphalerum*; defensive secretions: chemistry and systematics).
- Silfverberg, 1992: 21 (*Eusphalerum*; Estonia).
- Boháč, 1993: 40 (*Eusphalerum*; synonym of *adustum*).
- Zanetti, 1995: 5 (*Eusphalerum*; Italy).
- Ádám, 1996: 237 (*Eusphalerum*; synonym of *adustum*).

▲ **DISTRIBUTION:** Europe.

adustum Heer, 1839: 182 (*Omalium*; [**Note:** This name is older than *limbatum*]; Type locality: Genf).

- Heer, 1841: 570 (*Omalium*; characters).
- Fairmaire and Laboulbène, 1856: 649 (*Anthobium*; characters; France).
- Redtenbacher, 1857: 256 (*Anthobium*; characters; Germany).
- Kraatz, 1857d: 1008 (*Anthobium*; synonym of *limbatum*).
- Redtenbacher, 1874: 281 (*Anthobium*; characters).
- Ganglbauer, 1895: 750 (*Anthobium*; synonym of *limbatum*).
- Bernhauer and Schubert, 1910: 40 (*Anthobium*; synonym of *limbatum*).
- Scheerpeltz, 1933: 1034 (*Anthobium*; synonym of *limbatum*).
- Burakowski, Mroczkowski, and Stefańska, 1979: 19 (*Eusphalerum*; cited as valid name; catalog; Poland).
- Boháč, 1993: 40 (*Eusphalerum*; subgenus *Eusphalerum*; Czech Republic; Slovakia).
- Ádám, 1996: 237 (*Eusphalerum*; valid name; Hungary).

fuscipenne Heer, 1839: 183 (*Omalium*; [**Note:** This name is older than *limbatum*]; Type locality: Bern; Zürich).

- Kraatz, 1857d: 1008 (*Anthobium*; synonym of *limbatum*).
- Ganglbauer, 1895: 750 (*Anthobium*; synonym of *limbatum*).
- Bernhauer and Schubert, 1910: 40 (*Anthobium*; synonym of *limbatum*).

analogicum Roubal, 1915: 19 (*Anthobium*; variety of *limbatum*; Type locality: Pribram auf Tremosna).

- Scheerpeltz, 1933: 1034 (*Anthobium*; aberration of *limbatum*).

romani Coiffait, 1964e: 129 (*Eusphalerum*; Type locality: France: Col de Crozet, Ain).

- Zanetti, 1987: 127 (*Eusphalerum*; synonym of *limbatum*).

diolii Zanetti, 1982: 141 (*Eusphalerum*; subspecies of *limbatum*; Type locality: Oropa: Piemonte, Biellese).

- Zanetti, 1987: 127 (*Eusphalerum*; subgenus *Eusphalerum*; subspecies of *limbatum*; characters; Italy).
- Zanetti, 1995: 5 (*Eusphalerum*; subspecies of *limbatum*; Italy).

paternum Zanetti, 1982: 142 (*Eusphalerum*; subspecies of *limbatum*; Type locality: Bosco del Cansiglio, Veneto-Friuli, Pian dell'Osteria).

- Zanetti, 1987: 127 (*Eusphalerum*; subgenus *Eusphalerum*; subspecies of *limbatum*; characters; Italy).
- Lohse and Lucht, 1989: 125 (*Eusphalerum*; subspecies of *limbatum*; characters).
- Zanetti, 1995: 5 (*Eusphalerum*; subspecies of *limbatum*; Italy).

visentinii Zanetti, 1982: 146 (*Eusphalerum*; subspecies of *limbatum*; Type locality: Stazione Carnia, Friuli, loc. Rio de Stali Togliazzo, Rio Lavàrie d P. di Portolans).

— Zanetti, 1987: 127 (*Eusphalerum*; subgenus *Eusphalerum*; subspecies of *limbatum*; characters; Italy).

— Lohse and Lucht, 1989: 125 (*Eusphalerum*; subspecies of *limbatum*; characters).

— Zanetti, 1995: 5 (*Eusphalerum*; subspecies of *limbatum*; Italy).

lindbergi Bernhauer, 1931e: 7 (*Anthobium*; Type locality: Spanien: Sierra Morena, Santa Helena).

— Scheerpeltz, 1933: 1034 (*Anthobium*; catalog).

— Scheerpeltz, 1960d: 133 (*Anthobium*; subgenus *Eusphalerum*; Portugal).

— Herman, 2001: 13 (*Eusphalerum*).

▲ **DISTRIBUTION:** Portugal, Spain.

loebli Zanetti, 1993, see: *caucasicum* Bernhauer, 1908.

lombardum Coiffait, 1959, see: *montivagum* Heer, 1839.

longipenne Erichson, 1839a: 640 (*Anthobium*; [**preoccupied**]; Type locality: Mark Brandenburg).

— Erichson, 1840: 898 (*Anthobium*; characters; Germany; Sweden).

— Heer, 1841: 570 (*Omalium*; synonym of *imhoffi*).

— Redtenbacher, 1849: 754 (*Anthobium*; characters; Austria).

— Fairmaire and Laboulbène, 1856: 651 (*Anthobium*; characters; France).

— Redtenbacher, 1857: 255 (*Anthobium*; characters; Austria).

— Kraatz, 1857d: 1015 (*Anthobium*; characters; Germany).

— Fauvel, 1871a: 76 [= 1872: 50] (*Eusphalerum*; characters; France; Germany; Switzerland; Italy; Austria; Spain).

— Fauvel, 1873b: 112 [= 1873c: 5] (*Anthobium*; Sardinia; Russia).

— Redtenbacher, 1874: 279 (*Anthobium*; characters; Austria).

— Seidlitz, 1875: 238 (*Anthobium*; characters; Baltic region).

— J. Sahlberg, 1876: 216 (*Anthobium*; characters; Finland).

— Mulsant and Rey, 1880: 367 (*Anthobium*; characters; France).

— Ganglbauer, 1895: 754 (*Anthobium*; characters; Finland; middle Europe; Italy; Spain).

— Reitter, 1909: 197 (*Anthobium*; characters; Germany).

— Bernhauer and Schubert, 1910: 40 (*Anthobium*; catalog).

— Portevin, 1929: 455 (*Anthobium*; characters; France).

— Scheerpeltz, 1933: 1034 (*Anthobium*; catalog).

— Palm, 1948: 61 (*Anthobium*; characters).

— Blackwelder, 1952: 32 (*Abinothum*; type species).

— Freude, 1957: 106 (*Anthobium*; Germany).

— Coiffait, 1959c: 230 (*Eusphalerum*; subgenus *Abinothum*; [**Note:** Misidentified as *dissimilis* according to Zanetti, 1982: 116]; characters; Silesia; Croatia; Venetia).

— Horion, 1963: 36 (*Anthobium*; Russia; Poland; Czechoslovakia; Hungary; Romania; Bosnia; Slovenia; Italy; Switzerland; France; Germany; Austria).

— Lohse, 1964: 31 (*Eusphalerum*; subgenus *Abinothum*; characters; central Europe).

— Szujeci, 1968a: 710 (*Eusphalerum*; Poland).

— Scheerpeltz, 1968a: 5 (*Anthobium*; catalog; Austria).

— Tikhomirova, 1973a: 137 (*Eusphalerum*; checklist; USSR).

— Klinger and Maschwitz, 1977: 402 (*Eusphalerum*; morphology and chemical secretions of defensive glands).

— Muona, 1979: 17 (*Eusphalerum*; Russia; Baltic States).

— Burakowski, Mroczkowski, and Stefańska, 1979: 18 (*Eusphalerum*; catalog; Poland).

— Tóth, 1980: 96 (*Anthobium*; Hungary).

— Klinger, 1980: 455 (*Eusphalerum*; subgenus *Abinothum*; characters of abdominal defensive gland).

— Zanetti, 1982: 116 (*Eusphalerum*; characters; Italy).

— Tóth, 1982: 38 (*Eusphalerum*; characters; Hungary).

— Klinger, 1983: 38 (*Eusphalerum*; natural history notes; Germany).

- Terlutter, 1984: 10, 37 (*Eusphalerum*; notes; Germany).
- Segers, 1986: 18 (*Eusphalerum*; Belgium).
- Zanetti, 1987: 103 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Lucht, 1987: 85 (*Eusphalerum*; Germany; Poland; Czechoslovakia; Austria; Switzerland; France; Benelux).
- K. Koch, 1989: 218 (*Eusphalerum*; habitat).
- Silfverberg, 1992: 21 (*Eusphalerum*; Russia; Latvia).
- Boháč, 1993: 40 (*Eusphalerum*; subgenus *Abinothium*; Czech Republic; Slovakia).
- Zanetti, 1995: 5 (*Eusphalerum*; Italy).
- Ádám, 1995: 41 (*Eusphalerum*; synonym of *imhoffii*).
- Ádám, 1996: 237 (*Eusphalerum*; synonym of *imhoffii*).
- Eisinger, 1997: 169 (*Eusphalerum*; collecting notes; Germany).
- Pašník, 1998: 69 (*Eusphalerum*; habitat; Poland).
- Köhler, 1998: 159 (*Eusphalerum*; habitat notes; Germany).
- Herman, 2001: 36 (*Eusphalerum*; prevailing use as valid maintained pending outcome of application to Commission under Article 23.9.3).

▲ **DISTRIBUTION:** Europe.

imhoffii Heer, 1839: 184 (*Omalium*; Type locality: Pilatus).

- Fauvel, 1871a: 76 [= 1872: 50] (*Eusphalerum*; synonym of *longipenne*).
- Ganglbauer, 1895: 754 (*Anthobium*; synonym of *longipenne*).
- Bernhauer and Schubert, 1910: 40 (*Anthobium*; synonym of *longipenne*).
- Zanetti, 1987: 103 (*Eusphalerum*; synonym of *longipenne*).
- Ádám, 1995: 41 (*Eusphalerum*; valid species; Hungary).
- Ádám, 1996: 237 (*Eusphalerum*; valid species; Hungary).
- Herman, 2001: 37 (*Eusphalerum*; synonym of *longipenne*).

longiusculum Gemminger and Harold, 1868 [**Note: Nomen nudum**], see: *anale* Erichson, 1840.

longulum Kiesenwetter, 1847, see: *anale* Erichson, 1840.

lunae Hatch, 1957: 84 (*Eusphalerum*; subgenus *Onibathum*; Type locality: Ida.: Craters of the Moon Nat. Mon.).

- Moore and Legner, 1975: 191 (*Eusphalerum*; checklist).

▲ **DISTRIBUTION:** USA.

luigionii Bernhauer, 1940, see: *cerrutii* Bernhauer, 1940.

luteicorne Erichson, 1840: 897 (*Anthobium*; Type locality: Sicilia; [**Note:** See lectotype designation by Zanetti, 1991a]).

- Fauvel, 1878: 88 [= 1878a: 8] (*Anthobium*; Algeria).
- Fauvel, 1886: 13 [= 1886a: 5] (*Anthobium*; Algeria; Tunisia).
- Fauvel, 1902b: 51 (*Anthobium*; Algeria; Tunisia).
- Bernhauer and Schubert, 1910: 40 (*Anthobium*; catalog).
- Coiffait, 1959c: 235 (*Eusphalerum*; subgenus *Eusphalerum*; characters; North Africa; Sicily; Sardinia).
- Zanetti, 1987: 119 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Zanetti, 1991a: 26 (*Eusphalerum*; lectotype designation; characters; notes; Sicily; Tunisia; Algeria).
- Sparacio, 1995: 139 (*Eusphalerum*; characters; notes; Sicily).
- Zanetti, 1995: 5 (*Eusphalerum*; Italy).
- Zanetti and Sabella, 1998: 28 (*Eusphalerum*; Sicily).

▲ **DISTRIBUTION:** Spain, Italy, Sicily, Sardinia, Algeria, Tunisia.

cincticolle Chevrolat, 1860: 448 (*Anthobium*; Type locality: environs d' Alger).

- Fauvel, 1865c: 18 [= 1866: 25] (*Anthobium*; synonym of *maculicolle*).
- Fauvel, 1878: 88 [= 1878a: 8] (*Anthobium*; synonym of *luteicorne*).
- Fauvel, 1902b: 51 (*Anthobium*; synonym of *luteicorne*).
- Bernhauer and Schubert, 1910: 40 (*Anthobium*; synonym of *luteicorne*).
- Zanetti, 1987: 119 (*Eusphalerum*; synonym of *luteicorne*).
- Zanetti, 1991a: 26 (*Eusphalerum*; subspecies of *luteicorne*; characters; Algeria).

maculicolle Fairmaire, 1860b: 164 (*Anthobium*; Type locality: Bône).

— Fauvel, 1878: 88 [= 1878a: 8] (*Anthobium*; synonym of *luteicornes*).

— Fauvel, 1902b: 51 (*Anthobium*; synonym of *luteicornes*).

— Bernhauer and Schubert, 1910: 40 (*Anthobium*; variety of *luteicornes*).

— Zanetti, 1987: 119 (*Eusphalerum*; synonym of *luteicornes*).

tibiale Luze, 1910: 237 (*Anthobium*; [**preoccupied**]; Type locality: Algier, Oran).

— Scheerpeltz, 1933: 1032 (*Anthobium*; synonym of *africanum*).

— Zanetti, 1991a: 26 (*Eusphalerum*; synonym of *luteicornes cincticolle*).

goetzelmanni Luze, 1910: 230 (*Anthobium*; Type locality: Tunis, Gafsa).

— Scheerpeltz, 1933: 1034 (*Anthobium*; catalog).

— Zanetti, 1991a: 26 (*Eusphalerum*; synonym of *luteicornes*).

africanum Roubal, 1915b: 102 (*Anthobium*; replacement name for *tibiale* Luze).

— Scheerpeltz, 1933: 1032 (*Anthobium*; catalog).

— Zanetti, 1991a: 26 (*Eusphalerum*; synonym of *luteicornes cincticolle*).

luteipenne Erichson, 1840, see: *alpinum* Heer, 1839.

luteoides Zanetti, 1998: 140 (*Eusphalerum*; Type locality: Taiwan: Pingtung Hsien: Peitawushan Ridge, 2800–2910 m).

▲ **DISTRIBUTION:** Taiwan.

luteum Marsham, 1802: 128 (*Silpha*; Type locality: Britain).

— Germar, 1827: 6 (*Omalium*; synonym of *ophthalmicum*).

— Stephens, 1834: 338 (*Anthobium*; characters; England).

— Stephens, 1839: 425 (*Anthobium*; variety of *sorbi*; characters; England).

— Hardy, 1851: 63 (*Anthobium*; variety of *sorbi*).

— Fairmaire and Laboulbène, 1856: 650 (*Anthobium*; synonym of *sorbi*).

— Kraatz, 1857d: 1018 (*Anthobium*; synonym of *sorbi*).

— G. Waterhouse, 1858: 32 (*Anthobium*; synonym of *ophthalmicum*).

— Mulsant and Rey, 1880: 336 (*Anthobium*; synonym of *sorbi*).

— Ganglbauer, 1895: 752 (*Anthobium*; synonym of *ophthalmicum*).

— Bernhauer and Schubert, 1910: 42 (*Anthobium*; synonym of *ophthalmicum*).

— Steel, 1970a: 9 (*Eusphalerum*; biological notes).

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

— Hammond, 1980: 137 (*Eusphalerum*; Ireland).

— Zanetti, 1982: 126, 128 (*Eusphalerum*; characters; discussion of races; Italy).

— Zanetti, 1987: 137 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).

— Drugmand, 1992a: 35 (*Eusphalerum*; characters; collection notes; Belgium).

— Welch, 1993: 227 (*Eusphalerum*; ovariole number and ovary structure).

— Boháč, 1993: 40 (*Eusphalerum*; subgenus *Eusphalerum*; Czech Republic; Slovakia).

— Zanetti, 1995: 5 (*Eusphalerum*; Italy).

▲ **DISTRIBUTION:** Europe, Russia.

ophthalmicum Paykull, 1800: 409 (*Staphylinus*; [**preoccupied**]; Type locality: Westrogothia).

— Gyllenhal, 1810: 205 (*Omalium*; characters; Sweden).

— Olivier, 1811: 479 (*Omalium*; characters; Germany).

— Gyllenhal, 1827: 464 (*Omalium*).

— Germar, 1827: 6 (*Omalium*; characters; Germany; England; Sweden).

— Curtis, 1829: 28 (*Anthobium*; catalog; Britain).

— Mannerheim, 1830: 53 (*Omalium*; Sweden).

— Mannerheim, 1831: 467 (*Omalium*; Sweden).

— Stephens, 1834: 339 (*Anthobium*; characters; England).

— Lacordaire, 1835: 490 (*Omalium*; characters; France).

— Erichson, 1839a: 641 (*Anthobium*; synonym of *sorbi*).

— Heer, 1839: 183 (*Omalium*; characters; Switzerland).

— Stephens, 1839: 425 (*Anthobium*; characters; England).

— Erichson, 1840: 894 (*Anthobium*; characters; Sweden; Germany).

- Laporte, 1840: 191 (*Omalium*; characters; France; Germany).
- Redtenbacher, 1849: 753 (*Anthobium*; characters; Austria).
- Fairmaire and Laboulbène, 1856: 650 (*Anthobium*; characters; France).
- Baudi, 1857: 114 (*Anthobium*; notes).
- Redtenbacher, 1857: 254 (*Anthobium*; characters; Austria).
- Kraatz, 1857d: 1017 (*Anthobium*; characters; Germany).
- Thomson, 1861: 203 (*Anthobium*; characters; Scandinavia).
- Baudi, 1870: 404 (*Anthobium*; characters).
- Fauvel, 1871a: 68 [= 1872: 42] (*Eusphalerum*; characters; France; Scandinavia; Britain; Germany; Switzerland; Italy).
- Fauvel, 1873b: 111 [= 1873c: 4] (*Anthobium*; Austria; Russia).
- Redtenbacher, 1874: 279 (*Anthobium*; characters; Austria).
- Seidlitz, 1875: 238 (*Anthobium*; characters; Baltic region).
- J. Sahlberg, 1876: 216 (*Anthobium*; Finland).
- Mulsant and Rey, 1880: 343 (*Anthobium*; characters; France).
- Fowler, 1888: 426 (*Anthobium*; characters; Britain).
- Ganglbauer, 1895: 752 (*Anthobium*; subgenus *Eusphalerum*; characters; north and middle Europe).
- Reitter, 1909: 195 (*Anthobium*; subgenus *Eusphalerum*; characters; Germany).
- Bernhauer and Schubert, 1910: 41 (*Anthobium*; catalog).
- Johansen, 1914: 624 (*Anthobium*; characters; Denmark).
- Portevin, 1929: 452 (*Anthobium*; characters; France).
- Scheerpeltz, 1933: 1035 (*Anthobium*; catalog).
- Palm, 1948: 58 (*Anthobium*; characters; Sweden; Denmark; Norway; Finland).
- Freude, 1957: 107 (*Anthobium*; Germany).
- Coiffait, 1959c: 246 (*Eusphalerum*; subgenus *Eusphalerum*; characters; France).
- Horion, 1963: 39 (*Anthobium*; subgenus *Eusphalerum*; Britain; Norway; Sweden; Finland; Russia; Denmark; Holland; Belgium; France; Switzerland; Italy; Bosnia; Romania; Czechoslovakia; Poland; Austria; Germany).
- Lohse, 1964: 32 (*Eusphalerum*; subgenus *Eusphalerum*; characters; central Europe).
- Klinger, 1980: 456 (*Eusphalerum*; subgenus *Onibathum*; characters of abdominal defensive gland).
- Pope, 1977: 23 (*Eusphalerum*; synonym of *luteum*).
- Zanetti, 1982: 128 (*Eusphalerum*; synonym of *luteum*).
- Zanetti, 1980b: 623 (*Eusphalerum*; Italy).
- Tóth, 1982: 40 (*Eusphalerum*; characters; Hungary).
- Klinger, 1983: 38 (*Eusphalerum*; natural history notes; Germany).
- Zanetti, 1987: 137 (*Eusphalerum*; synonym of *luteum*).
- Lucht, 1987: 86 (*Eusphalerum*; checklist; Germany; Poland; Czechoslovakia; Austria; Switzerland; France; Benelux; Denmark; Sweden).
- Dettner and Reissenweber, 1991 (*Eusphalerum*; defensive secretions: chemistry and systematics).
- Boháč, 1993: 40 (*Eusphalerum*; synonym of *luteum*).
- Zanetti, 1995: 5 (*Eusphalerum*; synonym of *luteum*).
- M. Hansen, 1996: 95 (*Eusphalerum*; synonym of *luteum*).
- pallidum* Gravenhorst, 1806: 217 (*Omalium*; Type locality: Not cited).
 - Gyllenhal, 1810: 205 (*Omalium*; synonym of *ophthalmicum*).
 - Olivier, 1811: 480 (*Omalium*; characters; Europe).
 - Germar, 1827: 6 (*Omalium*; synonym of *ophthalmicum*).
 - Erichson, 1840: 894 (*Anthobium*; synonym of *ophthalmicum*).
 - Redtenbacher, 1849: 753 (*Anthobium*; synonym of *ophthalmicum*).
 - Fairmaire and Laboulbène, 1856: 650 (*Anthobium*; synonym of *ophthalmicum*).
 - Kraatz, 1857d: 1017 (*Anthobium*; synonym of *ophthalmicum*).
 - Mulsant and Rey, 1880: 344 (*Anthobium*; synonym of *ophthalmicum*).
 - Ganglbauer, 1895: 752 (*Anthobium*; synonym of *ophthalmicum*).
 - Bernhauer and Schubert, 1910: 42 (*Anthobium*; synonym of *ophthalmicum*).
 - Pope, 1977: 23 (*Eusphalerum*; synonym of *luteum*).

discinum Gredler, 1863: 127 (*Anthobium*; variety of *ophthalmicum*; Type locality: Schloss-Ruine Gfrill am Gampen).

- Fauvel, 1873b: 111 [= 1873c: 4] (*Anthobium*; synonym of *nigriceps*).
- Ganglbauer, 1895: 752 (*Anthobium*; synonym of *ophthalmicum*).
- Bernhauer and Schubert, 1910: 42 (*Anthobium*; synonym of *ophthalmicum*).
- Scheerpeltz, 1933: 1036 (*Anthobium*; variety of *ophthalmicum*).
- Zanetti, 1982: 128 (*Eusphalerum*; synonym of *luteum*).
- Tóth, 1982: 40 (*Eusphalerum*; variety of *ophthalmicum*; characters).
- Zanetti, 1987: 137 (*Eusphalerum*; synonym of *luteum*).

dispar Baudi, 1889: 74 [= 1890: 122] (*Anthobium*; variety of *ophthalmicum*, cited as *ophthalmicum*; Type locality: not cited, presumably Piemonte).

- Jarrige, 1946a: 110 (*Anthobium*; variety of *ophthalmicum*, cited as *ophthalmicum*; France).
- Coiffait, 1959c: 246 (*Eusphalerum*; subgenus *Eusphalerum*; aberration of *ophthalmicum*, cited as *ophthalmicum*; characters).
- Zanetti, 1982: 128 (*Eusphalerum*; subspecies of *luteum*; characters; Italy).
- Tóth, 1982: 40 (*Eusphalerum*; aberration of *ophthalmicum*; characters).
- Zanetti, 1987: 137 (*Eusphalerum*; subgenus *Eusphalerum*; subspecies of *luteum*; characters; Italy).
- Zanetti and Sabella, 1998: 28 (*Eusphalerum*; subspecies of *luteum*; Sicily).
- Zanetti, 1995: 5 (*Eusphalerum*; subspecies of *luteum*; Italy).

biglianii Doderò, 1922: 46 (*Anthobium*; variety of *ophthalmicum*; Type locality: Certosa di Pesio).

- Scheerpeltz, 1933: 1036 (*Anthobium*; variety of *ophthalmicum*).
- Zanetti, 1982: 128 (*Eusphalerum*; synonym of *luteum dispar*).
- Zanetti, 1987: 137 (*Eusphalerum*; synonym of *luteum dispar*).

ragusae Bernhauer, 1923a: 122 (*Anthobium*; Type locality: Sizilien: bei S. Fratello).

- Ragusa, 1921: 86 (*Anthobium*; subgenus *Eusphalerum*; variety of *ophthalmicum*; [**Note:** Cited as a new variety and attributed to Bernhauer but published without characters so Ragusa's name is not available (Article 12.1). Scheerpeltz, 1933: 1036 listed *ragusae* Ragusa as a valid species]; Sicily).
- Scheerpeltz, 1933: 1036 (*Anthobium*; cited as synonym of *ragusae* Ragusa [which is a nomen nudum]; catalog).
- Zanetti, 1982: 128 (*Eusphalerum*; synonym of *luteum dispar*).
- Zanetti, 1987: 137 (*Eusphalerum*; synonym of *luteum dispar*).

luzei Roubal, 1915, see: *improvisum* Luze, 1911.

lybicum Normand, 1935 [**Note: Nomen nudum**], see: *metasternale* Fauvel, 1898.

macropterum Kraatz, 1857d: 1015, note (*Anthobium*; Type locality: Piemonte).

- Fauvel, 1871a: 77 [= 1872: 51] (*Eusphalerum*; characters; France).
- Ganglbauer, 1895: 754 (*Anthobium*; characters; Piemonte).
- Bernhauer and Schubert, 1910: 40 (*Anthobium*; catalog).
- Portevin, 1929: 455 (*Anthobium*; characters; France).
- Scheerpeltz, 1933: 1034 (*Anthobium*; catalog).
- Coiffait, 1959c: 229 (*Eusphalerum*; subgenus *Abinothum*; characters; Alps).
- Lohse, 1964: 31 (*Eusphalerum*; subgenus *Abinothum*; characters; central Europe).
- Zanetti, 1987: 102 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Lucht, 1987: 85 (*Eusphalerum*; checklist).
- Zanetti, 1995: 6 (*Eusphalerum*; Italy).

▲ **DISTRIBUTION:** France, Italy.

maculicolle Fairmaire, 1860, see: *luteicornis* Erichson, 1840.

mahunkai Zanetti, 1993a: 58 (*Eusphalerum*; Type locality: Korea: Prov. Kengi, Bagyon san, Bagyon popo, about 27 km SW from Kaesong).

▲ **DISTRIBUTION:** Korea.

malaisei Scheerpeltz, 1965: 145 (*Anthobium*; subgenus *Eusphalerum*; Type locality: N.E. Burma, Kambaiti, 7000 ft.).

— Herman, 2001: 13 (*Eusphalerum*).

▲ **DISTRIBUTION:** Myanmar.

marginatum Say, 1832: 50 [= 1834: 463] (*Omalium*; Type locality: Missouri: Engineer Cantonment).

— Erichson, 1840: 890 (*Omalium*; characters; Missouri).

— Fauvel, 1878d: 200 [= 1878e: 36] (*Anthobium*; characters; Missouri).

— Bernhauer and Schubert, 1910: 40 (*Anthobium*; catalog).

— Moore and Legner, 1975: 191 (*Eusphalerum*; checklist).

▲ **DISTRIBUTION:** USA.

marocanum Coiffait, 1978, see: *Philorinum*.

marshami Fauvel, 1869: 494 (*Anthobium*; proposed for misidentified species that Kraatz cited as *torquatam* and that Erichson cited as *sorbi* variety b and c; Type locality: im mittleren, südlichen und nördlichen Deutschland).

— Erichson, 1840: 895 (*Anthobium*; [**Note:** Misidentification: Bernhauer and Schubert, 1910: 41 cited *sorbi* varieties b and c as synonyms of *marshami* Fauvel; the varieties are unavailable]; characters; Europe).

— Kraatz, 1857d: 1018 (*Anthobium*; [**Note:** Misidentification: Bernhauer and Schubert, 1910: 41 cited *torquatam* Kraatz as a synonym of *marshami*; Kraatz did not describe the species as new, he attributed it to Marsham]; characters; Germany).

— Fauvel, 1871a: 78 [= 1872: 52] (*Eusphalerum*; characters; France; Germany; Italy).

— Mulsant and Rey, 1880: 332 (*Anthobium*; cited as *torquatam* Kraatz with *marshami* Fauvel as a synonym; characters; France).

— Ganglbauer, 1895: 751 (*Anthobium*; subgenus *Eusphalerum*; characters; Germany; France; Alps; Carpathians).

— Reitter, 1909: 196 (*Anthobium*; subgenus *Eusphalerum*; characters; Germany).

— Bernhauer and Schubert, 1910: 40 (*Anthobium*; catalog).

— Matsumura, 1911: 115 (*Anthobium*; cited as *marschami*; Japan).

— Portevin, 1929: 453 (*Anthobium*; characters; France).

— Scheerpeltz, 1933: 1034 (*Anthobium*; catalog).

— Freude, 1957: 108 (*Anthobium*; Germany).

— Coiffait, 1959c: 244 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Massif Central; Alps).

— Horion, 1963: 42 (*Anthobium*; subgenus *Eusphalerum*; Italy; France; Belgium; Holland; Switzerland; Bosnia; Romania; Slovakia; Czech Republic; Germany; Austria).

— Lohse, 1964: 33 (*Eusphalerum*; subgenus *Eusphalerum*; characters; central Europe).

— Zanetti, 1981: 210 (*Eusphalerum*; characters).

— Tóth, 1982: 42 (*Eusphalerum*; characters; Hungary).

— Klinger, 1983: 38 (*Eusphalerum*; natural history notes; Germany).

— Zanetti, 1987: 143 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).

— Lucht, 1987: 86 (*Eusphalerum*; checklist; Germany; Poland; Czechoslovakia; Austria; Switzerland; France; Benelux).

— Boháč, 1993: 40 (*Eusphalerum*; subgenus *Eusphalerum*; Czech Republic; Slovakia).

— Detner and Reissenweber, 1991 (*Eusphalerum*; defensive secretions: chemistry and systematics).

— Zanetti, 1995: 6 (*Eusphalerum*; Italy).

▲ **DISTRIBUTION:** Europe.

collare Crotch, 1870: 101 (*Anthobium*; proposed for misidentified species that Kraatz cited as *torquatam*; Type locality: Not cited).

— Fauvel, 1871a: 78 [= 1872: 52] (*Eusphalerum*; synonym of *marshami*).

— Ganglbauer, 1895: 751 (*Anthobium*; synonym of *marshami*).

— Bernhauer and Schubert, 1910: 40 (*Anthobium*; synonym of *marshami*).

punctulatum Mulsant and Rey, 1880: 335 (*Anthobium*; Type locality: Espagne).

— Ganglbauer, 1895: 751 (*Anthobium*; synonym of *marshami*).

- Bernhauer and Schubert, 1910: 41 (*Anthobium*; synonym of *marshami*).
- Zanetti, 1987: 143 (*Eusphalerum*; synonym of *marshami*).

masatakai Watanabe, 1999: 266 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: China: Guangxi Province: Xing'an Xian, Mt. Miao'er Shan, near Tieshan Ping).

▲ **DISTRIBUTION:** China.

melanurum C. Koch, 1938 [**Note: Nomen nudum**], see: *angustum* Kiesenwetter, 1850.

melichari Bernhauer, 1913, see: *zolutarevi* Reitter, 1909.

mendax Coiffait, 1959 [**Note: Nomen nudum**], see: *oblitum* Fairmaire and Laboulbène, 1856.

merkli Zanetti, 1993a: 50 (*Eusphalerum*; Type locality: Korea: prov. Kanwon, Kum-gang san, Man-mul san).

▲ **DISTRIBUTION:** Korea.

metasternale Fauvel, 1898: 94 (*Anthobium*; Type locality: Tlemcen, Alger; [**Note:** See lectotype designation by Zanetti, 1991a]. Originally cited from Provinces d'Oran, d'Alger et de Constantine; Madère).

- Fauvel, 1897d: 243 (*Anthobium*; Algeria; Madeira).
- Wollaston, 1860: 106 (*Anthobium*; [**Note:** Misidentified as *torquatum* according to Fauvel, 1897d: 243]; Madeira).
- Wollaston, 1865: 524 (*Anthobium*; [**Note:** Misidentified as *torquatum* according to Fauvel, 1897d: 243]; notes; Madeira Islands).
- Fauvel, 1902b: 51 (*Anthobium*; Algeria; Tunisia; Madeira).
- Bernhauer and Schubert, 1910: 41 (*Anthobium*; catalog).
- Bernhauer, 1931e: 8 (*Anthobium*; Morocco).
- Zanetti, 1991a: 23 (*Eusphalerum*; lectotype designation: Tlemcen, Alger; characters; notes; Tunisia; Algeria; Morocco; Madeira).

▲ **DISTRIBUTION:** Tunisia, Algeria, Morocco, Madeira.

lybicum Normand, 1935: 357 (*Anthobium*; aberration of *metasternale*; [**Note: Nomen nudum** (Articles 1.3.4, 45.5)]); locality cited: Tunisie: Ain-Draham; Bizerte; El Feidja).

miaoershanum Watanabe, 1999: 267 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: China: Guangxi Province: Xing'an Xian, Mt. Miao'er Shan, near Tieshan Ping).

▲ **DISTRIBUTION:** China.

michinoku Watanabe, 1990: 239 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Honshu: Yamagata Pref.: Tachiyazawa, Higashitagawa).

▲ **DISTRIBUTION:** Japan.

microcephalum Motschulsky, 1860: 543 (*Anthobium*; Type locality: Alpes du Caucase; [**Note:** See lectotype designation by Zanetti, 1993]).

- Hochhuth, 1862: 108 (*Anthobium*; characters; Caucasus).
- Bernhauer and Schubert, 1910: 41 (*Anthobium*; catalog).
- Tikhomirova, 1973a: 137 (*Eusphalerum*; subgenus *Eusphalerum*; checklist; Caucasus).
- Zanetti, 1993: 216, 249 (*Eusphalerum*; characters; lectotype designation; catalog; Caucasus).

▲ **DISTRIBUTION:** Caucasus.

pilosellum Luze, 1910: 229 (*Anthobium*; Type locality: Kaukasus occid., Chag.; [**Note:** See lectotype designation by Zanetti, 1993]).

- Scheerpeltz, 1933: 1036 (*Anthobium*; catalog).
- Tikhomirova, 1973a: 137 (*Eusphalerum*; subgenus *Eusphalerum*; checklist; Caucasus).
- Zanetti, 1993: 249 (*Eusphalerum*; lectotype designation; synonym of *microcephalum*).

minskae Hatch, 1944: 104 (*Anthobium*; subgenus *Eusphalerum*; Type locality: Wash.: Olympic Hot Springs).

- Hatch, 1957: 83 (*Eusphalerum*; subgenus *Onibathum*; characters; Washington; Oregon).
- Moore and Legner, 1975: 191 (*Eusphalerum*; checklist).

▲ **DISTRIBUTION:** USA.

- minutum** Fabricius, 1792: 254 (*Silpha*; Type locality: Germania).
- Olivier, 1811: 478 (*Omalium*; synonym of *ranunculi*).
 - Erichson, 1839a: 638 (*Anthobium*; characters; Germany).
 - Stephens, 1839: 425 (*Anthobium*; characters; England).
 - Erichson, 1840: 896 (*Anthobium*; characters; Europe).
 - Redtenbacher, 1849: 755 (*Anthobium*; characters; Austria).
 - Hardy, 1851: 63 (*Anthobium*; notes; England).
 - Rosenhauer, 1856: 86 (*Anthobium*; Yunquera).
 - Fairmaire and Laboulbène, 1856: 648 (*Anthobium*; characters; France).
 - Redtenbacher, 1857: 256 (*Anthobium*; characters; Austria).
 - Kraatz, 1857d: 1010 (*Anthobium*; characters; Germany).
 - Thomson, 1859: 50 (type species of *Anthobium*).
 - Thomson, 1861: 202 (*Anthobium*; characters; Scandinavia).
 - Fauvel, 1865a: 319 [= 1865b: 69] (*Anthobium*; habitat; France).
 - Fauvel, 1871a: 70 [= 1872: 44] (*Eusphalerum*; characters; France).
 - Redtenbacher, 1874: 280 (*Anthobium*; characters; Austria).
 - Fauvel, 1876a: 48 [= 1876: 233] (*Anthobium*; characters in key).
 - Seidlitz, 1875: 238 (*Anthobium*; characters; Baltic region).
 - J. Sahlberg, 1876: 215 (*Anthobium*; Finland).
 - Mulsant and Rey, 1880: 305 (*Anthobium*; characters; France).
 - Sharp, 1889: 476 (*Anthobium*; Japan).
 - Fowler, 1888: 425 (*Anthobium*; characters; Britain).
 - Ganglbauer, 1895: 749 (*Anthobium*; subgenus *Eusphalerum*; characters; Europe).
 - Fauvel, 1902b: 51 (*Anthobium*; Morocco).
 - Reitter, 1909: 196 (*Anthobium*; subgenus *Eusphalerum*; characters; Germany).
 - Bernhauer and Schubert, 1910: 41 (*Anthobium*; catalog).
 - Johansen, 1914: 623 (*Anthobium*; characters; Denmark).
 - Portevin, 1929: 452 (*Anthobium*; characters; France).
 - Scheerpeltz, 1933: 1035 (*Anthobium*; catalog).
 - West, 1937: 47 (*Anthobium*; Faroe Islands).
 - L. Benick, 1943b: 601 (*Anthobium*; characters).
 - Palm, 1948: 60 (*Anthobium*; characters; Sweden; Denmark; Norway; Finland).
 - Freude, 1957: 110 (*Anthobium*; Germany).
 - Coiffait, 1959c: 232 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Massif Central).
 - Horion, 1963: 47 (*Anthobium*; subgenus *Eusphalerum*; Siberia; Iberian Peninsula; Italy; Sicily; Bosnia; Macedonia; Bulgaria; Germany; Austria).
 - Lohse, 1964: 35 (*Eusphalerum*; subgenus *Eusphalerum*; characters; central Europe).
 - Smetana, 1964d: 52 (*Anthobium*; subgenus *Eusphalerum*; Czechoslovakia).
 - Szujewski, 1968a: 710 (*Eusphalerum*; Poland).
 - Steel, 1970a: 9 (*Eusphalerum*; biological notes).
 - Pope, 1977: 23 (*Eusphalerum*; Britain).
 - Araujo, 1978: 230 (*Eusphalerum*; defensive glands).
 - Hammond, 1980: 137 (*Eusphalerum*; Ireland).
 - Klinger, 1980: 456 (*Eusphalerum*; subgenus *Onibathum*; characters of abdominal defensive gland).
 - Tóth, 1982: 45 (*Eusphalerum*; characters; Hungary).
 - Klinger, 1983: 38 (*Eusphalerum*; natural history notes; Germany).
 - Zanetti, 1984: 76 (*Eusphalerum*; Bulgaria).
 - Dajoz, 1985: 61 (*Eusphalerum*; defensive glands).
 - Zanetti, 1987: 117 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
 - Lucht, 1987: 86 (*Eusphalerum*; checklist; Germany; Poland; Czechoslovakia; Austria; Switzerland; France; Benelux; Denmark; Sweden).
 - Zanetti, 1991a: 29 (*Eusphalerum*; North African records may be erroneous).
 - Dettner and Reissenweber, 1991 (*Eusphalerum*; defensive secretions: chemistry and systematics).
 - Zanetti, 1993: 225, 254 (*Eusphalerum*; characters; catalog; Caucasus).
 - Welch, 1993: 227 (*Eusphalerum*; ovariole number and ovary structure).
 - Boháč, 1993: 40 (*Eusphalerum*; subgenus *Eusphalerum*; Czech Republic; Slovakia).

- Zanetti, 1995: 6 (*Eusphalerum*; Italy).
 - Owen, 1997a: 148 (*Eusphalerum*; collecting sites; Ireland).
 - ▲ **DISTRIBUTION:** Europe, Faroe Islands.
- ranunculi* Gravenhorst, 1802: 118 (*Omalium*; Type locality: not cited, but presumably Brunsvigae).
- Latreille, 1804: 373 (*Omalium*; characters; Germany).
 - Gravenhorst, 1806: 215 (*Omalium*).
 - Gyllenhal, 1810: 204 (*Omalium*; characters).
 - Olivier, 1811: 478 (*Omalium*; characters).
 - Gyllenhal, 1827: 464 (*Omalium*).
 - C. Sahlberg, 1827: 279 (*Omalium*; characters; Finland).
 - Zetterstedt, 1828: 50 (*Omalium*; characters; Lapland).
 - Curtis, 1829: 28 (*Anthobium*; catalog; Britain).
 - Mannerheim, 1830: 52 (*Omalium*; Finland; Sweden).
 - Mannerheim, 1831: 466 (*Omalium*; Finland; Sweden).
 - Stephens, 1834: 337 (*Anthobium*; characters; England).
 - Runde, 1835: 22 (*Omalium*; characters; Germany).
 - Lacordaire, 1835: 489 (*Omalium*; characters; France).
 - Zetterstedt, 1838: 50 (*Omalium*; characters; habitat; Lapland; Sweden).
 - Erichson, 1839a: 638 (*Anthobium*; synonym of *minutum*).
 - Erichson, 1840: 896 (*Anthobium*; synonym of *minutum*).
 - Redtenbacher, 1849: 755 (*Anthobium*; synonym of *minutum*).
 - Kraatz, 1857d: 1010 (*Anthobium*; synonym of *minutum*).
 - Thomson, 1861: 202 (*Anthobium*; synonym of *minutum*).
 - J. Sahlberg, 1876: 215 (*Anthobium*; synonym of *minutum*).
 - Mulsant and Rey, 1880: 306 (*Anthobium*; synonym of *minutum*).
 - Ganglbauer, 1895: 749 (*Anthobium*; synonym of *minutum*).
 - Bernhauer and Schubert, 1910: 41 (*Anthobium*; synonym of *minutum*).
- picipenne* Stephens, 1834: 337 (*Anthobium*; Type locality: Norfolk; Yorkshire).
- Stephens, 1839: 425 (*Anthobium*; variety of *minutum*; characters; England).
 - Hardy, 1851: 63 (*Anthobium*; synonym of *minutum*).
 - C. Waterhouse, 1858: 32 (*Anthobium*; synonym of *minutum*).
 - Ganglbauer, 1895: 749 (*Anthobium*; synonym of *minutum*).
 - Bernhauer and Schubert, 1910: 41 (*Anthobium*; synonym of *minutum*).
- paludosum* Heer, 1839: 179 (*Omalium*; Type locality: Genf; Bern).
- Heer, 1841: 568 (*Omalium*; Switzerland).
 - Fairmaire and Laboulbène, 1856: 648 (*Anthobium*; synonym of *minutum*).
 - Kraatz, 1857d: 1010 (*Anthobium*; synonym of *minutum*).
 - Ganglbauer, 1895: 749 (*Anthobium*; synonym of *minutum*).
 - Bernhauer and Schubert, 1910: 41 (*Anthobium*; synonym of *minutum*).
 - Zanetti, 1987: 117 (*Eusphalerum*; synonym of *minutum*).
- appendiculatum* Heer, 1839: 181 (*Omalium*; Type locality: monte Jura).
- Fauvel, 1876a: 48 [= 1876: 233] (*Anthobium*; synonym of *minutum*).
 - Ganglbauer, 1895: 749 (*Anthobium*; synonym of *minutum*).
 - Bernhauer and Schubert, 1910: 41 (*Anthobium*; synonym of *minutum*).
 - Zanetti, 1987: 117 (*Eusphalerum*; synonym of *minutum*).
- brevicolle* Heer, 1841: 568 (*Omalium*; Type locality: Nufenen, 5000').
- Fauvel, 1871a: 70 [= 1872: 44] (*Eusphalerum*; synonym of *minutum*).
 - Ganglbauer, 1895: 749 (*Anthobium*; synonym of *minutum*).
 - Bernhauer and Schubert, 1910: 41 (*Anthobium*; synonym of *minutum*).
 - Zanetti, 1987: 117 (*Eusphalerum*; synonym of *minutum*).
- puncticolle* Gredler, 1863: 125 (*Anthobium*; Type locality: Umgebung von Bozen: auf der Mendel; bei Senale im Nonsberg; bei Rappesbühel unweit Klobenstein).
- Redtenbacher, 1874: 281 (*Anthobium*; characters).
 - Ganglbauer, 1895: 749 (*Anthobium*; variety of *minutum*).

- Bernhauer and Schubert, 1910: 41 (*Anthobium*; synonym of *minutum*).
- Scheerpeltz, 1933: 1035 (*Anthobium*; aberration of *minutum*).
- Tóth, 1982: 45 (*Eusphalerum*; aberration of *puncticolle*; characters; Hungary).
- Zanetti, 1987: 117 (*Eusphalerum*; synonym of *minutum*).

sinuatocolle Lokay, 1919: 21 (*Anthobium*; variety of *minutum*; Type locality: Serbia).

- Scheerpeltz, 1933: 1035 (*Anthobium*; variety of *minutum*).

miricolle Sainte-Claire Deville, 1901: 1 (*Anthobium*; Type locality: Mont Mounier, Alpes Maritimes, 2750 m).

- Bernhauer and Schubert, 1910: 41 (*Anthobium*; catalog).
- Portevin, 1929: 453 (*Anthobium*; characters; France).
- Jarrige, 1946a: 111 (*Anthobium*; France).
- Coiffait, 1959c: 232 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Alpes).
- Lohse, 1964: 34 (*Eusphalerum*; subgenus *Eusphalerum*; characters; central Europe).
- Zanetti, 1987: 123 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Lucht, 1987: 86 (*Eusphalerum*).
- Zanetti, 1995: 6 (*Eusphalerum*; Italy).

▲ **DISTRIBUTION:** France, Italy.

mocsarskii Bernhauer, 1913a: 219 (*Anthobium*; Type locality: Thian-S. Musart; [**Note:** See lectotype designation by Zanetti, 1991]. Originally cited from Thian-Schan; Musart, Provinz Kuliab [Aksou-Tal], Naryn-Kol und Tekestal).

- Scheerpeltz, 1933: 1035 (*Anthobium*; catalog).
- Zanetti, 1991: 298 (*Eusphalerum*; lectotype designation: Thian-S. Musart; characters; central Asia).

▲ **DISTRIBUTION:** China, Kazakhstan, Kyrgyzstan.

montanum Erichson, 1840, see: *alpinum* Heer, 1839.

montivagum Heer, 1839: 184 (*Omalium*; Type locality: in monte Jura).

- Hardy, 1851: 63 (*Anthobium*; synonym of *torquatium*).
- Fairmaire and Laboulbène, 1856: 650 (*Anthobium*; characters; France).
- Kraatz, 1857d: 1017 (*Anthobium*; synonym of *scutellare*).
- Fauvel, 1871a: 67 [= 1872: 41] (*Eusphalerum*; synonym of *torquatium*).
- Mulsant and Rey, 1880: 329 (*Anthobium*; synonym of *scutellare*).
- Mulsant and Rey, 1880: 370 (*Anthobium*; [**Note:** Misidentification: Bernhauer and Schubert, 1910: 41 cited *sparsum* Rey as a synonym of *montivagum*; Mulsant and Rey did not describe the species as new, they attributed it to Fauvel]; characters; France).
- Mulsant and Rey, 1880: 373 (*Anthobium*; [**Note:** Misidentification: Bernhauer and Schubert, 1910: 41 cited *macropterum* Rey as a synonym of *montivagum*; Mulsant and Rey did not describe the species as new, they attributed it to Kraatz]; characters; France).
- Ganglbauer, 1895: 755 (*Anthobium*; characters; Europe).
- Reitter, 1909: 197 (*Anthobium*; characters; Germany).
- Bernhauer and Schubert, 1910: 41 (*Anthobium*; catalog).
- Scheerpeltz, 1933: 1035 (*Anthobium*; catalog).
- Coiffait, 1959c: 227 (*Eusphalerum*; subgenus *Abinothum*; characters; Alps; Jura).
- Horion, 1963: 34 (*Anthobium*; Belgium; France; Luxembourg; Switzerland; Italy; Germany; Austria).
- Lohse, 1964: 30 (*Eusphalerum*; subgenus *Abinothum*; characters; central Europe).
- Zanetti, 1982: 112 (*Eusphalerum*; characters; Italy).
- Tóth, 1982: 38 (*Eusphalerum*; characters).
- Zanetti, 1987: 106 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Lucht, 1987: 85 (*Eusphalerum*; checklist; Germany; Austria; France; Benelux).
- Zanetti, 1995: 6 (*Eusphalerum*; Italy).

▲ **DISTRIBUTION:** Luxembourg, Belgium, France, Germany, Italy, Austria, Switzerland.

sordidulum Kraatz, 1857d: 1013 (*Anthobium*; Type locality: Bonn).

- Redtenbacher, 1857: 995 (*Anthobium*; characters; Austria).
- Fauvel, 1871a: 74 [= 1872: 48] (*Eusphalerum*; characters; France; Belgium).

- Redtenbacher, 1874: 280 (*Anthobium*; characters).
- Mulsant and Rey, 1880: 363 (*Anthobium*; characters; France).
- Ganglbauer, 1895: 755 (*Anthobium*; synonym of *montivagum*).
- Xamheu, 1900: 14 (*Anthobium*; larval characters).
- Bernhauer and Schubert, 1910: 41 (*Anthobium*; synonym of *montivagum*).
- Portevin, 1929: 455 (*Anthobium*; characters; France).
- Scheerpeltz, 1933: 1035 (*Anthobium*; synonym of *montivagum*).
- Zanetti, 1987: 106 (*Eusphalerum*; synonym of *montivagum*).
- levasseuri* Coiffait, 1959c: 227 (*Eusphalerum*; subgenus *Abinothum*; subspecies of *montivagum*; Type locality: Basses-Alpes, Cousson).
- Zanetti, 1987: 106 (*Eusphalerum*; subgenus *Eusphalerum*; subspecies of *montivagum*; characters; Italy).
- chobauti* Coiffait, 1959c: 227 (*Eusphalerum*; subgenus *Abinothum*; subspecies of *montivagum*; Type locality: Sainte-Baume).
- Zanetti, 1987: 106 (*Eusphalerum*; subgenus *Eusphalerum*; subspecies of *montivagum*; characters; Italy).
- vesubianum* Coiffait, 1959c: 227 (*Eusphalerum*; subgenus *Abinothum*; subspecies of *montivagum*; Type locality: Sainte-Martin-Vésubie).
- Zanetti, 1987: 106 (*Eusphalerum*; subgenus *Eusphalerum*; subspecies of *montivagum*; characters; Italy).
- Zanetti, 1995: 6 (*Eusphalerum*; subspecies of *montivagum*; Italy).
- lombardum* Coiffait, 1959c: 227 (*Eusphalerum*; subgenus *Abinothum*; subspecies of *montivagum*; Type locality: Alpes de Lombardie: Monte Lesina, 1500 m).
- Zanetti, 1982: 115 (*Eusphalerum*; synonym of *montivagum vesubianum*).
- Zanetti, 1987: 106 (*Eusphalerum*; synonym of *montivagum vesubianum*).
- morator** Zanetti, 1986: 90 (*Eusphalerum*; Type locality: Pereto, L'Aquila).
- Zanetti, 1987: 121 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Zanetti, 1995: 6 (*Eusphalerum*; Italy).
- ▲ **DISTRIBUTION:** Italy.
- mucronatum* Stephens, 1834, see: *torquatum* Marsham, 1802.
- nepalense** Scheerpeltz, 1976: 4 (*Anthobium*; subgenus *Eusphalerum*; Type locality: Nepal: Basislager Yaral bei Pangpoche, 3900 m).
- Scheerpeltz, 1976a: 78, 100 (*Anthobium*; subgenus *Eusphalerum*; characters; Nepal).
- Herman, 2001: 13 (*Eusphalerum*).
- ▲ **DISTRIBUTION:** Nepal.
- nigerrimum** Casey, 1894: 427 (*Anthobium*; Type locality: Southern California).
- Bernhauer and Schubert, 1910: 41 (*Anthobium*; catalog).
- Moore and Legner, 1975: 191 (*Eusphalerum*; checklist).
- ▲ **DISTRIBUTION:** USA.
- nigriceps** Fauvel, 1871a: 67 [= 1872: 41] (*Eusphalerum*; Type locality: Corse).
- Fauvel, 1873b: 111 [= 1873c: 4] (*Anthobium*; characters).
- Mulsant and Rey, 1880: 362 (*Anthobium*; characters; Corsica).
- Sainte-Claire Deville, 1906: 68 (*Anthobium*; Corsica).
- Bernhauer and Schubert, 1910: 41 (*Anthobium*; catalog).
- Portevin, 1929: 453 (*Anthobium*; characters; France).
- Scheerpeltz, 1933: 1035 (*Anthobium*; catalog).
- Coiffait, 1959c: 219 (*Eusphalerum*; subgenus *Abinothum*; characters; Corsica).
- Zanetti, 1982: 112 (*Eusphalerum*; characters; Corsica).
- Zanetti, 1987: 105 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Corsica).
- ▲ **DISTRIBUTION:** Corsica.
- nigricolle* Stephens, 1834, see: *primulae* Stephens, 1834.
- nigriventre* Stephens, 1834, see: *torquatum* Marsham, 1802.

nigriventre Motschulsky, 1860, see: *subsolanum* Herman, 2001.

nigrum Erichson, 1840, see: *atrum* Heer, 1839.

nitidicolle Baudi, 1857: 114 (*Anthobium*; Type locality: alpium Pedomontii regiones; [**Note:** See lectotype designation by Zanetti, 1986]).

- Fauvel, 1871a: 72 [= 1872: 46] (*Eusphalerum*; characters; France; Italy; Austria).
- Ganglbauer, 1895: 749 (*Anthobium*; subgenus *Eusphalerum*; characters; Alps).
- Reitter, 1909: 196 (*Anthobium*; subgenus *Eusphalerum*; characters; Germany).
- Bernhauer and Schubert, 1910: 41 (*Anthobium*; catalog).
- Portevin, 1929: 453 (*Anthobium*; characters; France).
- Scheerpeltz, 1933: 1035 (*Anthobium*; catalog).
- Freude, 1957: 111 (*Anthobium*; notes; Germany).
- Coiffait, 1959c: 237 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italian Alps).
- Horion, 1963: 49 (*Anthobium*; subgenus *Eusphalerum*; Switzerland; France; Italy; Slovenia; Germany; Austria).
- Lohse, 1964: 34 (*Eusphalerum*; subgenus *Eusphalerum*; characters; central Europe).
- Zanetti, 1982: 148 (*Eusphalerum*; clinal variation).
- Zanetti, 1986: 96 (*Eusphalerum*; lectotype designation).
- Zanetti, 1987: 151 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Lucht, 1987: 86 (*Eusphalerum*; checklist; Germany; Austria).
- Zanetti, 1995: 6 (*Eusphalerum*; Italy).

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

corpulentum Bernhauer, 1913a: 220 (*Anthobium*; variety of *nitidicolle*; Type locality: Ennstal [Bodenwies], Umgebung Steyrs).

- Scheerpeltz, 1933: 1035 (*Anthobium*; variety of *nitidicolle*).

nitidifrons Luze, 1910: 237 (*Anthobium*; Type locality: Turkestan, Vernyi; [**Note:** See lectotype designation by Zanetti, 1991]).

- Scheerpeltz, 1933: 1035 (*Anthobium*; catalog).
- Tikhomirova, 1973a: 137 (*Eusphalerum*; subgenus *Eusphalerum*; checklist; Semiretsh'e).
- Zanetti, 1991: 300 (*Eusphalerum*; lectotype designation; characters; Turkestan; Kazakhstan).

▲ **DISTRIBUTION:** Kazakhstan.

nivale Heer, 1841, see: *anale* Erichson, 1840.

nudum Luze, 1910, see: *transcausicum* Bernhauer, 1902.

nuristanicum Scheerpeltz, 1961b: 35 (*Anthobium*; subgenus *Eusphalerum*; Type locality: Ost-Afghanistan: Umgebung von Wama, Nuristan, 1400 m).

- Tikhomirova, 1973a: 137 (*Eusphalerum*; subgenus *Eusphalerum*; Afghanistan).

▲ **DISTRIBUTION:** Afghanistan.

nuristanicum Coiffait, 1982, see: *afghanicum* Herman, 2001.

obenbergeri Zanetti, 1982, see: *alpinum* Heer, 1839.

obliquum Mulsant and Rey, 1861, see: *rhododendri* Baudi, 1848.

oblitum Fairmaire and Laboulbène, 1856: 648 (*Anthobium*; Type locality: H.-Pyr.; Belgique).

- Kraatz, 1857d: 1004 (*Eusphalerum*).
- Fauvel, 1871a: 66 [= 1872: 40] (*Eusphalerum*; characters; France; Italy).
- Mulsant and Rey, 1880: 303 (*Anthobium*; characters; France).
- Bernhauer and Schubert, 1910: 41 (*Anthobium*; catalog).
- Portevin, 1929: 452 (*Anthobium*; characters; France).
- Scheerpeltz, 1933: 1035 (*Anthobium*; catalog).
- C. Koch, 1938: 136 (*Anthobium*; Italy).
- Coiffait, 1959c: 238 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Pyrenees [**Note:** Specimens from Italy are *cerrutii* according to Zanetti, 1982: 133]).

▲ **DISTRIBUTION:** France.

bigerricum Coiffait, 1959c: 238 (*Eusphalerum*; subgenus *Eusphalerum*; subspecies of *oblitum*; Type locality: Hautes-Pyrénées, région de Saint-Pé-de-Bigorre à basse altitude).

mendax Coiffait, 1959c: 238, 246 (*Eusphalerum*; subgenus *Eusphalerum*; aberration of *oblitum*; [Note: **Nomen nudum** (Articles 1.3.4, 45.5)]; locality cited: Hautes-Pyrénées, région de Saint-Pé-de-Bigorre à basse altitude).

obscurellum Luze, 1911 [Note: **Nomen nudum**], see: *tempestivum* Erichson, 1840.

obscuriceps Zanetti, 1998: 126 (*Eusphalerum*; Type locality: Taiwan: Nantou Hsien: Houhuanshan Kuenyang, 3050 m).

▲ **DISTRIBUTION:** Taiwan.

obscurum Brisout, 1866, see: *scribae* Schaufuss, 1862.

obsoletum Erichson, 1840: 892 (*Anthobium*; Type locality: Lusitania).

— Bernhauer and Schubert, 1910: 41 (*Anthobium*; catalog).

— Scheerpeltz, 1933: 1035 (*Anthobium*; catalog).

— C. Koch, 1940: 372 (*Anthobium*; Spain).

— Zanetti, 1991a: 26 (*Eusphalerum*; characters; notes; Morocco; Portugal; Spain).

▲ **DISTRIBUTION:** Portugal, Spain, Morocco.

obtusicolle Fauvel, 1876a: 48 [= 1876: 233] (*Anthobium*; Type locality: Gap; Var, St. Maximin; Nice; Carcassonne; Espagne).

— Mulsant and Rey, 1880: 308 (*Anthobium*; characters; France).

— Ganglbauer, 1895: 749 (*Anthobium*; subgenus *Eusphalerum*; characters; French Alps; Spain).

— Bernhauer and Schubert, 1910: 41 (*Anthobium*; catalog).

— Portevin, 1929: 452 (*Anthobium*; characters; France).

— Scheerpeltz, 1933: 1035 (*Anthobium*; catalog).

— Coiffait, 1959c: 235 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Alps; Massif Central; Pyrenees).

— Lohse, 1964: 35 (*Eusphalerum*; subgenus *Eusphalerum*; characters; central Europe).

— Zanetti, 1987: 118 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).

— Lucht, 1987: 86 (*Eusphalerum*; checklist; Austria).

▲ **DISTRIBUTION:** France, Spain, Italy, Austria.

occidentale Coiffait, 1959c: 234 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Basses-Pyrénées: les forges d'Abel).

▲ **DISTRIBUTION:** France.

octavii Fauvel, 1871: 18 (*Anthobium*; Type locality: Hautes et Basses-Alpes).

— Fauvel, 1871a: 65 [= 1872: 39] (*Eusphalerum*; characters; France).

— Mulsant and Rey, 1880: 319 (*Anthobium*; characters; France).

— Ganglbauer, 1895: 751 (*Anthobium*; subgenus *Eusphalerum*; characters; western Alps).

— Bernhauer and Schubert, 1910: 41 (*Anthobium*; catalog).

— Portevin, 1929: 451 (*Anthobium*; characters; France).

— Scheerpeltz, 1933: 1035 (*Anthobium*; catalog).

— Coiffait, 1959c: 241 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Alps).

— Lohse, 1964: 34 (*Eusphalerum*; subgenus *Eusphalerum*; characters; central Europe).

— Zanetti, 1980b: 23 (*Eusphalerum*; notes; Italy).

— Zanetti, 1981: 210 (*Eusphalerum*; characters).

— Zanetti, 1987: 139 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).

— Lucht, 1987: 86 (*Eusphalerum*).

— Lohse and Lucht, 1989: 124 (*Eusphalerum*; characters).

— Zanetti, 1995: 6 (*Eusphalerum*; Italy).

▲ **DISTRIBUTION:** France, Italy.

apenninum C. Koch, 1938a: 320 (*Anthobium*; subgenus *Eusphalerum*; subspecies of *octavii*; Type locality: Appennino toscano ed emiliano).

— Zanetti, 1980b: 624 (*Eusphalerum*; synonym of *octavii*).

— Zanetti, 1987: 139 (*Eusphalerum*; synonym of *octavii*).

okutamaense Watanabe, 1990: 195 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Honshu: Tokyo Pref.: Mizunozawa, Okutama).

▲ **DISTRIBUTION:** Japan.

ophthalmicum Paykull, 1800, see: *luteum* Marsham, 1802.

orientale Bernhauer, 1912i: 678 (*Anthobium*; Type locality: New Hampshire; Massachusetts).

— Scheerpeltz, 1933: 1036 (*Anthobium*; catalog).

— Hatch, 1944: 101 (*Anthobium*; subgenus *Eusphalerum*; notes; Washington).

— Moore and Legner, 1975: 191 (*Eusphalerum*; checklist).

▲ **DISTRIBUTION:** USA.

osellai Zanetti, 1993: 219, 236, 257 (*Eusphalerum*; Type locality: Turchia - vil. Bolu Abant Gölü 1400–1600 m).

▲ **DISTRIBUTION:** Turkey.

pallens Heer, 1841: 570 (*Omalium*; Type locality: alp. Manigorio).

— Kraatz, 1857d: 1016 (*Anthobium*; synonym of *puberulum*).

— Fauvel, 1871a: 77 [= 1872: 51] (*Eusphalerum*; characters; France; Germany; Switzerland; Italy; Austria).

— Mulsant and Rey, 1880: 381 (*Anthobium*; characters; France).

— Ganglbauer, 1895: 753 (*Anthobium*; characters; Alps; Sudeten).

— Reitter, 1909: 197 (*Anthobium*; characters; Germany).

— Bernhauer and Schubert, 1910: 42 (*Anthobium*; catalog).

— Portevin, 1929: 455 (*Anthobium*; characters; France).

— Scheerpeltz, 1933: 1036 (*Anthobium*; catalog).

— Freude, 1957: 106 (*Anthobium*; Germany).

— Coiffait, 1959c: 224 (*Eusphalerum*; subgenus *Abinothum*; characters; Alps).

— Horion, 1963: 38 (*Anthobium*; Italy; Germany; Austria; Italy; Switzerland; France; Slovenia; Croatia).

— Lohse, 1964: 30 (*Eusphalerum*; subgenus *Abinothum*; characters; central Europe).

— Zanetti, 1980b: 623 (*Eusphalerum*; Italy).

— Klinger, 1980: 455 (*Eusphalerum*; subgenus *Abinothum*; characters of abdominal defensive gland).

— Tóth, 1982: 37 (*Eusphalerum*; characters; Hungary).

— Zanetti, 1987: 93 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).

— Lucht, 1987: 85 (*Eusphalerum*; checklist; Germany; Austria; Switzerland).

— Boháč, 1993: 40 (*Eusphalerum*; subgenus *Abinothum*; Czech Republic ?; Slovakia ?).

— Zanetti, 1995: 6 (*Eusphalerum*; Italy).

▲ **DISTRIBUTION:** France, Germany, Switzerland, Italy, Austria, Hungary, Croatia, Slovenia.

puberulum Märkel and Kiesenwetter, 1848a: 328 (*Anthophagus*; Type locality: Alpen oberhalb Bucheben nach Gastein).

— Fairmaire and Laboulbène, 1856: 651 (*Anthobium*; characters; France).

— Redtenbacher, 1857: 255 (*Anthobium*; characters; Austria).

— Kraatz, 1857d: 1016 (*Anthobium*; characters; Germany).

— Fauvel, 1865a: 320 [= 1865b: 70] (*Anthobium*; habitat; France).

— Fauvel, 1871a: 77 [= 1872: 51] (*Eusphalerum*; synonym of *pallens*).

— Redtenbacher, 1874: 279 (*Anthobium*; characters; Austria).

— Mulsant and Rey, 1880: 382 (*Anthobium*; synonym of *pallens*).

— Bernhauer and Schubert, 1910: 42 (*Anthobium*; synonym of *pallens*).

— Scheerpeltz, 1933: 1036 (*Anthobium*; synonym of *pallens*).

— Zanetti, 1987: 93 (*Eusphalerum*; synonym of *pallens*).

carnicum Coiffait, 1959c: 224 (*Eusphalerum*; subgenus *Abinothum*; subspecies of *pallens*; Type locality: Alpes carniques).

— Zanetti, 1982: 108 (*Eusphalerum*; synonym of *pallens*).

— Zanetti, 1987: 93 (*Eusphalerum*; synonym of *pallens*).

pallidum Gravenhorst, 1806, see: *luteum* Marsham, 1802.

palligerum Kiesenwetter, 1847: 78 note (*Anthobium*; Type locality: Krainer Alpen).

- Erichson, 1840: 899, note (*Anthobium*; [**Note:** Misidentification: Bernhauer and Schubert, 1910: 42 cited *longipenne* variety Erichson as a synonym of *palligerum*; there is no available name]; characters).
- Baudi, 1857: 115 (*Anthobium*; Italy).
- Kraatz, 1857d: 1014 (*Anthobium*; characters; Alps).
- Fauvel, 1865a: 320 [= 1865b: 70] (*Anthobium*; habitat; France).
- Baudi, 1870: 404 (*Anthobium*; Italy).
- Redtenbacher, 1874: 281 (*Anthobium*; characters).
- Mulsant and Rey, 1880: 376 (*Anthobium*; characters; France).
- Ganglbauer, 1895: 754 (*Anthobium*; cited as *dissimile*; [**Note:** Misidentified as *palligerum* according to Zanetti, 1982: 117]; characters; Austria; Croatia; Hungary; Bosnia).
- Reitter, 1909: 197 (*Anthobium*; characters; Germany).
- Bernhauer and Schubert, 1910: 42 (*Anthobium*; catalog).
- Luze, 1910: 227 (*Anthobium*; notes).
- Portevin, 1929: 455 (*Anthobium*; characters; France).
- Scheerpeltz, 1933: 1036 (*Anthobium*; catalog).
- Freude, 1957: 106 (*Anthobium*; Germany).
- Coiffait, 1959c: 230 (*Eusphalerum*; subgenus *Abinothum*; [**Note:** Misidentified as *longipenne* according to Zanetti, 1982: 119]; characters; Alps).
- Horion, 1963: 34 (*Anthobium*; Balkans; Romania; France; Italy; Switzerland; Carniola; Croatia; Bosnia Hercegovina; Macedonia; Hungary; Germany; Austria).
- Lohse, 1964: 30 (*Eusphalerum*; subgenus *Abinothum*; characters; central Europe).
- Zanetti, 1982: 119 (*Eusphalerum*; characters; Italy).
- Tóth, 1982: 38 (*Eusphalerum*; characters).
- Zanetti, 1987: 104, 463 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Lucht, 1987: 85 (*Eusphalerum*; checklist; Germany; Austria; Switzerland).
- Zanetti, 1995: 6 (*Eusphalerum*; Italy).

▲ **DISTRIBUTION:** Europe.

sparsum Fauvel, 1876a: 49 [= 1876: 234] (*Anthobium*; Type locality: Valais, Saas; Grande Chartreuse; Mont Viso [Monte Viso]; Apennins de Ligurie).

- Mulsant and Rey, 1880: 373 (*Anthobium*; [**Note:** Misidentification: Bernhauer and Schubert, 1910: 43 cited *macropterum* Rey as a synonym of *sparsum*; Mulsant and Rey did not describe the species as new, they attributed it to Kraatz]; characters; France).
- Ganglbauer, 1895: 753 (*Anthobium*; characters; western Alps; Apennines).
- Bernhauer and Schubert, 1910: 43 (*Anthobium*; catalog).
- Portevin, 1929: 455 (*Anthobium*; characters; France).
- Scheerpeltz, 1933: 1037 (*Anthobium*; catalog).
- Coiffait, 1959c: 224 (*Eusphalerum*; subgenus *Abinothum*; characters).
- Horion, 1963: 35 (*Anthobium*; Alps; France; Italy; Switzerland; Austria).
- Lohse, 1964: 30 (*Eusphalerum*; subgenus *Abinothum*; characters; central Europe).
- Zanetti, 1982: 119 (*Eusphalerum*; synonym of *palligerum*).
- Tóth, 1982: 37 (*Eusphalerum*; characters).
- Lucht, 1987: 85 (*Eusphalerum*; checklist; Austria; Switzerland).
- Zanetti, 1987: 104 (*Eusphalerum*; synonym of *palligerum*).
- Lohse and Lucht, 1989: 123 (*Eusphalerum*; synonym of *palligerum*).

paludosum Heer, 1839, see: *minutum* Fabricius, 1792.

parallelum Sharp, 1889: 476 (*Anthobium*; Type locality: Miyanoshta).

- Bernhauer and Schubert, 1910: 42 (*Anthobium*; catalog).
- Nakane, 1963a: 82 (*Anthobium*; characters; habitus photograph; Japan).
- Watanabe, 1990: 234 (*Eusphalerum*; characters; Japan).

▲ **DISTRIBUTION:** Japan.

paramerum Coiffait, 1976, see: *foveolatum* Luze, 1910.

parareitteri Zanetti, 1998: 130 (*Eusphalerum*; Type locality: Taiwan: Pingtung Hsien: Peitawushan, above Kuaiku Hut, 2680 m).

▲ **DISTRIBUTION:** Taiwan.

parnassicum Bernhauer, 1910a: 71 (*Anthobium*; Type locality: Parnass, Griechenland).

— Scheerpeltz, 1933: 1036 (*Anthobium*; catalog).

— Zanetti, 1992: 352 (*Eusphalerum*; aedeagal illustration).

▲ **DISTRIBUTION:** Greece.

parvulum Scheerpeltz, 1976a: 96 (*Anthobium*; subgenus *Eusphalerum*; Type locality: Nepal: Ting-Sang-La, 3800 m).

— Herman, 2001: 13 (*Eusphalerum*).

▲ **DISTRIBUTION:** Nepal.

paternum Zanetti, 1982, see: *limbatum* Erichson, 1840.

paucisetulosum Zanetti, 1998: 142 (*Eusphalerum*; Type locality: Taiwan: Nantou Hsien: Nenkaoshan, Tenchi Hut, 2900 m).

▲ **DISTRIBUTION:** Taiwan.

pectorale Luze, 1910: 239 (*Anthobium*; Type locality: Kaukasus, Abago).

— Scheerpeltz, 1933: 1036 (*Anthobium*; catalog).

— Tikhomirova, 1973a: 137 (*Eusphalerum*; subgenus *Eusphalerum*; checklist; Caucasus).

— Zanetti, 1993: 253 (*Eusphalerum*; catalog; Caucasus).

▲ **DISTRIBUTION:** Caucasus.

petzi Bernhauer, 1910a: 71 (*Anthobium*; Type locality: oberösterreichische Voralpen, Bodenwies).

— Scheerpeltz, 1933: 1036 (*Anthobium*; catalog).

— Horion, 1963: 52 (*Anthobium*; subgenus *Eusphalerum*; Austria).

— Lohse, 1964: 34 (*Eusphalerum*; subgenus *Eusphalerum*; characters; central Europe).

— Zanetti, 1981: 210 (*Eusphalerum*; characters).

— Zanetti, 1987: 142 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Austria; Slovenia; species may not occur in Italy).

— Lucht, 1987: 86 (*Eusphalerum*; Germany; Poland; Austria).

— Lohse and Lucht, 1989: 124 (*Eusphalerum*; characters).

— Burakowski, Mroczkowski, and Stefańska, 2000: 40 (*Eusphalerum*; subgenus *Eusphalerum*; catalog; Poland).

▲ **DISTRIBUTION:** Austria, Slovenia.

uncipes C. Koch, 1938a: 320 (*Anthobium*; subgenus *Eusphalerum*; Type locality: Karnica nella Selva di Tarnova, Venezia Giulia).

— Zanetti, 1981: 212 (*Eusphalerum*; synonym of *petzi*).

— Zanetti, 1987: 142 (*Eusphalerum*; synonym of *petzi*).

— Lohse and Lucht, 1989: 124 (*Eusphalerum*; synonym of *petzi*).

petzianum Bernhauer, 1929g: 177 (*Anthobium*; Type locality: Schoberstein, 1278 m, in der Nähe der Stadt Steyr in Oberösterreich in der oberen Bergregion).

— Scheerpeltz, 1933: 1036 (*Anthobium*; catalog).

— Freude, 1957: 113 (*Anthobium*; Germany).

— Horion, 1963: 49 (*Anthobium*; subgenus *Eusphalerum*; Switzerland; France; Italy; Germany; Austria).

— Lohse, 1964: 35 (*Eusphalerum*; subgenus *Eusphalerum*; characters; central Europe).

— Zanetti, 1987: 118 (*Eusphalerum*; probably synonym of *minutum*).

— Lucht, 1987: 86 (*Eusphalerum*; checklist; Austria).

▲ **DISTRIBUTION:** Austria.

pfefferi Roubal, 1941: 59 (*Anthobium*; Type locality: Graecia: Hypati).

— Herman, 2001: 13 (*Eusphalerum*).

▲ **DISTRIBUTION:** Greece.

picipenne Stephens, 1834, see: *minutum* Fabricius, 1792.

pilosellum Luze, 1910, see: *microcephalum* Motschulsky, 1860.

pollens Sharp, 1889: 476 (*Anthobium*; Type locality: Kiga; Suyana).

- Bernhauer and Schubert, 1910: 42 (*Anthobium*; catalog).
- Nakane, 1963a: 82 (*Anthobium*; characters; habitus photograph; Japan).
- Watanabe and Shibata, 1972: 60 (*Eusphalerum*; Yaku-shima Island).
- Watanabe, 1990: 187 (*Eusphalerum*; characters; Japan).

▲ **DISTRIBUTION:** Japan.

poroshiriense Watanabe, 1990: 206 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Hokkaido: Mt. Poroshiri-dake, Hidaka).

▲ **DISTRIBUTION:** Japan.

pothos Mannerheim, 1843b: 235 (*Anthobium*; Type locality: insula Sitkha).

- Fauvel, 1878d: 203 [= 1878e: 39] (*Anthobium*; characters; Alaska; Lake Superior; Oregon; New Hampshire; Pennsylvania).
- Bernhauer and Schubert, 1910: 42 (*Anthobium*; catalog).
- Van Dyke, 1924: 15 (*Anthobium*; Alaska).
- Fall, 1926: 145 (*Anthobium*; Alaska).
- Hatch, 1957: 82 (*Eusphalerum*; characters; British Columbia; Idaho; Washington; Oregon).
- Moore and Legner, 1975: 191 (*Eusphalerum*; checklist).
- Levesque and Levesque, 1996: 290 (*Eusphalerum*; seasonal abundance; Quebec).
- Downie and Arnett, 1996: 439 (*Eusphalerum*; characters; USA).

▲ **DISTRIBUTION:** Canada, USA.

dimidiatum Melsheimer, 1844: 43 (*Anthobium*; Type locality: Pennsylvania).

- LeConte, 1850: 221 (*Anthobium*; Lake Superior).
- Fauvel, 1878d: 203 [= 1878e: 39] (*Anthobium*; synonym of *pothos*).
- Bernhauer and Schubert, 1910: 42 (*Anthobium*; synonym of *pothos*).
- Moore and Legner, 1975: 191 (*Eusphalerum*; synonym of *pothos*).

primulae Stephens, 1834: 356 (*Omalium*; Type locality: London).

- Lacordaire, 1835: 472 (*Anthobium*; [**Note:** Misidentification: Bernhauer and Schubert, 1910: 42 cited *florale* Lacordaire as a synonym of *primulae* Stephens; Lacordaire did not describe the species as new, he attributed it to Fabricius who attributed it to Paykull]; characters; France).
- Stephens, 1839: 430 (*Omalium*; characters; England).
- Hardy, 1851: 62 (*Anthobium*; synonym of *triviale*).
- Fauvel, 1871a: 65 [= 1872: 39] (*Eusphalerum*; characters; France; Scandinavia; Britain; Germany; Switzerland; Italy; Austria).
- Seidlitz, 1875: 236 (*Eusphalerum*; characters; Baltic region).
- Fowler, 1888: 424 (*Eusphalerum*; characters; Britain).
- Ganglbauer, 1895: 750 (*Anthobium*; subgenus *Eusphalerum*; characters; middle Europe).
- Reitter, 1909: 195 (*Anthobium*; subgenus *Eusphalerum*; characters; Germany).
- Bernhauer and Schubert, 1910: 42 (*Anthobium*; catalog).
- Johansen, 1914: 622 (*Anthobium*; subgenus *Eusphalerum*; characters; Denmark).
- Portevin, 1929: 451 (*Anthobium*; characters; France).
- Scheerpeltz, 1933: 1036 (*Anthobium*; catalog).
- Palm, 1948: 61 (*Anthobium*; characters).
- Coiffait, 1959c: 243 (*Eusphalerum*; subgenus *Eusphalerum*; characters; France).
- Horion, 1963: 48 (*Anthobium*; subgenus *Eusphalerum*; Britain; Denmark; Holland; Belgium; France; Switzerland; Italy; Bosnia; Macedonia; Romania; Czechoslovakia; Poland; Germany; Austria).
- Lohse, 1964: 34 (*Eusphalerum*; subgenus *Eusphalerum*; characters; central Europe).
- Pope, 1977: 23 (*Eusphalerum*; Britain).
- Hammond, 1980: 137 (*Eusphalerum*; needs confirmation in Ireland).
- Klinger, 1980: 456 (*Eusphalerum*; subgenus *Eusphalerum*; [**Note:** Klinger cited *primulae* as the type species of *Eusphalerum* but it was not one of the originally included species]; characters of abdominal defensive gland).

- Zanetti, 1981: 210 (*Eusphalerum*; characters).
- Tóth, 1982: 44 (*Eusphalerum*; characters; Hungary).
- Klinger, 1983: 38 (*Eusphalerum*; natural history notes; Germany).
- Zanetti, 1987: 150 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Lucht, 1987: 85 (*Eusphalerum*; checklist; Germany; Poland; Czechoslovakia; Austria; Switzerland; France; Benelux; Denmark).
- Lohse and Lucht, 1989: 124 (*Eusphalerum*; characters).
- Zanetti, 1993: 224, 260 (*Eusphalerum*; characters; catalog; Caucasus, Turkey, Europe).
- Boháč, 1993: 40 (*Eusphalerum*; subgenus *Eusphalerum*; Czech Republic; Slovakia).
- Zanetti, 1995: 6 (*Eusphalerum*; Italy).

▲ **DISTRIBUTION:** Europe, Turkey, Caucasus.

nigricolle Stephens, 1834: 357 (*Omalium*; Type locality: London; Suffolk).

- Stephens, 1839: 428 (*Omalium*; characters; England).
- C. Waterhouse, 1858: 32 (*Eusphalerum*; synonym of *primulae*).
- Ganglbauer, 1895: 750 (*Anthobium*; synonym of *primulae*).
- Bernhauer and Schubert, 1910: 42 (*Anthobium*; synonym of *primulae*).

triviale Erichson, 1839a: 639 (*Anthobium*; Type locality: Berlin; England).

- Erichson, 1840: 892 (*Anthobium*; characters; Germany; France; England).
- Redtenbacher, 1849: 755 (*Anthobium*; characters; Austria).
- Hardy, 1851: 61 (*Anthobium*; characters; notes; England).
- Fairmaire and Laboulbène, 1856: 648 (*Anthobium*; characters; France).
- Redtenbacher, 1857: 256 (*Anthobium*; characters; Austria).
- Kraatz, 1857d: 1004 (*Eusphalerum*; characters; Germany).
- C. Waterhouse, 1858: 32 (*Eusphalerum*; synonym of *primulae*).
- Fauvel, 1871a: 65 [= 1872: 39] (*Eusphalerum*; synonym of *primulae*).
- Mulsant and Rey, 1880: 313 (*Anthobium*; characters; France).
- Ganglbauer, 1895: 750 (*Anthobium*; synonym of *primulae*).
- Bernhauer and Schubert, 1910: 42 (*Anthobium*; synonym of *primulae*).
- Scheerpeltz, 1933: 1036 (*Anthobium*; synonym of *primulae*).
- Zanetti, 1987: 150 (*Eusphalerum*; synonym of *primulae*).

cribrosum Heer, 1841: 568 (*Omalium*; Type locality: Jura).

- Fauvel, 1871a: 66 [= 1872: 40] (*Eusphalerum*; synonym of *primulae*).
- Mulsant and Rey, 1880: 313 (*Anthobium*; synonym of *triviale*).
- Ganglbauer, 1895: 750 (*Anthobium*; synonym of *primulae*).
- Bernhauer and Schubert, 1910: 42 (*Anthobium*; synonym of *primulae*).
- Zanetti, 1987: 150 (*Eusphalerum*; synonym of *primulae*).

rufipenne Gerhardt, 1910: 555 (*Anthobium*; aberration of *primulae*; [**Note: Nomen nudum** (Articles 1.3.4, 45.5)]; locality cited: Kaltwasser, Kr. Lüben).

- Scheerpeltz, 1933: 1036 (*Anthobium*; aberration of *primulae*).

procerum Baudi, 1857: 114 (*Anthobium*; Type locality: Pedemontio; [**Note: See lectotype designation by Zanetti, 1986**]).

- Fauvel, 1871a: 65 [= 1872: 39] (*Eusphalerum*; characters; France; Italy).
- Mulsant and Rey, 1880: 315 (*Anthobium*; characters; France).
- Ganglbauer, 1895: 751 (*Anthobium*; subgenus *Eusphalerum*; characters; Italian and French Alps).
- Bernhauer and Schubert, 1910: 42 (*Anthobium*; catalog).
- Portevin, 1929: 451 (*Anthobium*; characters; France).
- Scheerpeltz, 1933: 1036 (*Anthobium*; catalog).
- Coiffait, 1959c: 243 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Alps).
- Lohse, 1964: 34 (*Eusphalerum*; subgenus *Eusphalerum*; characters; central Europe).
- Zanetti, 1981: 210 (*Eusphalerum*; characters).
- Zanetti, 1986: 96 (*Eusphalerum*; lectotype designation).
- Zanetti, 1987: 131 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Lucht, 1987: 85 (*Eusphalerum*; in checklist).

- Lohse and Lucht, 1989: 124 (*Eusphalerum*; characters).
- Zanetti, 1995: 6 (*Eusphalerum*; Italy).

▲ **DISTRIBUTION:** France, Italy].

pruinorum Fauvel, 1871: 18 (*Anthobium*; Type locality: Corse).

- Fauvel, 1871a: 68 [= 1872: 42] (*Eusphalerum*; characters; Corsica).
- Sainte-Claire Deville, 1906: 68 (*Anthobium*; Corsica).
- Bernhauer and Schubert, 1910: 42 (*Anthobium*; catalog).
- Sainte-Claire Deville, 1926: 118 (*Anthobium*; Corsica).
- Portevin, 1929: 452 (*Anthobium*; characters; France).
- Scheerpeltz, 1933: 1036 (*Anthobium*; catalog).
- Coiffait, 1959c: 219 (*Eusphalerum*; subgenus *Abinothum*; characters; Corsica).
- Zanetti, 1982: 112 (*Eusphalerum*; characters; Italy).
- Zanetti, 1987: 105 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Zanetti, 1995: 6, 59 (*Eusphalerum*; may not occur in Italy).

▲ **DISTRIBUTION:** France Italy.

krasae Roubal, 1940: 281 (*Anthobium*; Type locality: Italia: Vallombrosa).

- Zanetti, 1982: 111 (*Eusphalerum*; synonym of *pruinorum*).
- Zanetti, 1987: 105 (*Eusphalerum*; synonym of *pruinorum*).

pseudocupariae E. Strand, 1917: 80 (*Anthobium*; replacement name for *aucupariae* Kiesenwetter).

- Freude, 1957: 113 (*Anthobium*; Germany).
- Horion, 1963: 43 (*Anthobium*; subgenus *Eusphalerum*; France; Belgium; Switzerland; Austria; Czech Republic; Slovakia; Russia; Germany).
- Lohse, 1964: 33 (*Eusphalerum*; subgenus *Eusphalerum*; characters; central Europe).
- Smetana, 1964d: 52 (*Anthobium*; subgenus *Eusphalerum*; Czechoslovakia).
- Zanetti, 1981: 210 (*Eusphalerum*; characters).
- Tóth, 1982: 43 (*Eusphalerum*; characters; Hungary).
- Zanetti, 1987: 141 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Lucht, 1987: 86 (*Eusphalerum*; checklist; Germany; Poland; Czechoslovakia; Austria; Benelux).
- Schülke and Uhlig, 1988: 2 (*Eusphalerum*; notes; Germany).
- Haghebaert, Bruge, and Drugmand, 1990: 35 (*Eusphalerum*; Belgium).
- Boháč, 1993: 40 (*Eusphalerum*; subgenus *Eusphalerum*; Czech Republic; Slovakia).

▲ **DISTRIBUTION:** Europe.

aucupariae Kiesenwetter, 1866: 288 (*Anthobium*; [**preoccupied**]; Type locality: Altvater-Gebirge, Karlsbrunn).

- Fauvel, 1871a: 66 [= 1872: 40] (*Eusphalerum*; characters; France; Germany).
- Redtenbacher, 1874: 281 (*Anthobium*; characters).
- Mulsant and Rey, 1880: 346 (*Anthobium*; characters; France).
- Ganglbauer, 1895: 751 (*Anthobium*; subgenus *Eusphalerum*; characters; Carpathian; Sudeten; Pyrenees).
- Reitter, 1909: 196 (*Anthobium*; subgenus *Eusphalerum*; characters; Germany).
- Bernhauer and Schubert, 1910: 39 (*Anthobium*; catalog).
- Portevin, 1929: 453 (*Anthobium*; characters; France).
- Scheerpeltz, 1933: 1033 (*Anthobium*; catalog).
- Horion, 1935: 176 (*Anthobium*; Germany [**Note:** Today Poland]; Austria).
- Freude, 1957: 113 (*Anthobium*; synonym of *pseudocupariae*).
- Coiffait, 1959c: 240 (*Eusphalerum*; subgenus *Eusphalerum*; characters; France).
- Lohse, 1964: 33 (*Eusphalerum*; synonym of *pseudocupariae*).
- Zanetti, 1987: 141 (*Eusphalerum*; synonym of *pseudocupariae*).
- Boháč, 1993: 40 (*Eusphalerum*; synonym of *pseudocupariae*).

pseudoreitteri Zanetti, 1998: 137 (*Eusphalerum*; Type locality: Taiwan: Nantou Hsien: Houhuanshan Kuenyang, 3050 m).

▲ **DISTRIBUTION:** Taiwan.

puberulum Kiesenwetter, 1848, see: *pallens* Heer, 1841.

pulcherrimum Bernhauer, 1901b: 654 (*Anthobium*; Type locality: Südtirol).

- Bernhauer and Schubert, 1910: 42 (*Anthobium*; catalog).
- Zanetti, 1982: 107 (*Eusphalerum*; characters; Italy).
- Zanetti, 1987: 115 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Zanetti, 1995: 6 (*Eusphalerum*; Italy).

▲ **DISTRIBUTION:** Italy.

pumilio Rosenhauer, 1856, see: *torquatum* Marsham, 1802.

punctatum Casey, 1894: 429 (*Anthobium*; Type locality: California: Santa Cruz Co.).

- Bernhauer and Schubert, 1910: 42 (*Anthobium*; catalog).
- Moore and Legner, 1975: 191 (*Eusphalerum*; checklist).

▲ **DISTRIBUTION:** USA.

puncticeps Luze, 1910, see: *torquatum* Marsham, 1802.

puncticolle Gredler, 1863, see: *minutum* Fabricius, 1792.

punctulatum Mulsant and Rey, 1880, see: *marshami* Fauvel, 1869.

ragusae Bernhauer, 1923, see: *luteum* Marsham, 1802.

ranunculi Gravenhorst, 1802, see: *minutum* Fabricius, 1792.

rectanguloides Smetana, 1967e: 298 (*Anthobium*; subgenus of *Eusphalerum*; Type locality:

Türkei: Erciyas dag, 2700 m).

- Zanetti, 1993: 219, 255 (*Eusphalerum*; characters; catalog; Turkey).

▲ **DISTRIBUTION:** Turkey.

rectangulum Baudi, 1870: 404 (*Anthobium*; [**Note:** Baudi cited this name as “*rectangulum* Fauvel, in litt” so the later description of *rectangulum* by Fauvel may be the same species. Fauvel, 1871a: 78 referred to Baudi’s *rectangulum* as a subsequent reference of *rectangulum* Fauvel]; Type locality: Alpi Grajis maritimi).

- Herman, 2001: 13 (*Eusphalerum*; synonymy).

▲ **DISTRIBUTION:** Europe.

rectangulum Fauvel, 1871: 17 (*Anthobium*; [**preoccupied**]; Type locality: Vosges; Alpes françaises; Piémont et Apennins).

- Letzner, 1868: 360 (*Anthobium*; [**Note:** Misidentification: Bernhauer and Schubert, 1910: 42 cited *sorbi* Letzner as a synonym of *rectangulum*; Letzner did not describe the species as new]; characters).
- Fauvel, 1871a: 78 [= 1872: 52] (*Eusphalerum*; [**Note:** Fauvel cited Baudi’s 1869 use of *rectangulum* as a subsequent use of *rectangulum* Fauvel]; characters; France; Italy; Germany).
- Mulsant and Rey, 1880: 338 (*Anthobium*; characters; France).
- Ganglbauer, 1895: 752 (*Anthobium*; subgenus *Eusphalerum*; characters; Germany; France; Alps; Apennines).
- Reitter, 1909: 196 (*Anthobium*; subgenus *Eusphalerum*; characters; Germany).
- Bernhauer and Schubert, 1910: 42 (*Anthobium*; catalog).
- Portevin, 1929: 454 (*Anthobium*; characters; France).
- Scheerpeltz, 1933: 1036 (*Anthobium*; catalog).
- Freude, 1957: 107 (*Anthobium*; Germany).
- Coiffait, 1959c: 247 (*Eusphalerum*; subgenus *Eusphalerum*; characters; France).
- Raianu, 1963: 85 (*Anthobium*; Romania).
- Horion, 1963: 40 (*Anthobium*; subgenus *Eusphalerum*; Holland; Belgium; France; Switzerland; Italy; Corsica; Sardinia; Sicily; Romania; Czechoslovakia; Germany; Austria).
- Lohse, 1964: 32 (*Eusphalerum*; subgenus *Eusphalerum*; characters; central Europe).
- Smetana, 1964d: 52 (*Anthobium*; subgenus *Eusphalerum*; Czechoslovakia).
- Klinger, 1980: 456 (*Eusphalerum*; subgenus *Eusphalerum*; characters of abdominal defensive gland).
- Tóth, 1982: 41 (*Eusphalerum*; characters; Hungary).
- Klinger, 1983: 38 (*Eusphalerum*; natural history notes; Germany).

- Lucht, 1987: 86 (*Eusphalerum*; Germany; Poland; Czechoslovakia; Austria; Switzerland; France; Belgium; Netherlands; Luxembourg).
- Zanetti, 1987: 146 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Boháč, 1993: 40 (*Eusphalerum*; subgenus *Eusphalerum*; Czech Republic; Slovakia).
- Zanetti, 1995: 6 (*Eusphalerum*; Italy).
- Herman, 2001: 20 (*Eusphalerum*; synonymic homonym of *rectangulum*).

rectangulum Fauvel, 1871, see: *rectangulum* Baudi, 1870.

reitteri Bernhauer, 1935a: 39 (*Anthobium*; Type locality: Ostsibirien: Sotka Gora).

- Tikhomirova, 1973a: 137 (*Eusphalerum*; subgenus *Eusphalerum*; checklist; northern Siberia; Far East).
- Zanetti, 1993a: 49 (*Eusphalerum*; notes on characters and type locality; Siberia).

▲ **DISTRIBUTION:** Russia.

retowskii Bernhauer, 1914e: 33 (*Anthobium*; Type locality: Suchum, Caucasus, Gumista).

- Bernhauer, 1923d: 178 (*Anthobium*; characters; Caucasus).
- Scheerpeltz, 1933: 1036 (*Anthobium*; catalog).
- Tikhomirova, 1973a: 137 (*Eusphalerum*; subgenus *Eusphalerum*; checklist; Caucasus).
- Zanetti, 1993: 217, 225, 247 (*Eusphalerum*; characters; catalog; Caucasus).

▲ **DISTRIBUTION:** Caucasus.

rhododendri Motschulsky, 1857, see: *anale* Erichson, 1840.

rhododendri Baudi, 1848: 148 (*Anthobium*; Type locality: Alpi Pedemontio; [**Note:** See lectotype designation by Zanetti, 1986]).

- Kraatz, 1857d: 1018 (*Anthobium*; synonym of *sorbi*).
- Fauvel, 1871a: 79 [= 1872: 53] (*Eusphalerum*; characters; France; Switzerland; Italy).
- Mulsant and Rey, 1880: 339 (*Anthobium*; characters; France).
- Ganglbauer, 1895: 752 (*Anthobium*; subgenus *Eusphalerum*; characters; western Alps).
- Reitter, 1909: 196 (*Anthobium*; subgenus *Eusphalerum*; characters; Germany).
- Bernhauer and Schubert, 1910: 42 (*Anthobium*; catalog).
- Portevin, 1929: 454 (*Anthobium*; characters; France).
- Scheerpeltz, 1933: 1037 (*Anthobium*; catalog).
- Freude, 1957: 112 (*Anthobium*; Germany).
- Coiffait, 1959c: 247 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Jura; Alps).
- Horion, 1963: 40 (*Anthobium*; subgenus *Eusphalerum*; France; Italy; Switzerland; Austria; Bosnia; Germany).
- Lohse, 1964: 32, 33 (*Eusphalerum*; subgenus *Eusphalerum*; characters; central Europe).
- Zanetti, 1980b: 623 (*Eusphalerum*; Italy).
- Tóth, 1982: 42 (*Eusphalerum*; characters).
- Zanetti, 1986: 96 (*Eusphalerum*; lectotype designation).
- Zanetti, 1987: 146 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Lucht, 1987: 86 (*Eusphalerum*; checklist; Germany; Austria; Switzerland).
- Haghebaert, Bruge, and Drugmand, 1990: 35 (*Eusphalerum*; Belgium).
- Zanetti, 1995: 6 (*Eusphalerum*; Italy).

▲ **DISTRIBUTION:** Belgium, France, Germany, Switzerland, Italy.

obliquum Mulsant and Rey, 1861: 184 [= 1862: 168] (*Anthobium*; Type locality: Suisse).

- Fauvel, 1865c: 18 [= 1866: 15] (*Anthobium*; synonym of *rhododendri*).
- Fauvel, 1871a: 79 [= 1872: 53] (*Eusphalerum*; synonym of *rhododendri*).
- Mulsant and Rey, 1880: 340 (*Anthobium*; characters; France).
- Ganglbauer, 1895: 752 (*Anthobium*; synonym of *rhododendri*).
- Bernhauer and Schubert, 1910: 42 (*Anthobium*; synonym of *rhododendri*).
- Zanetti, 1987: 146 (*Eusphalerum*; synonym of *rhododendri*).

bonadonai Coiffait, 1959c: 247 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Alpes Maritimes: Haute Tinée: Le Pré).

- Zanetti, 1986: 94 (*Eusphalerum*; synonym of *rhododendri*).
- Zanetti, 1987: 146 (*Eusphalerum*; synonym of *rhododendri*).

rizzottivlachi Zanetti, 1992: 350 (*Eusphalerum*; Type locality: Tukalska Bjelina, Erzegovina meridionale).

▲ **DISTRIBUTION:** Bosnia Hercegovina.

robustum Heer, 1839: 179 (*Omalium*; Type locality: Basel).

- Fairmaire and Laboulbène, 1856: 646 (*Omalium*; characters; France).
- Kraatz, 1857d: 1010 (*Anthobium*; synonym of *excavatum*).
- Fauvel, 1871a: 69 [= 1872: 43] (*Eusphalerum*; characters; France; Germany; Switzerland).
- Mulsant and Rey, 1880: 294 (*Anthobium*; characters; France).
- Ganglbauer, 1895: 749 (*Anthobium*; subgenus *Eusphalerum*; characters; Alps; Pyrenees).
- Reitter, 1909: 196 (*Anthobium*; subgenus *Eusphalerum*; characters; Germany).
- Bernhauer and Schubert, 1910: 42 (*Anthobium*; catalog).
- Portevin, 1929: 452 (*Anthobium*; characters; France).
- Scheerpeltz, 1933: 1037 (*Anthobium*; catalog).
- Freude, 1957: 112 (*Anthobium*; Germany).
- Coiffait, 1959c: 231 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Alps; Pyrenees; Massif Central).
- Horion, 1963: 49 (*Anthobium*; subgenus *Eusphalerum*; France; Switzerland; Italy; Bosnia; Germany; Austria).
- Lohse, 1964: 34 (*Eusphalerum*; subgenus *Eusphalerum*; characters; central Europe).
- Klinger, 1980: 456 (*Eusphalerum*; subgenus *Onibathum*; characters of abdominal defensive gland).
- Zanetti, 1987: 120 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Lucht, 1987: 86 (*Eusphalerum*; checklist; Germany; Austria; Switzerland; France).
- Zanetti, 1995: 6 (*Eusphalerum*; Italy).
- Assing, Frisch, Kahlen, et al., 1998: 122 (*Eusphalerum*; character; Alps; Black Forest).

▲ **DISTRIBUTION:** France, Germany, Switzerland, Austria, Italy, Bosnia Herzegovina.

alpestre Heer, 1839: 178 (*Omalium*; Type locality: Berglialp; Mühlebachalp).

- Fauvel, 1871a: 69 [= 1872: 43] (*Eusphalerum*; synonym of *robustum*).
- Mulsant and Rey, 1880: 295 (*Anthobium*; synonym of *robustum*).
- Ganglbauer, 1895: 749 (*Anthobium*; synonym of *robustum*).
- Bernhauer and Schubert, 1910: 43 (*Anthobium*; synonym of *robustum*).

excavatum Erichson, 1840: 893 (*Anthobium*; Type locality: Helvetia).

- Heer, 1841: 568 (*Omalium*; synonym of *robustum*).
- Redtenbacher, 1849: 754 (*Anthobium*; characters; Austria).
- Redtenbacher, 1857: 255 (*Anthobium*; characters; Austria).
- Kraatz, 1857d: 1009 (*Anthobium*; characters; Germany).
- Fauvel, 1871a: 69 [= 1872: 43] (*Eusphalerum*; synonym of *robustum*).
- Redtenbacher, 1874: 280 (*Anthobium*; characters; Austria).
- Mulsant and Rey, 1880: 295 (*Anthobium*; synonym of *robustum*).
- Ganglbauer, 1895: 749 (*Anthobium*; synonym of *robustum*).
- Bernhauer and Schubert, 1910: 43 (*Anthobium*; synonym of *robustum*).
- Scheerpeltz, 1933: 1037 (*Anthobium*; synonym of *robustum*).
- Zanetti, 1987: 120 (*Eusphalerum*; synonym of *robustum*).

romani Coiffait, 1964, see: *limbatum* Erichson, 1840.

ruffoi Scheerpeltz, 1956: 3 (*Anthobium*; subgenus *Eusphalerum*; Type locality: Gebiet des Mte. Pollino, teils Piani Pollino).

- Zanetti, 1982: 134 (*Eusphalerum*; characters; Italy).
- Zanetti, 1987: 131 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Zanetti, 1995: 6 (*Eusphalerum*; Italy).

▲ **DISTRIBUTION:** Italy.

rufipenne Gerhardt, 1910 [**Note: Nomen nudum**], see: *primulae* Stephens, 1834.

rufiventre Cameron, 1930, see: *solitare* Sharp, 1874.

- rufoscutellatum** Eppelsheim, 1881: 508 (*Anthobium*; Type locality: Suramgebirge).
 — Bernhauer and Schubert, 1910: 43 (*Anthobium*; catalog).
 — Tikhomirova, 1973a: 137 (*Eusphalerum*; subgenus *Eusphalerum*; checklist; Caucasus).
 — Zanetti, 1993: 221, 250 (*Eusphalerum*; characters; catalog; Caucasus).
 ▲ **DISTRIBUTION:** Georgia.
gracile Luze, 1910: 241 (*Anthobium*; Type locality: Kaukasus, Suram).
 — Scheerpeltz, 1933: 1034 (*Anthobium*; catalog).
 — Zanetti, 1993: 250 (*Eusphalerum*; synonym of *rufoscutellatum*).
- rufotestaceum** Motschulsky, 1860: 543 (*Anthobium*; Type locality: Alpes du Caucase; [**Note:** See lectotype designation by Zanetti, 1993]).
 — Hochhuth, 1862: 111 (*Anthobium*; characters; Caucasus).
 — Bernhauer and Schubert, 1910: 43 (*Anthobium*; catalog).
 — Luze, 1910: 228 (*Anthobium*; notes).
 — Scheerpeltz, 1933: 1037 (*Anthobium*; catalog).
 — Tikhomirova, 1973a: 137 (*Eusphalerum*; subgenus *Eusphalerum*; checklist; Turkey; Caucasus).
 — Zanetti, 1993: 217, 242 (*Eusphalerum*; characters; lectotype designation; catalog; Caucasus).
 ▲ **DISTRIBUTION:** Turkey, Caucasus.
- rufulum* Luze, 1910 [**Note: Nomen nudum**], see: *viertli* Ganglbauer, 1895.
- rugulosum** Mäklin, 1853: 199 (*Anthobium*; Type locality: insula Sitkha).
 — Fauvel, 1878d: 199 [= 1878e: 35] (*Anthobium*; characters; Sitka Island).
 — Bernhauer and Schubert, 1910: 43 (*Anthobium*; catalog).
 — Moore and Legner, 1975: 191 (*Eusphalerum*; checklist).
 ▲ **DISTRIBUTION:** USA.
- ryvkini** Zanetti, 1993: 221, 225, 230, 253 (*Eusphalerum*; Type locality: near Teberda, Hatipara Mt., 1800 m).
 ▲ **DISTRIBUTION:** Russia.
- sagiri** Watanabe, 1990: 203 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Honshu: Gunma Pref.: near Kirizumi).
 ▲ **DISTRIBUTION:** Japan.
- sahlbergi** Luze, 1910: 244 (*Anthobium*; Type locality: Libanon, Monte Baruk).
 — Scheerpeltz, 1933: 1037 (*Anthobium*; catalog).
 — Zanetti, 1993: 224, 261 (*Eusphalerum*; cited as *shalbergi*; characters; catalog; Lebanon).
 ▲ **DISTRIBUTION:** Lebanon.
- saigokuense** Watanabe, 1990: 191 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Honshu: Hiroshima Pref.: Haigamine).
 ▲ **DISTRIBUTION:** Japan.
- sanae** Watanabe, 1990: 211 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Honshu: Shizuoka Pref.: near Abe-tôge).
 ▲ **DISTRIBUTION:** Japan.
- sareptanum** Eppelsheim, 1878a: 423 (*Anthobium*; subgenus *Eusphalerum*; Type locality: Sarepta; [**Note:** See lectotype designation by Zanetti, 1993]).
 — Bernhauer and Schubert, 1910: 43 (*Anthobium*; catalog).
 — Scheerpeltz, 1933: 1037 (*Anthobium*; aberration of *rufotestaceum*).
 — Zanetti, 1993: 216, 222, 245 (*Eusphalerum*; lectotype designation; valid species; characters; catalog; Caucasus, Armenia, Turkey).
 ▲ **DISTRIBUTION:** Armenia, Russia, Turkey.
- starcki* Reitter, 1890: 190 (*Anthobium*; Type locality: Cirkassien: Chag).
 — Bernhauer and Schubert, 1910: 43 (*Anthobium*; synonym of *sareptanum*).
 — Scheerpeltz, 1933: 1037 (*Anthobium*; synonym of *rufotestaceum*).
 — Zanetti, 1993: 245 (*Eusphalerum*; synonym of *sareptanum*).

- umbricolor* Roubal, 1915a: 62 (*Anthobium*; Type locality: Caucasus occidentalis: Krasnaja Poljana; [Note: See lectotype designation by Zanetti, 1993]).
 — Scheerpeltz, 1933: 1038 (*Anthobium*; catalog).
 — Zanetti, 1993: 245 (*Eusphalerum*; lectotype designation; synonym of *sareptanum*).
- satanas* Luze, 1911 [Note: **Nomen nudum**], see: *tempestivum* Erichson, 1840.
- satsuki** Watanabe, 1990: 201 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Honshu: Yamanashi Pref.: Aokigahara, foot of Mt. Fuji).
 ▲ **DISTRIBUTION:** Japan.
- schatzmayri** C. Koch, 1938: 138 (*Anthobium*; Type locality: Monte Pollino, Appennino calabrese; [Note: See lectotype designation by Zanetti, 1980]).
 — Zanetti, 1980: 167 (*Eusphalerum*; lectotype designation: M. Pollino, 1800 m; characters; Italy).
 — Zanetti, 1987: 113 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
 — Zanetti, 1995: 6 (*Eusphalerum*; Italy).
 ▲ **DISTRIBUTION:** Italy.
- alutaceum* Scheerpeltz, 1956: 1 (*Anthobium*; subgenus *Anthobium*; Type locality: Massiv des Mte. Pollino, Colle Gaudolino).
 — Zanetti, 1980: 167 (*Eusphalerum*; synonym of *schatzmayri*).
 — Zanetti, 1987: 113 (*Eusphalerum*; synonym of *schatzmayri*).
- schoenmanni** Zanetti, 1993a: 55 (*Eusphalerum*; Type locality: Seitengraben des Parwja Rietschka Tales, nördl. Wladiwostok).
 ▲ **DISTRIBUTION:** Russia.
- scribae** Schaufuss, 1862: 147 (*Anthobium*; Type locality: Südsanien).
 — Bernhauer and Schubert, 1910: 43 (*Anthobium*; catalog).
 — C. Koch, 1940: 373 (*Anthobium*; Spain).
 — Coiffait, 1959c: 234 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Spain).
 ▲ **DISTRIBUTION:** Spain.
- obscurum* Brisout, 1866: 361 (*Anthobium*; Type locality: Espagne: environs de Madrid).
 — Fauvel, 1869: 494 (*Anthobium*; synonym of *scribae*).
 — Bernhauer and Schubert, 1910: 43 (*Anthobium*; synonym of *scribae*).
- scutellare* Erichson, 1840, see: *torquatium* Marsham, 1802.
- segmentarium** Mäklin, 1852: 322 (*Omalium*; Type locality: insula Sitkha).
 — Fauvel, 1878d: 200 [= 1878e: 36] (*Anthobium*; characters; Alasaka).
 — Bernhauer and Schubert, 1910: 43 (*Anthobium*; catalog).
 — Moore and Legner, 1975: 191 (*Eusphalerum*; checklist).
 ▲ **DISTRIBUTION:** USA.
- semicoleopratum** Panzer, 1795: 103 (*Dermestes*; Type locality: Not cited, presumably Germany).
 — Panzer, 1799c: 6 (*Dermestes*; characters; illustrations).
 — Gravenhorst, 1806: 219 (*Omalium*; synonym of *testaceum*).
 — Olivier, 1811: 480 (*Omalium*; characters; France).
 — Lacordaire, 1835: 489 (*Omalium*; synonym of *testaceum*).
 — Stephens, 1839: 425 (*Anthobium*; synonym of *torquatium*).
 — Erichson, 1840: 893 (*Anthobium*; characters; Germany).
 — Redtenbacher, 1849: 754 (*Anthobium*; synonym of *abdominale*).
 — Kraatz, 1857d: 1007 (*Anthobium*; synonym of *abdominale*).
 — Mulsant and Rey, 1880: 322 (*Anthobium*; synonym of *abdominale*).
 — Ganglbauer, 1895: 750 (*Anthobium*; synonym of *abdominale*).
 — Bernhauer and Schubert, 1910: 38 (*Anthobium*; synonym of *abdominale*).
 — Burakowski, Mroczkowski, and Stefańska, 1979: 24 (*Eusphalerum*; cited as valid name; catalog; Poland).
 — Boháč, 1993: 40 (*Eusphalerum*; subgenus *Eusphalerum*; Czech Republic; Slovakia).
 — Ádám, 1996: 237 (*Eusphalerum*; valid name; Hungary).
 ▲ **DISTRIBUTION:** Europe.

abdominale Gravenhorst, 1806: 219 (*Omalium*; Type locality: Not cited).

- Olivier, 1811: 480 (*Omalium*; characters; Europe).
- Runde, 1835: 22 (*Omalium*; characters; Germany).
- Erichson, 1839a: 639 (*Anthobium*; characters; Germany).
- Heer, 1839: 182 (*Omalium*; characters; Switzerland).
- Erichson, 1840: 893 (*Anthobium*; characters; Germany).
- Heer, 1841: 569 (*Omalium*; characters).
- Redtenbacher, 1849: 754 (*Anthobium*; characters; Austria).
- Fairmaire and Laboulbène, 1856: 647 (*Anthobium*; characters; France).
- Redtenbacher, 1857: 255 (*Anthobium*; characters; Austria).
- Kraatz, 1857d: 1007 (*Anthobium*; characters; Germany).
- Fauvel, 1871a: 63 [= 1872: 37] (*Eusphalerum*; characters; France; Germany; Switzerland; Italy).
- Fauvel, 1873b: 110 [= 1873c: 3] (*Anthobium*; Sardinia).
- Fauvel, 1874: 320 [= 1874b: 26] (*Anthobium*; Russia; Carpathians).
- Redtenbacher, 1874: 279 (*Anthobium*; characters; Austria).
- Seidlitz, 1875: 237 (*Anthobium*; characters; Baltic region).
- Mulsant and Rey, 1880: 321 (*Anthobium*; characters; France).
- Ganglbauer, 1895: 750 (*Anthobium*; subgenus *Eusphalerum*; characters; middle Europe).
- Reitter, 1909: 195 (*Anthobium*; subgenus *Eusphalerum*; characters; Germany).
- Bernhauer and Schubert, 1910: 38 (*Anthobium*; catalog).
- Portevin, 1929: 451 (*Anthobium*; characters; France).
- Scheerpeltz, 1933: 1032 (*Anthobium*; catalog).
- Freude, 1957: 109 (*Anthobium*; notes; Germany).
- Coiffait, 1959c: 241 (*Eusphalerum*; subgenus *Eusphalerum*; characters; France).
- Horion, 1963: 46 (*Anthobium*; subgenus *Eusphalerum*; Holland; Belgium; France; Switzerland; Italy; Sardinia; Bosnia; Romania; Czechoslovakia; Germany; Austria).
- Lohse, 1964: 33 (*Eusphalerum*; subgenus *Eusphalerum*; characters; central Europe).
- Scheerpeltz, 1968a: 6 (*Anthobium*; catalog; Austria).
- Burakowski, Mroczkowski, and Stefańska, 1979: 24 (*Eusphalerum*; synonym of *semicoleopratum*).
- Klinger, 1980: 456 (*Eusphalerum*; subgenus *Onibathum*; characters of abdominal defensive gland).
- Zanetti, 1981: 210 (*Eusphalerum*; characters).
- Tóth, 1982: 43 (*Eusphalerum*; characters; Hungary).
- Klinger, 1983: 38 (*Eusphalerum*; natural history notes; Germany).
- Zanetti, 1987: 126 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Lucht, 1987: 86 (*Eusphalerum*; checklist; Germany; Poland; Czechoslovakia; Austria; Switzerland; France; Benelux).
- Dettner and Reissenweber, 1991 (*Eusphalerum*; defensive secretions: chemistry and systematics).
- Boháč, 1993: 40 (*Eusphalerum*; synonym of *semicoleopratum*).
- Zanetti, 1995: 5 (*Eusphalerum*; Italy).
- Wenzel, 1997: 345 (*Eusphalerum*; collecting notes; Germany).
- Ádám, 1996: 237 (*Eusphalerum*; synonym of *semicoleopratum*).

senjoense Watanabe, 1990: 236 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Honshu: Mt. Senjô-ga-take, S. Jpn. Alps).

▲ **DISTRIBUTION:** Japan.

settei Zanetti, 1982a: 86 (*Eusphalerum*; subgenus *Pareusphalerum*; Type locality: Piccole Dolomiti, pendici M. Plische, tra il comune di Ala [TN] e il comune di Recoaro Terme, 1900–2000 m).

— Zanetti, 1987: 155 (*Eusphalerum*; subgenus *Pareusphalerum*; characters; Italy).

— Zanetti, 1995: 6 (*Eusphalerum*; Italy).

— Assing, Frisch, Kahlen, et al., 1998: 122 (*Eusphalerum*; subgenus *Pareusphalerum*; characters; Austria).

▲ **DISTRIBUTION:** Italy, Austria.

- shibatai** Watanabe, 1990: 207 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Honshu: Kanagawa Pref.: Mt. Kamiyama Hakone).
▲ **DISTRIBUTION:** Japan.
- shikokuense** Watanabe, 1990: 185 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Shikoku: Tokushima Pref.: Mt. Kôtsu-zan).
▲ **DISTRIBUTION:** Japan.
- shizuokanum** Watanabe, 1990: 227 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Honshu: Shizuoka Pref.: near Abe-Tôge).
▲ **DISTRIBUTION:** Japan.
- sibiricum** Luze, 1910: 232 (*Anthobium*; Type locality: Sibirien: Tomsk; Amurgebiet).
— Scheerpeltz, 1933: 1037 (*Anthobium*; catalog).
— Tikhomirova, 1973a: 137 (*Eusphalerum*; subgenus *Eusphalerum*; checklist; Siberia; Far East).
— Smetana 1975c: 154 (*Eusphalerum*; Mongolia).
— Zanetti, 1993a: 49 (*Eusphalerum*; notes on characters).
— Ryabukhin, 1999: 14 (*Eusphalerum*; catalog; habitat; distribution; northeastern Russia).
▲ **DISTRIBUTION:** Mongolia, Russia.
- sicanum** Zanetti, 1980: 170 (*Eusphalerum*; subgenus *Abinothum*; Type locality: Femminamorta, M. Nebrodi, Sicilia).
— Zanetti, 1987: 111 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
— Sparacio, 1995: 139 (*Eusphalerum*; characters; notes; Sicily).
— Zanetti, 1995: 6 (*Eusphalerum*; Italy).
— Zanetti and Sabella, 1998: 28 (*Eusphalerum*; notes; Sicily).
▲ **DISTRIBUTION:** Italy.
- signatum** Märkel, 1857: 172 (*Anthobium*; Type locality: im Ottowalder Grunde).
— Redtenbacher, 1857: 995 (*Anthobium*; characters; Austria).
— Kraatz, 1857d: 1006 (*Anthobium*; characters; Germany).
— Baudi, 1870: 403 (*Anthobium*; characters).
— Fauvel, 1871a: 64 [= 1872: 38] (*Eusphalerum*; characters; France; Austria; Germany; Switzerland; Italy).
— Redtenbacher, 1874: 280 (*Anthobium*; characters).
— Mulsant and Rey, 1880: 324 (*Anthobium*; characters; France).
— Ganglbauer, 1895: 750 (*Anthobium*; subgenus *Eusphalerum*; characters; middle Europe).
— Reitter, 1909: 195 (*Anthobium*; subgenus *Eusphalerum*; characters; Germany).
— Bernhauer and Schubert, 1910: 43 (*Anthobium*; catalog).
— Portevin, 1929: 451 (*Anthobium*; characters; France).
— Scheerpeltz, 1933: 1037 (*Anthobium*; catalog).
— Freude, 1957: 109 (*Anthobium*; Germany).
— Coiffait, 1959c: 246 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Alps).
— Horion, 1963: 46 (*Anthobium*; subgenus *Eusphalerum*; Holland; Belgium; France; Switzerland; Italy; Romania; Czech Republic; Germany; Austria).
— Lohse, 1964: 33 (*Eusphalerum*; subgenus *Eusphalerum*; characters; central Europe).
— Smetana, 1964d: 52 (*Anthobium*; subgenus *Eusphalerum*; Czechoslovakia).
— Klinger, 1980: 456 (*Eusphalerum*; subgenus *Onibathum*; characters of abdominal defensive gland).
— Zanetti, 1982: 136 (*Eusphalerum*; characters; Italy).
— Tóth, 1982: 43 (*Eusphalerum*; characters; Hungary).
— Klinger, 1983: 38 (*Eusphalerum*; natural history notes; Germany).
— Zanetti, 1987: 124 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
— Lucht, 1987: 86 (*Eusphalerum*; checklist; Germany; Poland; Czechoslovakia; Austria; Switzerland; France; Benelux).
— Dettner and Reissenweber, 1991 (*Eusphalerum*; defensive secretions: chemistry and systematics).
— Boháč, 1993: 40 (*Eusphalerum*; subgenus *Eusphalerum*; Czech Republic; Slovakia).
— Zanetti, 1995: 6 (*Eusphalerum*; Italy).

▲ **DISTRIBUTION:** France, Germany, Switzerland, Italy, Austria, Hungary, Czechoslovakia.

angulatum Luze, 1911a: 333 (*Anthobium*; Type locality: Porretta, Apenn. tosc., Italien).

— Scheerpeltz, 1933: 1033 (*Anthobium*; catalog).

— Coiffait, 1959c: 243 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).

— Zanetti, 1980b: 624 (*Eusphalerum*; subspecies of *signatum*).

— Zanetti, 1982: 136 (*Eusphalerum*; subspecies of *signatum*; characters; Italy).

— Zanetti, 1987: 124 (*Eusphalerum*; subgenus *Eusphalerum*; subspecies of *signatum*; characters; Italy).

— Zanetti, 1995: 6 (*Eusphalerum*; subspecies of *signatum*; Italy).

sikkimi Fauvel, 1904b: 88 (*Anthobium*; Type locality: Sikkim: Darjeeling).

— Bernhauer and Schubert, 1910: 43 (*Anthobium*; catalog).

— Cameron, 1930: 135 (*Anthobium*; subgenus *Eusphalerum*; characters; Sikkim).

— Scheerpeltz, 1933: 1037 (*Anthobium*; catalog).

— Scheerpeltz, 1976a: 99 (*Anthobium*; characters).

— Herman, 2001: 13 (*Eusphalerum*).

▲ **DISTRIBUTION:** India.

silesiacum Letzner, 1868, see: *sorbi* Gyllenhal, 1810.

simillimum Zanetti, 1993a: 56 (*Eusphalerum*; Type locality: Far East, N. Maritime Prov., Bolshaya Svetlovodnaya River, 40 km from mouth).

▲ **DISTRIBUTION:** Russia.

simpliciphallum Zanetti, 1998: 118 (*Eusphalerum*; Type locality: Taiwan: Kaohsiung Hsien, Kuanshan trail at Kaunshanchi riv., 2400 m).

▲ **DISTRIBUTION:** Taiwan.

sinuatocolle Lokay, 1919, see: *minutum* Fabricius, 1792.

sinuatum Fauvel, 1871, see: *anale* Erichson, 1840.

smetanai Zanetti, 1998: 132 (*Eusphalerum*; Type locality: Taiwan: Kaohsiung Hsien: Kuanshan, Kuhanoshing Hut, 3020 m).

▲ **DISTRIBUTION:** Taiwan.

solitare Sharp, 1874: 98 (*Anthobium*; Type locality: Nagasaki).

— Bernhauer and Schubert, 1910: 43 (*Anthobium*; catalog).

— Scheerpeltz, 1933: 1037 (*Anthobium*; catalog).

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

— Watanabe, 1990: 199 (*Eusphalerum*; characters; Japan).

▲ **DISTRIBUTION:** Japan, Taiwan.

rufiventre Cameron, 1930c: 182 (*Anthobium*; variety of *solitare*; Type locality: Kobe: Harada).

— Scheerpeltz, 1933: 1037 (*Anthobium*; variety of *solitare*).

— Watanabe, 1990: 200 (*Eusphalerum*; synonym of *solitare*).

sorbi Gyllenhal, 1810: 206 (*Omalium*; Type locality: Westrogothia).

— Gravenhorst, 1806: 216 (*Omalium*; [**Note:** Misidentification: Bernhauer and Schubert, 1910: 43 cited *ophthalmicum* Gravenhorst as a synonym of *sorbi* but Gravenhorst did not describe the species as new, he attributed it to Paykull]; characters).

— Gyllenhal, 1827: 464 (*Omalium*).

— Curtis, 1829: 28 (*Anthobium*; catalog; Britain).

— Mannerheim, 1830: 53 (*Omalium*; Sweden).

— Mannerheim, 1831: 467 (*Omalium*; Sweden).

— Stephens, 1834: 338 (*Anthobium*; characters; England).

— Runde, 1835: 22 (*Omalium*; characters; Germany).

— Erichson, 1839a: 640 (*Anthobium*; characters; Germany).

— Heer, 1839: 183 (*Omalium*; characters; Switzerland).

— Stephens, 1839: 425 (*Anthobium*; characters; England).

- Erichson, 1840: 895 (*Anthobium*; characters; Europe).
- Redtenbacher, 1849: 754 (*Anthobium*; characters; Austria).
- Hardy, 1851: 63 (*Anthobium*; notes; England).
- Fairmaire and Laboulbène, 1856: 650 (*Anthobium*; characters; France).
- Redtenbacher, 1857: 255 (*Anthobium*; characters; Austria).
- Kraatz, 1857d: 1018 (*Anthobium*; characters; Germany).
- Thomson, 1861: 203 (*Anthobium*; characters; Scandinavia).
- Fauvel, 1871a: 79 [= 1872: 53] (*Eusphalerum*; characters; France; Britain; Switzerland; Italy; Germany; Scandinavia; Greenland).
- Redtenbacher, 1874: 279 (*Anthobium*; characters; Austria).
- Seidlitz, 1875: 238 (*Anthobium*; characters; Baltic region).
- Fauvel, 1878d: 203 [= 1878e: 39] (*Anthobium*; characters; Greenland).
- Mulsant and Rey, 1880: 335 (*Anthobium*; characters; France).
- Fowler, 1888: 426 (*Anthobium*; characters; Britain).
- Ganglbauer, 1895: 752 (*Anthobium*; subgenus *Eusphalerum*; characters; north and middle Europe; Greenland).
- Poppius, 1905: 12 (*Anthobium*; Shetland Islands).
- Montandon, 1908: 77 (*Anthobium*; Romania).
- Reitter, 1909: 196 (*Anthobium*; subgenus *Eusphalerum*; characters; Germany).
- Bernhauer and Schubert, 1910: 43 (*Anthobium*; catalog).
- Johansen, 1914: 625 (*Anthobium*; characters; Denmark).
- Eichelbaum, 1914: 95 (*Anthobium*; abdominal segmentation; apical segments).
- Henriksen and Lundbeck, 1918: 500 (*Anthobium*; Greenland).
- Portevin, 1929: 454 (*Anthobium*; characters; France).
- Scheerpeltz, 1933: 1037 (*Anthobium*; catalog).
- Henriksen, 1939: 44 (*Anthobium*; Greenland).
- Palm, 1948: 58 (*Anthobium*; characters; Sweden; Denmark; Norway; Finland).
- Freude, 1957: 108 (*Anthobium*; Germany).
- Coiffait, 1959c: 247 (*Eusphalerum*; subgenus *Eusphalerum*; characters).
- Horion, 1963: 41 (*Anthobium*; subgenus *Eusphalerum*; Britain; Norway; Greenland; Faroes; Sweden; Finland; Russia; Denmark; Poland; Czechoslovakia; Hungary; Romania; Bosnia-Hercegovina; Macedonia; Italy; France; Switzerland; Belgium; Holland; Germany; Austria).
- Lohse, 1964: 32 (*Eusphalerum*; subgenus *Eusphalerum*; characters; central Europe).
- Scheerpeltz, 1968a: 7 (*Eusphalerum*; catalog; Austria).
- Steel, 1970a: 9 (*Eusphalerum*; biological notes).
- Tikhomirova, 1973a: 137 (*Eusphalerum*; checklist; USSR).
- Moore and Legner, 1975: 191 (*Eusphalerum*; synonym [?] of *orientale*).
- Pope, 1977: 23 (*Eusphalerum*; Britain).
- Muona, 1979: 17 (*Eusphalerum*; Finland; Russia; Sweden; Norway; Denmark).
- Burakowski, Mroczkowski, and Stefańska, 1979: 25 (*Eusphalerum*; catalog; Poland).
- Klinger, 1980: 456 (*Eusphalerum*; subgenus *Onibathum*; characters of abdominal defensive gland).
- Tóth, 1980: 96 (*Anthobium*; subgenus *Eusphalerum*; Hungary).
- Zanetti, 1982: 120, 122 (*Eusphalerum*; characters; Italy).
- Tóth, 1982: 40 (*Eusphalerum*; characters; Hungary).
- Klinger, 1983: 38 (*Eusphalerum*; natural history notes; Germany).
- Zanetti, 1984: 76 (*Eusphalerum*; Bulgaria).
- Terlutter, 1984: 14, 38 (*Eusphalerum*; notes; Germany).
- H. Franz, 1984: 59 (*Anthobium*; Macedonia).
- Zanetti, 1987: 149 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Lucht, 1987: 86 (*Eusphalerum*; checklist; Germany; Poland; Czechoslovakia; Austria; Switzerland; France; Belgium; Netherlands; Luxembourg; Denmark; Sweden).
- Dettner and Reissenweber, 1991 (*Eusphalerum*; defensive secretions: chemistry and systematics).
- Silfverberg, 1992: 21 (*Eusphalerum*; Finland; Russia; Sweden; Norway; Denmark; Estonia).
- Zanetti, 1993: 219, 256 (*Eusphalerum*; characters; catalog; Caucasus, Turkey, Iran, Europe).
- Boháč, 1993: 40 (*Eusphalerum*; subgenus *Eusphalerum*; Czech Republic; Slovakia).

- Assing, 1994a: 11 (*Eusphalerum*; wing length; xerothermous sites; Germany).
- Zanetti, 1995: 6 (*Eusphalerum*; Italy).
- M. Hansen, 1996: 95 (*Eusphalerum*; checklist; Denmark).
- Ádám, 1996: 237 (*Eusphalerum*; synonym of *testaceum*).
- Köhler, 1998: 159 (*Eusphalerum*; collecting notes; Germany).
- Herman, 2001: 20 (*Eusphalerum*; prevailing use as valid maintained pending outcome of application to Commission under Article 23.9.3).

▲ **DISTRIBUTION:** Greenland, Europe, Turkey, Iran, Caucasus.

testaceum Gravenhorst, 1806: 218 (*Omalium*; [**Note:** This name is older than *sorbi*]; Type locality: Not cited).

- Olivier, 1811: 480 (*Omalium*; characters; France).
- Lacordaire, 1835: 489 (*Omalium*; characters; France).
- Heer, 1839: 183 (*Omalium*; synonym of *sorbi*).
- Kraatz, 1857d: 1018 (*Anthobium*; synonym of *sorbi*).
- Mulsant and Rey, 1880: 336 (*Anthobium*; synonym of *sorbi*).
- Ganglbauer, 1895: 752 (*Anthobium*; synonym of *sorbi*).
- Bernhauer and Schubert, 1910: 43 (*Anthobium*; synonym of *sorbi*).
- Ádám, 1996: 237 (*Eusphalerum*; valid name; Hungary).
- Herman, 2001: 20 (*Eusphalerum*; synonym of *sorbi*).

silesiacum Letzner, 1868: 359 (*Anthobium*; Type locality: Grafschaft Glatz: Klessengrund, Königshainer Spitzberg; Eulen- und Waldenburger-Geb.: Grosse Hecke, Hornschloss, Bögenberge).

- Fauvel, 1871a: 79 [= 1872: 53] (*Eusphalerum*; synonym of *sorbi*).
- Redtenbacher, 1874: 281 (*Anthobium*; characters).
- Ganglbauer, 1895: 752 (*Anthobium*; synonym of *sorbi*).
- Bernhauer and Schubert, 1910: 43 (*Anthobium*; synonym of *sorbi*).
- Scheerpeltz, 1933: 1037 (*Anthobium*; synonym of *sorbi*).

iranicum Coiffait, 1976a: 65 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Iran: Gole Lovae, 750 m à 1400 m).

- Zanetti, 1993: 256 (*Eusphalerum*; synonym of *sorbi*).

sorbi Grimmer, 1841, see: *tenenbaumi* Bernhauer, 1932.

sorbicola Y. Kangas, 1941: 63 (*Anthobium*; Type locality: Salla).

- L. Benick, 1943b: 602 (*Anthobium*; characters).
- Palm, 1948: 61 (*Anthobium*; characters; Sweden; Norway; Finland).
- Horion, 1963: 47 (*Anthobium*; subgenus *Eusphalerum*; Finland; Sweden; Norway; Britain; Germany).
- Lohse, 1964: 35 (*Eusphalerum*; subgenus *Eusphalerum*; characters; central Europe).
- Smetana 1975c: 154 (*Eusphalerum*; Mongolia).
- Pope, 1977: 23 (*Eusphalerum*; Britain).
- Lucht, 1987: 86 (*Eusphalerum*; checklist; Germany).
- Hodge and Jones, 1995: 30 (*Eusphalerum*; characters; Britain).

▲ **DISTRIBUTION:** Finland, Norway, Sweden, Germany, Mongolia.

sordidulum Kraatz, 1857, see: *montivagum* Heer, 1839.

sparsum Fauvel, 1876, see: *palligerum* Kiesenwetter, 1847.

splendens Coiffait, 1959 [**Note:** *Nomen nudum*], see: *atrum* Heer, 1839.

starcki Reitter, 1890, see: *sarpetanum* Eppelsheim, 1878.

steinmanni Zanetti, 1993a: 52 (*Eusphalerum*; Type locality: Korea: Prov Kanwon, Kum-gang san, Man-mul san).

▲ **DISTRIBUTION:** Korea.

stramineum Kraatz, 1857d: 1015 (*Anthobium*; Type locality: Thüringen; Bonn).

- Redtenbacher, 1857: 995 (*Anthobium*; characters; Austria).
- Fauvel, 1871a: 77 [= 1872: 51] (*Eusphalerum*; characters; France; Germany; Switzerland; Italy).

- Redtenbacher, 1874: 280 (*Anthobium*; characters).
- Mulsant and Rey, 1880: 384 (*Anthobium*; characters; France).
- Ganglbauer, 1895: 753 (*Anthobium*; characters; Alps).
- Reitter, 1909: 197 (*Anthobium*; characters; Germany).
- Bernhauer and Schubert, 1910: 43 (*Anthobium*; catalog).
- Scheerpeltz, 1933: 1037 (*Anthobium*; catalog).
- Freude, 1957: 106 (*Anthobium*; Germany).
- Coiffait, 1959c: 224 (*Eusphalerum*; subgenus *Abinothum*; characters; Alps).
- Horion, 1963: 37 (*Anthobium*; Germany; Austria; Italy; Switzerland; France; Czechoslovakia).
- Lohse, 1964: 30 (*Eusphalerum*; subgenus *Abinothum*; characters; central Europe).
- Smetana, 1964d: 52 (*Anthobium*; subgenus *Anthobium*; Czechoslovakia).
- Klinger, 1980: 455 (*Eusphalerum*; subgenus *Abinothum*; characters of abdominal defensive gland).
- Tóth, 1982: 37 (*Eusphalerum*; characters).
- Klinger, 1983: 38 (*Eusphalerum*; natural history notes; Germany).
- Zanetti, 1987: 108 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Lucht, 1987: 85 (*Eusphalerum*; checklist; Germany; Czechoslovakia; Austria; Switzerland).
- Detner and Reissenweber, 1991 (*Eusphalerum*; defensive secretions: chemistry and systematics).
- Boháč, 1993: 40 (*Eusphalerum*; subgenus *Abinothium*; Czech Republic).
- Zanetti, 1995: 6 (*Eusphalerum*; Italy).

▲ **DISTRIBUTION:** France, Germany, Switzerland, Italy, Czechoslovakia.

laevipenne Baudi, 1870: 404 (*Anthobium*; Type locality: Alpi maritimi).

- Fauvel, 1871a: 77 [= 1872: 51] (*Eusphalerum*; synonym of *stramineum*).
- Mulsant and Rey, 1880: 384 (*Anthobium*; synonym of *stramineum*).
- Bernhauer and Schubert, 1910: 43 (*Anthobium*; synonym of *stramineum*).
- Zanetti, 1987: 108 (*Eusphalerum*; synonym of *stramineum*).

stussineri Bernhauer, 1909: 52 (*Anthobium*; Type locality: Südtalien, Central-Calabrien, am Monte Nero).

- Bernhauer and Schubert, 1910: 43 (*Anthobium*; catalog).
- Zanetti, 1982: 131 (*Eusphalerum*; subspecies of *luteum*; characters; Italy).
- Zanetti, 1987: 140 (*Eusphalerum*; subgenus *Eusphalerum*; valid species; characters; Italy).
- Zanetti, 1995: 6 (*Eusphalerum*; Italy).

▲ **DISTRIBUTION:** Italy.

subangulatum Casey, 1894: 430 (*Anthobium*; Type locality: California: Lake Tahoe).

- Bernhauer and Schubert, 1910: 43 (*Anthobium*; catalog).
- Moore and Legner, 1975: 191 (*Eusphalerum*; checklist).
- Downie and Arnett, 1996: 439 (*Eusphalerum*; characters; USA).

▲ **DISTRIBUTION:** USA.

subangusticolle Coiffait, 1959: 221 (*Eusphalerum*; subgenus *Abinothum*; Type locality: Basses-Alpes: Col de la Cayolle).

▲ **DISTRIBUTION:** France.

subjectum Mulsant and Rey, 1880, see: *alpinum* Heer, 1839.

subjurassicum Coiffait, 1959c: 221 (*Eusphalerum*; subgenus *Abinothum*; Type locality: Basses-Alpes: Saint-Paul-sur-Ubaye).

▲ **DISTRIBUTION:** France.

subsolanum Herman, 2001: 37 (*Eusphalerum*; replacement name for *nigriventre* Motschulsky).

▲ **DISTRIBUTION:** Russia.

nigriventre Motschulsky, 1860: 544 (*Anthobium*; [preoccupied]; Type locality: Sibérie orientale à Ajan et Ochotsk; [Note: See lectotype designation by Zanetti, 1993a]).

- J. Sahlberg, 1880: 109 (*Anthobium*; characters; Siberia).
- Poppius, 1909: 3 (*Anthobium*; Lena Valley, Siberia).
- Bernhauer and Schubert, 1910: 41 (*Anthobium*; catalog).

- Bernhauer, 1926g: 2 (*Anthobium*; Kamchatka region).
- Tikhomirova, 1973a: 137 (*Eusphalerum*; subgenus *Eusphalerum*; checklist; Arkhangelsk; Central Asia; Urals; Eastern Siberia; Far East).
- Zanetti, 1993a: 48 (*Eusphalerum*; lectotype designation [**Note:** Locality not cited]; notes on characters).
- Ryabukhin, 1999: 14 (*Eusphalerum*; catalog; habitat; distribution; northeastern Russia).
- Herman, 2001: 37 (*Eusphalerum*; synonym of *subsolanum*).
- swauki** Hatch, 1957: 83 (*Eusphalerum*; subgenus *Onibathum*; Type locality: Washington: Kittitas Co.: Swauk Creek. Also cited from British Columbia, Oregon, and Idaho).
- Hatch, 1944: 101 (*Anthobium*; subgenus *Eusphalerum*; [**Note:** Misidentified as *californicum* according to Hatch, 1957: 84]; Oregon; Washington).
- Moore and Legner, 1975: 191 (*Eusphalerum*; checklist).
- ▲ **DISTRIBUTION:** Canada, USA.
- szeli** Zanetti, 1993a: 54 (*Eusphalerum*; Type locality: Korea: Ryanggang Prov., 31 km on Paekdu-san road, NW of Samjiyon 2000 m).
- ▲ **DISTRIBUTION:** Korea.
- tachiyazanum** Watanabe, 1990: 231 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Honshu: Yamagata Pref.: Tachiyazawa, Higashitagawa).
- ▲ **DISTRIBUTION:** Japan.
- taiwanense** Zanetti, 1998: 122 (*Eusphalerum*; Type locality: Taiwan: Taichung Hsien, Anmashan, 2150 m).
- ▲ **DISTRIBUTION:** Taiwan.
- takane** Watanabe, 1990: 193 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Honshu: Mt. Sanpuku-tôge, S. Jpn. Alps).
- ▲ **DISTRIBUTION:** Japan.
- tempestivum** Erichson, 1840: 895 (*Anthobium*; Type locality: Sardinia).
- Mulsant and Rey, 1880: 334 (*Anthobium*; characters; Corsica; Sardinia).
- Sainte-Claire Deville, 1906: 67 (*Anthobium*; Corsica).
- Bernhauer and Schubert, 1910: 44 (*Anthobium*; catalog).
- Luze, 1910: 229 (*Anthobium*; characters).
- Scheerpeltz, 1933: 1038 (*Anthobium*; catalog).
- Coiffait, 1959c: 244 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Italy).
- Zanetti, 1982: 125 (*Eusphalerum*; characters; Italy).
- Zanetti, 1987: 135 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Sardinia; mainland reports from Italy may be *clavipes*; reports from Corsica may be *corsicum*).
- Zanetti, 1995: 6 (*Eusphalerum*; Italy).
- ▲ **DISTRIBUTION:** Sardinia.
- obscurellum** Luze, 1911a: 334 (*Anthobium*; aberration of *tempestivum*; [**Note:** **Nomen nudum** (Articles 1.3.4, 45.5)]; no locality cited).
- Scheerpeltz, 1933: 1038 (*Anthobium*; variety of *tempestivum*).
- Coiffait, 1959c: 244 (*Eusphalerum*; subgenus *Eusphalerum*; aberration of *tempestivum*; characters).
- Zanetti, 1987: 135 (*Eusphalerum*; aberration of *tempestivum*; characters; Italy).
- satanas** Luze, 1911a: 334 (*Anthobium*; aberration of *tempestivum*; [**Note:** **Nomen nudum** (Articles 1.3.4, 45.5)]; no locality cited).
- Scheerpeltz, 1933: 1038 (*Anthobium*; variety of *tempestivum*).
- Coiffait, 1959c: 244 (*Eusphalerum*; subgenus *Eusphalerum*; aberration of *tempestivum*; characters).
- Zanetti, 1987: 135 (*Eusphalerum*; aberration of *tempestivum*; characters; Italy).
- tenenbaumi** Bernhauer, 1932c: 232 (*Anthobium*; variety of *florale*; Type locality: Umgebung von Pieniny Pustelnia, Sw. Kingi, Polen).
- Panzer, 1796b: 20 (*Staphylinus*; [**Note:** Misidentification: Bernhauer and Schubert, 1910: 39 cited *florale* Panzer as a valid species; Panzer did not describe the species as new, he attributed it to Paykull]; characters; illustrations).

- Heer, 1839: 180 (*Omalium*; [**Note:** Misidentification: Bernhauer and Schubert, 1910: 39 cited *triviale* Heer as a synonym of *florale* Panzer; Heer did not describe the species as new, he attributed it to Erichson]; characters; Switzerland).
 - Erichson, 1840: 891 (*Anthobium*; [**Note:** Misidentification: Erichson (and Bernhauer and Schubert, 1910: 39) cited *florale* Panzer as a valid species; Panzer did not describe the species as new, he attributed it to Paykull]; characters; Germany; France).
 - Redtenbacher, 1849: 755 (*Anthobium*; [**Note:** Misidentification: Redtenbacher (and Bernhauer and Schubert, 1910: 39) cited *florale* Panzer as a valid species; Panzer attributed the species to Paykull]; characters; Austria).
 - Kraatz, 1857d: 1009 (*Anthobium*; [**Note:** Misidentification: Kraatz (and Bernhauer and Schubert, 1910: 39) cited *florale* Paykull as a valid species; Panzer attributed it to Paykull]; characters; Germany).
 - Redtenbacher, 1857: 255 (*Anthobium*; [**Note:** Redtenbacher cited *florale* Panzer as a valid species; Panzer did not describe the species as new, he attributed it to Paykull]; characters; Austria).
 - Fauvel, 1871a: 63 [= 1872: 37] (*Eusphalerum*; [**Note:** Fauvel cited *florale* Panzer as a valid species; Panzer did not describe the species as new, he attributed it to Paykull]; characters; France; Germany; Switzerland; Italy).
 - Redtenbacher, 1874: 280 (*Anthobium*; cited as *florale* Panzer; characters; Austria).
 - Mulsant and Rey, 1880: 297 (*Anthobium*; cited as *florale* Panzer who attributed it to Paykull; characters; France).
 - Ganglbauer, 1895: 748 (*Anthobium*; subgenus *Eusphalerum*; cited as *florale* Panzer; characters; middle Europe).
 - Fauvel, 1902b: 50 (*Anthobium*; cited as *florale* Panzer; Algeria).
 - Reitter, 1909: 195 (*Anthobium*; subgenus *Eusphalerum*; cited as *florale*; characters; Germany).
 - Bernhauer and Schubert, 1910: 39 (*Anthobium*; cited as *florale*; catalog).
 - Scheerpeltz, 1933: 1033 (*Anthobium*; cited as *tennenbaumi*; cited as variety of *florale* [which is a misidentification]; catalog).
 - Freude, 1957: 112 (*Anthobium*; cited as *florale*; Germany).
 - Coiffait, 1959c: 249 (*Eusphalerum*; subgenus *Pareusphalerum*; cited as *florale*; characters).
 - Horion, 1963: 52 (*Anthobium*; subgenus *Eusphalerum*; cited *florale* Panzer; Denmark; Belgium; France; Switzerland; Italy; Croatia; Bosnia; Macedonia; Romania; Hungary; Czechoslovakia; Poland; Germany; Austria).
 - Lohse, 1964: 36 (*Eusphalerum*; subgenus *Pareusphalerum*; cited as *florale* Panzer; characters; central Europe).
 - Smetana, 1964d: 52 (*Anthobium*; subgenus *Eusphalerum*; cited as *florale*; Czechoslovakia).
 - Klinger, 1980: 456 (*Eusphalerum*; subgenus *Pareusphalerum*; cited as *florale*; characters of abdominal defensive gland).
 - Zanetti, 1982a: 89, 90 (*Eusphalerum*; subgenus *Pareusphalerum*; cited as *florale* Panzer; characters).
 - Tóth, 1982: 45 (*Eusphalerum*; cited as *florale* Panzer; characters; Hungary).
 - Klinger, 1983: 38 (*Eusphalerum*; cited as *florale* Panzer; natural history notes; Germany).
 - Zanetti, 1987: 154 (*Eusphalerum*; subgenus *Pareusphalerum*; cited as *florale* Erichson who cited Panzer as the author; characters; Italy).
 - Lucht, 1987: 86 (*Eusphalerum*; cited as *florale* Panzer; checklist; Germany; Poland; Czechoslovakia; Austria; Switzerland; France; Benelux; Denmark; Sweden).
 - Silfverberg, 1991: 21 (*Eusphalerum*; valid name for *florale* auct.).
 - Detner and Reissenweber, 1991 (*Eusphalerum*; cited as *florale*; defensive secretions: chemistry and systematics).
 - Zanetti, 1991a: 29 (*Eusphalerum*; cited as *florale* Erichson; North African records may be erroneous).
 - Ádám, 1996: 237 (*Pareusphalerum*; valid name; Hungary).
 - Assing, Frisch, Kahlen, et al., 1998: 122 (*Eusphalerum*; cited as *florale* Panzer; characters).
 - Ryabukhin, 1999: 14 (*Eusphalerum*; cited as *florale* Panzer; catalog; habitat; distribution; northeastern Russia).
- ▲ **DISTRIBUTION:** Europe, Algeria (?).

sorbi Grimmer, 1841: 33 (*Omalium*; [**Note: Nomen dubium; preoccupied**]; Type locality: Steiermark).

— Weise, 1876: 178 (*Anthobium*; synonym of *florale* Panzer).

— Bernhauer and Schubert, 1910: 39 (*Anthobium*; synonym of *florale*).

testaceum Gravenhorst, 1806, see: *sorbi* Gyllenhal, 1810.

tibiale Casey, 1894: 429 (*Anthobium*; Type locality: Arizona).

— Fall and Cockerell, 1907: 168 (*Anthobium*; New Mexico).

— Bernhauer and Schubert, 1910: 44 (*Anthobium*; catalog).

— Moore and Legner, 1975: 191 (*Eusphalerum*; checklist).

▲ **DISTRIBUTION:** USA.

tibiale Luze, 1910, see: *luteicornis* Erichson, 1840.

torquatum Marsham, 1802: 127 (*Silpha*; Type locality: Britain).

— Curtis, 1829: 28 (*Anthobium*; catalog; Britain).

— Stephens, 1834: 339 (*Anthobium*; characters; England).

— Lacordaire, 1835: 489 (*Lesteva*; [**Note: Misidentification: Bernhauer and Schubert, 1910: 44 cited *testaceum* Lacordaire as a synonym of *torquatum* Marsham; Lacordaire did not describe the species as new, he attributed it to Gravenhorst**]; characters; France).

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

— Stephens, 1839: 425 (*Anthobium*; characters; England).

— Erichson, 1840: 895 (*Anthobium*; synonym of *sorbi*).

— Hardy, 1851: 63 (*Anthobium*; notes; England).

— Redtenbacher, 1857: 995 (*Anthobium*; characters; Austria).

— Fauvel, 1871a: 67 [= 1872: 41] (*Eusphalerum*; characters; France; Britain; Germany; Switzerland; Italy; Algeria; Madeira).

— Redtenbacher, 1874: 281 (*Anthobium*; characters).

— Seidlitz, 1875: 238 (*Anthobium*; characters; Baltic region).

— Fauvel, 1878: 87 [= 1878a: 7] (*Anthobium*; Algeria; Morocco).

— Fauvel, 1886: 13 [= 1886a: 5] (*Anthobium*; Algeria; Morocco).

— Fowler, 1888: 426 (*Anthobium*; characters; Britain).

— Ganglbauer, 1895: 751 (*Anthobium*; subgenus *Eusphalerum*; characters; Germany; western middle Europe; western Mediterranean region).

— Reitter, 1909: 196 (*Anthobium*; subgenus *Eusphalerum*; characters; Germany).

— Bernhauer and Schubert, 1910: 44 (*Anthobium*; catalog).

— Johansen, 1914: 624 (*Anthobium*; characters; Denmark).

— Portevin, 1929: 453 (*Anthobium*; characters; France).

— Scheerpeltz, 1933: 1038 (*Anthobium*; catalog).

— C. Koch, 1940: 372 (*Anthobium*; Spain).

— Palm, 1948: 59 (*Anthobium*; characters; Sweden; Denmark).

— Freude, 1957: 108 (*Anthobium*; Germany).

— Coiffait, 1959c: 238 (*Eusphalerum*; subgenus *Eusphalerum*; characters).

— Horion, 1963: 44 (*Anthobium*; subgenus *Eusphalerum*; Britain; Denmark; Sweden; Finland; Holland; Belgium; France; Spain; Portugal; Switzerland; Italy; Romania; Czech Republic; Germany; Austria).

— Lohse, 1964: 33 (*Eusphalerum*; subgenus *Eusphalerum*; characters; central Europe).

— Steel, 1970a: 9 (*Eusphalerum*; biological notes).

— Moore and Legner, 1975: 191 (*Eusphalerum*; checklist; Newfoundland).

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

— Tóth, 1982: 42 (*Eusphalerum*; characters).

— Klinger, 1983: 38 (*Eusphalerum*; natural history notes; Germany).

— Zanetti, 1987: 133 (*Eusphalerum*; subgenus *Eusphalerum*; characters; notes on subspecies; species may not occur in Italy).

— Lucht, 1987: 86 (*Eusphalerum*; checklist; Germany; Poland; Czechoslovakia; Austria; Switzerland; France; Benelux; Denmark; Sweden).

— Watanabe, 1990: 237 (*Eusphalerum*; characters; Japan).

— Dettner and Reissenweber, 1991 (*Eusphalerum*; defensive secretions: chemistry and systematics).

- Silfverberg, 1992: 21 (*Eusphalerum*; Russia; Sweden; Norway; Denmark).
 - Welch, 1993: 227 (*Eusphalerum*; ovariole number and ovary structure).
 - Boháč, 1993: 40 (*Eusphalerum*; subgenus *Eusphalerum*; Czech Republic).
 - Zanetti, 1995: 6, 59 (*Eusphalerum*; may not occur in Italy).
 - ▲ **DISTRIBUTION:** Norway, Sweden, Britain, Denmark, Belgium, Netherlands, France, Germany, Switzerland, Spain, Portugal, Madeira, Algeria, Morocco, Japan, Canada.
- mucronatum* Stephens, 1834: 339 (*Anthobium*; Type locality: London; Devonshire; near Bristol; Suffolk; Norfolk; Yorkshire).
- Stephens, 1839: 425 (*Anthobium*; characters; England).
 - Hardy, 1851: 63 (*Anthobium*; synonym of *torquatum*).
 - C. Waterhouse, 1858: 32 (*Anthobium*; synonym of *torquatum*).
 - Fauvel, 1871a: 67 [= 1872: 41] (*Eusphalerum*; synonym of *torquatum*).
 - Ganglbauer, 1895: 751 (*Anthobium*; synonym of *torquatum*).
 - Bernhauer and Schubert, 1910: 44 (*Anthobium*; synonym of *torquatum*).
- nigriventre* Stephens, 1834: 343 (*Anthobium*; Type locality: London).
- Stephens, 1839: 426 (*Lathrimaeum*; characters; England).
 - Hardy, 1851: 63 (*Anthobium*; synonym of *torquatum*).
- scutellare* Erichson, 1840: 895 (*Anthobium*; Type locality: Austria; France).
- Heer, 1841: 570 (*Omalium*; synonym of *montivagum*).
 - Redtenbacher, 1849: 754 (*Anthobium*; characters; Austria).
 - Kiesenwetter, 1851a: 436 (*Anthobium*; France).
 - Hardy, 1851: 63 (*Anthobium*; synonym of *torquatum*).
 - Rosenhauer, 1856: 86 (*Anthobium*; Granada, Rio Darro).
 - Fairmaire and Laboulbène, 1856: 650 (*Anthobium*; synonym of *montivagum*).
 - Redtenbacher, 1857: 255 (*Anthobium*; characters; Austria).
 - Kraatz, 1857d: 1016 (*Anthobium*; characters; Germany).
 - Fauvel, 1871a: 67 [= 1872: 41] (*Eusphalerum*; synonym of *torquatum*).
 - Redtenbacher, 1874: 279 (*Anthobium*; characters; Austria).
 - Fauvel, 1878: [= 1878a:] (*Anthobium*; synonym of *torquatum*).
 - Mulsant and Rey, 1880: 329 (*Anthobium*; characters; France).
 - Ganglbauer, 1895: 751 (*Anthobium*; synonym of *torquatum*).
 - Bernhauer and Schubert, 1910: 44 (*Anthobium*; synonym of *torquatum*).
 - Scheerpeltz, 1933: 1038 (*Anthobium*; synonym of *torquatum*).
- adustum* Kiesenwetter, 1851a: 438 (*Anthobium*; [**preoccupied**]; Type locality: Mont Louis dans le Pyrénées Orientales).
- Fauvel, 1871a: 68 [= 1872: 42] (*Eusphalerum*; characters; France).
 - Fauvel, 1873b: 111 [= 1873c: 4] (*Anthobium*; synonym of *torquatum*).
 - Mulsant and Rey, 1880: 329 (*Anthobium*; synonym of *scutellare*).
 - Bernhauer and Schubert, 1910: 44 (*Anthobium*; synonym of *torquatum*).
 - Portevin, 1929: 453 (*Anthobium*; characters; France).
 - Scheerpeltz, 1933: 1038 (*Anthobium*; variety of *torquatum*).
 - Coiffait, 1959c: 240 (*Eusphalerum*; subgenus *Eusphalerum*; characters; Pyrenees).
 - Shibata, 1974: 32 (*Eusphalerum*; variety of *torquatum*; Japan).
 - Outerelo, 1980a: 54 (*Eusphalerum*; Spain).
 - Zanetti, 1987: 133 (*Eusphalerum*; subgenus *Eusphalerum*; variety of *torquatum*; characters).
 - Watanabe, 1990: 237 (*Eusphalerum*; synonym of *torquatum*).
- adultum* Kiesenwetter, 1851: 156 (*Anthobium*; Type locality: Orte le Vernet in dem Flusstale des Tet).
- Rosenhauer, 1856: 87 (*Anthobium*; P. S. Maria).
 - Bernhauer and Schubert, 1910: 44 (*Anthobium*; synonym of *torquatum*).
- pumilio* Rosenhauer, 1856: 87 (*Anthobium*; Type locality: Malaga; Algeciras; Ronda).
- Fauvel, 1873b: 111 [= 1873c: 4] (*Anthobium*; synonym of *torquatum*).
 - Bernhauer and Schubert, 1910: 44 (*Anthobium*; synonym of *torquatum*).

- ustulatum* Fairmaire and Laboulbène, 1856: 649 (*Anthobium*; Type locality: Pyrenees Oriental, environs de Mt. Louis).
 — Kraatz, 1857d: 1016 (*Anthobium*; synonym of *adustum*).
 — Mulsant and Rey, 1880: 329 (*Anthobium*; synonym of *scutellare*).
 — Bernhauer and Schubert, 1910: 44 (*Anthobium*; synonym of *torquatum*).
- puncticeps* Luze, 1910: 243 (*Anthobium*; Type locality: Asturien, Albas).
 — Scheerpeltz, 1933: 1036 (*Anthobium*; catalog).
 — Jarrige, 1946a: 110 (*Anthobium*; France).
 — Coiffait, 1959c: 240 (*Eusphalerum*; subgenus *Eusphalerum*; variety of *torquatum*; characters; Pyrenees).
 — Scheerpeltz, 1960d: 133 (*Anthobium*; subgenus *Eusphalerum*; cited as valid species; Portugal).
 — Zanetti, 1987: 133 (*Eusphalerum*; subgenus *Eusphalerum*; variety of *torquatum*; characters).
- balmae* Coiffait, 1959c: 240 (*Eusphalerum*; subgenus *Eusphalerum*; subspecies of *torquatum*; Type locality: Provence: La Ste. Baume).
 — Zanetti, 1987: 134 (*Eusphalerum*; subgenus *Eusphalerum*; subspecies of *torquatum*; characters; France).
- andromorphe* Coiffait, 1959c: 238 (*Eusphalerum*; subgenus *Eusphalerum*; subspecies of *torquatum*; Type locality: Basses Pyrénées: les Forges d'Abel).
 — Zanetti, 1987: 133 (*Eusphalerum*; subgenus *Eusphalerum*; subspecies of *torquatum*; characters).
- towadaense** Watanabe, 1990: 233 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Honshu: Aomori Pref.: Towada).
 ▲ **DISTRIBUTION:** Japan.
- transcaucasicum** Bernhauer, 1902d: 705 (*Anthobium*; Type locality: Talysch-Gebirge).
 — Bernhauer and Schubert, 1910: 44 (*Anthobium*; catalog).
 — Tikhomirova, 1973a: 137 (*Eusphalerum*; subgenus *Eusphalerum*; checklist; Talysh).
 — Zanetti, 1993: 217, 247 (*Eusphalerum*; characters; catalog; Caucasus, Armenia, Turkey).
 ▲ **DISTRIBUTION:** Armenia, Caucasus, Turkey.
- nudum* Luze, 1910: 241 (*Anthobium*; Type locality: Kaukasus).
 — Scheerpeltz, 1933: 1035 (*Anthobium*; catalog).
 — Zanetti, 1993: 247 (*Eusphalerum*; synonym of *transcaucasicum*).
- triviale* Erichson, 1839, see: *primulae* Stephens, 1834.
- tsukushiense** Watanabe, 1990: 223 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Kyushu: Fukuoka Pref.: Magaribuchi).
 ▲ **DISTRIBUTION:** Japan.
- uhligi** Zanetti, 1991: 292 (*Eusphalerum*; Type locality: Kazakhstan: Alma-Ata, Transili-Alatau Prochodnaja-Ufer, Alma-Arasen, 2000 m. Also cited from Kirghizia).
 ▲ **DISTRIBUTION:** Kazakhstan, Kyrgyzstan.
- umbellatarum** Kiesenwetter, 1850: 222 (*Anthobium*; Type locality: Pyrenaei orientales).
 — Kiesenwetter, 1851a: 439 (*Anthobium*; characters; France).
 — Fairmaire and Laboulbène, 1856: 651 (*Anthobium*; characters; France).
 — Fauvel, 1871a: 75 [= 1872: 49] (*Eusphalerum*; characters; France).
 — Mulsant and Rey, 1880: 366 (*Anthobium*; characters; France).
 — Bernhauer and Schubert, 1910: 44 (*Anthobium*; catalog).
 — Portevin, 1929: 456 (*Anthobium*; characters; France).
 — Scheerpeltz, 1933: 1038 (*Anthobium*; catalog).
 — Coiffait, 1959c: 226 (*Eusphalerum*; subgenus *Abinothum*; characters; Pyrenees).
 — Lucht, 1987: 85 (*Eusphalerum*; checklist).
 ▲ **DISTRIBUTION:** Belgium, France.
- celticum* Coiffait, 1959c: 226 (*Eusphalerum*; subgenus *Abinothum*; subspecies of *umbellatarum*; Type locality: Creuse, Sainte-Feyre).
 — Lohse, 1964: 31 (*Eusphalerum*; subgenus *Abinothum*; subspecies of *umbellatarum*; characters; central Europe).

- Lucht, 1987: 85 (*Eusphalerum*; subspecies of *umbellatarum*; checklist; Germany; France).
- Haghebaert, Bruge, and Drugmand, 1990: 35 (*Eusphalerum*; subspecies of *umbellatarum*; Belgium).

umbricolor Roubal, 1915, see: *sareptanum* Eppelsheim, 1878.

uncipes C. Koch, 1938, see: *petzi* Bernhauer, 1910.

ustulatum Fairmaire and Laboulbène, 1856, see: *torquatum* Marsham, 1802.

vesubianum Coiffait, 1959, see: *montivagum* Heer, 1839.

viertli Ganglbauer, 1895: 748 (*Anthobium*; subgenus *Eusphalerum*; Type locality: Fünfkirchen in Ungarn).

- Bernhauer and Schubert, 1910: 44 (*Anthobium*; catalog).
- Luze, 1910: 227 (*Anthobium*; notes).
- Scheerpeltz, 1933: 1038 (*Anthobium*; catalog).
- Coiffait, 1959c: 248 (*Eusphalerum*; subgenus *Pareusphalerum*; characters; central Europe; (?) France).
- Zanetti, 1982a: 90 (*Eusphalerum*; subgenus *Pareusphalerum*; characters).
- Tóth, 1982: 46 (*Eusphalerum*; characters; Hungary).
- Zanetti, 1995: 6 (*Eusphalerum*; Italy).

▲ **DISTRIBUTION:** Italy, Hungary.

rufulum Luze, 1910: 227 (*Anthobium*; aberration of *viertli*; [**Note: Nomen nudum** (Articles 1.3.4, 45.5)]; no locality cited).

- Scheerpeltz, 1933: 1038 (*Anthobium*; aberration of *viertli*).
- Tóth, 1982: 46 (*Eusphalerum*; aberration of *viertli*; characters).

visentinii Zanetti, 1982, see: *limbatum* Erichson, 1840.

wittmeri Coiffait, 1976a: 64 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Iran: Assalam, 1300 m).

- Zanetti, 1993: 217, 249 (*Eusphalerum*; characters; catalog; Iran).

▲ **DISTRIBUTION:** Iran.

yakushmanum Watanabe, 1990: 190 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Kagoshima Pref.: Kosugidani on Yakushima Is.).

▲ **DISTRIBUTION:** Japan.

yamanami Watanabe, 1990: 209 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Honshu: Gunma Pref.: Mt. Jōshū-Hotaka).

▲ **DISTRIBUTION:** Japan.

yasukawai Watanabe, 1990: 228 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Honshu: Tokyo Pref.: Mt. Mitake, Okutama).

▲ **DISTRIBUTION:** Japan.

yukiguni Watanabe, 1990: 205 (*Eusphalerum*; subgenus *Eusphalerum*; Type locality: Japan: Honshu: Niigata Pref.: Komanoyu).

▲ **DISTRIBUTION:** Japan.

zerchei Zanetti, 1992: 351 (*Eusphalerum*; Type locality: Jugoslawien, Mezadonien, Baba planina, Hutte Kopanki Umgb., 1500–1800 m).

▲ **DISTRIBUTION:** Macedonia.

zolutarevi Reitter, 1909a: 55 (*Anthobium*; Type locality: Zentralkaukasus; Kluchorpass).

- Bernhauer and Schubert, 1910: 44 (*Anthobium*; catalog).
- Scheerpeltz, 1933: 1038 (*Anthobium*; catalog).
- Tikhomirova, 1973a: 137 (*Eusphalerum*; subgenus *Eusphalerum*; checklist; Caucasus).
- Zanetti, 1993: 222, 259 (*Eusphalerum*; characters; catalog; Caucasus).

▲ **DISTRIBUTION:** Russia.

melichari Bernhauer, 1913a: 220 (*Anthobium*; Type locality: nördlichen Kaukasus).

- Scheerpeltz, 1933: 1035 (*Anthobium*; catalog).
- Tikhomirova, 1973a: 137 (*Eusphalerum*; subgenus *Eusphalerum*; checklist; Caucasus).
- Zanetti, 1993: 259 (*Eusphalerum*; synonym of *zolutarevi*).