

LEPTOTHORAX

abeli Fontenla Rizo, 1997; see under **TEMNOTHORAX**.

acerorum. *Formica acervorum* Fabricius, 1793: 358 (w.) DENMARK.

[Misspelled as *ecervorum* by Teranishi, 1932: 50.]

Latreille, 1798: 49 (q.m.); Wheeler, G.C. & Wheeler, J. 1955b: 21 (l.).

Combination in *Myrmica*: Zetterstedt, 1838: 451;

combination in *L. (Mychothorax)*: Ruzsky, 1904a: 288;

combination in *Mychothorax*: Bondroit, 1920a: 153;

combination in *Leptothorax*: Mayr, 1855: 436; Bondroit, 1920b: 303.

Status as species: Latreille, 1798: 49; Latreille, 1802c: 255; Fabricius, 1804: 407; Billberg, 1820: 104; Zetterstedt, 1838: 451; Nylander, 1846a: 936; Foerster, 1850a: 61; Smith, F. 1851: 5; Schenck, 1852: 97; Curtis, 1854: 215; Mayr, 1855: 436 (redescription); Smith, F. 1855b: 124; Nylander, 1856b: 89; Gredler, 1858: 25; Smith, F. 1858b: 118; Mayr, 1861: 58 (in key); Meinert, 1861: 329; Roger, 1863b: 26; Mayr, 1863: 426; Smith, F. 1871b: 3; Dours, 1873: 168; Forel, 1874: 84 (in key); André, 1874: 189 (in key); Emery, 1878b: 50; Emery & Forel, 1879: 458; Saunders, E. 1880: 219; André, 1883a: 294 (in key); White, W.F. 1884: 264; Nasonov, 1889: 30; Forel, 1892i: 314; Dalla Torre, 1893: 122; Ruzsky, 1896: 72; Saunders, E. 1896: 36; Ruzsky, 1902d: 20; Ruzsky, 1902e: 16; Ruzsky, 1903c: 207; Ruzsky, 1904a: 288; Forel, 1904b: 375; Ruzsky, 1904b: 3; Ruzsky, 1905b: 609; Wasmann, 1906: 119 (in key); Bondroit, 1910: 497; Karavaiev, 1912b: 582; Stitz, 1914: 61; Crawley, 1914a: 91 (in key); Emery, 1914d: 157; Donisthorpe, 1915d: 147; Forel, 1915d: 26 (in key); Emery, 1916b: 176; Ruzsky, 1916: 5; Escherich, 1917: 327 (in key); Wheeler, W.M. 1917e: 18; Bondroit, 1918: 121; Nadig, 1918: 339; Bondroit, 1920a: 153; Bondroit, 1920b: 303; Soudek, 1922: 49; Kulmatycki, 1922: 76; Müller, 1923b: 97; Emery, 1924d: 261; Menozzi, 1925d: 33; Ruzsky, 1925a: 289; Ruzsky, 1925b: 45; Betrem, 1926: 216; Stärcke, 1926: 93 (in key); Donisthorpe, 1927b: 164; Karavaiev, 1927b: 108; Karavaiev, 1927c: 267 (in key); Kuznetsov-Ugamsky, 1928b: 30; Lomnicki, 1928: 5; Kuznetsov-Ugamsky, 1929a: 31; Karavaiev, 1930b: 147; Karavaiev, 1931b: 30; Karavaiev, 1931c: 106; Karavaiev, 1931e: 212; Gösswald, 1932: 86; Teranishi, 1932: 50; Arnol'di, 1933b: 598 (in key); Karavaiev, 1934: 142 (redescription); Grandi, 1935: 101; Ruzsky, 1936: 93; Stitz, 1939: 158; Menozzi, 1939a: 302; Holgersen, 1940: 184; Novák, in Novák & Sadil, 1941: 89 (in key); Holgersen, 1942: 7; Holgersen, 1943b: 172 (in key); Holgersen, 1944: 172; Novák, in Kratochvíl, *et al.* 1944: 112; Ruzsky, 1946: 70; van Boven, 1947: 178 (in key); Rösler, 1950: 225; Consani & Zangheri, 1952: 42; Azuma, 1955: 79; Ceballos, 1956: 306; Bernard, 1956a: 161; Collingwood, 1962: 218; Bernard, 1967: 200 (redescription); Kutter, 1968a: 60; Collingwood & Yarrow, 1969: 69; Baroni Urbani, 1971c: 97; Collingwood, 1971: 160; Banert & Pisarski, 1972: 351; Bolton & Collingwood, 1975: 4 (in key); Pisarski, 1975: 22; Tarbinsky, 1976: 86 (redescription); van Boven, 1977: 99; Kutter, 1977c: 128; Arnol'di & Dlussky, 1978: 543 (in key); Collingwood, 1978: 83 (in key); Collingwood, 1979: 70; Onoyama, 1980: 197; Collingwood, 1981: 27; Kupyanskaya, 1986b: 96; Agosti & Collingwood, 1987a: 55; Agosti & Collingwood, 1987b: 273 (in key); Nilsson & Douwes, 1987: 60; Kupyanskaya, 1990: 137; Ogata, 1991b: 96; Atanassov & Dlussky, 1992: 130; Morisita, *et al.* 1992: 28; Arakelian, 1994: 54; Radchenko, 1994b: 111 (in key); Radchenko, 1994d: 146 (in key); Bolton, 1995b: 235; Douwes, 1995: 89; Radchenko, 1995a: 23; Poldi, *et al.* 1995: 4; Espadaler, 1997b:

30; Collingwood & Prince, 1998: 16 (in key); Gallé, *et al.* 1998: 215; Terayama & Onoyama, 1999: 75 (redescription); Czechowski, *et al.* 2002: 41; Markó & Csösz, 2002: 114; Bolton, 2003: 270; Imai, *et al.* 2003: 157; Karaman, M.G. & Karaman, 2003: 42; Lyu & Cho, 2003b: 270; Radchenko, 2004: 130; Radchenko, 2005b: 135; Karaman, G.S. & Karaman, 2005: 54; Bračko, 2006: 136; Markó, Sipos, *et al.* 2006: 69; Petrov, 2006: 95 (in key); Schultz, R. *et al.* 2006: 206; Bračko, 2007: 17; Seifert, 2007: 223; Werner & Wiezik, 2007: 140; Zryannin & Zryannina, 2007: 231; Gratiashvili & Barjadze, 2008: 138; Paknia, *et al.* 2008: 154; Casevitz-Weulersse & Galkowski, 2009: 488; Lapeva-Gjonova, *et al.* 2010: 20; Boer, 2010: 49; Csösz, *et al.* 2011: 57; Karaman, M.G. 2011b: 27; Legakis, 2011: 16; Zhou, Peng, *et al.* 2011: 594; Borowiec, L. & Salata, 2012: 510; Czechowski, *et al.* 2012: 129; Guénard & Dunn, 2012: 44; Kiran & Karaman, 2012: 19; Borowiec, L. 2014: 99; Lebas, *et al.* 2016: 284; Radchenko, 2016: 209; Salata & Borowiec, 2018c: 46; Seifert, 2018: 190.

Senior synonym of *kamtshaticus*: Kupyanskaya, 1986b: 96; Bolton, 1995b: 235; Radchenko, 1995a: 23; Terayama & Onoyama, 1999: 75; Lyu & Cho, 2003b: 270; Radchenko, 2004: 130; Radchenko, 2005b: 135; Radchenko, 2016: 209.

Senior synonym of *lacteipennis*: Nylander, 1846a: 936; Foerster, 1850a: 61; Curtis, 1854: 215; Smith, F. 1855a: 125; Nylander, 1856b: 89; Smith, F. 1858b: 118; Roger, 1863b: 26; Forel, 1874: 102 (in list); Emery & Forel, 1879: 458; Dalla Torre, 1893: 122; Ruzsky, 1905b: 609; Donisthorpe, 1915d: 147; Emery, 1924d: 261; Donisthorpe, 1927b: 164; Karavaiev, 1934: 142; Bolton, 1995b: 235; Terayama & Onoyama, 1999: 75; Lyu & Cho, 2003b: 270; Radchenko, 2016: 209.

Senior synonym of *nigrescens*: Collingwood, 1971: 160; Radchenko, 1995a: 23; Czechowski, *et al.* 2002: 41; Radchenko, 2004: 130; Radchenko, 2005b: 135; Czechowski, *et al.* 2012: 130; Radchenko, 2016: 209.

Senior synonym of *orientalis*: Kupyanskaya, 1990: 137; Bolton, 1995b: 235; Radchenko, 1995a: 23; Terayama & Onoyama, 1999: 75; Lyu & Cho, 2003b: 270; Radchenko, 2004: 130; Radchenko, 2005b: 135; Radchenko, 2016: 209.

Senior synonym of *superus*: Radchenko, 1995a: 23; Radchenko, 2016: 209.

Senior synoym of *vandeli*: Casevitz-Weulersse & Galkowski, 2009: 488.

Material of the *nomen nudum* *melanocephala* referred here by Mayr, 1855: 411; Bolton, 1995b: 235.

aculeatinodis Emery, 1896; see under ***NESOMYRMEX***.

acutinodis Arnol'di, 1977; see under ***TEMNOTHORAX***.

adustus Mackay, 2000; see under ***TEMNOTHORAX***.

aeolius Forel, 1911; see under ***TEMNOTHORAX***.

affinis Mayr, 1855; see under ***TEMNOTHORAX***.

affinis Mann, 1920; see under ***TEMNOTHORAX***.

affinonigriceps. *Leptothorax tuberum* var. *affinonigriceps* Forel, 1874: 86. *Nomen nudum*.

affinotuberum. *Leptothorax tuberum* var. *affinotuberum* Forel, 1874: 88. *Nomen nudum*.

alaicus Tarbinsky, 1976; see under ***TEMNOTHORAX***.

alayoi Baroni Urbani, 1978; see under ***TEMNOTHORAX***.

alayorum Fontenla Rizo, 1993; see under ***TEMNOTHORAX***.

algiricus Forel, 1894; see under ***TEMNOTHORAX***.

alinae Radchenko, 1994; see under ***TEMNOTHORAX***.

alpinus Ruzsky, 1902; see under ***TEMNOTHORAX***.

ambiguus Emery, 1895; see under **TEMNOTHORAX**.
amilcaris Santschi, 1939; see under **TEMNOTHORAX**.
anacanthus Santschi, 1912; see under **TEMNOTHORAX**.
andersoni Mackay, 2000; see under **TEMNOTHORAX**.
andrei Emery, 1895; see under **TEMNOTHORAX**.
anduzei Weber, 1943; see under **NESOMYRMEX**.
anemicus Baroni Urbani, 1978; see under **TEMNOTHORAX**.
angulatus Mayr, 1862; see under **NESOMYRMEX**.
angustinode Stitz, 1917; see under **TEMNOTHORAX**.
angustinodus Cole, 1956; see under **TEMNOTHORAX**.
anira Terayama & Onoyama, 1999; see under **TEMNOTHORAX**.
annectens Wheeler, W.M. 1903; see under **TEMNOTHORAX**.
annectens Wheeler, W.M. 1931; see under **TEMNOTHORAX**.
annexus Baroni Urbani, 1978; see under **TEMNOTHORAX**.
annibalis Santschi, 1909; see under **TEMNOTHORAX**.
anodonta Arnol'di, 1977; see under **TEMNOTHORAX**.
anodontoides Dlussky & Zabelin, 1985; see under **TEMNOTHORAX**.
anoplogynus Emery, 1869; see under **TEMNOTHORAX**.
antera Terayama & Onoyama, 1999; see under **TEMNOTHORAX**.
antigoni Forel, 1911; see under **TEMNOTHORAX**.
antoniae Cagniant, in Cagniant & Espadaler, 1997; see under **TEMNOTHORAX**.
antoniensis Forel, 1912; see under **NESOMYRMEX**.
arcanus Kutter, 1973; see under **TEMNOTHORAX**.
archangelskiji Kuznetsov-Ugamsky, 1926; see under **TEMNOTHORAX**.
arenarius Santschi, 1908; see under **TEMNOTHORAX**.
argentinus Santschi, 1922; see under **NESOMYRMEX**.
argentipes Wheeler, W.M. 1928; see under **TEMNOTHORAX**.
arimensis Azuma, 1953: 3; see under **TEMNOTHORAX**.
armouri Wheeler, W.M. 1927; see under **TEMNOTHORAX**.
arpini Tarbinsky, 1976; see under **TEMNOTHORAX**.
asper Mayr, 1887; see under **NESOMYRMEX**.
athabasca. *Leptothorax athabasca* Buschinger & Schulz, 2008: 244, figs. 1-8 (w.q.m.) CANADA (Alberta).
atlantis Santschi, 1911; see under **TEMNOTHORAX**.
atomus. *Leptothorax tuberum* r. *tebessae* var. *atomus* Forel, 1905b: 173 (w.) TUNISIA; unavailable (infrasubspecific) name.
As unavailable (infrasubspecific) name: Emery, 1924d: 255.
Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 236.
atomus Cagniant & Espadaler, 1997; see under **TEMNOTHORAX**.
augusti Baroni Urbani, 1978b; see under **TEMNOTHORAX**.
auresonianus Santschi, 1929; see under **TEMNOTHORAX**.
australis Wheeler, W.M. 1934; see under **VOMBISIDRIS**.
aveli Bondroit, 1918; see under **TEMNOTHORAX**.
baborensis. *Leptothorax spinosus* var. *baborensis* Cagniant, 1970b: 207 (w.) ALGERIA; unavailable name.
[Unavailable name (variety proposed after 1960): Bolton, 1995b: 236.]

- babuganicus* Arnol'di, 1977; see under **TEMNOTHORAX**.
- baeticus* Emery, 1924; see under **TEMNOTHORAX**.
- balcanica* Santschi, 1909; see under **TEMNOTHORAX**.
- balchashensis* Arnol'di, 1971; see under **TEMNOTHORAX**.
- balli* Santschi, 1939; see under **TEMNOTHORAX**.
- banao* Fontenla Rizo, 1997; see under **TEMNOTHORAX**.
- barbarus* Santschi, 1939; see under **TEMNOTHORAX**.
- barryi* Cagniant, 1967; see under **TEMNOTHORAX**.
- basara* Terayama & Onoyama, 1999; see under **TEMNOTHORAX**.
- berlandi* Bondroit, 1918; see under **TEMNOTHORAX**.
- bestelmeyeri* Mackay, 2000; see under **TEMNOTHORAX**.
- betulae*. *Leptothorax muscorum* var. *betulae* Ruzsky, 1916: 6 (w.) RUSSIA.
Subspecies of *muscorum*: Ruzsky, 1936: 94; Bolton, 1995b: 236.
Junior synonym of *muscorum*: Radchenko, 1995a: 25; Radchenko, 2016: 210.
- bicolor* Mackay, 2000; see under **TEMNOTHORAX**.
- bikara* Terayama & Onoyama, 1999; see under **TEMNOTHORAX**.
- bilongrudi* Taylor, 1989; see under **VOMBISIDRIS**.
- blascoi* Espadaler, 1997; see under **TEMNOTHORAX**.
- boccaris* Santschi, 1923; see under **TEMNOTHORAX**.
- boiteli* Santschi, 1929; see under **TEMNOTHORAX**.
- bordagei* Bondroit, 1918; see under **TEMNOTHORAX**.
- borgmeieri* Wheeler, W.M. 1931; see under **NESOMYRMEX**.
- bradleyi* Wheeler, W.M. 1913; see under **TEMNOTHORAX**.
- brasiliensis* Kempf, 1958; see under **NESOMYRMEX**.
- brauneri* Ruzsky, 1905; see under **TEMNOTHORAX**.
- brauneri* Karavaiev, 1937; see under **TEMNOTHORAX**.
- brauniella* Radchenko, 1995; see under *brauneri* Karavaiev, 1937.
- brevispinosus* Mackay, 2000; see under **TEMNOTHORAX**.
- brevispinus* Chang & He, 2001; see under **TEMNOTHORAX**.
- brimodus* Bolton, 1995; see under **NESOMYRMEX**.
- bristoli* Mackay, 2000; see under **TEMNOTHORAX**.
- brunea* Santschi, 1918; see under **TEMNOTHORAX**.
- brunnescens* Wheeler, W.M. 1917; see under **TEMNOTHORAX**.
- bucheti* Santschi, 1909; see under **TEMNOTHORAX**.
- bugnioni* Forel, 1894; see under **TEMNOTHORAX**.
- bulgaricus* Forel, 1892; see under **TEMNOTHORAX**.
- buschingeri**. *Leptothorax buschingeri* Kutter, 1967b: 88, figs. 14, 15 (m.) SWITZERLAND.
Combination in *Temnothorax*: Borowiec, L. 2014: 174 (error).
- Status as species:** Kutter, 1968a: 49; Kutter, 1968b: 204; Kutter, 1977c: 128; Bolton, 1995b: 237; Bolton, 2003: 270.
- cabrerae* Forel, 1893; see under **TEMNOTHORAX**.
- caesari* Espadaler, 1997; see under **TEMNOTHORAX**.
- cagnianti* Tinaut, 1983; see under **TEMNOTHORAX**.
- calderoni**. *Leptothorax (Mycothorax) canadensis* ssp. *calderoni* Creighton, 1950a: 276.

[First available use of *Leptothorax (Mycothorax) acervorum* r. *canadensis* var. *calderoni* Forel, 1914c: 617 (w.q.) U.S.A. (California); unavailable (infrasubspecific) name (Bolton, 1995b: 237).]

Combination in *L. (Mycothorax)*: Wheeler, W.M. 1917a: 513.

As unavailable (infrasubspecific) name: Wheeler, W.M. 1917a: 513; Emery, 1924d: 261; Smith, M.R. 1951a: 820.

Synonym of *septentrionalis*: Creighton, 1950a: 276.

[Note: Creighton, 1950a: 276, gives *calderoni* as senior synonym, but *septentrionalis* has priority.]

Junior synonym of *muscorum*: Brown, 1955a: 47; Smith, M.R. 1958c: 134; Smith, D.R. 1979: 1396.

Status as species: Ward, 2005: 13.

canadensis. *Leptothorax canadensis* Provancher, 1887: 245 (w.q.m.) CANADA (Ontario).

Wheeler, G.C. & Wheeler, J. 1955b: 21 (l.).

Combination in *L. (Mycothorax)*: Ruzsky, 1904a: 288; Emery, 1924d: 261;

combination in *L. (Leptothorax)*: Wheeler, G.C. & Wheeler, J. 1955b: 21.

Subspecies of acervorum: André, 1887: 295; Dalla Torre, 1893: 123; Wheeler, W.M. 1903c: 225; Wheeler, W.M. 1906b: 8; Wheeler, W.M. 1908f: 621; Wheeler, W.M. 1910g: 566; Forel, 1914c: 617; Wheeler, W.M. 1916m: 588; Wheeler, W.M. 1917a: 511; Wheeler, W.M. 1917e: 18; Emery, 1924d: 261; Cole, 1936a: 36; Wing, 1939: 162; Cole, 1942: 369; Wheeler, G.C. & Wheeler, E.W. 1944: 247; Buren, 1944a: 288; Smith, M.R. 1951a: 820.

Junior synonym of *muscorum*: Brown, 1955a: 47; Smith, M.R. 1958c: 134; Francoeur & Béique, 1966: 142; Smith, D.R. 1979: 1397; Mackay, Lowrie, *et al.* 1988: 90; Bolton, 1995b: 237; Mackay, 2000: 403; Coovert, 2005: 79; Radchenko, 2016: 210.

Status as species: Emery, 1895c: 318; Wheeler, W.M. in Viereck, 1903: 73; Creighton, 1950a: 274; Cole, 1953d: 27; Cole, 1954d: 240; Schär, Talavera, *et al.* 2018: 6.

Senior synonym of kincaidi: Schär, Talavera, *et al.* 2018: 6.

Senior synonym of obscurus: Schär, Talavera, *et al.* 2018: 6.

Senior synonym of septentrionalis: Schär, Talavera, *et al.* 2018: 6.

Senior synonym of sordidus: Schär, Talavera, *et al.* 2018: 6.

Senior synonym of yankee: Schär, Talavera, *et al.* 2018: 6.

Material of the unavailable name *convivialis* referred here by Creighton, 1950a: 276; Smith, M.R. 1958c: 134; Schär, Talavera, *et al.* 2018: 6 (by implication).

canescens Santschi, 1908; see under **TEMNOTHORAX**.

caparica Henin, Paiva & Collingwood, 2001; see under **CARDIOCONDYLA**.

carinatus Cole, 1957; see under **TEMNOTHORAX**.

carinthiacus Bernard, 1957; see under **TEMNOTHORAX**.

caritatis* De Andrade, in De Andrade, *et al.* 1999; see under **NESOMYRMEX.

catalaucoides Snelling, R.R. 1992; see under **NESOMYRMEX**.

caucasicus Arnol'di, 1977; see under **TEMNOTHORAX**.

cenatus Bolton, 1982; see under **TEMNOTHORAX**.

cervantesi Santschi, 1919; see under **TEMNOTHORAX**.

chandleri Mackay, 2000; see under **TEMNOTHORAX**.

chobauti Santschi, 1923; see under **TEMNOTHORAX**.

ciscaucasicus Arnol'di, 1977; see under **TEMNOTHORAX**.

clivulus Santschi, 1939; see under **TEMNOTHORAX**.

cockerelli Wheeler, W.M. 1917; see under **TEMNOTHORAX**.

- cokendolpheri* Mackay, 2000; see under **TEMNOTHORAX**.
- coleenae* Mackay, 2000; see under **TEMNOTHORAX**.
- colettae* Santschi, 1915; see under **TEMNOTHORAX**.
- colorata*. *Leptothorax rottenbergi* st. *annibalis* var. *colorata* Santschi, 1909b: 477 (w.)
TUNISIA; unavailable (infrasubspecific) name.
As unavailable (infrasubspecific) name: Emery, 1924a: 8; Emery, 1924d: 252; Menozzi, 1934: 162; Finzi, 1940: 161.
Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 237.
- concolor* Santschi, 1914; see under **NESOMYRMEX**.
- congruus* Smith, F. 1874; see under **TEMNOTHORAX**.
- convexotrabutii*. *Leptothorax angustulus* r. *trabutii* Forel, 1894d: 38 (w.)
ALGERIA; unavailable (infrasubspecific) name.
Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 237.
- convexus* Forel, 1894; see under **TEMNOTHORAX**.
- convivialis*. *Leptothorax acervorum* subsp. *canadensis* var. *convivialis* Wheeler, W.M. 1903c: 228 (w.q.) U.S.A. (Wisconsin, Connecticut, New Mexico); unavailable (infrasubspecific) name.
Combination in *L. (Mychothorax)*: Wheeler, W.M. 1917a: 512.
As unavailable (infrasubspecific) name: Wheeler, W.M. 1917a: 512; Emery, 1924d: 261; Weber, 1943c: 343 (in list); Smith, M.R. 1951a: 821; Smith, D.R. 1979: 1396.
Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 237.
Material referred to *muscorum* by Smith, D.R. 1979: 1396; Coover, 2005: 79.
Material referred to *canadensis* by Creighton, 1950a: 276; Smith, M.R. 1958c: 134; Schär, Talavera, et al. 2018: 6 (by implication).
- cordieri* Bondroit, 1918; see under **TEMNOTHORAX**.
- cordincola* Wheeler, W.M. 1942; see under **NESOMYRMEX**.
- cornibrevis* Collingwood, 1961; see under **TEMNOTHORAX**.
- corticalonylanderi*. *Leptothorax tuberum* r. *exilis* var. *corticalonylanderi* Emery & Forel, 1879: 495 (attributed to Forel, 1874 (no page indicated, not found)). *Nomen nudum*.
[*Leptothorax tuberum* var. *corticalonylanderi* André, 1883a: 300. *Nomen nudum*.]
- costatus* Emery, 1896; see under **NESOMYRMEX**.
- crassipilis*. *Leptothorax (Mychothorax) acervorum* subsp. *crassipilis* Wheeler, W.M. 1917a: 513 (w.q.m.) U.S.A. (Colorado).
Subspecies of acervorum: Emery, 1924d: 261; Smith, M.R. 1951a: 821.
Subspecies of canadensis: Cole, 1954d: 241.
Status as species: Creighton, 1950a: 278; Cole, 1953d: 27; Smith, M.R. 1958c: 133; Smith, M.R. 1967: 359; Hunt & Snelling, 1975: 22; Wheeler, G.C. & Wheeler, J. 1978: 391; Smith, D.R. 1979: 1396; Allred, 1982: 483; Wheeler, G.C. & Wheeler, J. 1986g: 52; Mackay, Lowrie, et al. 1988: 90; Loiselle, et al. 1990: 329; Bolton, 1995b: 237; Mackay & Mackay, 2002: 121; Bolton, 2003: 270.
- crassispina*. *Leptothorax flavispinus* st. *santschii* var. *crassispina* Santschi, 1911a: 11, fig. 2 (w.)
TUNISIA; unavailable (infrasubspecific) name.
Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 237.
- crassispina* Karavaiev, 1926; see under **TEMNOTHORAX**.
- creolus* Baroni Urbani, 1978; see under **TEMNOTHORAX**.
- crepuscularis* Tinaut, 1994; see under **TEMNOTHORAX**.

- creticus* Forel, 1910; see under **TEMNOTHORAX**.
cristinae Espadaler, 1997; see under **TEMNOTHORAX**.
csikii Pisarski, 1969; see under **TEMNOTHORAX**.
curtulus Santschi, 1929; see under **TEMNOTHORAX**.
curvispinosus Mayr, 1866; see under **TEMNOTHORAX**.
curvispinosus André, 1881; see under **TEMNOTHORAX**.
curvithorax Bondroit, 1918; see under **TEMNOTHORAX**.
cuyagueteje Fontenla Rizo, 1997; see under **TEMNOTHORAX**.
cypridis Santschi, 1930; see under **TEMNOTHORAX**.
dagmarae Sadil, 1939; see under **TEMNOTHORAX**.
dakotensis Wheeler, G.C. & Wheeler, E.W. 1944; see under **TEMNOTHORAX**.
dalmasi Forel, 1899; see under **NESOMYRMEX**.
darii Forel, 1911; see under **TEMNOTHORAX**.
davisi Wheeler, W.M. 1905; see under **TEMNOTHORAX**.
delaparti Forel, 1890; see under **TEMNOTHORAX**.
denticulatus Mayr, 1901; see under **NESOMYRMEX**.
denticulatus Stitz, 1917; see under **TEMNOTHORAX**.
desertorum. *Leptothorax desertorum* Dlussky, 1981a: 17. *Nomen nudum*.
[Note: later described as *Temnothorax desertorum* Dlussky & Soyunov, 1988: 35.]
desioi Menozzi, 1939; see under **TEMNOTHORAX**.
dessyi Menozzi, 1936; see under **TEMNOTHORAX**.
dichroa Emery, 1916; see under **TEMNOTHORAX**.
discoloratus Arnol'di, 1977; see under **TEMNOTHORAX**.
distincta Crawley, 1922; see under **NESOMYRMEX**.
ditifet Espadaler, in Cagniant & Espadaler, 1997; see under **TEMNOTHORAX**.
diversipilosus Smith, M.R. 1939; see under **FORMICOXENUS**.
dolani. *Leptothorax dolani* Menozzi, in Eidmann, 1941: 30. *Nomen nudum*.
dominicanus* De Andrade, in De Andrade, *et al.* 1999; see under **NESOMYRMEX.
duloticus Wesson, L.G. 1937; see under **TEMNOTHORAX**.
eburneipes Wheeler, W.M. 1927; see under **TEMNOTHORAX**.
echinatinodis Forel, 1886; see under **NESOMYRMEX**.
elderensis Dlussky & Zabelin, 1985; see under **TEMNOTHORAX**.
eldoradensis Wheeler, W.M. 1915; see under **TEMNOTHORAX**.
elongatus Santschi, 1919; see under **TEMNOTHORAX**.
emersoni Wheeler, W.M. 1901; see under **FORMICOXENUS**.
emeryi Santschi, 1923; see under **TEMNOTHORAX**.
emmae Mackay, 2000; see under **TEMNOTHORAX**.
ergatogyna Bernard, 1950; see under **TEMNOTHORAX**.
ernesti Santschi, 1909; see under **TEMNOTHORAX**.
esmirensis Santschi, 1936 (unavailable name); see under **TEMNOTHORAX**.
euxanthus. *Leptothorax nylanderi* form *euxanthus* Plateaux, 1981: 64; unavailable name.
[Unavailable name ("form" proposed after 1960): Bolton, 1995b: 238.]
evelynae Forel, 1916; see under **NESOMYRMEX**.
exilis Emery, 1869; see under **TEMNOTHORAX**.
faberi. *Leptothorax faberi* Buschinger, 1983: 198, figs. 1-5 (w.q.m.k.) CANADA (Alberta).
Status as species: Loiselle, *et al.* 1990: 329; Bolton, 1995b: 238; Bolton, 2003: 270.
facetus Santschi, 1939; see under **TEMNOTHORAX**.

fagi. *Leptothorax (Mycothorax) muscorum* var. *fagi* Ruzsky, 1905b: 619, fig. 151 (w.) RUSSIA.

Subspecies of *muscorum*: Emery, 1924d: 262; Bolton, 1995b: 238.

Junior synonym of *muscorum*: Radchenko, 1995a: 25; Radchenko, 2016: 210.

festai Emery, 1924; see under **TEMNOTHORAX**.

finzii Menozzi, 1925; see under **TEMNOTHORAX**.

firssovi Kuznetsov-Ugamsky, 1928; see under **TEMNOTHORAX**.

flavescens. *Leptothorax muscorum* var. *flavescens* Ruzsky, 1896: 72.

[First available use of *Leptothorax acervorum* subsp. *muscorum* var. *flavescens* Ruzsky, 1895: 26 (w.) RUSSIA; unavailable (infrasubspecific) name.]

Subspecies of *muscorum*: Ruzsky, 1905b: 621; Emery, 1924d: 262; Ruzsky, 1925a: 289; Ruzsky, 1946: 70; Arnol'di & Dlussky, 1978: 543 (in key); Bolton, 1995b: 238.

Junior synonym of *muscorum*: Radchenko, 1995a: 25; Radchenko, 2016: 210.

flavicornis Emery, 1870; see under **TEMNOTHORAX**.

flavispinus André, 1883; see under **TEMNOTHORAX**.

flavus Smith, M.R. 1929; see under **TEMNOTHORAX**.

floridanus Emery, 1895; see under **TEMNOTHORAX**.

foreli Santschi, 1907; see under **TEMNOTHORAX**.

formidolosus Wheeler, W.M. 1915; see under **FORMICOXENUS**.

formosus Santschi, 1909; see under **TEMNOTHORAX**.

formosus Emery, 1915; see under **NESOMYRMEX**.

fortinodis Mayr, 1886; see under **TEMNOTHORAX**.

foveata Smith, M.R. 1934; see under **TEMNOTHORAX**

fragosus Mackay & Buschinger, 2002; see under **TEMNOTHORAX**.

friessovi, misspelling, see under *firssovi*.

fuentei Santschi, 1919; see under **TEMNOTHORAX**.

fultonii Forel, 1902; see under **TEMNOTHORAX**.

fumosus Ruzsky, 1923; see under **TEMNOTHORAX**.

furunculus Wheeler, W.M. 1909; see under **TEMNOTHORAX**.

fusciventris Santschi, 1911; see under **TEMNOTHORAX**.

gaetulus Santschi, 1923; see under **TEMNOTHORAX**.

galatica Santschi, 1921; see under **TEMNOTHORAX**.

galeatus Wheeler, W.M. 1927; see under **TEMNOTHORAX**.

gallae Smith, M.R. 1949; see under **TEMNOTHORAX**.

gapsensis Santschi, 1929; see under **TEMNOTHORAX**.

gazella Santschi, 1923; see under **TEMNOTHORAX**.

gentilis Santschi, 1923; see under **TEMNOTHORAX**.

genualia Santschi, 1922; see under **NESOMYRMEX**.

gibbifer Baroni Urbani, 1978; see under **TEMNOTHORAX**.

gilvus Wheeler, W.M. 1903; see under **TEMNOTHORAX**.

glaber Santschi, 1925; see under **TEMNOTHORAX**.

glacialis Wheeler, W.M. 1907; see under **FORMICOXENUS**.

glaesarius* Wheeler, W.M. 1915; see under **TEMNOTHORAX.

globulinodis Santschi, 1909; see under **TEMNOTHORAX**.

goesswaldi. *Leptothorax goesswaldi* Kutter, 1967b: 82, figs. 3-8, 10 (q.) SWITZERLAND.

Kutter, 1977c: 129 (m.).

Combination in *Doronomyrmex*: Buschinger, 1981: 215; combination in *Leptothorax*: Heinze, 1998: 195 (combination implied but not stated); Bolton, 2003: 270.

Status as species: Kutter, 1968a: 49; Kutter, 1968b: 204; Buschinger, 1981: 213; Douwes, 1995: 90; Bolton, 1995b: 177; Bolton, 2003: 270; Casevitz-Weulersse & Galkowski, 2009: 488; Borowiec, L. 2014: 70; Lebas, *et al.* 2016: 286; Seifert, 2018: 195.

goniops Baroni Urbani, 1978; see under **TEMNOTHORAX**.

gracilicornis Emery, 1882; see under **TEMNOTHORAX**.

gracilis* Mayr, 1868; see under **TEMNOTHORAX.

graecus Forel, 1911; see under **TEMNOTHORAX**.

gredleri. *Leptothorax gredleri* Mayr, 1855: 438 (w.q.) AUSTRIA.

[Misspelled as *greedleri* by Soudek, 1922: 50, Novák, in Novák & Sadil, 1941: 90.]

Schenck, 1861: 196 (m.).

Combination in *L. (Mycothorax)*: Forel, 1915d: 26.

As unavailable (infrasubspecific) name: Forel, 1874: 84 (in key), 87 (in list); Emery & Forel, 1879: 458.

Junior synonym of *muscorum*: Roger, 1862c: 296; Roger, 1863b: 26; André, 1874: 203 (in list); Brown, 1955a: 47 (in text).

Subspecies of acervorum: Soudek, 1922: 50.

Subspecies of muscorum: André, 1883a: 295; Dalla Torre, 1893: 125; Forel, 1915d: 26 (in key); Emery, 1916b: 176; Emery, 1924d: 262; Stärcke, 1926: 93 (in key); Stitz, 1939: 163; Novák & Sadil, 1941: 90.

Status as species: Gredler, 1858: 25; Smith, F. 1858b: 118; Mayr, 1861: 58 (in key); Mayr, 1863: 427; Bondroit, 1918: 122; Novák, in Novák & Sadil, 1941: 90 (in key); Buschinger, 1966b: 165; Bernard, 1967: 389 (redescription); Kutter, 1968a: 60; Baroni Urbani, 1971c: 98; Collingwood, 1971: 160; Pisarski, 1975: 24; Kutter, 1977c: 129; Agosti & Collingwood, 1987a: 55; Agosti & Collingwood, 1987b: 273 (in key); Bolton, 1995b: 239; Douwes, 1995: 89; Poldi, *et al.* 1995: 4; Gallé, *et al.* 1998: 215; Csösz, 2001: 103; Czechowski, *et al.* 2002: 43; Bolton, 2003: 270; Karaman, G.S. & Karaman, 2005: 55; Bračko, 2006: 136; Petrov, 2006: 95 (in key); Bračko, 2007: 17; Seifert, 2007: 225; Werner & Wiezik, 2007: 140; Casevitz-Weulersse & Galkowski, 2009: 488; Boer, 2010: 50; Csösz, *et al.* 2011: 57; Legakis, 2011: 16; Karaman, M.G. 2011b: 27; Borowiec, L. & Salata, 2012: 510; Czechowski, *et al.* 2012: 135; Borowiec, L. 2014: 99; Lebas, *et al.* 2016: 284; Radchenko, 2016: 211; Salata & Borowiec, 2018c: 46; Seifert, 2018: 193.

gredosi Espadaler & Collingwood, 1982; see under **TEMNOTHORAX**.

grisoni Forel, 1916; see under **NESOMYRMEX**.

grouvellei Bondroit, 1918; see under **TEMNOTHORAX**.

guanahacabibes Fontenla Rizo, 1995; see under **TEMNOTHORAX**.

guancha Santschi, 1925; see under **TEMNOTHORAX**.

gurnetensis* Cockerell, 1915; see under *LEUCOTAPHUS**.

hadrumetensis Santschi, 1918; see under **TEMNOTHORAX**.

haira Terayama & Onoyama, 1999; see under **TEMNOTHORAX**.

hasardaghi Dlussky & Zabelin, 1985; see under **TEMNOTHORAX**.

heathii Wheeler, W.M. 1903; see under **TEMNOTHORAX**.

- herculea*. *Leptothorax rottenbergi* st. *annibalis* var. *herculea* Santschi, 1922a: 66 (w.)
ALGERIA; unavailable (infrasubspecific) name.
Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 239.
- hengshanensis* Huang, Chen & Zhou, 2004; see under **TEMNOTHORAX**.
- hesperius* Santschi, 1909; see under **TEMNOTHORAX**.
- hirticornis* Emery, 1895; see under **FORMICOXENUS**.
- hirtipilis* Wheeler, W.M. 1917; see under **FORMICOXENUS**.
- hispaniolae* Baroni Urbani, 1978; see under **TEMNOTHORAX**.
- hispidus* Cole, 1957; see under **TEMNOTHORAX**.
- huehuetenangoi* Baroni Urbani, 1978; see under **TEMNOTHORAX**.
- humerosus* Emery, 1896; see under **NESOMYRMEX**.
- hyperisabellae* Baroni Urbani, 1978; see under **TEMNOTHORAX**.
- **hystriculus* Wheeler, W.M. 1915; see under **TEMNOTHORAX**.
- ibericus* Menozzi, 1922; see under **TEMNOTHORAX**.
- ilgii* Forel, 1894; see under **NESOMYRMEX**.
- imias* Fontenla Rizo, 1997; see under **TEMNOTHORAX**.
- impurus* Santschi, 1939; see under **TEMNOTHORAX**.
- indra* Terayama & Onoyama, 1999; see under **TEMNOTHORAX**.
- inermis* Forel, 1902; see under **TEMNOTHORAX**.
- inermis* Santschi, 1909; see under **TEMNOTHORAX**.
- interruptotuberum*. *Leptothorax tuberum* r. *unifasciatus* var. *interruptotuberum* Forel, 1892i:
314. *Nomen nudum*.
ionia. *Leptothorax bulgaricus* subsp. *smyrnensis* var. *ionia* Forel, 1911d: 336 (w.) GREECE;
unavailable (infrasubspecific) name.
As unavailable (infrasubspecific) name: Emery, 1924d: 253.
Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 239.
- iowensis* Buren, 1945; see under **TEMNOTHORAX**.
- iranicus* Radchenko, 1994; see under **TEMNOTHORAX**.
- irregularis*. *Leptothorax rottenbergi* st. *scabiosus* var. *irregularis* Santschi, 1909b: 480 (w.)
ALGERIA; unavailable (infrasubspecific) name.
As unavailable (infrasubspecific) name: Emery, 1924d: 252.
Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 239.
- italicus* Consani, in Consani & Zangheri, 1952; see under **TEMNOTHORAX**.
- itinerans* Kempf, 1959; see under **NESOMYRMEX**.
- ixili* Baroni Urbani, 1978; see under **TEMNOTHORAX**.
- jailensis* Arnol'di, 1977; see under **TEMNOTHORAX**.
- janushevi* Radchenko, 1994; see under **TEMNOTHORAX**.
- jesus* Forel, 1913; see under **TEMNOTHORAX**.
- josephi* Mackay, 2000; see under **TEMNOTHORAX**.
- juglandeti* Arnol'di, in Tarbinsky, 1976; see under **TEMNOTHORAX**.
- junipereti* Arnol'di, 1977; see under **TEMNOTHORAX**.
- kabyla*. *Leptothorax rottenbergi* st. *scabiosus* var. *kabyla* Santschi, 1918a: 33 (w.q.) TUNISIA;
unavailable (infrasubspecific) name.
As unavailable (infrasubspecific) name: Emery, 1924d: 252.
Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 240.

kamtshaticus. *Leptothorax (Mycothorax) acervorum* subsp. *kamtshaticus* Ruzsky, 1920: 77 (w.) RUSSIA (Kamchtaka).

Junior synonym of *acervorum*: Kupyanskaya, 1986b: 96; Bolton, 1995b: 240; Radchenko, 1995a: 23; Terayama & Onoyama, 1999: 75; Lyu & Cho, 2003b: 270; Radchenko, 2004: 130; Radchenko, 2005b: 135; Radchenko, 2016: 209.

kaszabi Pisarski, 1969; see under **TEMNOTHORAX**.

kefensis Santschi, 1929; see under **TEMNOTHORAX**.

kemali Santschi, 1934; see under **TEMNOTHORAX**.

kincaidi. *Leptothorax yankee* var. *kincaidi* Pergande, 1900: 520 (w.q.) U.S.A. (Alaska).

Combination in *L. (Mycothorax)*: Wheeler, W.M. 1917a: 512.

As unavailable (infrasubspecific) name: Wheeler, W.M. 1903c: 228; Wheeler, W.M. 1910g: 566; Wheeler, W.M. 1917a: 512; Wheeler, W.M. 1917e: 18; Emery, 1924d: 261; Smith, M.R. 1951a: 821.

Subspecies of *canadensis*: Creighton, 1950a: 277.

Junior synonym of *muscorum*: Brown, 1955a: 47; Smith, M.R. 1958c: 134; Smith, D.R. 1979: 1396; Bolton, 1995b: 240; Radchenko, 2016: 210.

Junior synonym of *canadensis*: Schär, Talavera, *et al.* 2018: 6.

kinomurai Terayama & Onoyama, 1999; see under **TEMNOTHORAX**.

kirghizicus Tarbinsky, 1976; see under **TEMNOTHORAX**.

kirillovi Ruzsky, 1905; see under **TEMNOTHORAX**.

kiudiria Espadaler, in Cagniant & Espadaler, 1997; see under **TEMNOTHORAX**.

knipovitshi Karavaiev, 1916; see under **TEMNOTHORAX**.

korbi Emery, 1924; see under **TEMNOTHORAX**.

koreanus Teranishi, 1940; see under **TEMNOTHORAX**.

kraussei Krausse, 1912; see under **TEMNOTHORAX**.

kraussei Emery, 1916; see under **TEMNOTHORAX**.

kruegeri Kutter, 1928; see under **TEMNOTHORAX**.

kubira Terayama & Onoyama, 1999; see under **TEMNOTHORAX**.

kurilensis Radchenko, 1994; see under **TEMNOTHORAX**.

kutteri. *Leptothorax (Mycothorax) kutteri* Buschinger, 1966a: 327, figs. 1A, 2A,B, 3B (q.m.) GERMANY.

Combination in *Doronomyrmex*: Buschinger, 1981: 215;

combination in *Leptothorax*: Heinze, 1998: 195 (combination implied but not stated); Bolton, 2003: 270.

Status as species: Kutter, 1967b: 85; Kutter, 1968a: 49; Kutter, 1968b: 204; Kutter, 1977c: 130; Buschinger, 1972: 169; Buschinger, 1981: 213; Nilsson & Douwes, 1987: 60; Bolton, 1995b: 177; Douwes, 1995: 90; Poldi, *et al.* 1995: 5; Czechowski, *et al.* 2002: 57; Bolton, 2003: 270; Seifert, 2007: 227; Casevitz-Weulersse & Galkowski, 2009: 488; Czechowski, *et al.* 2012: 136; Borowiec, L. 2014: 70; Lebas, *et al.* 2016: 286; Seifert, 2018: 195.

laciniatus Stitz, 1917; see under **TEMNOTHORAX**.

lacteipennis. *Myrmica lacteipennis* Zetterstedt, 1838: 452 (m.) SWEDEN.

Junior synonym of *acervorum*: Nylander, 1846a: 936; Foerster, 1850a: 61; Curtis, 1854: 215; Smith, F. 1855a: 125; Nylander, 1856b: 89; Smith, F. 1858b: 118; Roger, 1863b: 26; Forel, 1874: 102 (in list); Emery & Forel, 1879: 458; Dalla Torre, 1893: 122; Ruzsky, 1905b: 609; Donisthorpe, 1915d: 147; Emery, 1924d: 261; Donisthorpe, 1927b: 164;

Karavaiev, 1934: 142; Bolton, 1995b: 240; Terayama & Onoyama, 1999: 75; Lyu & Cho, 2003b: 270; Radchenko, 2016: 209.

laestrygon Santschi, 1931; see under **TEMNOTHORAX**.

laeviceps Buren, 1944; see under **TEMNOTHORAX**.

lagrecai Baroni Urbani, 1964; see under **TEMNOTHORAX**.

latinodis Mayr, 1895; see under **NESOMYRMEX**.

laurae Emery, 1884; see under **TEMNOTHORAX**.

leoni Arnol'di, 1971; see under **TEMNOTHORAX**.

lereddei Bernard, 1953; see under **TEMNOTHORAX**.

leucacanthus Baroni Urbani, 1978; see under **TEMNOTHORAX**.

leviceps Emery, 1898; see under **TEMNOTHORAX**.

lichtensteinii Bondroit, 1918; see under **TEMNOTHORAX**.

liebi Mackay, 2000; see under **TEMNOTHORAX**.

lindae Mackay, 2000; see under **TEMNOTHORAX**.

lindbergi Santschi, 1931; see under **TEMNOTHORAX**.

littoralis. *Leptocephalus rottenbergi* st. *annibalis* var. *littoralis* Santschi, 1918a: 33 (w.) TUNISIA; unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Emery, 1924d: 252.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 240.

liviae Agosti & Collingwood, 2011; see under **TEMNOTHORAX**.

longaevis* Wheeler, W.M. 1915; see under **TEMNOTHORAX.

longipilosus Santschi, 1912; see under **TEMNOTHORAX**.

longipilosus Tarbinsky, 1976; see under **CHALEPOXENUS**.

longispinosus Roger, 1863; see under **TEMNOTHORAX**.

luteointerruptus. *Leptocephalus tuberum* r. *luteointerruptus* Forel, 1886e: clxviii. *Nomen nudum*.

luteus Forel, 1874; see under **TEMNOTHORAX**.

lybica Menozzi, 1934; see under **NESOMYRMEX**.

madecassus Forel, 1892; see under **NESOMYRMEX**.

major Forel, 1899; see under **NESOMYRMEX**.

makora Terayama & Onoyama, 1999; see under **TEMNOTHORAX**.

manni Wheeler, W.M. 1914; see under **TEMNOTHORAX**.

manni Wesson, L.G. 1935; see under **TEMNOTHORAX**.

mariposa Wheeler, W.M. 1917; see under **TEMNOTHORAX**.

marocana Santschi, 1909; see under **TEMNOTHORAX**.

martellii. *Leptocephalus bignoni* subsp. *pupseli* var. *martellii* Menozzi, 1940: 269 (w.q.) LIBYA; unavailable (infrasubspecific) name.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 241.

mariyanae Mackay, 2000; see under **TEMNOTHORAX**.

massiliensis Bondroit, 1918; see under **TEMNOTHORAX**.

mauritanicus Santschi, 1909; see under **TEMNOTHORAX**.

maurus Santschi, 1921; see under **TEMNOTHORAX**.

maximus Santschi, 1931; see under **TEMNOTHORAX**.

mediorufus Wheeler, W.M. 1917; see under **TEMNOTHORAX**.

megalops Hamann & Klemm, 1967; see under **TEMNOTHORAX**.

melanderi Wheeler, W.M. 1909; see under **TEMNOTHORAX**.

melanica Menozzi, 1939; see under **TEMNOTHORAX**.

melanocephala. *Myrmica melanocephala* Mayr, 1855: 411 (footnote). *Nomen nudum* (attributed to Koch).

Material referred to *acervorum* by Mayr, 1855: 411 (footnote).

melanocephalus Emery, 1870; see under **TEMNOTHORAX**.

melanoticus Wheeler, W.M. 1903; see under **TEMNOTHORAX**.

melas Espadaler, Plateaux & Casevitz-Weulersse, 1984; see under **TEMNOTHORAX**.

melleus Forel, 1904; see under **TEMNOTHORAX**.

melinus Mackay, 2000; see under **TEMNOTHORAX**.

melnikovi Ruzsky, 1905; see under **TEMNOTHORAX**.

mexicanus Mackay, 2000; see under **TEMNOTHORAX**.

mimeuri Cagniant, in Cagniant & Espadaler, 1997; see under **TEMNOTHORAX**.

minozzii Santschi, 1922; see under **TEMNOTHORAX**.

minutissimus Smith, M.R. 1942; see under **TEMNOTHORAX**.

mirabilis Espadaler & Cagniant, 1996; see under **TEMNOTHORAX**.

mirassolis Diniz, 1975; see under **NESOMYRMEX**.

miserabilis Santschi, 1918; see under **TEMNOTHORAX**.

mixtus Santschi, 1929; see under **TEMNOTHORAX**.

mongolicus Pisarski, 1969; see under **TEMNOTHORAX**.

monjauzei Cagniant, 1968; see under **TEMNOTHORAX**.

monticola Santschi, 1923; see under **TEMNOTHORAX**.

mordax Santschi, 1919; see under **TEMNOTHORAX**.

mulleri Santschi, 1926; see under **TEMNOTHORAX**.

muellerianus Finzi, 1922; see under **TEMNOTHORAX**.

muscorum. *Myrmica muscorum* Nylander, 1846b: 1054 (w.q.m.) FINLAND.

Combination in *Leptothorax*: Mayr, 1855: 439;

combination in *L. (Mychothorax)*: Ruzsky, 1904a: 288; Bondroit, 1920b: 303;

combination in *Mychothorax*: Bondroit, 1920a: 153.

Subspecies of acervorum: Forel, 1874: 84 (in key); Emery & Forel, 1879: 458; Ruzsky, 1896: 72; Escherich, 1917: 328 (in key); Soudek, 1922: 50; Gösswald, 1932: 87.

Status as species: Foerster, 1850a: 59; Mayr, 1855: 439 (redescription); Nylander, 1856b: 90; Gredler, 1858: 25; Smith, F. 1858b: 118; Mayr, 1861: 58 (in key); Roger, 1863b: 26; Mayr, 1863: 427; Dours, 1873: 168; André, 1874: 189 (in key); André, 1883a: 294 (in key); Nasonov, 1889: 31; Dalla Torre, 1893: 125; Emery, 1895c: 318; Wheeler, W.M. 1901b: 519; Ruzsky, 1902d: 21; Ruzsky, 1903c: 207; Ruzsky, 1905b: 616; Wasmann, 1906: 119 (in key); Bondroit, 1910: 497; Karavaiev, 1912b: 582; Stitz, 1914: 62; Forel, 1915d: 26 (in key); Emery, 1916b: 176; Karavaiev, 1916: 503; Ruzsky, 1916: 6; Wheeler, W.M. 1917a: 511; Bondroit, 1918: 121; Bondroit, 1920a: 153; Ruzsky, 1920: 77; Müller, 1923b: 88 (in key); Emery, 1924d: 262; Menozzi, 1925d: 33; Ruzsky, 1925b: 45; Stärcke, 1926: 93 (in key); Lomnicki, 1928: 5; Karavaiev, 1931c: 107; Karavaiev, 1931e: 212; Arnol'di, 1933b: 598 (in key); Karavaiev, 1934: 145 (redescription); Grandi, 1935: 101; Ruzsky, 1936: 94; Novák, in Novák & Sadil, 1941: 89 (in key); Holgersen, 1943b: 172 (in key); Holgersen, 1944: 172; Novák, in Kratochvíl, *et al.* 1944: 112; Ruzsky, 1946: 70; van Boven, 1947: 178 (in key); Röszler, 1950: 225; Brown, 1955a: 47; Bernard, 1956a: 161; Smith, M.R. 1958c: 134; Buschinger, 1966b: 165; Francoeur & Béique, 1966: 142; Beck, *et al.* 1967: 71; Bernard, 1967: 200 (redescription); Smith, M.R. 1967: 360; Kutter, 1968a: 60; Collingwood & Yarrow, 1969: 69; Pisarski, 1969a:

229; Pisarski, 1969b: 297; Dlussky & Pisarski, 1970: 86; Baroni Urbani, 1971c: 99; Collingwood, 1971: 160; Banert & Pisarski, 1972: 351; Hunt & Snelling, 1975: 22; Pisarski, 1975: 23; Aktaç, 1977: 122; van Boven, 1977: 101; Francoeur, 1977b: 207; Kutter, 1977c: 130; Yensen, *et al.* 1977: 183; Collingwood, 1978: 83 (in key); Arnol'di & Dlussky, 1978: 543 (in key); Wheeler, G.C. & Wheeler, J. 1978: 391; Collingwood, 1979: 72; Smith, D.R. 1979: 1397; Pisarski & Krzysztofiak, 1981: 157; Espadaler & Collingwood, 1982: 41; Allred, 1982: 484; Kupyanskaya, 1986b: 96; Wheeler, G.C. & Wheeler, J. 1986g: 53; Agosti & Collingwood, 1987a: 55; Agosti & Collingwood, 1987b: 273 (in key); Nilsson & Douwes, 1987: 60; Mackay, Lowrie, *et al.* 1988: 90; Loiselle, *et al.* 1990: 323; Kupyanskaya, 1990: 139; Atanassov & Dlussky, 1992: 132; Blacker, 1992: 7; Arakelian, 1994: 55; Radchenko, 1994b: 111 (in key); Radchenko, 1994d: 147 (in key); Wheeler, G.C., *et al.* 1994: 303; Bolton, 1995b: 241; Douwes, 1995: 89; Poldi, *et al.* 1995: 4; Radchenko, 1995a: 25; Gallé, *et al.* 1998: 215; Czechowski, *et al.* 2002: 42; Mackay & Mackay, 2002: 129; Bolton, 2003: 270; Radchenko, 2004: 130; Coovert, 2005: 79; Bračko, 2006: 136; Markó, Sipos, *et al.* 2006: 69; Petrov, 2006: 95 (in key); Bračko, 2007: 17; Seifert, 2007: 225; Radchenko, 2007: 31; Werner & Wiezik, 2007: 140; Zryanin & Zryanina, 2007: 231; Gratiashvili & Barjadze, 2008: 139; Casevitz-Weulersse & Galkowski, 2009: 488; Lapeva-Gjonova, *et al.* 2010: 20; Boer, 2010: 50; Csösz, *et al.* 2011: 57; Legakis, 2011: 16; Karaman, M.G. 2011b: 27; Borowiec, L. & Salata, 2012: 510; Czechowski, *et al.* 2012: 132; Guénard & Dunn, 2012: 44; Kiran & Karaman, 2012: 19; Borowiec, L. 2014: 99; Lebas, *et al.* 2016: 284; Radchenko, 2016: 210; Salata & Borowiec, 2018c: 46; Seifert, 2018: 192; Schär, Talavera, *et al.* 2018: 6.

Senior synonym of *betulae*: Radchenko, 1995a: 25; Radchenko, 2016: 210.

Senior synonym of *fagi*: Radchenko, 1995a: 25; Radchenko, 2016: 210.

Senior synonym of *flavescens*: Radchenko, 1995a: 25; Radchenko, 2016: 210.

Material of the unavailable name “*uvicensis*” referred here (not previously recorded).

nadigi Kutter, 1925; see under **TEMNOTHORAX**.

naeviventris Santschi, 1910; see under **TEMNOTHORAX**.

narinicus Tarbinsky, 1976; see under **TEMNOTHORAX**.

nassonovi Ruzsky, 1895; see under **TEMNOTHORAX**.

neminan Espadaler, in Cagniant & Espadaler, 1997; see under **TEMNOTHORAX**.

neomexicanus Wheeler, W.M. 1903; see under **TEMNOTHORAX**.

nevadensis Wheeler, W.M. 1903; see under **TEMNOTHORAX**.

nevodovskii Karavaiev, 1926; see under **MYRMICA**.

niger Forel, 1894; see under **TEMNOTHORAX**.

nigrescens. *Leptothorax acervorum* var. *nigrescens* Ruzsky, 1905b: 614 (w.) RUSSIA.

Status as species: Pisarski, 1975: 23.

Subspecies of *acervorum*: Ruzsky, 1916: 6; Emery, 1924d: 261; Karavaiev, 1927b: 108; Ruzsky, 1936: 94; Novák, in Novák & Sadil, 1941: 89 (in key); Pisarski, 1969a: 228; Pisarski, 1969b: 297; Banert & Pisarski, 1972: 351; Pisarski & Krzysztofiak, 1981: 157; Bolton, 1995b: 241.

Junior synonym of *acervorum*: Collingwood, 1971: 160; Radchenko, 1995a: 23; Czechowski, *et al.* 2002: 41; Radchenko, 2004: 130; Radchenko, 2005b: 135; Czechowski, *et al.* 2012: 130; Radchenko, 2016: 209.

nigricans Baroni Urbani, 1978; see under **TEMNOTHORAX**.

nigriceps Karavaiev, 1930; see under **TEMNOTHORAX**.

nigriceps Mayr, 1855; see under **TEMNOTHORAX**.

nigricipoidea. *Leptothorax tuberum* r. *unifasciatus* var. *nigricipoidea* Forel, 1874: 86 (in text)
(w.) SWITZERLAND; unavailable (infrasubspecific) name.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 241.

nigrita Emery, 1878; see under **TEMNOTHORAX**.

nigroscutellata. *Leptothorax tuberum* var. *nigroscutellata* Costa, 1884: 34. *Nomen nudum*.

Material referred to *tuberum* by Emery, 1914e: 2.

nikitae Arnol'di, 1977; see under **TEMNOTHORAX**.

nipensis Fontenla Rizo, 1997; see under **TEMNOTHORAX**.

nitens Emery, 1895; see under **TEMNOTHORAX**.

nitidiceps Dalla Torre, 1893; see under **TEMNOTHORAX**.

nitidulus Santschi, 1923; see under **TEMNOTHORAX**

nivalis. *Leptothorax tuberum* subsp. *spinosus* var. *nivalis* Forel, 1909e: 377 (w.) ALGERIA;
unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Emery, 1924d: 257; Cagniant, 1970b: 201.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 242.

[*Leptothorax spinosus* var. *nivalis* Cagniant, 1970b: 207 (in text); unavailable name
(variety proposed after 1960): Bolton, 1995b: 242.]

nivarianus Santschi, 1925; see under **TEMNOTHORAX**.

nordmeyeri Schulz, A. 1997; see under **TEMNOTHORAX**.

normandi Santschi, 1912; see under **TEMNOTHORAX**.

nudus Mayr, 1866; see under **CARDIOCONDYLA**.

numidicus Santschi, 1929; see under **TEMNOTHORAX**.

nylanderocorticalis Forel, 1874; see under **TEMNOTHORAX**.

nylanderounifasciatus. *Leptothorax tuberum* var. *nylanderounifasciatus* Forel, 1874: 228 (w.)
SWITZERLAND. *Nomen nudum* (Plateaux & Cagniant, 2013: 429).

[*Leptothorax tuberum* var. *nylanderounifasciatus* Forel: Dalla Torre, 1893: 128. *Nomen
nudum*.]

nylanderonigriceps Stitz, 1939; see under **TEMNOTHORAX**.

nylanderotebessae. *Leptothorax tuberum* r. *tebessae* var. *nylanderotebessae* Forel, 1894d: 38
(w.) ALGERIA; unavailable (infrasubspecific) name.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 242.

nylanderotuberum Ruzsky, 1902; see under **TEMNOTHORAX**.

nylanderounifasciatus Forel, 1874; see under **TEMNOTHORAX**.

obenbergeri Sadil, 1939; see under **TEMNOTHORAX**.

obliquicanthus Cole, 1953; see under **TEMNOTHORAX**.

obscurior Dalla Torre, 1893; see under **TEMNOTHORAX**.

obscurus. *Leptothorax canadensis* subsp. *obscurus* Viereck, 1903: 72 (w.) U.S.A. (New
Mexico).

As unavailable (infrasubspecific) name: Wheeler, W.M. 1910g: 566.

Junior synonym of *yankee*: Creighton, 1950a: 277.

Junior synonym of *muscorum*: Brown, 1955a: 47; Smith, D.R. 1979: 1396; Bolton,
1995b: 241; Radchenko, 2016: 210.

Junior synonym of *canadensis*: Schär, Talavera, et al. 2018: 6.

obturator Wheeler, W.M. 1903; see under **TEMNOTHORAX**.

ocarinae Baroni Urbani, 1978; see under **TEMNOTHORAX**.

occidentalis Wheeler, W.M. 1903; see under **TEMNOTHORAX**.

oceanicus. *Mycothorax muscorum* subsp. *oceanicum* Kuznetsov-Ugamsky, 1928b: 29 (w.)

RUSSIA (Primorsky Region, Ussuri District).

Kupyanskaya, 1990: 140 (q.).

Combination in *Leptothorax*: Kupyanskaya, 1990: 140.

Subspecies of *muscorum*: Kuznetsov-Ugamsky, 1929a: 30.

Status as species: Heinze, Schulz & Radchenko, 1993: 178; Radchenko, 1994b: 111 (in key); Radchenko, 1994d: 147 (in key); Bolton, 1995b: 242; Radchenko, 1995a: 25; Radchenko & Heinze, 1997: 79; Bolton, 2003: 270; Radchenko, 2004: 131; Radchenko, 2005b: 136; Guénard & Dunn, 2012: 44.

ocellatus Mackay, 2000; see under **TEMNOTHORAX**.

opaciabdomin Chang & He, 2001; see under **TEMNOTHORAX**.

oraniensis Forel, 1894; see under **TEMNOTHORAX**.

orientalis. *Mycothorax acervorum* subsp. *orientalis* Kuznetsov-Ugamsky, 1928b: 31 (w.)

RUSSIA (Sikhote-Alin).

Subspecies of *acervorum*: Kuznetsov-Ugamsky, 1929a: 31.

Junior synonym of *acervorum*: Kupyanskaya, 1990: 137; Bolton, 1995b: 235; Radchenko, 1995a: 23; Terayama & Onoyama, 1999: 75; Lyu & Cho, 2003b: 270; Radchenko, 2004: 130; Radchenko, 2005b: 135; Radchenko, 2016: 209.

oxianus Ruzsky, 1905; see under **TEMNOTHORAX**.

oxynodis Mackay, 2000; see under **TEMNOTHORAX**.

pacis. *Doronomyrmex pacis* Kutter, 1945: 486, 3 figs. (q.) SWITZERLAND.

Kutter, 1950c: 348 (m.).

Combination in *Leptothorax*: Bernard, 1967: 224; Heinze, 1998: 195 (combination implied but not stated); Bolton, 2003: 270.

Status as species: Kutter, 1950c: 348; Bernard, 1967: 224 (redescription); Kutter, 1968a: 49; Kutter, 1968b: 204; Buschinger, 1972: 169; Kutter, 1977c: 146; Buschinger, 1981: 213; Bolton, 1995b: 177; Poldi, *et al.* 1995: 4; Bolton, 2003: 270; Bračko, 2007: 17; Seifert, 2007: 227; Casevitz-Weulersse & Galkowski, 2009: 488; Borowiec, L. 2014: 70; Lebas, *et al.* 2016: 286; Seifert, 2018: 194.

pallens. *Leptothorax nylanderi* morph *pallens* Plateaux, 1981: 64 (w.q.m.) FRANCE; unavailable name.

[Unavailable name (“morph” proposed after 1960): Bolton, 1995b: 242.]

[Note: also referred to as *nylanderi* form *pallens* Plateaux, 1981: 64; unavailable name (“form” proposed after 1960).]

pallidipes Santschi, 1910; see under **TEMNOTHORAX**.

pallidus Collingwood, 1961; see under **TEMNOTHORAX**.

palustris Deyrup & Cover, 2004; see under **TEMNOTHORAX**.

pamiricus Ruzsky, 1902; see under **TEMNOTHORAX**.

pan Santschi, 1936; see under **TEMNOTHORAX**.

paolii. *Leptothorax tuberum* st. *unifasciatus* var. *paolii* Santschi, 1923f: 331 (w.q.m.) FRANCE (Corsica); unavailable (infrasubspecific) name.

[*Leptothorax unifasciatus* var. *paolii* Baroni Urbani, 1971c: 126. Unavailable name (variety proposed after 1960).]

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 242.

Material referred to *Temnothorax unifasciatus* by Casevitz-Weulersse, 1990b: 417.

paraxenus. *Leptothorax paraxenus* Heinze & Alloway, 1992: 195, figs. 1-4 (q.m.) CANADA (Ontario, Québec).

Status as species: Bolton, 1995b: 242; Bolton, 2003: 270.

pardoī Tinaut, 1987; see under **TEMNOTHORAX**.

parkeri. *Leptothorax fuentei* var. *parkeri* Espadaler & DuMerle, 1989: 121; unavailable name.

[Unavailable name (variety proposed after 1960): Bolton, 1995b: 242.]

pastoris Baroni Urbani, 1978; see under **TEMNOTHORAX**.

pelagosanus Müller, 1923; see under **TEMNOTHORAX**.

peninsularis Wheeler, W.M. 1934; see under **TEMNOTHORAX**.

pergandei Emery, 1895; see under **TEMNOTHORAX**.

personatus Cagniant, 1987; see under **TEMNOTHORAX**.

petiolatus Forel, 1901; see under **TEMNOTHORAX**.

peyerimhoffi Santschi, 1929; see under **TEMNOTHORAX**.

picea Wasmann, 1906; see under **FORMICOXENUS**.

pici Bondroit, 1918; see under **TEMNOTHORAX**.

pictus Emery, 1924; see under **TEMNOTHORAX**.

pilifer Roger, 1863; see under **PHEIDOLE**.

pinetorum Wesson, L.G. & Wesson, R.G. 1940; see under **TEMNOTHORAX**.

pithyusae Arnol'di, 1977; see under **TEMNOTHORAX**.

pittieri Forel, 1899; see under **NESOMYRMEX**.

placivus* Wheeler, W.M. 1915; see under **TEMNOTHORAX.

platycephalus Espadaler, 1997; see under **TEMNOTHORAX**.

pleuriticus Kempf, 1959; see under **NESOMYRMEX**.

pocahontas. *Doronomyrmex pocahontas* Buschinger, 1979b: 216, figs. 1-4, 7 (q.) CANADA (Alberta).

Buschinger & Heinze, 1993: 428 (w.m.).

Combination in *Leptothorax*: Heinze, 1998: 195 (combination implied but not stated); Bolton, 2003: 270.

Status as species: Buschinger, 1981: 213; Heinze, 1998: 195; Buschinger & Heinze, 1993: 428; Bolton, 1995b: 177; Bolton, 2003: 270.

praecreolus* De Andrade, 1992; see under **TEMNOTHORAX.

pratostepposus Arnol'di, 1977; see under **TEMNOTHORAX**.

productus Santschi, 1918; see under **TEMNOTHORAX**.

provancheri Emery, 1895; see under **FORMICOXENUS**.

pseudoxanthus. *Leptothorax nylanderi* form *pseudoxanthus* Plateaux, 1981: 64; unavailable name.

[Unavailable name ("form" proposed after 1960): Bolton, 1995b: 243.]

pulcher Emery, 1917; see under **NESOMYRMEX**.

punctaticeps Mackay, 2000; see under **TEMNOTHORAX**.

punctatissimus Mackay, 2000; see under **TEMNOTHORAX**.

punctithorax Mackay, 2000; see under **TEMNOTHORAX**.

pungentinodis Emery, 1896; see under **NESOMYRMEX**.

pupseli Santschi, 1909; see under **TEMNOTHORAX**.

pyrenaeus Bondroit, 1918; see under **TEMNOTHORAX**.

rabaudi Bondroit, 1918; see under **TEMNOTHORAX**.

racovitzai Bondroit, 1918; see under **TEMNOTHORAX**.

renateae Taylor, 1989; see under **VOMBISIDRIS**.
reticulatus Chang & He, 2001; see under **TEMNOTHORAX**.
retifer Santschi, 1929; see under **TEMNOTHORAX**.
retractus. *Leptothorax retractus* Francoeur, 1986a: 1152, figs. 1-17 (w.q.m.) CANADA (Québec, Alberta, New Brunswick, Ontario, Yukon), U.S.A. (Utah).
Status as species: Loiselle, *et al.* 1990: 329; Bolton, 1995b: 243; Bolton, 2003: 270; Ellison, *et al.* 2012: 248.
retusispinosus Forel, 1892; see under **NESOMYRMEX**.
risii Forel, 1892; see under **TEMNOTHORAX**.
rosae Santschi, 1915; see under **TEMNOTHORAX**.
rothneyi Forel, 1902; see under **TEMNOTHORAX**.
rougeti Bondroit, 1918; see under **TEMNOTHORAX**.
rudis Wheeler, W.M. 1917; see under **TEMNOTHORAX**.
rufa Emery, 1896; see under **NESOMYRMEX**.
rufescens Forel, 1907; see under **TEMNOTHORAX**.
ruficornis Emery, 1914; see under **TEMNOTHORAX**.
rugatulus Emery, 1895; see under **TEMNOTHORAX**.
rugithorax Mackay, 2000; see under **TEMNOTHORAX**.
rugosus Mackay, 2000; see under **TEMNOTHORAX**.
rugulosus Mackay, 2000; see under **TEMNOTHORAX**.
rupestris Forel, 1909; see under **TEMNOTHORAX**.
rusticus Santschi, 1918; see under **TEMNOTHORAX**.
rutilans Kempf, 1958; see under **NESOMYRMEX**.
sachalinensis Kupyanskaya, 1990; see under **TEMNOTHORAX**.
saharensis Santschi, 1929; see under **TEMNOTHORAX**.
salambo Santschi, 1912; see under **TEMNOTHORAX**.
salina Karavaiev, 1937; see under **TEMNOTHORAX**.
santra Terayama & Onoyama, 1999; see under **TEMNOTHORAX**.
santschii Forel, 1905; see under **TEMNOTHORAX**.
sardoa Santschi, 1909; see under **TEMNOTHORAX**.
satunini Ruzsky, 1902; see under **TEMNOTHORAX**.
saudiae Collingwood & Agosti, 1996; see under **TETRAMORIUM**.
saxonicus Seifert, 1995; see under **TEMNOTHORAX**.
scabiosus Santschi, 1909; see under **TEMNOTHORAX**.
scamni. *Leptothorax (Mycothorax) muscorum* var. *scamni* Ruzsky, 1905b: 620, fig. 151 (w.) RUSSIA, GEORGIA.
Heinze, Schulz & Radchenko, 1993: 180 (q.).
Subspecies of muscorum: Emery, 1924d: 262.
Status as species: Arnol'di, 1977a: 204; Heinze, Schulz & Radchenko, 1993: 180; Arakelian, 1994: 57; Radchenko, 1994d: 147 (in key); Bolton, 1995b: 244; Radchenko, 1995a: 25; Bolton, 2003: 270; Gratiashvili & Barjadze, 2008: 139; Kiran & Karaman, 2012: 19; Borowiec, L. 2014: 100.
schaufussi Forel, 1879; see under **TEMNOTHORAX**.
schaumii Roger, 1863; see under **TEMNOTHORAX**.
schmidti Menozzi, 1927; see under **NESOMYRMEX**.
schmittii Wheeler, W.M. 1903; see under **TEMNOTHORAX**.

schurri Forel, 1902; see under **TEMNOTHORAX**.
schwebeli Forel, 1913; see under **NESOMYRMEX**.
sculptiventris Mayr, 1887; see under **NESOMYRMEX**.
semenovi Ruzsky, 1903b; see under **TEMNOTHORAX**.
semiruber André, 1881; see under **TEMNOTHORAX**.
senectutis Baroni Urbani, 1978; see under **TEMNOTHORAX**.
septentrionalis. *Leptocephalus (Mycocephalus) muscorum* var. *septentrionalis* Wheeler, W.M. 1917a: 511 (w.q.m.) CANADA (Alberta, British Columbia).
Subspecies of *muscorum*: Emery, 1924d: 262; Smith, M.R. 1951a: 822.
Synonym of *calderoni*: Creighton, 1950a: 276.
[Note: Creighton, 1950a: 276, gives *calderoni* as senior synonym, but *septentrionalis* has priority.]
Junior synonym of *muscorum*: Brown, 1955a: 47; Smith, M.R. 1958c: 134; Smith, D.R. 1979: 1397; Bolton, 1995b: 241; Radchenko, 2016: 210.
Junior synonym of *canadensis*: Schär, Talavera, et al. 2018: 6.
sergensis Santschi, 1929; see under **TEMNOTHORAX**.
sericeiventris. *Leptocephalus cabrerae* st. *productus* var. *sericeiventris* Santschi, 1918a: 35 (w.) MOROCCO; unavailable (infrasubspecific) name.
As unavailable (infrasubspecific) name: Emery, 1924d: 252.
Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 244.
serviculus Ruzsky, 1902; see under **TEMNOTHORAX**.
sevanensis Arnol'di, 1977; see under **TEMNOTHORAX**.
shelkovnikovi Karavaiev, 1926; see under **TEMNOTHORAX**.
sibiricus Forel, 1899; see under **FORMICOXENUS**.
sikorai Emery, 1896; see under **NESOMYRMEX**.
silvanus Forel, 1907; see under **TEMNOTHORAX**.
silvestrii Menozzi, 1921; see under **TEMNOTHORAX**.
simesno Espadaler, in Cagniant & Espadaler, 1997; see under **TEMNOTHORAX**.
similis Baroni Urbani, 1978; see under **TEMNOTHORAX**.
simlensis Forel, 1904; see under **TEMNOTHORAX**.
singularis Radchenko, 1994; see under **TEMNOTHORAX**.
slavonicus Seifert, 1995; see under **TEMNOTHORAX**.
smithi Baroni Urbani, 1978; see under **TEMNOTHORAX**.
smyrnensis Forel, 1911; see under **TEMNOTHORAX**.
solerii Menozzi, 1936; see under **TEMNOTHORAX**.
sordidulus Müller, 1923; see under **TEMNOTHORAX**.
sordidus. *Leptocephalus muscorum* var. *sordidus* Wheeler, W.M. 1903c: 224, pl. 12, fig. 2 (w.) U.S.A. (Colorado).
Combination in *L. (Mycocephalus)*: Wheeler, W.M. 1917a: 511.
Subspecies of *muscorum*: Wheeler, W.M. 1910g: 566; Wheeler, W.M. 1917a: 511; Emery, 1924d: 262; Smith, M.R. 1951a: 822.
Junior synonym of *yankee*: Creighton, 1950a: 277.
Junior synonym of *muscorum*: Brown, 1955a: 47; Smith, M.R. 1958c: 134; Smith, D.R. 1979: 1396; Bolton, 1995b: 241; Radchenko, 2016: 210.
Junior synonym of *canadensis*: Schär, Talavera, et al. 2018: 6.
specularis Emery, 1916; see under **TEMNOTHORAX**.
sphagnicola. *Leptocephalus sphagnicolus* Francoeur, 1986a: 1158, fig. 18-30 (w.q.m.) CANADA (Québec).

[Justified emendation of spelling to *sphagnicola*: Bolton, 1995b: 245.]

Status as species: Loiselle, *et al.* 1990: 329; Bolton, 1995b: 245; Bolton, 2003: 270; Ellison, *et al.* 2012: 249.

spininodis Mayr, 1887; see under ***NESOMYRMEX***.

spinosior Forel, 1901; see under ***TEMNOTHORAX***.

spinosus Forel, 1909; see under ***TEMNOTHORAX***.

spinosus. *Leptothorax (Dichothorax) pergandi* subsp. *floridanus* var. *spinosus* Smith, M.R. 1929: 551 (w.) U.S.A. (Mississippi); unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Smith, M.R. 1931a: 19; Smith, M.R. 1951a: 820.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 245.

Material referred to *floridanus* by Creighton, 1950a: 260; Smith, M.R. 1958c: 133; Smith, D.R. 1979: 1396.

Material referred to *pergandi* by Mackay, 1993a: 289.

splendidiceps Baroni Urbani, 1968; see under ***TEMNOTHORAX***.

staegeri Bondroit, 1918; see under ***TEMNOTHORAX***.

steinbergi Arnol'di, 1971; see under ***TEMNOTHORAX***.

stenotyle Cole, 1956; see under ***TEMNOTHORAX***.

stipaceus Ruzsky, 1905; see under ***TEMNOTHORAX***.

stitzi Santschi, 1918; see under ***TEMNOTHORAX***.

stollii Forel, 1885; see under ***TEMNOTHORAX***.

striatulus Stitz, 1937; see under ***TEMNOTHORAX***.

subcingulata Emery, 1924; see under ***TEMNOTHORAX***.

suberis Forel, 1894; see under ***TEMNOTHORAX***.

submuticus Emery, 1915; see under ***TEMNOTHORAX***.

subnudus Ruzsky, 1905; see under ***TEMNOTHORAX***.

sulfurea Forel, 1912; see under ***NESOMYRMEX***.

superbus, misspelling, see under *superus*.

superus. *Leptothorax (Mycothorax) acervorum* var. *superus* Ruzsky, 1905b: 614 (w.m.) RUSSIA.

[Misspelled as *superbus* by Ruzsky, 1936: 94.]

Subspecies of *acervorum*: Ruzsky, 1916: 5; Emery, 1924d: 261; Ruzsky, 1936: 94; Ruzsky, 1946: 70; Bolton, 1995b: 245.

Junior synonym of *acervorum*: Radchenko, 1995a: 23; Radchenko, 2016: 209.

susamyri Dlussky, 1965; see under ***TEMNOTHORAX***.

suturalis. *Leptothorax normandi* st. *atlantis* var. *suturalis* Santschi, 1921b: 426 (w.) MOROCCO; unavailable (infrasubspecific) name.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 245.

svartshevskii Karavaiev, 1916; see under ***MYRMICA***.

taivanensis Wheeler, W.M. 1929; see under ***TEMNOTHORAX***.

talassicus Tarbinsky, 1976; see under ***TEMNOTHORAX***.

tamarae Radchenko, 1994; see under ***TEMNOTHORAX***.

tauricus Ruzsky, 1902; see under ***TEMNOTHORAX***.

taylori Forel, 1912; see under ***PARATOPULA***.

tebessae Forel, 1890; see under ***TEMNOTHORAX***.

tellensis. *Leptothorax bucheti* st. *tuneticus* var. *tellensis* Santschi, 1939d: 74 (w.) ALGERIA; unavailable (infrasubspecific) name.

- Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 245.
tennesseensis Cole, 1938; see under **PHEDOLE**.
tenuisculptus Baroni Urbani, 1978; see under **TEMNOTHORAX**.
tenuispinus Santschi, 1911; see under **TEMNOTHORAX**.
tenuispinus. *Leptothorax bucheti* st. *tuneticus* var. *tenuispinus* Santschi, 1939d: 74 (w.) ALGERIA; unavailable (infrasubspecific) name.
Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 245.
tergestina Finzi, 1928; see under **TEMNOTHORAX**.
terrigena Wheeler, W.M. 1903; see under **TEMNOTHORAX**.
tesquorum Arnol'di, 1977; see under **TEMNOTHORAX**.
testaceus Emery, 1894; see under **NESOMYRMEX**.
texanus Wheeler, W.M. 1903; see under **TEMNOTHORAX**.
theryi Santschi, 1921; see under **TEMNOTHORAX**.
tianschanicus Tarbinsky, 1976; see under **TEMNOTHORAX**.
timida Santschi, 1912; see under **TEMNOTHORAX**.
timidus Kempf, 1959; see under **NESOMYRMEX**.
tirolensis Gredler, 1858; see under **TEMNOTHORAX**.
tomianus. *Leptothorax tomianus* Ruzsky, 1915b: 5. *Nomen nudum* (Radchenko, 1996c: 19).
tonsuratus Kempf, 1959; see under **NESOMYRMEX**.
totonicapani Baroni Urbani, 1978; see under **TEMNOTHORAX**.
tozae. *Leptothorax tuberum* var. *tozae* Schmitz, 1950: 16. *Nomen nudum*.
trabutii Forel, 1894; see under **TEMNOTHORAX**.
transitoria. *Leptothorax rottebergi* st. *annibalis* var. *transitoria* Santschi, 1909b: 478 (w.) TUNISIA; unavailable (infrasubspecific) name.
As unavailable (infrasubspecific) name: Santschi, 1918a: 33; Emery, 1924d: 252.
Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 245.
tricarinatus Emery, 1895; see under **TEMNOTHORAX**.
tricolor Santschi, 1925; see under **TEMNOTHORAX**.
tristani Emery, 1896; see under **NESOMYRMEX**.
tristis Bondroit, 1918; see under **TEMNOTHORAX**.
tuberoaffinis Bondroit, 1918; see under **TEMNOTHORAX**.
tuberointerruptus Bondroit, 1918; see under **TEMNOTHORAX**.
tuberonigriceps Forel, 1874; see under **TEMNOTHORAX**.
tunetica Santschi, 1918; see under **TEMNOTHORAX**.
turcicus Santschi, 1934; see under **TEMNOTHORAX**.
turritellus Espadaler, in Cagniant & Espadaler, 1997; see under **TEMNOTHORAX**.
tuscaloosae Wilson, 1951; see under **TEMNOTHORAX**.
tyndalei Forel, 1909; see under **TEMNOTHORAX**.
ucrainicus Arnol'di, 1977; see under **TEMNOTHORAX**.
umbratilis Wheeler, W.M. 1921; see under **NESOMYRMEX**.
unifasciatointerruptus Forel, 1874; see under **TEMNOTHORAX**.
unifasciatonigriceps Novák & Sadil, 1941; see under **TEMNOTHORAX**.
unifasciatonigricepoides; see under **TEMNOTHORAX**.
unifasciatonylanderi. *Leptothorax tuberum* r. *exilis* var. *unifasciatonylanderi* Emery & Forel, 1879: 495 (attributed to Forel, 1874 (no page indicated, not found)). *Nomen nudum*.

[*Leptothorax tuberum* var. *unifasciatonylanderi* André, 1883a: 300; Dalla Torre, 1893: 128. *Nomina nuda*.]

unifasciatotuberum. *Leptothorax tuberum* r. *unifasciatus* var. *unifasciatotuberum* Forel, 1892i: 314. *Nomen nudum*.

universitatis Espadaler, 1997; see under **TEMNOTHORAX**.

usunkul Ruzsky, 1924; see under **TEMNOTHORAX**.

uvicensis. *Leptothorax muscorum* group sp. “*uvicensis*” Blacker, 1992: 7, fig. 2 (w.) CANADA (British Columbia); unavailable name.

Subspecies of *muscorum*: Bolton, 1995b: 246 (error).

[Unavailable name (published without designation of type-material).]

Material referred to *muscorum* (not previously recorded).

vandeli. *Mycothorax acervorum* var. *vandeli* Bondroit, 1920a: 153 (w.q.) FRANCE.

[Also described as new by Bondroit, 1920b: 303.]

Combination in *Leptothorax*: Bondroit, 1920b: 303;

combination in *Temnothorax*: Borowiec, L. 2014: 193 (error).

Subspecies of *acervorum*: Bolton, 1995b: 246.

Junior synonym of *acervorum*: Casevitz-Weulersse & Galkowski, 2009: 488.

Status as species: Borowiec, L. 2014: 193 (error).

veneris. *Leptothorax angustus* st. *trabuti* var. *veneris* Santschi, 1918a: 35 (w.q.) TUNISIA; unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Emery, 1924d: 253.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 246.

vicinus Mayr, 1887; see under **NESOMYRMEX**.

volgensis Ruzsky, 1905; see under **TEMNOTHORAX**.

volubilis Santschi, 1929; see under **TEMNOTHORAX**.

werneri Radchenko, 1994; see under **TEMNOTHORAX**.

wheeleri Smith, M.R. 1929; see under **TEMNOTHORAX**.

whitfordi Mackay, 2000; see under **TEMNOTHORAX**.

wilda Smith, M.R. 1943; see under **NESOMYRMEX**.

williami Baroni Urbani, 1978; see under **TEMNOTHORAX**.

wilsoni. *Leptothorax wilsoni* Heinze, 1989: 50, figs. 1, 2a,b, 3-5 (q.m.) U.S.A. (New Hampshire), CANADA (Québec).

Status as species: Bolton, 1995b: 246; Bolton, 2003: 270; Ellison, et al. 2012: 250.

wollastoni Donisthorpe, 1940; see under **TEMNOTHORAX**.

wroughtonii Forel, 1904; see under **TEMNOTHORAX**.

wui Wheeler, W.M. 1929; see under **TEMNOTHORAX**.

yankee. *Leptothorax (Leptothorax) canadensis* var. *yankee* Emery, 1895c: 319 (w.q.) U.S.A. (South Dakota, Utah, Colorado).

Wheeler, W.M. 1917a: 513 (m.); Wheeler, G.C. & Wheeler, J. 1955b: 21 (l.).

Combination in *L. (Mycothorax)*: Wheeler, W.M. 1917a: 512.

As unavailable (infrasubspecific) name: Wheeler, W.M. 1903c: 227; Wheeler, W.M. 1910g: 566; Wheeler, W.M. 1917a: 512; Emery, 1924d: 261; Cole, 1942: 369; Smith, M.R. 1951a: 821.

Status as species: Pergande, 1900: 520.

Subspecies of *acervorum*: Wheeler, G.C. & Wheeler, E.W. 1944: 248.

Subspecies of *canadensis*: Creighton, 1950a: 277.

Junior synonym of *muscorum*: Brown, 1955a: 47; Smith, M.R. 1958c: 134; Smith, D.R. 1979: 1396; Bolton, 1995b: 241; Coovert, 2005: 79; Radchenko, 2016: 210.

Junior synonym of *canadensis*: Schär, Talavera, et al. 2018: 6.

zhengi. *Leptothorax zhengi* Zhou & Chen, in Zhou, Peng, et al. 2011: 592, figs. 1-2 (w.) CHINA (Inner Mongolia).