

HARPAGOXENUS

americanus Emery, 1895 [*Tomognathus*]; see under **TEMNOTHORAX**.

canadensis. *Harpagoxenus canadensis* Smith, M.R. 1939b: 168, figs. 1A,B, 2A (q., ergatoid q.) CANADA (Québec).

Gregg, 1945a: 74 (w.).

Status as species: Gregg, R.E. 1945a: 74; Creighton, 1950a: 284; Smith, M.R. 1951a: 822; Kutter, 1968b: 204; Francoeur, 1977b: 207; Smith, D.R. 1979: 1398; Buschinger, 1981: 213; Wheeler, G.C., *et al.* 1994: 302; Bolton, 1995b: 211; Coovert, 2005: 81; Ellison, *et al.* 2012: 243; Xu, 2012a: 21 (in key).

caucasicus. *Harpagoxenus sublaevis* subsp. *caucasicus* Arnol'di, 1968: 1812, fig. 11 (w.) GEORGIA.

As unavailable (infrasubspecific) name: Gratiashvili & Barjadze, 2008: 138 (error).

Subspecies of sublaevis: Bolton, 1995b: 211.

hirtula. *Myrmica hirtula* Nylander, 1849: 45 (w.) FINLAND.

Combination in *Harpagoxenus*: Emery, 1924d: 266.

Status as species: Smith, F. 1858b: 121.

Subspecies of *sublaevis*: Emery, 1924d: 266; Stitz, 1939: 154; Bolton, 1995b: 211.

Junior synonym of *sublaevis*: Mayr, 1861: 56 (in key); Roger, 1863b: 26; Mayr, 1863: 457; Dours, 1873: 170; Emery & Forel, 1879: 457; Dalla Torre, 1893: 64; Ruzsky, 1905b: 563; Collingwood, 1971: 160; Radchenko, 2007: 32; Radchenko, 2016: 202.

sublaevis. *Myrmica sublaevis* Nylander, 1849: 33 (w.) FINLAND.

[Misspelled as *sublevis* by Emery & Forel, 1879: 457, Dalla Torre, 1893: 64, and others.] Adlerz, 1896: 62 (q.m.); Viehmeyer, 1906: 58 (q.m.); Wheeler, G.C. & Wheeler, J. 1955b: 27 (l.).

Combination in *Tomognathus*: Mayr, 1861: 56 (in key); Dalla Torre, 1893: 64;

combination in *Harpagoxenus*: Forel, 1893a: 167.

Status as species: Nylander, 1856b: 95; Smith, F. 1858b: 121; Mayr, 1861: 56 (in key); Meinert, 1861: 333; Roger, 1863b: 26; Mayr, 1863: 457; Dours, 1873: 170; André, 1874: 188 (in key); Emery & Forel, 1879: 457; André, 1882c: 279 (in key); Nasonov, 1889: 29; Dalla Torre, 1893: 64; Wasmann, 1894: 164; Ruzsky, 1896: 71; Wheeler, W.M. 1901c: 707; Ruzsky, 1905b: 563; Viehmeyer, 1906: 57; Emery, 1908f: 549; Bondroit, 1910: 499; Stitz, 1914: 64; Forel, 1915d: 19 (in key); Emery, 1916b: 192; Escherich, 1917: 324; Bondroit, 1918: 141; Soudek, 1922: 30; Müller, 1923b: 99; Emery, 1924d: 266; Menozzi, 1925d: 33; Karavaiev, 1927c: 269 (in key); Arnol'di, 1933b: 598 (in key); Karavaiev, 1934: 150 (redescription); Grandi, 1935: 101; Stitz, 1939: 151; Holgersen, 1940: 183; Novák & Sadil, 1941: 84 (in key); Holgersen, 1942: 6; Holgersen, 1944: 168; Bernard, 1950a: 17; Bernard, 1967: 223 (redescription); Arnol'di, 1968: 1812; Kutter, 1968a: 60; Kutter, 1968b: 204; Baroni Urbani, 1971c: 133; Collingwood, 1971: 160; Banert & Pisarski, 1972: 351; Pisarski, 1975: 24; Kutter, 1977c: 146; Arnol'di & Dlussky, 1978: 544 (in key); Collingwood, 1978: 76 (in key); Collingwood, 1979: 78; Buschinger, 1981: 213; Agosti & Collingwood, 1987a: 55; Agosti & Collingwood, 1987b: 265 (in key); Nilsson & Douwes, 1987: 58; Radchenko, 1994b: 112 (in key); Bolton, 1995b: 212; Douwes, 1995: 90; Poldi, *et al.* 1995: 5; Buschinger, 1997: 2; Espadaler, 1997b: 29; Gallé, *et al.* 1998: 215; Czechowski, *et al.* 2002: 58; Tinaut, Ruano & Martinez, 2005: 462; Markó, Sipos, *et al.* 2006: 69; Petrov, 2006: 85 (in key); Bračko, 2007: 17; Seifert, 2007: 228; Werner & Wiezik, 2007: 140; Zryanin & Zryanina, 2007: 232; Casevitz-

Weulersse & Galkowski, 2009: 488; Lapeva-Gjonova, *et al.* 2010: 20; Boer, 2010: 48; Csösz, *et al.* 2011: 57; Czechowski, *et al.* 2012: 161; Guénard & Dunn, 2012: 43; Kiran & Karaman, 2012: 19; Xu, 2012a: 22 (redescription); Borowiec, L. 2014: 81 (see note in bibliography); Lebas, *et al.* 2016: 282; Radchenko, 2016: 202.

Senior synonym of *hirtula*: Mayr, 1861: 56 (in key); Roger, 1863b: 26; Mayr, 1863: 457; Dours, 1873: 170; Emery & Forel, 1879: 457; Dalla Torre, 1893: 64; Ruzsky, 1905b: 563; Collingwood, 1971: 160; Radchenko, 2007: 32; Radchenko, 2016: 202; Seifert, 2018: 196.

Current subspecies: nominal plus *caucasicus*.

***zaisanicus*.** *Harpagoxenus zaisanicus* Pisarski, 1963: 39, figs. 1-4 (w.) MONGOLIA.

Status as species: Kutter, 1968b: 204; Pisarski, 1969a: 229; Pisarski, 1969b: 303; Buschinger, 1981: 213; Pisarski & Krzysztofciak, 1981: 158; Radchenko, 1994b: 112 (in key); Bolton, 1995b: 212; Buschinger, 1997: 2; Xu, 2012a: 21 (in key).