

BRACHYMYRMEX

admotus. *Brachymyrmex admotus* Mayr, 1887: 523 (w.q.) BRAZIL (Santa Catarina).

[Misspelled as *admostus* by Santschi, 1923b: 669, Santschi, 1933e: 122.]

Wheeler, G.C. & Wheeler, J. 1982: 178 (l.).

Status as species: Dalla Torre, 1893: 174; Forel, 1895b: 106; Pergande, 1896: 858 (redescription); Forel, 1899c: 123; Forel, 1907e: 9; Mann, 1916: 473; Santschi, 1923b: 669; Emery, 1925b: 41; Borgmeier, 1927c: 140; Santschi, 1933e: 122; Eidmann, 1936b: 92; Santschi, 1936d: 420; Kempf, 1972a: 38; Bolton, 1995b: 81; Quirán, 2005: 762 (redescription); Ortiz-Sepúlveda, *et al.* 2019: 460 (redescription).

Senior synonym of *immunis*: Ortiz-Sepúlveda, *et al.* 2019: 460.

andina. *Brachymyrmex levis* var. *andina* Santschi, 1923b: 659 (w.) ARGENTINA (Jujuy).

Subspecies of *laevis*: Emery, 1925b: 42; Kempf, 1972a: 40; Bolton, 1995b: 81.

Junior synonym of *bruchi*: Ortiz-Sepúlveda, *et al.* 2019: 476.

antennatus. *Brachymyrmex (Brysha) antennatus* Santschi, 1929d: 312, fig. 35 (w.q.) BRAZIL (Paraná).

Status as species: Kempf, 1972a: 41; Bolton, 1995b: 81; Ortiz-Sepúlveda, *et al.* 2019: 463 (redescription).

aphidicola. *Brachymyrmex heeri* var. *aphidicola* Forel, 1909a: 263 (w.) PARAGUAY.

Forel, 1912i: 62 (q.).

Subspecies of *heeri*: Forel, 1912i: 62; Forel, 1915c: 361; Bruch, 1915: 534; Santschi, 1923b: 665; Emery, 1925b: 42; Borgmeier, 1927c: 141; Donisthorpe, 1927b: 397; Wheeler, W.M. & Bequaert, 1929: 37; Wheeler, W.M. 1934h: 17; Wheeler, W.M. 1935g: 38; Santschi, 1936b: 204; Kempf, 1972a: 39; Bolton, 1995b: 81; Fernández & Ortiz-Sepúlveda, 2019: 728; Ortiz-Sepúlveda, *et al.* 2019: 464 (redescription).

Status as species: Wild, 2007b: 27, 43; Ortiz-Sepúlveda, *et al.* 2019: 464.

Senior synonym of *fallax*: Wild, 2007b: 43; Ortiz-Sepúlveda, *et al.* 2019: 464.

Senior synonym of *hemiops*: Ortiz-Sepúlveda, *et al.* 2019: 464.

atrátula. *Brachymyrmex patagonicus* var. *atrátula* Santschi, 1923b: 657, fig. 3 (w.) ARGENTINA (Jujuy, Mendoza).

Subspecies of *patagonicus*: Emery, 1925b: 43; Kempf, 1972a: 41; Bolton, 1995b: 81.

Junior synonym of *patagonicus*: Quirán, *et al.* 2004: 275; Ortiz-Sepúlveda, *et al.* 2019: 521.

attenuatus. *Brachymyrmex luederwaldti* st. *attenuatus* Santschi, 1929d: 310 (w.) BRAZIL (Santa Catarina).

Subspecies of *luederwaldti*: Kempf, 1972a: 40; Bolton, 1995b: 81.

Status as species: Ortiz-Sepúlveda, *et al.* 2019: 567 (redescription).

australis. *Brachymyrmex minutus* r. *australis* Forel, 1901d: 302 (w.) BRAZIL (Rio Grande do Sul).

Status as species: Santschi, 1922d: 260; Santschi, 1923b: 662; Emery, 1925b: 41; Borgmeier, 1927c: 140; Kempf, 1972a: 38; Bolton, 1995b: 81; Fernández & Ortiz-Sepúlveda, 2019: 728; Ortiz-Sepúlveda, *et al.* 2019: 468 (redescription).

Senior synonym of *curta*: Ortiz-Sepúlveda, *et al.* 2019: 468.

Senior synonym of *longicornis*: Ortiz-Sepúlveda, *et al.* 2019: 468.

bahamensis. *Brachymyrmex bahamensis* Ortiz-Sepúlveda, *et al.* 2019: 471, fig. 12 (supplemental material S6) (w.q.) BAHAMAS (Exuma District, Andros I.).

balboae. *Brachymyrmex pictus* subsp. *balboae* Wheeler, W.M. 1942: 253 (w.q.m.) PANAMA.

- Subspecies of *pictus*: Kempf, 1972a: 41; Bolton, 1995b: 81.
 Junior synonym of *pictus*: Ortiz-Sepúlveda, *et al.* 2019: 525.
- basalis*. *Brachymyrmex heeri* var. *basalis* Wheeler, W.M. 1921f: 166 (w.) GUYANA.
 Subspecies of *heeri*: Santschi, 1923b: 666; Emery, 1925b: 42; Wheeler, W.M. 1942: 253;
 Kempf, 1972a: 39; Bolton, 1995b: 81.
 Junior synonym of *pictus*: Ortiz-Sepúlveda, *et al.* 2019: 525.
- bicolor***. *Brachymyrmex bicolor* Ortiz-Sepúlveda, *et al.* 2019: 472, fig. 13 (supplemental material S7) (w. w-q intercaste. q.) HONDURAS.
- bonariensis***. *Brachymyrmex constrictus* st. *bonariensis* Santschi, 1933e: 122, figs. 20, 21 (w.) ARGENTINA (Buenos Aires).
Subspecies of *constrictus*: Kempf, 1972a: 38; Bolton, 1995b: 81.
Status as species: Ortiz-Sepúlveda, *et al.* 2019: 474 (redescription).
- brasiliensis***. *Brachymyrmex brasiliensis* Ortiz, C.M. & Fernández, 2014: 22, figs. 19-21, 28 (w.) BRAZIL (Rio de Janeiro, Goiás).
Status as species: Ortiz-Sepúlveda, *et al.* 2019: 475.
- brevicornis*. *Brachymyrmex brevicornis* Emery, 1906c: 180, figs. 38, 40, 41 (w.q.m.) ARGENTINA (Buenos Aires, Salta), PARAGUAY, BRAZIL (Rio Grande do Sul).
 Status as species: Forel, 1913l: 245; Forel, 1914d: 287; Bruch, 1914: 227; Santschi, 1916e: 395; Santschi, 1923b: 661; Emery, 1925b: 41; Borgmeier, 1927c: 140; Santschi, 1933e: 122; Kempf, 1972a: 38; Bolton, 1995b: 82; Deyrup, *et al.* 2000: 301; Deyrup, 2003: 44; Quirán, 2005: 765 (redescription).
 Junior synonym of *cordemoyi*: Ortiz-Sepúlveda, *et al.* 2019: 483.
- brevicornoeides*. *Brachymyrmex patagonicus* var. *brevicornoeides* Forel, 1914d: 287 (w.q.m.) ARGENTINA (Buenos Aires).
 Subspecies of *patagonicus*: Bruch, 1915: 535.
 Status as species: Bolton, 1995b: 81.
 Synonym of *nigricans*: Santschi, 1923b: 657; Kempf, 1972a: 40.
 [Note: Santschi, and Kempf, give *nigricans* as senior synonym, but *brevicornoeides* has priority (Bolton, 1995b: 81).]
 Junior synonym of *cordemoyi*: Ortiz-Sepúlveda, *et al.* 2019: 483.
- bruchi***. *Brachymyrmex bruchi* Forel, 1912i: 64 (w.m.) ARGENTINA (Catamarca).
 Santschi, 1929d: 309 (q.).
Status as species: Bruch, 1914: 227; Santschi, 1916e: 395; Bruch, 1917d: 432; Santschi, 1923b: 660; Emery, 1925b: 41; Santschi, 1929d: 309; Kusnezov, 1953b: 339; Kempf, 1972a: 38; Bolton, 1995b: 82; Quirán, *et al.* 2004: 279 (redescription) ; Fernández & Ortiz-Sepúlveda, 2019: 728; Ortiz-Sepúlveda, *et al.* 2019: 476 (redescription).
Senior synonym of *andina*: Ortiz-Sepúlveda, *et al.* 2019: 476.
Senior synonym of *nitida*: Ortiz-Sepúlveda, *et al.* 2019: 476.
Senior synonym of *rufipes*: Quirán, *et al.* 2004: 279; Ortiz-Sepúlveda, *et al.* 2019: 476.
- cavernicola***. *Brachymyrmex cavernicola* Wheeler, W.M. 1938: 252 (w.m.) MEXICO (Yucatan).
Status as species: Kempf, 1972a: 38; Bolton, 1995b: 82; Branstetter & Sáenz, 2012: 255; Fernández & Ortiz-Sepúlveda, 2019: 728; Ortiz-Sepúlveda, *et al.* 2019: 479 (redescription).
- coactus***. *Brachymyrmex coactus* Mayr, 1887: 523 (w.q.m.) BRAZIL (Santa Catarina).
Status as species: Emery, 1888c: 364; Emery, 1890b: 56; Dalla Torre, 1893: 174; von Jhering, 1894: 377; Emery, 1894k: 61; Forel, 1895b: 106; Forel, 1899c: 123; Forel, 1912i: 62; Mann, 1916: 473; Luederwaldt, 1918: 48; Santschi, 1923b: 669; Santschi,

- 1923c: 272; Emery, 1925b: 41; Borgmeier, 1927c: 141; Kempf, 1972a: 38; Bolton, 1995b: 82; Branstetter & Sáenz, 2012: 255; Fernández & Ortiz-Sepúlveda, 2019: 728; Ortiz-Sepúlveda, *et al.* 2019: 480 (redescription).
- Senior synonym of *constrictus*:** Ortiz-Sepúlveda, *et al.* 2019: 481.
- Senior synonym of *nictitans*:** Ortiz-Sepúlveda, *et al.* 2019: 480.
- Senior synonym of *robusta*:** Ortiz-Sepúlveda, *et al.* 2019: 481.
- constrictus*. *Brachymyrmex constrictus* Santschi, 1923b: 671, figs. 5, 38, 61 (w.) BOLIVIA.
 Status as species: Emery, 1925b: 41; Kempf, 1972a: 38; Bolton, 1995b: 82.
 Junior synonym of *coactus*: Ortiz-Sepúlveda, *et al.* 2019: 480.
- cordemoyi***. *Brachymyrmex patagonicus* var. *cordemoyi* Forel, 1895a: 49 (w.) REUNION I.
 Emery, 1906c: 180 (q.m.).
- Subspecies of *patagonicus*:** Emery, 1895f: 337; Forel, 1908c: 399; Forel, 1912k: 165; Santschi, 1912e: 533; Bruch, 1915: 535; Luederwaldt, 1918: 48;.
- Status as species:** Emery, 1906c: 179; Forel, 1907g: 86; Forel, 1912i: 62; Bruch, 1914: 227; Wheeler, W.M. 1922a: 1036; Santschi, 1923b: 658; Wheeler, W.M. 1923c: 5; Emery, 1925b: 41; Borgmeier, 1927c: 141; Santschi, 1933e: 122; Donisthorpe, 1946e: 33; Donisthorpe, 1949e: 274; Kempf, 1972a: 38; Bolton, 1995b: 82; Dorow, 1996a: 84; Blard, *et al.* 2003: 129; Wild, 2007b: 27; Sharaf, Salman, *et al.* 2016b: 801 (redescription); Fernández & Ortiz-Sepúlveda, 2019: 728; Ortiz-Sepúlveda, *et al.* 2019: 483 (redescription).
- Senior synonym of *brevicornoeides*:** Ortiz-Sepúlveda, *et al.* 2019: 483.
- Senior synonym of *brevicornis*:** Ortiz-Sepúlveda, *et al.* 2019: 483.
- Senior synonym of *distincta*:** Ortiz-Sepúlveda, *et al.* 2019: 484.
- Senior synonym of *fuscula*:** Ortiz-Sepúlveda, *et al.* 2019: 483.
- Senior synonym of *nigricans*:** Ortiz-Sepúlveda, *et al.* 2019: 484.
- cordobensis*. *Brachymyrmex giardi* var. *cordobensis* Santschi, 1929d: 309 (w.) ARGENTINA (Córdoba).
 Subspecies of *giardi*: Kempf, 1972a: 39; Bolton, 1995b: 82.
 Junior synonym of *heeri*: Ortiz-Sepúlveda, *et al.* 2019: 503.
- curta*. *Brachymyrmex australis* var. *curta* Santschi, 1922d: 260 (q.m.) ARGENTINA (Córdoba), URUGUAY.
 [Also described as new by Santschi, 1923b: 663 (w.).]
 Subspecies of *australis*: Emery, 1925b: 41; Santschi, 1931e: 281; Kempf, 1972a: 38; Zolessi, *et al.* 1988: 6; Bolton, 1995b: 82.
 Junior synonym of *australis*: Ortiz-Sepúlveda, *et al.* 2019: 468.
- decedens* Mayr, 1887; see under **ACROPYGA**.
- degener***. *Brachymyrmex coactus* subsp. *degener* Emery, 1906c: 177 (w.) BRAZIL (Mato Grosso).
Status as species: Santschi, 1923b: 670; Emery, 1925b: 42; Borgmeier, 1927c: 141; Kempf, 1972a: 38; Bolton, 1995b: 82; Fernández & Ortiz-Sepúlveda, 2019: 728; Ortiz-Sepúlveda, *et al.* 2019: 488 (redescription).
Senior synonym of *incisus*: Ortiz-Sepúlveda, *et al.* 2019: 488.
Senior synonym of *luederwaldti*: Ortiz-Sepúlveda, *et al.* 2019: 488.
Senior synonym of *niger*: Ortiz-Sepúlveda, *et al.* 2019: 488.
- delabiei***. *Brachymyrmex delabiei* Ortiz, C.M. & Fernández, 2014: 24, figs. 22-24, 28 (w.) BRAZIL (São Paulo, Bahia, Santa Catarina).

Status as species: Ortiz-Sepúlveda, *et al.* 2019: 491.

depilis. *Brachymyrmex heeri* subsp. *depilis* Emery, 1893i: 635 (w.q.) U.S.A. (District of Columbia, Dakota, New Jersey, Virginia).

Wheeler, G.C. & Wheeler, J. 1953c: 139 (l.).

Subspecies of *heeri*: Wheeler, W.M. 1900c: 47; Wheeler, W.M. 1904e: 304; Wheeler, W.M. 1905f: 389; Wheeler, W.M. 1908f: 622; Wheeler, W.M. 1910g: 569; Wheeler, W.M. 1916m: 591; Wheeler, W.M. 1917i: 462; Smith, M.R. 1930a: 5; Wheeler, W.M. 1932a: 13; Dennis, 1938: 294; Wing, 1939: 163; Wesson, L.G. & Wesson, R.G. 1940: 100.

Status as species: Santschi, 1923b: 663; Emery, 1925b: 42; Buren, 1944a: 292; Creighton, 1950a: 359; Smith, M.R. 1951a: 839; Cole, 1953h: 266; Cole, 1954f: 271; Smith, M.R. 1958c: 141; Carter, 1962a: 7 (in list); Smith, M.R. 1967: 366; Hunt & Snelling, 1975: 22; Francoeur, 1977b: 207; Yensen, *et al.* 1977: 183; Smith, D.R. 1979: 1424; Snelling, R.R. & George, 1979: 177; Allred, 1982: 454; Wheeler, G.C. & Wheeler, J. 1986g: 59; DuBois & LaBerge, 1988: 145; Mackay, Lowrie, *et al.* 1988: 104; Deyrup, *et al.* 1989: 99; Blacker, 1992: 9; Wheeler, G.C., *et al.* 1994: 305; Bolton, 1995b: 82; Mackay & Mackay, 2002: 278; Deyrup, 2003: 44; Coover, 2005: 113; MacGown & Forster, 2005: 64; Ward, 2005: 28; Ellison, *et al.* 2012: 110; Deyrup, 2017: 180; Ortiz-Sepúlveda, *et al.* 2019: 491.

Senior synonym of *flavescens*: Cole, 1953h: 266; Smith, M.R. 1958c: 141; Smith, D.R. 1979: 1424; Snelling, R.R. & George, 1979: 177; Bolton, 1995b: 82; Ortiz-Sepúlveda, *et al.* 2019: 492.

Senior synonym of *nanellus*: Creighton, 1950a: 359; Smith, M.R. 1958c: 141; Smith, D.R. 1979: 1424; Snelling, R.R. & George, 1979: 177; Bolton, 1995b: 82; Ortiz-Sepúlveda, *et al.* 2019: 492.

distincta. *Brachymyrmex cordemoyi* var. *distincta* Santschi, 1923b: 658, figs. 6, 50, 59 (w.q.) ARGENTINA (Santa Cruz, San Juan; “Delta del Paraná”).

Subspecies of *cordemoyi*: Emery, 1925b: 41; Kempf, 1972a: 38; Bolton, 1995b: 82.

Junior synonym of *cordemoyi*: Ortiz-Sepúlveda, *et al.* 2019: 484.

donisthorpei. *Brachymyrmex donisthorpei* Santschi, 1939e: 320, figs. 4, 5 (w.) COLOMBIA.

Status as species: Kempf, 1972a: 39; Bolton, 1995b: 82; Fernández & Ortiz-Sepúlveda, 2019: 728; Ortiz-Sepúlveda, *et al.* 2019: 494 (redescription).

fallax. *Brachymyrmex heeri* var. *fallax* Santschi, 1923b: 665, fig. 29 (w.) PARAGUAY.

Santschi, 1925e: 168 (q.).

Subspecies of *heeri*: Emery, 1925b: 42; Santschi, 1925e: 167; Kempf, 1972a: 39; Bolton, 1995b: 82.

Junior synonym of *aphidicola*: Wild, 2007b: 43; Ortiz-Sepúlveda, *et al.* 2019: 464.

feitosai. *Brachymyrmex feitosai* Ortiz, C.M. & Fernández, 2014: 27, figs. 25-28 (w.) BRAZIL (Rio de Janeiro, Minas Gerais, São Paulo).

Status as species: Ortiz-Sepúlveda, *et al.* 2019: 495.

fiebrigi. *Brachymyrmex fiebrigi* Forel, 1908c: 400 (w.) PARAGUAY.

Santschi, 1922d: 260 (q.m.).

Status as species: Santschi, 1922d: 260; Santschi, 1923b: 661; Emery, 1925b: 42; Santschi, 1933e: 122; Kempf, 1961b: 522; Kempf, 1972a: 39; Bolton, 1995b: 82; Wild, 2007b: 27; Ortiz-Sepúlveda, *et al.* 2019: 496.

Senior synonym of *fumidus*: Ortiz-Sepúlveda, *et al.* 2019: 496.

- Senior synonym of *funicularis*:** Ortiz-Sepúlveda, *et al.* 2019: 496.
- flavescens*. *Brachymyrmex depilis* subsp. *flavescens* Grundmann, 1952: 117 (w.) U.S.A. (Utah).
Junior synonym of *depilis*: Cole, 1953h: 266; Smith, M.R. 1958c: 141; Smith, D.R. 1979: 1424; Snelling, R.R. & George, 1979: 177; Bolton, 1995b: 82; Ortiz-Sepúlveda, *et al.* 2019: 492.
- flavidulus***. *Plagiolepis flavidula* Roger, 1863a: 162 (w.) CUBA.
Combination in *Brachymyrmex*: Smith, M.R. 1955b: 99.
Synonym of *Plagiolepis alluaudi* Emery: Stärcke, 1926: 118 (error).
Status as species: Roger, 1863b: 11; Mayr, 1863: 442; André, 1882b: 208 (in key); Dalla Torre, 1893: 172; Saunders, E. 1896: 26; Wheeler, W.M. 1905b: 132; Wheeler, W.M. 1913b: 499; Emery, 1925b: 22; Smith, M.R. 1955b: 99; Kempf, 1972a: 39; Bolton, 1995b: 82; Fernández & Ortiz-Sepúlveda, 2019: 728; Ortiz-Sepúlveda, *et al.* 2019: 498 (redescription).
- fumidus*. *Brachymyrmex fiebrigi* var. *fumida* Santschi, 1923b: 661 (w.) ARGENTINA (Buenos Aires, Córdoba).
Subspecies of *fiebrigi*: Emery, 1925b: 42; Kempf, 1972a: 39; Bolton, 1995b: 82.
Junior synonym of *fiebrigi*: Ortiz-Sepúlveda, *et al.* 2019: 496.
- funicularis*. *Brachymyrmex fiebrigi* var. *funicularis* Santschi, 1922d: 260 (w.) ARGENTINA (Córdoba).
Subspecies of *fiebrigi*: Emery, 1925b: 42; Kempf, 1972a: 39; Bolton, 1995b: 82.
Junior synonym of *fiebrigi*: Ortiz-Sepúlveda, *et al.* 2019: 496.
- fuscata*. *Brachymyrmex levis* var. *fuscata* Emery, 1906c: 178 (w.q.) ARGENTINA (Mendoza).
Subspecies of *laevis*: Bruch, 1914: 227; Santschi, 1916b: 512; Santschi, 1923b: 659; Emery, 1925b: 42; Kempf, 1972a: 40; Bolton, 1995b: 82.
Junior synonym of *cordemoyi*: Ortiz-Sepúlveda, *et al.* 2019: 483.
- gagates***. *Brachymyrmex gagates* Wheeler, W.M. 1934g: 206 (w.) MEXICO (Veracruz).
Status as species: Kempf, 1972a: 39; Bolton, 1995b: 82; Ortiz-Sepúlveda, *et al.* 2019: 499 (redescription).
- gaucho***. *Brachymyrmex gaucho* Santschi, 1917f: 283 (w.) ARGENTINA (Córdoba).
Combination in *Brachymyrmex* (*Brysha*): Santschi, 1923b: 674.
Status as species: Santschi, 1923b: 674; Emery, 1925b: 44; Kempf, 1972a: 41; Bolton, 1995b: 82; Quirán, 2005: 767 (redescription); Ortiz-Sepúlveda, *et al.* 2019: 500 (redescription).
- giardi***. *Brachymyrmex giardi* Emery, 1895d: 215 (w.q.) CHILE.
Emery, 1906c: 178 (m.); Ortiz-Sepúlveda, *et al.* 2019: 502 (w.-q. intercaste).
Status as species: Emery, 1895i: 16; Emery, 1906c: 178; Santschi, 1923b: 663; Emery, 1925b: 42; Goetsch, 1933: 29; Goetsch & Menozzi, 1935: 100; Menozzi, 1935c: 324; Kempf, 1970a: 31; Kempf, 1972a: 39; Snelling, R.R. & Hunt, 1976: 114; Brandão, 1991: 332; Bolton, 1995b: 82; Ortiz-Sepúlveda, *et al.* 2019: 501 (redescription).
Senior synonym of *melensis*: Ortiz-Sepúlveda, *et al.* 2019: 501.
- goeldii*. *Brachymyrmex goeldii* Forel, 1912i: 65 (w.) BRAZIL (São Paulo).
Status as species: Luederwaldt, 1918: 48; Santschi, 1923b: 663; Emery, 1925b: 42; Borgmeier, 1927c: 141; Kempf, 1972a: 39; Bolton, 1995b: 82.
Junior synonym of *heeri*: Ortiz-Sepúlveda, *et al.* 2019: 503.
- heeri***. *Brachymyrmex heeri* Forel, 1874: 89, 91, figs. 16, 20 (w.) SWITZERLAND (hothouse in botanical garden, Zurich).
[Note: description repeated in Latin, p. 92.]

Forel, 1876: 52 (q.m.).

Status as species: Forel, 1876: 52; Emery, 1878b: 47; Emery & Forel, 1879: 466; Forel, 1881: 3; André, 1882b: 214 (in key); Mayr, 1886d: 431; Cresson, 1887: 257; Dalla Torre, 1893: 174; Forel, 1895b: 106; Forel, 1899c: 123; Wheeler, W.M. 1904e: 304; Wheeler, W.M. 1905b: 132; Wheeler, W.M. 1906e: 350; Forel, 1907e: 9; Wheeler, W.M. 1908a: 153; Wheeler, W.M. 1911a: 29; Forel, 1912i: 62; Wheeler, W.M. & Mann, 1914: 44; Forel, 1915d: 49 (in key); Wheeler, W.M. 1916m: 591; Mann, 1920: 431; Wheeler, W.M. 1921f: 166; Wheeler, W.M. 1922c: 15; Wheeler, W.M. 1923c: 5; Santschi, 1923b: 664; Emery, 1925b: 42; Stärcke, 1926: 118 (in key); Borgmeier, 1927c: 141; Menozzi, 1927c: 268; Menozzi & Russo, 1930: 166; Menozzi, 1931b: 274; Aguayo, 1932: 224; Santschi, 1933e: 122; Eidmann, 1936b: 92; Smith, M.R. 1937: 866; Santschi, 1939e: 319; Wheeler, W.M. 1942: 253; Kusnezov, 1953b: 339; Kempf, 1961b: 522; Bernard, 1967: 280 (redescription); Kempf, 1970b: 340; Kempf, 1972a: 39; Alayo, 1974: 26 (in key); Bolton, 1995b: 82; Wetterer & Wetterer, 2004: 215; Wild, 2007b: 27; Branstetter & Sáenz, 2012: 255; Borowiec, L. 2014: 24 (see note in bibliography); Radchenko, 2016: 348; Fernández & Ortiz-Sepúlveda, 2019: 728; Lubertazzi, 2019: 78; Ortiz-Sepúlveda, *et al.* 2019: 503 (redescription).

Senior synonym of *cordobensis*: Ortiz-Sepúlveda, *et al.* 2019: 503.

Senior synonym of *goeldii*: Ortiz-Sepúlveda, *et al.* 2019: 503.

Senior synonym of *physogaster*: Ortiz-Sepúlveda, *et al.* 2019: 503.

hemiops. *Brachymyrmex longicornis* var. *hemiops* Santschi, 1923b: 668, fig. 20 (w.) BRAZIL (São Paulo).

Subspecies of *longicornis*: Emery, 1925b: 43; Borgmeier, 1927c: 142; Kempf, 1972a: 40; Bolton, 1995b: 82.

Junior synonym of *aphidicola*: Ortiz-Sepúlveda, *et al.* 2019: 464.

immunis. *Brachymyrmex longicornis* var. *immunis* Forel, 1908c: 400 (w.q.m.) BRAZIL (São Paulo).

Subspecies of *longicornis*: Forel, 1909a: 263; Forel, 1911c: 308; Santschi, 1912e: 533; Bruch, 1915: 534; Luederwaldt, 1918: 48; Santschi, 1923b: 668; Emery, 1925b: 43; Borgmeier, 1927c: 142; Kempf, 1972a: 40; Zolessi, *et al.* 1988: 6; Bolton, 1995b: 82.

Junior synonym of *admotus*: Ortiz-Sepúlveda, *et al.* 2019: 461.

incisus. *Brachymyrmex incisus* Forel, 1912i: 63 (w.m.) COLOMBIA, BRAZIL (Bahia).

Status as species: Santschi, 1923b: 672; Emery, 1925b: 42; Borgmeier, 1927c: 141; Kempf, 1972a: 39; Bolton, 1995b: 82.

Junior synonym of *degener*: Ortiz-Sepúlveda, *et al.* 2019: 488.

iridescens. *Brachymyrmex iridescens* Ortiz-Sepúlveda, *et al.* 2019: 507, fig. 37 (supplementary material fig. S25) (w.) BRAZIL (Santa Catarina, Paraná), ARGENTINA (Misiones).

laevis. *Brachymyrmex laevis* Emery, 1895d: 216 (w.) CHILE.

[Misspelled as *levis* by Emery, 1906c: 178, Santschi, 1923b: 659, and others.]

Emery, 1895i: 16 (q.m.); Emery, 1906c: 178 (q.m.).

Status as species: Emery, 1895i: 16; Emery, 1906c: 178; Forel, 1908c: 400; Forel, 1912i: 62; Santschi, 1923b: 659; Emery, 1925b: 42; Goetsch, 1933: 29; Goetsch & Menozzi, 1935: 100; Menozzi, 1935c: 324; Kempf, 1970a: 31; Kempf, 1972a: 39; Snelling, R.R. & Hunt, 1976: 114; Bolton, 1995b: 82.

Junior synonym of *patagonicus*: Ortiz-Sepúlveda, *et al.* 2019: 521.

levis, misspelling, see under *laevis*.

- longicornis*. *Brachymyrmex longicornis* Forel, 1907e: 9 (w.) BRAZIL (Rio Grande do Sul).
Forel, 1912i: 62 (q.).
Status as species: Forel, 1908b: 64; Forel, 1912i: 62; Forel, 1913l: 245; Forel, 1914d: 288; Bruch, 1914: 227; Forel, 1915c: 361; Bruch, 1916: 348; Santschi, 1923b: 667; Emery, 1925b: 42; Borgmeier, 1927c: 142; Kusnezov, 1953b: 339; Kempf, 1972a: 40; Bolton, 1995b: 82.
Junior synonym of *australis*: Ortiz-Sepúlveda, *et al.* 2019: 468.
- luederwaldti*. *Brachymyrmex luederwaldti* Santschi, 1923b: 672, figs. 36, 66 (w.) BRAZIL (São Paulo).
[Misspelled as *leuderwaldti* by Wild, 2007b: 27.]
Status as species: Emery, 1925b: 43; Borgmeier, 1927c: 142; Kempf, 1972a: 40; Bolton, 1995b: 82; Wild, 2007b: 27.
Junior synonym of *degener*: Ortiz-Sepúlveda, *et al.* 2019: 488.
- melensis*. *Brachymyrmex melensis* Zolessi, Abenante & Gonzalez, 1978: 26, figs. 3-22 (w.q.l.) URUGUAY.
Status as species: Zolessi, *et al.* 1988: 6; Brandão, 1991: 331; Bolton, 1995b: 82.
Junior synonym of *giardi*: Ortiz-Sepúlveda, *et al.* 2019: 501.
- micromegas***. *Brachymyrmex (Brysha) micromegas* Emery, in Santschi, 1923b: 675, figs. 30, 32 (w.) BRAZIL (São Paulo).
Status as species: Luederwaldt, 1918: 48; Emery, 1925b: 44; Borgmeier, 1927c: 142; Kempf, 1972a: 41; Bolton, 1995b: 82; Ortiz, C.M. & Fernández, 2014: 16 (redescription); Ortiz-Sepúlveda, *et al.* 2019: 508 (redescription).
- minutus***. *Brachymyrmex minutus* Forel, 1893g: 346 (w.q.) ST VINCENT & THE GRENADINES (St Vincent I.), VIRGIN IS (St Thomas I.).
Status as species: Wheeler, W.M. 1905b: 111, 132; Forel, 1912i: 62; Wheeler, W.M. 1922c: 15; Santschi, 1923b: 667; Emery, 1925b: 43; Stärcke, 1926: 118 (in key); Aguayo, 1932: 224; Smith, M.R. 1954c: 11; Kempf, 1972a: 40; Alayo, 1974: 26 (in key); Bolton, 1995b: 82; Deyrup, *et al.* 2000: 301; Deyrup, 2003: 44; Deyrup, 2017: 181; Fernández & Ortiz-Sepúlveda, 2019: 728; Ortiz-Sepúlveda, *et al.* 2019: 509 (redescription).
- modestus***. *Brachymyrmex modestus* Santschi, 1923c: 271 (w.) BRAZIL (Santa Catarina).
Status as species: Emery, 1925b: 43; Borgmeier, 1927c: 142; Kempf, 1972a: 40; Bolton, 1995b: 82; Fernández & Ortiz-Sepúlveda, 2019: 728; Ortiz-Sepúlveda, *et al.* 2019: 512 (redescription).
- musculus***. *Brachymyrmex tristis* r. *musculus* Forel, 1899c: 124 (w.) COSTA RICA.
Forel, 1901c: 135 (q.).
Status as species: Forel, 1901c: 135; Santschi, 1923b: 673; Emery, 1925b: 43; Menozzi, 1927c: 268; Kempf, 1972a: 40; Bolton, 1995b: 82; Deyrup, *et al.* 2000: 301; Deyrup, 2003: 44; MacGown & Forster, 2005: 65; Fernández & Ortiz-Sepúlveda, 2019: 728; Ortiz-Sepúlveda, *et al.* 2019: 514 (redescription).
- myops***. *Brachymyrmex myops* Emery, 1906c: 182 (footnote), fig. 42 (w.m.) BRAZIL (Santa Catarina).
Status as species: Santschi, 1923b: 663; Emery, 1925b: 43; Borgmeier, 1927c: 142; Kempf, 1972a: 40; Bolton, 1995b: 82; Bezděčková, *et al.* 2015: 111; Fernández & Ortiz-Sepúlveda, 2019: 729; Ortiz-Sepúlveda, *et al.* 2019: 515 (redescription).
- nanellus*. *Brachymyrmex nanellus* Wheeler, W.M. 1903b: 102, fig. 7b (w.m.) U.S.A. (Texas).

- Status as species: Wheeler, W.M. 1910g: 569; Santschi, 1923b: 664; Emery, 1925b: 43; Smith, M.R. 1927: 313; Smith, M.R. 1951a: 839.
Junior synonym of *depilis*: Creighton, 1950a: 359; Smith, M.R. 1958c: 141; Smith, D.R. 1979: 1424; Snelling, R.R. & George, 1979: 177; Bolton, 1995b: 82; Ortiz-Sepúlveda, *et al.* 2019: 492.
- nebulosus**. *Brachymyrmex nebulosus* LaPolla & Longino, 2006: 299, fig. 1 (w.) COSTA RICA.
Status as species: Ortiz-Sepúlveda, *et al.* 2019: 517.
- nictitans*. *Brachymyrmex coactus* var. *nictitans* Emery, 1906c: 178 (w.) COSTA RICA.
Subspecies of *coactus*: Santschi, 1923b: 670; Emery, 1925b: 41; Kempf, 1972a: 38; Bolton, 1995b: 82.
Junior synonym of *coactus*: Ortiz-Sepúlveda, *et al.* 2019: 480.
- niger*. *Brachymyrmex admotus* r. *niger* Forel, 1912i: 62 (w.) BRAZIL (Ceará).
[*Brachymyrmex admotus* r. *niger* Forel, 1908e: 63. *Nomen nudum.*]
Subspecies of *degener*: Santschi, 1923b: 671; Emery, 1925b: 42; Borgmeier, 1927c: 141; Kempf, 1972a: 38; Bolton, 1995b: 82.
Junior synonym of *degener*: Ortiz-Sepúlveda, *et al.* 2019: 488.
- nigricans*. *Brachymyrmex cordemoyi* var. *nigricans* Santschi, 1916e: 395.
[First available use of *Brachymyrmex patagonicus* st. *cordemoyi* var. *nigricans* Santschi, 1912e: 533 (w.) ARGENTINA (Buenos Aires); unavailable (infrasubspecific) name.]
As unavailable (infrasubspecific) name: Bruch, 1915: 535.
Status as species: Santschi, 1923b: 657; Emery, 1925b: 43; Santschi, 1931e: 281; Kempf, 1972a: 40.
Synonym of *brevicornoeides*: Santschi, 1923b: 657; Kempf, 1972a: 40.
[Note: Santschi, and Kempf, give *nigricans* as senior synonym, but *brevicornoeides* has priority (Bolton, 1995b: 81).]
Junior synonym of *brevicornoeides*: Bolton, 1995b: 82.
Junior synonym of *cordemoyi*: Ortiz-Sepúlveda, *et al.* 2019: 484.
- nitida*. *Brachymyrmex giardi* var. *nitida* Santschi, 1922d: 261 (w.) CHILE.
Subspecies of *giardi*: Emery, 1925b: 42; Goetsch & Menozzi, 1935: 100; Kempf, 1970a: 31; Kempf, 1972a: 39.
Junior synonym of *giardi*: Snelling & Hunt, 1976: 114; Brandão, 1991: 332; Bolton, 1995b: 82.
Junior synonym of *bruchi*: Ortiz-Sepúlveda, *et al.* 2019: 476.
- obscurior**. *Brachymyrmex heeri* var. *obscurior* Forel, 1893g: 345 (w.q.m.) ST VINCENT & THE GRENADINES (St Vincent I.).
Subspecies of heeri: Forel, 1897b: 298; Forel, 1899c: 123; Wheeler, W.M. 1905b: 111, 132; Forel, 1905b: 160; Wheeler, W.M. 1906e: 350; Wheeler, W.M. 1908a: 153; Wheeler, W.M. 1911a: 29; Forel, 1912i: 62; Wheeler, W.M. 1917g: 462; Mann, 1920: 431; Wheeler, W.M. 1923c: 5; Santschi, 1923b: 666; Emery, 1925b: 42; Stärcke, 1926: 118 (in key); Menozzi, 1929a: 3; Menozzi & Russo, 1930: 166; Smith, M.R. 1937: 866; Wheeler, W.M. 1942: 253; Smith, M.R. 1951a: 839; Smith, M.R. 1954c: 11; Kempf, 1972a: 39; Alayo, 1974: 43; Deyrup, 2017: 181.
Status as species: Brown, 1957e: 237; Smith, M.R. 1967: 366; Wilson & Taylor, 1967: 92; Taylor, 1976a: 88; Smith, D.R. 1979: 1424; Deyrup, *et al.* 1989: 99; Brandão, 1991: 331; Dlussky, 1994: 55; Bolton, 1995b: 82; Deyrup, 2003: 44; Wetterer & Vargo, 2003: 417; Wetterer & Wetterer, 2004: 215; Clouse, 2007b: 210; Branstetter & Sáenz, 2012:

255; Sarnat, *et al.* 2013: 69; Fernández & Ortiz-Sepúlveda, 2019: 729; Lubertazzi, 2019: 78; Ortiz-Sepúlveda, *et al.* 2019: 518 (redescription).

oculatus. *Brachymyrmex oculatus* Santschi, 1919f: 55 (w.) ARGENTINA (Buenos Aires). Quirán, *et al.* 2004: 283 (m.).

Status as species: Santschi, 1923b: 660; Emery, 1925b: 43; Kempf, 1972a: 40; Bolton, 1995b: 82; Quirán, *et al.* 2004: 282 (redescription); Ortiz-Sepúlveda, *et al.* 2019: 520 (redescription).

patagonicus. *Brachymyrmex patagonicus* Mayr, 1868a: 164 (w.m.) ARGENTINA (Buenos Aires).

Emery, 1906c: 179 (q.); Quirán, *et al.* 2004: 277 (q.m.).

Status as species: Mayr, 1884: 39; Emery, 1888c: 364; Emery, 1888e: 690; Dalla Torre, 1893: 174; von Jhering, 1894: 377; Forel, 1895b: 107; Emery, 1906c: 178; Forel, 1906d: 249; Forel, 1907e: 9; Forel, 1908c: 399; Forel, 1908e: 63; Forel, 1909a: 263; Forel, 1912i: 61; Forel, 1913l: 245; Bruch, 1914: 227; Gallardo, 1915: 28; Donisthorpe, 1915d: 344; Wheeler, W.M. 1916c: 13; Wasmann, 1918a: 75; Luederwaldt, 1918: 48; Gallardo, 1919b: 254; Wheeler, W.M. 1923a: 4; Santschi, 1923b: 657; Emery, 1925b: 43; Stärcke, 1926: 118 (in key); Borgmeier, 1927c: 142; Donisthorpe, 1927b: 397; Santschi, 1936d: 420; Kusnezov, 1953a: 111 (in key); Kusnezov, 1960b: 376; Kempf, 1961b: 521; Kempf, 1972a: 40; Bolton, 1995b: 82; Quirán, *et al.* 2004: 275 (redescription); Wild, 2007b: 27; Deyrup, 2017: 182; Fernández & Ortiz-Sepúlveda, 2019: 729; Ortiz-Sepúlveda, *et al.* 2019: 521 (redescription).

Senior synonym of atratula: Quirán, *et al.* 2004: 275; Ortiz-Sepúlveda, *et al.* 2019: 521.

Senior synonym of laevis: Ortiz-Sepúlveda, *et al.* 2019: 521.

physogaster. *Brachymyrmex physogaster* Kusnezov, 1960c: 382, figs. 1-4 (w.) ARGENTINA (Salta).

Status as species: Bolton, 1995b: 82.

Junior synonym of *heeri*: Ortiz-Sepúlveda, *et al.* 2019: 503.

pictus. *Brachymyrmex pictus* Mayr, 1887: 522 (w.q.) BRAZIL (Santa Catarina).

Status as species: Dalla Torre, 1893: 174; Forel, 1895b: 107; Mann, 1916: 473; Santschi, 1923b: 662; Emery, 1925b: 43; Borgmeier, 1927c: 142; Wheeler, W.M. 1942: 253; Kempf, 1972a: 41; Bolton, 1995b: 82; Fernández & Ortiz-Sepúlveda, 2019: 729; Ortiz-Sepúlveda, *et al.* 2019: 525 (redescription).

Senior synonym of balboae: Ortiz-Sepúlveda, *et al.* 2019: 525.

Senior synonym of basalis: Ortiz-Sepúlveda, *et al.* 2019: 525.

pilipes. *Brachymyrmex pilipes* Mayr, 1887: 524 (q.m.) BRAZIL (Santa Catarina).

Santschi, 1929d: 310 (w.).

Combination in *Brachymyrmex* (*Bryscha*): Santschi, 1923b: 674.

Status as species: Dalla Torre, 1893: 174; Forel, 1895b: 107; Santschi, 1923b: 674; Emery, 1925b: 44; Borgmeier, 1927c: 142; Santschi, 1929d: 310; Kempf, 1972a: 41; Bolton, 1995b: 82; Ortiz, C.M. & Fernández, 2014: 19 (redescription); Ortiz-Sepúlveda, *et al.* 2019: 527 (redescription).

pullus. *Brachymyrmex longicornis* var. *pullus* Santschi, 1933e: 122 (w.) ARGENTINA (Misiones).

Subspecies of *longicornis*: Kempf, 1972a: 40; Bolton, 1995b: 82.

Unidentifiable taxon; *incertae sedis* in *Brachymyrmex*: Ortiz-Sepúlveda, *et al.* 2019: 533.

[Note: Ortiz-Sepúlveda, *et al.* 2019: 533, record that the holotype of *pullus* (the only known specimen) has been destroyed in the past, and its original description is inadequate.]

- robusta*. *Brachymyrmex coactus* var. *robusta* Santschi, 1923c: 272 (w.) BRAZIL (Santa Catarina).
Subspecies of *coactus*: Emery, 1925b: 41; Borgmeier, 1927c: 141; Kempf, 1972a: 38; Bolton, 1995b: 82.
Junior synonym of *coactus*: Ortiz-Sepúlveda, *et al.* 2019: 481.
- rufipes*. *Brachymyrmex bruchi* var. *rufipes* Forel, 1912i: 65 (w.) ARGENTINA (Catamarca).
Subspecies of *bruchi*: Bruch, 1914: 227; Santschi, 1916b: 512; Santschi, 1923b: 660; Emery, 1925b: 41; Santschi, 1933e: 122; Kempf, 1972a: 38; Bolton, 1995b: 82.
Junior synonym of *bruchi*: Quirán, *et al.* 2004: 279; Ortiz-Sepúlveda, *et al.* 2019: 476.
- santschii**. *Brachymyrmex santschii* Menozzi, 1927d: 338, fig. 5 (w.) COSTA RICA.
Ortiz-Sepúlveda, *et al.* 2019: 529 (w.-q. intercaste)
Status as species: Kempf, 1972a: 41; Bolton, 1995b: 82; Ortiz-Sepúlveda, *et al.* 2019: 527 (redescription).
- sosai**. *Brachymyrmex sosai* Ortiz-Sepúlveda, *et al.* 2019: 529, fig. 51 (supplementary material fig. S37) (w.q.) PERU, BOLIVIA.
- termitophilus**. *Brachymyrmex heeri* var. *termitophilus* Forel, 1895j: 179 (w.) BRAZIL (Rio Grande do Sul).
Subspecies of heeri: Forel, 1911e: 285; Santschi, 1923b: 666; Emery, 1925b: 42; Borgmeier, 1927c: 141; Santschi, 1936d: 420; Kempf, 1972a: 39; Bolton, 1995b: 82.
Status as species: Wild, 2007b: 27, 44; Fernández & Ortiz-Sepúlveda, 2019: 729; Ortiz-Sepúlveda, *et al.* 2019: 530 (redescription).
- tristis**. *Brachymyrmex tristis* Mayr, 1870a: 389 (w.) COLOMBIA (“New Granada”).
Status as species: Dalla Torre, 1893: 174; Forel, 1899c: 123; Santschi, 1923b: 673; Emery, 1925b: 43; Kempf, 1970b: 340; Kempf, 1972a: 41; Bolton, 1995b: 82; Fernández & Ortiz-Sepúlveda, 2019: 729; Ortiz-Sepúlveda, *et al.* 2019: 532 (redescription).