

### **Recent revisions of the *Tetramorium* host species of *Anergates* and *Teleutomyrmex*.**

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Wagner, H. C., Arthofer, W., Seifert, B., Muster, C., Steiner, F. M., Schlick-Steiner, B. C., 2017, "Light at the end of the tunnel: Integrative taxonomy delimits cryptic species in the *Tetramorium caespitum* complex (Hymenoptera: Formicidae)." *Myrmecological News*, vol. 25, p. 95–129 (+ 6 supporting files.).

3 references.

### **The original references for *Tetramorium* and *Strongylognathus*.**

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Casadei Ferreira, A., Martins, M. F. O., Feitosa, R. M., 2016, "Rediscovery of the morphologically remarkable social parasite *Pheidole acutidens* (Santschi, 1922), with the first records for Brazil." Sociobiology, vol. 63, no. 4, p. 1069-1072.

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8 references.

## The types of the inquilines.

### The genera (from AntWiki.org.).

*Teleutomyrmex* Kutter, 1950

*Teleutomyrmex* [junior synonym of *Tetramorium*]

- *Teleutomyrmex* Kutter, 1950: 82. Type-species: *Teleutomyrmex schneideri*, by original designation.
- *Teleutomyrmex* junior synonym of *Tetramorium*: Ward et al., 2015: 76.

*Tetramorium* Mayr, 1855

*Tetramorium* [Myrmicinae: Tetramoriini].

- *Tetramorium* Mayr, 1855: 423. Type-species: *Formica caespitum*, by subsequent designation of Girard, 1879: 1016.

*Strongylognathus* Mayr, 1853

*Strongylognathus* [Myrmicinae: Tetramoriini].

- *Strongylognathus* Mayr, 1853: 389. Type-species: *Eciton testaceum*, by monotypy.
- Replacement name for *Myrmus* Schenck, 1853: 188.
- [Junior homonym of *Myrmus* Hahn, 1832: 81 (Hemiptera).].

*Myrmus* [junior homonym, see *Strongylognathus*].

- *Myrmus* Schenck, 1853: 188. Type-species: *Myrmus emarginatus* (junior synonym of *Eciton testaceum*), by monotypy.
- [Junior homonym of *Myrmus* Hahn, 1832: 81 (Hemiptera).].
- *Strongylognathus* Mayr, 1853: 389, replacement name for *Myrmus* Schenck.

*Myrmus* Schenck, 1853

*Myrmus* [junior homonym, see *Strongylognathus*].

- *Myrmus* Schenck, 1853: 188. Type-species: *Myrmus emarginatus* (junior synonym of *Eciton testaceum*), by monotypy.
- [Junior homonym of *Myrmus* Hahn, 1832: 81 (Hemiptera).].
- *Strongylognathus* Mayr, 1853: 389, replacement name for *Myrmus* Schenck.

*Myrmica* Latreille, 1804

*Myrmica* [Myrmicinae: Myrmicini]

- *Myrmica* Latreille, 1804: 179. Type-species: *Formica rubra*, by subsequent designation of Latreille, 1810: 437; see also Yarrow, 1955: 113.

*Tomognathus* Mayr, 1861

*Tomognathus* [junior homonym, see *Harpagoxenus*]

- *Tomognathus* Mayr, 1861: 56. Type-species: *Myrmica sublaevis*, by monotypy.
- [Junior homonym of *Tomognathus* Agassiz, 1850: 376 (Pisces).]
- *Harpagoxenus* Forel, 1893: 167, replacement name for *Tomognathus* Mayr.

*Harpagoxenus* Forel, 1893

*Harpagoxenus* [Myrmicinae: Formicoxenini]

- *Harpagoxenus* Forel, 1893: 167. Replacement name for *Tomognathus* Mayr, 1861: 56.
- [Junior homonym of *Tomognathus* Agassiz, 1850: 376 (Pisces).]
- *Harpagoxenus* Forel, 1893: 167, replacement name for *Tomognathus* Mayr.

*Tomognathus* [junior homonym, see *Harpagoxenus*]

- *Tomognathus* Mayr, 1861: 56. Type-species: *Myrmica sublaevis*, by monotypy.
- [Junior homonym of *Tomognathus* Agassiz, 1850: 376 (Pisces).]
- *Harpagoxenus* Forel, 1893: 167, replacement name for *Tomognathus* Mayr.

*Anergates* Forel, 1874

*Anergates* [junior synonym of *Tetramorium*]

- *Anergates* Forel, 1874: 67 (see also p. 93). Type-species: *Myrmica atratula*, by monotypy.
- *Anergates* junior synonym of *Tetramorium*: Ward et al., 2015: 76.

*Pheidole* Westwood, 1839

*Pheidole* [Myrmicinae: Pheidolini]

- *Pheidole* Westwood, 1839: 219. Type-species: *Atta providens*, by monotypy.

*Anergatides* Wasmann, 1915

*Anergatides* [junior synonym of *Pheidole*]

- *Anergatides* Wasmann, 1915: 281. Type-species: *Anergatides kohli* (junior secondary homonym in *Pheidole*, replaced by *Pheidole neokohli*), by monotypy.
- *Anergatides* junior synonym of *Pheidole*: Smith, 1979: 1366; Wilson, 1984: 328.

*Bruchomyrma* Santschi, 1922

*Bruchomyrma* [junior synonym of *Pheidole*]

- *Bruchomyrma* Santschi, 1922: 248. Type-species: *Bruchomyrma acutidens*, by monotypy.
- *Bruchomyrma* junior synonym of *Pheidole*: Smith, 1979: 1366; Wilson, 1984: 327.
- [*Bruchomyrma* listed as genus: Dlussky & Fedoseeva, 1988: 80 (anachronism)].
- *Bruchomyrma* junior synonym of *Pheidole*: Bolton, 1994: 106; Wilson, 2003: 6.

*Gallardomyrma* Bruch, 1932

*Gallardomyrma* [junior synonym of *Pheidole*]

- *Gallardomyrma* Bruch, 1932: 271. Type-species: *Gallardomyrma argentina*, by original designation.
- *Gallardomyrma* junior synonym of *Pheidole*: Smith, 1979: 1366; Wilson, 1984: 327.
- [*Gallardomyrma* listed as genus: Dlussky & Fedoseeva, 1988: 80 (anachronism)].
- *Gallardomyrma* junior synonym of *Pheidole*: Bolton, 1994: 106; Wilson, 2003: 6.

*Eriopheidole* Kusnezov, 1952

*Eriopheidole* [junior synonym of *Pheidole*]

- *Eriopheidole* Kusnezov, 1952: 10. Type-species: *Eriopheidole symbiotica* (junior secondary homonym in *Pheidole*, replaced by *Pheidole kusnezovi*), by monotypy.
- *Eriopheidole* junior synonym of *Pheidole*: Smith, 1979: 1366; Bolton, 1994: 106.

### The species (from AntWiki.org.).

#### *Teleutomyrmex schneideri* Kutter, 1950

- *schneideri*. *Teleutomyrmex schneideri* Kutter, 1950: 82, figs. 1-23 (q.m.) SWITZERLAND.
- [Junior secondary homonym of *Tetramorium schneideri* Emery, 1898: 145.]
- Combination in *Tetramorium*: Ward et al., 2015: 76.

#### *Teleutomyrmex kutteri* Tinaut, 1990

- *kutteri*. *Teleutomyrmex kutteri* Tinaut, 1990: 202, figs. 1-3, photos. 1-2 (q.m.) SPAIN.
- [Junior secondary homonym of *Tetramorium semilaeve* André, 1883 var. *kutteri* Santschi, 1927: 57.]
- Combination in *Tetramorium*: Ward et al., 2015: 76.

#### *Teleutomyrmex seiferti* Kiran & Karaman, in Kiran, Karaman, Lapeva-Gjonova, Aksoy, 2017

- *seiferti*. *Teleutomyrmex seiferti* Kiran & Karaman, in Kiran, et al. 2017: 148, figs. 3a, 4a, 5a, 6-8 (q.m.) TURKEY.
- [Note: Kiran, et al. 2017: 146, retain the paraphyletic genus *Teleutomyrmex*.]

#### *Teleutomyrmex buschingeri* Lapeva-Gjonova, in Kiran, Karaman, Lapeva-Gjonova, Aksoy, 2017

- *buschingeri*. *Teleutomyrmex buschingeri* Lapeva-Gjonova, in Kiran, et al. 2017: 151, figs. 3b, 4b, 5b (q.) BULGARIA.
- [Note: Kiran, et al. 2017: 146, retain the paraphyletic genus *Teleutomyrmex*.]

#### *Myrmica atratula* Schenck, 1852

- *atratulum*. *Myrmica atratula* Schenck, 1852: 91 (q.m.) GERMANY.
- [Also described as new by Schenck, 1853: 186.]
- Wheeler, W.M. 1909: 182 (l.).
- Combination in *Tetramorium*: Mayr, 1855: 429.
- Combination in *Anergates*: Forel, 1874: 68 (see also p. 93).
- Combination in *Tetramorium*: Ward et al., 2015: 76.
- Senior synonym of *friedlandi*: Creighton, 1950: 243.
- See also: Donisthorpe, 1915: 89; Boven, 1977: 81; Wheeler, Wheeler, 1955: 128; Atanassov, Dlussky, 1992: 161.

#### *Anergates friedlandi* Creighton, 1934

- *friedlandi*. *Anergates friedlandi* Creighton, 1934: 193 (q.) U.S.A.
- Junior synonym of *atratulus*: Creighton, 1950: 243.

#### *Tetramorium microgyna* Santschi, 1918

- *microgyna*. *Tetramorium microgyna* Santschi, 1918: 132 (q., not w.) SOUTH AFRICA.
- See also: Arnold, 1926: 253; Santschi, 1928: 207; Bolton, 1980: 329.

#### *Tetramorium parasiticum* Bolton, 1980

- *parasiticum*. *Tetramorium parasiticum* Bolton, 1980: 281, figs. 65, 66 (q.) SOUTH AFRICA.

*Anergatides kohli* Wasmann, 1915

- *kohli*. *Anergatides kohli* Wasmann, 1915: 283, pls. 7, 8 (q.m.) DEMOCRATIC REPUBLIC OF CONGO.
- [Junior secondary homonym of *Pheidole kohli* Mayr, 1901: 11.]
- Replacement name: *Pheidole neokohli* Wilson, 1984: 328.
- Wheeler, Wheeler, 1955: 130 (l.).

*Bruchomyrma acutidens* Santschi, 1922

- *acutidens*. *Bruchomyrma acutidens* Santschi, 1922: 249, figs. A-D (q.) ARGENTINA.
- Bruch, 1931: 31 (m.).
- Combination in *Pheidole*: Wilson, 1984: 327.
- See also: Wheeler, 1937: 52; Wilson, 2003: 260.

*Gallardomyrma argentina* Bruch, 1932

- *argentina*. *Gallardomyrma argentina* Bruch, 1932: 273, figs. 1-8 (q.) ARGENTINA.
- Combination in *Pheidole*: Wilson, 1984: 327.
- See also: Wilson, 2003: 267.

*Pheidole parasitica* Wilson, 1984

- *parasitica*. *Pheidole parasitica* Wilson, 1984: 321, fig. 3 (q.) INDIA.

*Eriopheidole symbiotica* Kusnezov, 1952

- *symbiotica*. *Eriopheidole symbiotica* Kusnezov, 1952: 16, figs. 1-9 (q.m.) ARGENTINA.
- [Junior secondary homonym of *Pheidole symbiotica* Wasmann, 1909: 693.]
- Combination in *Pheidole*: Wilson, 1984: 328.
- Replacement name: *Pheidole kusnezovi* Wilson, 2003: 311.

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(A few remarks: Adlerz, G., 1913 is untraceable. Crawley, W. C., 1912, Gösswald, K., 1938, Gösswald, K., 1951, Janet, C., 1897 and Wasmann, E., 1908 are not sure so a few alternatives are also given.)

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