

BARRY BOLTON'S ANT CATALOGUE, 2020

**CENTROMYRMEX**

*alfaroi*. *Centromyrmex alfaroi* Emery, 1890b: 40 (w.) COSTA RICA.

Type-material: holotype worker.

Type-locality: Costa Rica: Alajuela (*A. Alfaro*).

Type-depository: MSNG.

[Also described as new by Emery, 1894k: 46.]

Emery, 1906c: 115 (q.).

**Status as species:** Dalla Torre, 1893: 15; Forel, 1899c: 2; Emery, 1906c: 115; Emery, 1911d: 57; Kempf, 1967b: 404 (redescription); Kempf, 1972a: 75; Bolton, 1995b: 139; Bolton & Fisher, 2008c: 25; Feitosa, 2015c: 98; Fernández & Guerrero, 2019: 518.

Distribution: Bolivia, Brazil, Costa Rica.

*angolensis*. *Centromyrmex constanciae* var. *angolensis* Santschi, 1937d: 214 (w.) ANGOLA.

Type-material: holotype worker.

Type-locality: Angola: Sangévé, 120 km. S. Nova Lisboa, i.-ii.1933 (*A. Monard*).

Type-depository: NHMB.

Bolton & Fisher, 2008c: 15 (q.m.).

**Subspecies of constanciae:** Bolton, 1995b: 140.

**Status as species:** Bolton & Fisher, 2008c: 15 (redescription).

Distribution: Angola, Cameroon, Central African Republic, Democratic Republic of Congo, Gabon, Ghana, Ivory Coast, Liberia

*arnoldi*. *Centromyrmex arnoldi* Santschi, 1919b: 229, figs. a-d (w.m.) MOZAMBIQUE.

Type-material: syntype workers and males (numbers not stated).

Type-locality: Mozambique ("Est-Africain portugais"): Amatongas Forest, ix.1917 (*G. Arnold*).

Type-depository: NHMB.

Subspecies of *constanciae*: Santschi, 1920b: 8; Wheeler, W.M. 1922a: 762.

Junior synonym of *constanciae*: Arnold, 1926: 199 (in text); Bolton, 1995b: 140.

Junior synonym of *sellaris*: Bolton & Fisher, 2008c: 22.

*bequaerti*. *Glyphopone bequaerti* Forel, 1913b: 308, fig. 1 (q.) DEMOCRATIC REPUBLIC OF CONGO.

Type-material: holotype queen.

Type-locality: Democratic Republic of Congo ("Congo belge"): Kasongo (*Pons*) = data on holotype label; Kibombo (*Bequaert*) = erroneously in text.

Type-depository: MHNG.

Wheeler, G.C. & Wheeler, J. 1976a: 48 (l.). Bolton & Fisher, 2008c: 11 (w.m.).

Combination in *Centromyrmex*: Brown, 1963: 10.

**Status as species:** Forel, 1913h: 347; Wheeler, W.M. 1922a: 766; Brown, 1963: 10; Bolton, 1995b: 140; Bolton, & Fisher, 2008c: 11 (redescription).

**Senior synonym of rufigaster:** Brown, 1963: 10; Bolton, 1995b: 140; Bolton & Fisher, 2008c: 11.

Distribution: Angola, Cameroon, Central African Republic, Democratic Republic of Congo, Gabon, Malawi, Zambia, Zimbabwe.

*bohemanni*. *Centromyrmex bohemanni* Mayr, 1866b: 895, pl. 20, fig. 7 (w.) BRAZIL (Rio de Janeiro).

Type-material: holotype worker.

Type-locality: Brazil: Rio de Janeiro (no collector's name).

Type-depository: NHRS.

**Status as species:** Dalla Torre, 1893: 15; Forel, 1895b: 111; Emery, 1911d: 58; Borgmeier, 1923: 62.

Junior synonym of *brachycola*: Kempf, 1967b: 405; Kempf, 1972a: 75; Bolton, 1995b: 140.

**brachycola**. *Ponera brachycola* Roger, 1861a: 5 (q.) BRAZIL (Minas Gerais).

Type-material: holotype queen.

Type-locality: Brazil: Minas Gerais (*H. Drewsen*).

Type-depository: unknown.

Emery, 1906c: 114 (w.).

Combination in *Pachycondyla*: Roger, 1863b: 18;

combination in *Centromyrmex*: Emery, 1890a: 74 (in text); Emery, 1890b: 40 (footnote).

**Status as species**: Roger, 1863b: 18; Mayr, 1863: 447; Dalla Torre, 1893: 15; Forel, 1895b: 111; Emery, 1906c: 114; Emery, 1911d: 58; Borgmeier, 1923: 62; Kempf, 1967b: 405 (redescription); Kempf, 1972a: 75; Bolton, 1995b: 140; Wild, 2007b: 38; Bolton & Fisher, 2008c: 25; Feitosa, 2015c: 98; Fernández & Guerrero, 2019: 518.

**Senior synonym of bohemanni**: Kempf, 1967b: 405; Kempf, 1972a: 75; Bolton, 1995b: 140.

**Senior synonym of paulina**: Kempf, 1967b: 405; Kempf, 1972a: 75; Bolton, 1995b: 140.

Distribution: Bolivia, Brazil.

**ceylonicus**. *Centromyrmex feae* var. *ceylonicus* Forel, 1900d: 303 (in text) (w.m.) SRI LANKA.

Type-material: syntype workers (number not stated), 1 syntype male.

Type-locality: Sri Lanka (“Ceylan”): (no further data) (*Yerbury*).

Type-depository: MHNG.

[Misspelled as *ceylonensis* by Forel, 1911i: 215.]

Forel, 1900d: 303 (m.).

**Subspecies of feae**: Forel, 1900d: 303; Bingham, 1903: 95; Emery, 1911d: 58; Forel, 1911i: 215; Forel, 1913e: 660; Forel, 1913k: 7; Chapman & Capco, 1951: 52; Bolton, 1995b: 140; Bolton & Fisher, 2008c: 25.

Distribution: Sri Lanka.

*congolensis*. *Centromyrmex congolensis* Weber, 1949b: 5, figs. 3, 4 (w.) DEMOCRATIC REPUBLIC OF CONGO.

Type-material: holotype worker.

Type-locality: Democratic Republic of Congo (“Belgian Congo”): Niangara, 1.iii.1948, just beneath soil surface under a thin cover of dead leaves (*N.A. Weber*).

Type-depository: AMNH (holotype lost, not in AMNH or MCZC).

Status as species: Bolton, 1995b: 140.

Junior synonym of *sellaris*: Bolton & Fisher, 2008c: 23.

*constanciae*. *Centromyrmex constanciae* Arnold, 1915: 38, pl. 2, fig. 14a-c (w.q.) ZIMBABWE.

Type-material: syntype workers (number not stated), 1 syntype queen.

Type-locality: Zimbabwe: Bulawayo, Bembesi, 24.iii.1913, under large stones (*G. Arnold*).

Type-depositories: BMNH, SAMC.

Arnold, 1926: 199 (m.).

Status as species: Wheeler, W.M. 1922a: 762; Arnold, 1926: 199; Santschi, 1930b: 59; Bolton, 1995b: 140.

Junior synonym of *sellaris*: Bolton & Fisher, 2008c: 22.

**decessor**. *Centromyrmex decessor* Bolton & Fisher, 2008c: 17, figs. 11, 12 (w.q.m.) GABON, CAMEROON, DEMOCRATIC REPUBLIC OF CONGO.

Type-material: holotype worker (top specimen of 3 on pin), 8 paratype workers.

Type-locality: holotype Gabon: Prov. Woleu-Ntem, 31.3 km. 108° ESE Minvoul, 2°04.8'N, 12°24.4'E, 600 m., 14.ii.1998, #1716-1, ex rotten log, rainforest (*B.L. Fisher*); paratypes: all with same data but , 4 coded #1716-1, 2 coded #1699-1, 1 coded #1719-1, 1 coded #1725-2.

Type-depository: CASC.

Distribution: Cameroon, Democratic Republic of Congo, Gabon.

*donisthorpei*. *Centromyrmex donisthorpei* Menozzi, 1925c: 443, fig. 4 (q.) PHILIPPINES (Mindanao I.).

Type-material: 2 syntype queens.

Type-localities: Philippines: Mindanao, Iligan (no. 19444) (C.F. Baker); Philippines: Mindanao, Kolambungan (C.F. Baker).

Type-depository: IEUB.

Status as species: Chapman & Capco, 1951: 52; Baltazar, 1966: 241.

Junior synonym of *feae*: Brown, 1955f: 103; Bolton, 1995b: 140; Zhou, 2001b: 28; Bolton & Fisher, 2008c: 25.

*ereptor*. *Centromyrmex ereptor* Bolton & Fisher, 2008c: 18, figs. 13, 14 (w.) CENTRAL AFRICAN REPUBLIC, GABON, DEMOCRATIC REPUBLIC OF CONGO.

Type-material: holotype worker.

Type-locality: Central African Republic: Res. Dzanga-Sangha, 12.7 km. 326° NW Bayanga, 3°00'N, 16°12'E, 420 m., 10-17.v.2001, #4083, CASENT 0081171, pitfall trap, rainforest (B.L. Fisher).

Type-depository: CASC.

Distribution: Central African Republic, Democratic Republic of Congo, Gabon.

*feae*. *Spalacomyrmex feae* Emery, 1889b: 491, pl. 10, figs. 11-15 (w.) MYANMAR.

Type-material: syntype workers (number not stated).

Type-locality: Myanmar ("Birmania"): Bhamo, Shwegoo, Prome, 1885-87 (L. Fea).

Type-depository: MSNG.

[Misspelled as *feai* by Emery, 1893f: 240.]

Forel, 1900d: 303 (q.); Wheeler, W.M. 1936d: 207 (m.); Wheeler, G.C. & Wheeler, J. 1952c: 604 (l.); Imai, *et al.* 1984: 5 (k.).

Combination in *Centromyrmex*: Emery, 1890b: 40 (footnote).

**Status as species:** Dalla Torre, 1893: 16; Emery, 1893f: 240; Emery, 1895k: 456; Forel, 1900d: 303; Bingham, 1903: 94; Emery, 1911d: 58; Wheeler, W.M. 1913e: 233; Forel, 1913f: 184; Forel, 1913k: 6; Wheeler, W.M. & Chapman, 1925: 61; Karavaiev, 1925a: 81; Wheeler, W.M. 1927h: 83; Wheeler, W.M. 1928c: 4; Wheeler, W.M. 1929g: 58; Wheeler, W.M. 1930h: 58; Wheeler, W.M. 1936d: 206; Chapman & Capco, 1951: 52; Baltazar, 1966: 241; Bolton, 1995b: 140; Tang, J., Li, *et al.* 1995: 33; Zhou, 2001b: 28; Lin & Wu, 2003: 67; Jaitrong & Nabhitabhata, 2005: 17; Bolton & Fisher, 2008c: 25; Terayama, 2009: 108; Zhou & Ran, 2010: 103; Guénard & Dunn, 2012: 58; Bharti, Guénard, *et al.* 2016: 49; Jaitrong, Guénard, *et al.* 2016: 40.

**Senior synonym of *donisthorpei*:** Brown, 1955f: 103; Bolton, 1995b: 140; Zhou, 2001b: 28; Bolton & Fisher, 2008c: 25.

Current subspecies: nominal plus *ceylonicus*, *greeni*.

Distribution (based on references, not on a revision): China, India, Indonesia (Java), Laos, Myanmar, Philippines (Basilan, Luzon, Mindanao), Singapore, Sri Lanka, Taiwan, Thailand, Vietnam.

*fugator*. *Centromyrmex fugator* Bolton & Fisher, 2008c: 18, figs. 15, 16 (w.q.) DEMOCRATIC REPUBLIC OF CONGO, SOUTH AFRICA.

Type-material: holotype worker, 1 paratype worker.

Type-locality: holotype Democratic Republic of Congo ("Zaire"): Kinshasa, 4.ii.1985 (A. Dejean); paratype with same data.

Type-depositories: BMNH (holotype), CASC (paratype).

Distribution: Democratic Republic of Congo, South Africa.

*gigas*. *Centromyrmex gigas* Forel, 1911c: 287 (w.) BRAZIL (São Paulo).

Type-material: syntype workers (number not stated).

Type-locality: Brazil: Prov. São Paulo, Ypiranga (*v. Ihering*).

Type-depositories: MHNG, DZSP.

Borgmeier, 1937b: 223 (q.).

**Status as species:** Luederwaldt, 1918: 35; Borgmeier, 1923: 63; Santschi, 1933e: 106; Borgmeier, 1937b: 223; Borgmeier, 1939: 418; Kempf, 1967b: 407 (redescription); Kempf, 1972a: 75; Bolton, 1995b: 140; Bolton & Fisher, 2008c: 26; Feitosa, 2015c: 98.

Distribution: Argentina, Brazil.

**greeni.** *Centromyrmex greeni* Forel, 1901f: 325 (w.) SINGAPORE.

Type-material: syntype workers (number not stated).

Type-locality: Singapore: (no further data) (*Haviland*).

Type-depository: MHNG.

**Subspecies of feae:** Emery, 1911d: 58; Bolton, 1995b: 140; Bolton & Fisher, 2008c: 25.

**guineensis.** *Centromyrmex arnoldi* r. *guineensis* Bernard, 1953b: 186, fig. 1d (w.) GUINEA.

Type-material: holotype worker.

Type-locality: Guinea: Mt Nimba, Nion, st. 22, 700 m., 15.iv.1942 (*Lamotte*).

Type-depository: MNHN.

**Subspecies of constanciae:** Bolton, 1995b: 140.

Junior synonym of *sellaris*: Bolton & Fisher, 2008c: 23.

**hamulatus.** *Typhloteras hamulatum* Karavaiev, 1925b: 129, fig. 5 (w.) INDONESIA (Sumatra).

Type-material: syntype workers (number not stated).

Type-locality: Indonesia: Sumatra, Siak, Sungai Pinang, nos 355, 363, 366 (*O. John*).

Type-depository: UASK.

Karavaiev, 1926d: 419 (q.m.).

Combination in *Centromyrmex*: Brown, 1953c: 8.

**Status as species:** Karavaiev, 1926d: 419; Chapman & Capco, 1951: 76; Bolton, 1995b: 140; Bolton & Fisher, 2008a: 25.

Distribution: Indonesia (Sumatra).

**longiventris.** *Centromyrmex sellaris* var. *longiventris* Santschi, 1919b: 229 (w.) CAMEROON.

Type-material: 3 syntype workers .

Type-locality: Cameroon: Victoria (*Silvestri*).

Type-depository: NHMB, (possibly also in DEUN).

**Subspecies of sellaris:** Wheeler, W.M. 1922a: 762; Bolton, 1995b: 140.

**Status as species:** Bolton & Fisher, 2008c: 19 (redescription).

Distribution: Cameroon, Gabon.

**paulina.** *Centromyrmex brachycola* var. *paulina* Forel, 1911c: 287 (w.) BRAZIL (São Paulo).

Type-material: syntype workers (number not stated).

Type-locality: Brazil: Prov. São Paulo, Ypiranga (*v. Ihering*).

Type-depositories: MHNG, WWKC.

**Subspecies of brachycola:** Luederwaldt, 1918: 35; Borgmeier, 1923: 63.

Junior synonym of *brachycola*: Kempf, 1967b: 405; Kempf, 1972a: 75; Bolton, 1995b: 140.

**praedator.** *Centromyrmex praedator* Bolton & Fisher, 2008c: 21, figs. 19, 20 (w.) DEMOCRATIC REPUBLIC OF CONGO.

Type-material: holotype worker .

Type-locality: Democratic Republic of Congo ("Zaire"): Bandundu, Kinzambi For., 25.iii.1985 (*A. Dejean*).

Type-depository: BMNH.

Distribution: Democratic Republic of Congo.

**raptor.** *Centromyrmex raptor* Bolton & Fisher, 2008c: 21, figs. 21-24 (w.q.) ZAMBIA, ZIMBABWE.

Type-material: holotype worker (upper specimen of two on pin), 2 paratype workers, 2 paratype queens.

Type-locality: holotype Zambia: Lusaka, Leopard Hill, 12°33.29'S, 30°17.74'E, 1300 m., 29.xi.-3.xii.2005, Miombo woodland, BLF#13554, CASENT 0066716 (*Fisher, et al.*); paratypes: 1 queen with same data as

holotype (lower specimen on pin), 1 worker, 1 queen with same data but 13555, CASENT 0066882, 1 worker with same data but 13551, CASENT 0066707.

Type-depository: CASC.

Distribution: Zambia, Zimbabwe.

*rufigaster*. *Glyphopone (Leptopone) rufigaster* Arnold, 1916: 163, figs. 10, 10a (q.) ZIMBABWE.

Type-material: holotype queen.

Type-locality: Zimbabwe (“S. Rhodesia”): Victoria Falls, 5.xii.1914 (*G. Arnold*).

Type-depository: SAMC.

Combination in *Leptopone*: Wheeler, W.M. 1922a: 766.

Status as species: Wheeler, W.M. 1922a: 766.

Junior synonym of *bequaerti*: Brown, 1963: 10; Bolton, 1995b: 140; Bolton & Fisher, 2008c: 11.

*secutor*. *Centromyrmex secutor* Bolton & Fisher, 2008c: 13, figs. 5, 6 (w.) GABON.

Type-material: holotype worker, 15 paratype workers.

Type-locality: holotype Gabon: La Makandé, Forêt des Abeilles, i.-ii.1999 (*S. Lewis*); paratypes with same data.

Type-depositories: BMNH (holotype); BMNH, CASC, MCZC (paratypes).

Distribution: Gabon.

*sculpturatus* Santschi, 1931; see under **TYPHLOMYRMEX**.

*sellaris*. *Centromyrmex sellaris* Mayr, 1896: 230 (w.) CAMEROON.

Type-material: holotype worker.

Type-locality: Cameroon: (no further data), 1891 (*Y. Sjöstedt*).

Type-depository: NHRS.

**Status as species:** Emery, 1911d: 58; Santschi, 1914d: 313; Wheeler, W.M. 1922a: 762; Menozzi, 1933a: 96; Bolton, 1995b: 140; Bolton & Fisher, 2008c: 22 (redescription); Hita Garcia, *et al.* 2013: 219.

**Senior synonym of *arnoldi*:** Bolton & Fisher, 2008c: 22.

**Senior synonym of *congolensis*:** Bolton & Fisher, 2008c: 23.

**Senior synonym of *constanciae*:** Bolton & Fisher, 2008c: 22.

**Senior synonym of *guineensis*:** Bolton & Fisher, 2008c: 23.

Distribution: Cameroon, Democratic Republic of Congo, Gabon, Ghana, Guinea, Ivory Coast, Kenya, Mozambique, Nigeria, Uganda, Zambia, Zimbabwe.