

## **CREMATOGASTER**

[Note (i): The original spelling *Crematogaster* is used throughout, the incorrect subsequent spelling *Cremastogaster* is ignored; see catalogue of genus-group names. The incorrect spelling is common earlier, but persists as late as Baroni Urbani, 1974: 233, Schembri & Collingwood, 1981: 430, Le Moli & Rosi, 1991: 30.

Note (ii): The spurious paper by Soulié & Dicko, 1965: 85, is ignored. This publication merely repeats, inaccurately, the Wheeler, W.M. 1922a: 828 catalogue of Afrotropical *Crematogaster*, but treats the subgenera as genera, as nominated by Soulié, 1964, 1965; see catalogue of genus-group names.]

***abdominalis***. *Crematogaster abdominalis* Motschoulsky, 1863: 20 (w.) INDIA (no state data).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 149;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species:** Emery, 1922e: 149; Chapman & Capco, 1951: 86; Bolton, 1995b: 146; Bharti, Guénard, *et al.* 2016: 35.

***aberrans***. *Crematogaster aberrans* Forel, 1892k: 532 (q.),: 533 (w.),: 534 (m.) (diagnoses in keys) INDIA (Kerala).

Combination in *C. (Oxygyne)*: Forel, 1901e: 375.

**Status as species:** Forel, 1903a: 682; Rothney, 1903: 98; Bingham, 1903: 136; Emery, 1922e: 157; Chapman & Capco, 1951: 100; Collingwood, 1962: 225; Bolton, 1995b: 146; Tiwari, 1999: 47; Hosoiishi, 2015: 70 (redescription); Bharti, Guénard, *et al.* 2016: 35.

**Senior synonym of *assmuthi*:** Hosoiishi, 2015: 70.

**Senior synonym of *inglebyi*:** Hosoiishi, 2015: 70.

**Senior synonym of *soror*:** Hosoiishi, 2015: 70.

***abrupta***. *Crematogaster abrupta* Mann, 1919: 320 (w.) SOLOMON IS (Three Sisters I.).

Combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species:** Wheeler, W.M. 1935g: 21; Bolton, 1995b: 146; Sarnat, *et al.* 2013: 71.

***abstinens***. *Crematogaster abstinens* Forel, 1899c: 85 (w.) PANAMA.

Combination in *C. (Orthocrema)*: Emery, 1922e: 133.

**Status as species:** Forel, 1904d: 174; Forel, 1905b: 159; Forel, 1907e: 6; Forel, 1912f: 216; Emery, 1922e: 133; Borgmeier, 1927c: 91; Gallardo, 1934: 6 (redescription); Kempf, 1972a: 84; Bolton, 1995b: 146; Longino, 2003a: 30 (redescription); Pedraza & Fernández, 2019: 895.

**Senior synonym of *chacoana*:** Longino, 2003a: 30.

**Senior synonym of *erici*:** Longino, 2003a: 30.

**Senior synonym of *ornatipilis*:** Longino, 2003a: 30.

**Senior synonym of *suturalis*:** Longino, 2003a: 30.

***acaciae***. *Crematogaster acaciae* Forel, 1892b: 141 (w.) SOMALIA.

Combination in *C. (Acrocoelia)*: Emery, 1922e: 144;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Subspecies of *brunneipennis*:** Wheeler, W.M. 1922a: 152, 829.

**Status as species:** Forel, 1892e: 353; Dalla Torre, 1893: 79; Arnold, 1920a: 500; Emery, 1922e: 144; Arnold, 1926: 288; Collingwood, 1985: 260; Bolton, 1995b: 146; Collingwood & Agosti, 1996: 329; Borowiec, L. 2014: 63 (see note in bibliography); Sharaf, Aldawood & Hita Garcia, 2019: 39.

Current subspecies: nominal plus *generosa*, *gloriosa*, *victoriosa*.

***acanthobia***. *Crematogaster excisa* r. *andrei* var. *acanthobia* Forel, 1914d: 236 (w.) SOUTH AFRICA; unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Arnold, 1920a: 550; Emery, 1922e: 147; Wheeler, W.M. 1922a: 861.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 146.

*accola*. *Crematogaster (Orthocrema) sculpturata* subsp. *accola* Wheeler, W.M. 1934g: 175 (w.) MEXICO (Veracruz).

Subspecies of *sculpturata*: Kempf, 1972a: 89; Bolton, 1995b: 146.

Junior synonym of *curvispinosa*: Longino, 2003a: 55; Morgan & Mackay, 2017: 136.

*acis*. *Crematogaster sewellii* r. *acis* Forel, 1913h: 353 (w.) DEMOCRATIC REPUBLIC OF CONGO.

Combination in *C. (Acrocoelia)*: Emery, 1922e: 148.

**Subspecies of *sewellii***: Wheeler, W.M. 1922a: 844; Emery, 1922e: 148; Bolton, 1995b: 146.

*aculeata*. *Crematogaster (Rhachiocrema) aculeata* Donisthorpe, 1941j: 203 (w.) NEW GUINEA (Indonesia).

**Status as species**: Chapman & Capco, 1951: 104; Bolton, 1995b: 146.

*acuta*. *Formica acuta* Fabricius, 1804: 411 (w.) (no state data, "Habitat in America meridionali").

[Note: type-locality Guyana (Essequibo), after Longino, 2003a: 32.]

Wheeler, G.C. & Wheeler, J. 1952b: 258 (l.); Longino, 2003a: 33 (q.); Morgan & Mackay, 2017: 65 (m.).

Combination in *Crematogaster*: Roger, 1862c: 291; Mayr, 1862: 767;

combination in *C. (Eucrema)*: Santschi, 1918d: 182;

combination in *C. (Crematogaster)*: Emery, 1922e: 137.

**Status as species**: Mayr, 1862: 767; Roger, 1862c: 291; Mayr, 1863: 404; Roger, 1863b: 37; Mayr, 1865: 104; Mayr, 1870b: 990 (in key); Emery, 1878a: x (in list); Dalla Torre, 1893: 79; Forel, 1895b: 130; Forel, 1899c: 83; Forel, 1907a: 25; Forel, 1912f: 219; Mann, 1916: 443; Wheeler, W.M. 1916c: 12; Mann, 1922: 29; Emery, 1922e: 137; Borgmeier, 1927c: 98; Wheeler, W.M. 1942: 193; Kempf, 1972a: 82; Bolton, 1995b: 146; Longino, 2003a: 32 (redescription); Wild, 2007b: 32; Branstetter & Sáenz, 2012: 258; Bezděčková, et al. 2015: 116; Morgan & Mackay, 2017: 62 (redescription); Pedraza & Fernández, 2019: 895.

**Senior synonym of *centralis***: Longino, 2003a: 32; Morgan & Mackay, 2017: 62.

**Senior synonym of *quadriceps***: Roger, 1862c: 291; Mayr, 1863: 404; Roger, 1863b: 37; Mayr, 1865: 104; Dalla Torre, 1893: 79; Forel, 1895b: 130; Forel, 1899c: 83; Emery, 1922e: 137; Kempf, 1972a: 82; Bolton, 1995b: 146; Longino, 2003a: 32; Morgan & Mackay, 2017: 62.

*acutidens*. *Crematogaster delagoense* var. *acutidens* Arnold, 1944: 7, fig. 7, 7a,b (w.) SOUTH AFRICA.

**Subspecies of *delagoensis***: Bolton, 1995b: 146.

*admota*. *Crematogaster admota* Sjöstedt, 1908: 116 (w.) KENYA. *Nomen nudum* (attributed to Mayr).

*adrepens*. *Crematogaster adrepens* Forel, 1897c: 197 (w.) MADAGASCAR.

Combination in *C. (Crematogaster)*: Wheeler, W.M. 1922a: 1022;

combination in *C. (Acrocoelia)*: Emery, 1922e: 144;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

Status as species: Emery, 1922e: 144; Wheeler, W.M. 1922a: 1022; Bolton, 1995b: 146.

Junior synonym of *kellери*: Blaimer & Fisher, 2013a: 10.

**adultera.** *Crematogaster depressa* var. *adultera* Santschi, 1915c: 252 (w.) CONGO.

Combination in *C. (Atopogyne)*: Wheeler, W.M. 1922a: 856.

**Subspecies of depressa:** Wheeler, W.M. 1922a: 856; Emery, 1922e: 155; Bolton, 1995b: 146.

**adusta.** *Crematogaster castanea* st. *adusta* Santschi, 1935a: 257.

[First available use of *Crematogaster tricolor* r. *ferruginea* var. *adusta* Stitz, 1923: 155 (w.) NAMIBIA; unavailable (infrasubspecific) name.]

**Subspecies of castanea:** Bolton, 1995b: 146.

**aegyptiaca.** *Crematogaster aegyptiaca* Mayr, 1862: 765 (w.) EGYPT.

[Misspelled as *egyptiaca* by Santschi, 1914a: 432.]

Combination in *C. (Crematogaster)*: Wheeler, W.M. 1922a: 828;

combination in *C. (Acrocoelia)*: Emery, 1922e: 144;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species:** Mayr, 1863: 404; Roger, 1863b: 36; Emery, 1881b: 535; André, 1883b: 392 (in key); Dalla Torre, 1893: 79; Emery, 1893f: 256; Forel 1910c: 257; Karavaiev, 1911: 8; Emery, 1922e: 144; Wheeler, W.M. 1922a: 828, 1022; Finzi, 1939a: 155; Collingwood, 1985: 260; Bolton, 1995b: 146; Collingwood & Agosti, 1996: 329; Mohamed, Zalat, et al. 2001: 50; Cagniant, 2005: 10; Cagniant, 2006a: 197; Collingwood, et al. 2011: 424; Borowiec, L. 2014: 64 (see note in bibliography); Sharaf, Aldawood & Hita Garcia, 2019: 39.

Current subspecies: nominal plus *pharaonis*, *robusta*, *turkanensis*.

**aeolia.** *Crematogaster sordidula* var. *aeolia* Forel, 1911d: 343 (w.) TURKEY.

Combination in *C. (Orthocrema)*: Emery, 1922e: 131.

**Subspecies of sordidula:** Emery, 1912e: 671; Forel, 1913d: 430; Emery, 1922e: 131; Bolton, 1995b: 146; Kiran & Karaman, 2012: 18.

**aethiops.** *Crematogaster chiarinii* var. *aethiops* Forel, 1907c: 142 (footnote) (w.) SOMALIA.

Menozzi, 1930b: 90 (m.).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 146.

**Subspecies of chiarinii:** Wheeler, W.M. 1922a: 835; Emery, 1922e: 146; Menozzi, 1930b: 90; Menozzi & Consani, 1952: 64; Bolton, 1995b: 146.

**affabilis.** *Crematogaster chiarinii* var. *affabilis* Forel, 1907c: 142 (w.) SOMALIA, ETHIOPIA.

Combination in *C. (Acrocoelia)*: Emery, 1922e: 146;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

Subspecies of *chiarinii*: Wheeler, W.M. 1922a: 835; Emery, 1922e: 146; Menozzi & Consani, 1952: 64.

Status as species: Collingwood, 1985: 260; Bolton, 1995b: 146; Collingwood & Agosti, 1996: 330; Borowiec, L. 2014: 64.

Junior synonym of *chiarinii*: Sharaf, Aldawood & Hita Garcia, 2019: 47.

**afghanica.** *Crematogaster afghanica* Pisarski, 1967: 389, figs. 23-25 (w.) AFGHANISTAN.

Combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species:** Pisarski, 1970: 308; Bolton, 1995b: 146.

**africana.** *Crematogaster africana* Mayr, 1895: 142 (w.) CAMEROON.

Santschi, 1937g: 78 (q.).

Combination in *C. (Atopogyne)*: Santschi, 1916b: 501.

**Subspecies of buchneri:** Forel, 1913a: 125; Forel, 1913h: 352; Santschi, 1915c: 253; Forel, 1916: 410.

**Status as species:** Emery, 1899e: 480; Mayr, 1902: 294; Forel, 1909b: 53, 69; Forel, 1910e: 433; Santschi, 1910c: 378; Santschi, 1918d: 183; Wasmann, 1918b: 145; Santschi, 1921c: 118; Wheeler, W.M. 1922a: 157, 851; Emery, 1922e: 154; Santschi, 1937g: 78; Menozzi, 1942: 169; Weber, 1943c: 357; Eidmann, 1944: 448, 469; Donisthorpe, 1945d: 268; Bernard, 1953b: 234; Bolton, 1995b: 146; Hita Garcia, *et al.* 2013: 209.

Current subspecies: nominal plus *alligatrix*, *biemarginata*, *camena*, *polymorphica*, *schumanni*, *stanleyi*, *stolonis*, *thoracica*, *tibialis*, *variegata*.

*aglaea*. *Crematogaster excisa* subsp. *impressa* var. *aglaea* Santschi, in Wheeler, W.M. 1922a: 153 (w.) IVORY COAST; unavailable (infrasubspecific) name.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 146.

*agnetis*. *Crematogaster agnetis* Forel, 1892k: 531 (q.), 533 (w.), 534 (m.) (diagnoses in keys) MADAGASCAR.

Combination in *C. (Oxygyne)*: Wheeler, W.M. 1922a: 1024.

**Status as species:** Emery, 1922e: 156; Wheeler, W.M. 1922a: 1024; Bolton, 1995b: 146; Blaimer, 2012a: 249, ‘Results S1: Species accounts’: 1 (redescription).

*agniae*. *Crematogaster (Acrocoelia) agniae* Karavaiev, 1935a: 90, fig. 16 (w.) VIETNAM.

Combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species:** Chapman & Capco, 1951: 86; Bolton, 1995b: 147.

*agnita*. *Crematogaster (Orthocrema) agnita* Wheeler, W.M. 1934g: 175 (w.q.) GUATEMALA.

Status as species: Kempf, 1972a: 84; Bolton, 1995b: 147; Deyrup, *et al.* 2000: 297; Deyrup, 2003: 44.

Junior synonym of *obscurata*: Longino, 2003a: 97; Morgan & Mackay, 2017: 294.

*airensis*. *Crematogaster laestrygon* st. *airensis* Santschi, 1937e: 309.

[First available use of *Crematogaster (Acrocoelia) auberti* st. *oasium* var. *airensis* Santschi, 1932f: 517 (w.m.) NIGER; unavailable (infrasubspecific) name.]

**Subspecies of laestrygon:** Bernard, 1948: 143; Bernard, 1953a: 152; Bolton, 1995b: 147.

*aitkenii*. *Crematogaster biroi* var. *aitkenii* Forel, 1902c: 203 (w.) INDIA (Karnataka).

Combination in *C. (Orthocrema)*: Emery, 1922e: 132.

Subspecies of *biroi*: Forel, 1903a: 684; Bingham, 1903: 139; Forel, 1911i: 223; Wheeler, W.M. 1913e: 236; Emery, 1922e: 132; Chapman & Capco, 1951: 97; Tiwari, 1999: 49.

Status as species: Wu, J. & Wang, 1992: 1319; Bolton, 1995b: 147; Guénard & Dunn, 2012: 42; Bharti, Guénard, *et al.* 2016: 35.

Junior synonym of *biroi*: Hosoiishi & Ogata, 2016a: 577.

*alafara*. *Crematogaster alafara* Blaimer, in Blaimer & Fisher, 2013b: 17, fig. 6 (w.q.) MADAGASCAR.

*alegrensis*. *Crematogaster victima* r. *alegrensis* Forel, 1901d: 300 (w.q.m.) BRAZIL (Rio Grande do Sul).

Combination in *C. (Orthocrema)*: Emery, 1922e: 136.

**Subspecies of victima:** Forel, 1907e: 6; Emery, 1922e: 136; Borgmeier, 1927c: 97; Kempf, 1972a: 90; Bolton, 1995b: 147.

*algirica*. *Myrmica algirica* Lucas, H. 1849: 300, pl. 16, fig. 9 (w.q.) ALGERIA.

[Misspelled as *algerica* by Santschi, 1937e: 312 (in key).]

Combination in *Crematogaster*: Smith, F. 1858b: 135;

combination in *C. (Acrocoelia)*: Emery, 1922e: 143;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

As unavailable (infrasubspecific) name: Santschi, 1937e: 312 (in key).  
Junior synonym of *scutellaris*: Lucas, 1856: xxi; Nylander, 1856b: 100; Smith, F. 1858b: 135; Mayr, 1861: 74 (in key); Mayr, 1863: 405; Roger, 1863b: 36; Dours, 1873: 169; André, 1874: 204 (in list); Forel, 1874: 100 (in list); Emery & Forel, 1879: 464; Fromantin & Soulié, 1961: 95.

**Subspecies of *scutellaris*:** Emery, 1891b: 14; Dalla Torre, 1893: 86; Karavaiev, 1912a: 11; Emery, 1922e: 143; Santschi, 1929e: 148; Santschi, 1931a: 5; Santschi, 1939c: 2; Menozzi, 1940: 268; Bernard, 1945: 133; Schmitz, 1950: 15; Cagniant, 2006a: 198.

**Status as species:** Collingwood, 1978: 68, 82 (in key); Bolton, 1995b: 147; Karaman, M.G. 2008: 20 (in key); Borowiec, L. 2014: 64.

*alii*. *Crematogaster scutellaris* var. *alii* Forel, 1907b: 207 (w.) ALGERIA.

Combination in *C. (Acrocoelia)*: Emery, 1922e: 144.

As unavailable (infrasubspecific) name: Emery, 1912e: 655; Emery, 1922e: 144; Santschi, 1929e: 148; Santschi, 1937e: 312 (in key); Cagniant, 2005: 10.

**Subspecies of *scutellaris*:** Bolton, 1995b: 147.

*alligatrix*. *Crematogaster buchneri* subsp. *alligatrix* Forel, 1911e: 271 (w.) NIGERIA.

Combination in *C. (Atopogyne)*: Wheeler, W.M. 1922a: 852.

**Subspecies of *buchneri*:** Forel, 1911f: 278; Forel, 1913c: 352; Forel, 1913h: 351; Forel, 1915c: 338.

**Subspecies of *depressa*:** Emery, 1922e: 154.

**Subspecies of *africana*:** Wheeler, W.M. 1922a: 852; Bolton, 1995b: 147.

*alluaudi*. *Crematogaster alluaudi* Emery, 1893c: 83 (w.) SPAIN (Canary Is).

[*Crematogaster alluaudi* Forel, 1893d: 466. *Nomen nudum* (attributed to Emery).]

Santschi, 1921e: 168 (q.); Santschi, 1937e: 299 (q.m.).

Combination in *C. (Atopogyne)*: Santschi, 1916b: 501;

combination in *C. (Acrocoelia)*: Emery, 1922e: 142;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species:** Emery, 1912e: 663; Santschi, 1921e: 168; Emery, 1922e: 142; Wheeler, W.M. 1927g: 105; Santschi, 1937e: 299; Wellenius, 1955: 6; Barquin Diez, 1981: 132; Hohmann, *et al.* 1993: 147; Báez & Ortega, 1978: 189; Bolton, 1995b: 147; Borowiec, L. 2014: 64 (see note in bibliography).

Current subspecies: nominal plus *noualhieri*.

*aloysiisabaudiae*. *Crematogaster (Acrocoelia) aloysiisabaudiae* Menozzi, 1930b: 86, fig. 1B,C (w.) SOMALIA.

Combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species:** Bolton, 1995b: 147.

*alulai*. *Crematogaster menileki* var. *alulai* Emery, 1901e: 61 (w.) ERITREA.

Combination in *C. (Crematogaster)*: Wheeler, W.M. 1922a: 829;

combination in *C. (Acrocoelia)*: Emery, 1922e: 144;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Subspecies of *menilekii*:** Santschi, 1913a: 412 (in key); Santschi, 1914b: 93.

**Subspecies of *buchneri*:** Forel, 1916: 411 (in text).

**Status as species:** Emery, 1915g: 11; Emery, 1922e: 144; Wheeler, W.M. 1922a: 829; Emery, 1922e: 144; Menozzi, 1922a: 354; Finzi, 1939a: 163; Bolton, 1995b: 147; Hita Garcia, *et al.* 2013: 209; Madl, 2019: 15.

Current subspecies: nominal plus *scrutans*.

- amabilis.** *Crematogaster amabilis* Santschi, 1911c: 355 (w.) TANZANIA.  
 Santschi, 1914b: 91 (q.m.).  
 Combination in *C. (Crematogaster)*: Wheeler, W.M. 1922a: 829;  
 combination in *C. (Acrocoelia)*: Emery, 1922e: 145;  
 combination in *C. (Crematogaster)*: Bolton, 1995b: 166.  
**Status as species:** Santschi, 1913a: 412 (in key); Santschi, 1914b: 91; Emery, 1922e: 145; Wheeler, W.M. 1922a: 829; Bolton, 1995b: 147; Hita Garcia, *et al.* 2013: 210.  
 Current subspecies: nominal plus *retiaria*.
- amapaensis.** *Crematogaster (Orthocrema) amapaensis* Kempf, 1960e: 394, figs. 7-9 (w.) BRAZIL (Amapá).  
**Status as species:** Kempf, 1972a: 84; Bolton, 1995b: 147.
- amazonensis.** *Crematogaster stollii* var. *amazonensis* Forel, 1904e: 682 (w.) BRAZIL (Amazonas, Pará).  
 Combination in *C. (Orthocrema)*: Emery, 1922e: 136.  
 Subspecies of *stollii*: Forel, 1908b: 47; Emery, 1922e: 136; Borgmeier, 1927c: 96; Santschi, 1939f: 161; Kempf, 1972a: 89; Bolton, 1995b: 147.  
 Junior synonym of *stollii*: Longino, 2003a: 109.
- ambigua.** *Crematogaster (Atopogyne) ambigua* Santschi, 1926b: 228 (w.) DEMOCRATIC REPUBLIC OF CONGO.  
**Status as species:** Bolton, 1995b: 147.
- amia.** *Crematogaster popohana* r. *amia* Forel, 1913f: 194 (q.m.) TAIWAN.  
 Combination in *C. (Acrocoelia)*: Emery, 1922e: 151.  
**Status as species:** Lin & Wu, 2003: 62.  
**Subspecies of popohana:** Emery, 1922e: 151; Wheeler, W.M. 1929g: 60; Chapman & Capco, 1951: 93; Bolton, 1995b: 147; Terayama, 2009: 177; Hosoiishi & Ogata, 2015a: 16.
- amita.** *Crematogaster kneri* var. *amita* Forel, 1913a: 125 (w.) ZIMBABWE.  
 Combination in *C. (Sphaerocrema)*: Wheeler, W.M. 1922a: 847.  
**Subspecies of kneri:** Arnold, 1920a: 527; Forel, 1922: 94; Wheeler, W.M. 1922a: 847; Emery, 1922e: 153.  
**Status as species:** Santschi, 1925h: 161; Santschi, 1926b: 226; Santschi, 1930b: 69; Menozzi, 1942: 169; Bolton, 1995b: 147.  
 Current subspecies: nominal plus *bushimana*, *caffra*, *makololo*, *matabele*.
- ampla.** *Crematogaster brevispinosa* var. *ampla* Forel, 1912f: 211 (w.) COLOMBIA.  
 Combination in *C. (Orthocrema)*: Emery, 1922e: 134.  
**Subspecies of brevispinosa:** Emery, 1922e: 134; Borgmeier, 1927c: 92; Wheeler, W.M. 1942: 194; Kempf, 1972a: 85; Bolton, 1995b: 147.  
**Status as species:** Longino, 2003a: 128; Wild, 2007b: 32; Pedraza & Fernández, 2019: 895.
- ampullaris.** *Crematogaster ampullaris* Smith, F. 1861b: 47 (w.) INDONESIA (Sulawesi).  
 Combination in *C. (Physocrema)*: Donisthorpe, 1932c: 469.  
 Junior synonym of *difformis*: Emery, 1901g: 574; Wheeler, W.M. 1919e: 74.  
**Status as species:** Mayr, 1863: 404; Roger, 1863b: 37; Dalla Torre, 1893: 79; Donisthorpe, 1932c: 469; Donisthorpe, 1941l: 226 (in key); Bolton, 1995b: 147; Hosoiishi & Ogata, 2009a: 3; Hosoiishi & Ogata, 2009b: 19 (redescription).
- analis.** *Crematogaster flaviventris* var. *analis* Santschi, 1910c: 372 (w.) CONGO.

Forel, 1910e: 433 (q.m.).

As unavailable (infrasubspecific) name: Santschi, 1913a: 413 (in key); Emery, 1922e: 146; Wheeler, W.M. 1922a: 833.

**Subspecies of** *flaviventris*: Forel, 1910e: 433.

**Subspecies of** *castanea*: Bolton, 1995b: 147.

*anamita*. *Crematogaster (Paracrema) modiglianii* var. *anamita* Santschi, 1925f: 90 (w.) MYANMAR (attributed to Forel).

[*Crematogaster modiglianii* var. *annamita* Forel, 1903a: 680 (in key), 683 (in text). *Nomen nudum* (attributed to Emery).]

Subspecies of *modiglianii*: Bolton, 1995b: 147.

Junior synonym of *modiglianii*: Hosoihi, Yamane & Ogata, 2010a: 125.

**incipitula**. *Crematogaster incipitula* Forel, 1917: 252 (q.) ANGOLA.

Combination in *C. (Acrocoelia)*: Emery, 1922e: 145;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species**: Emery, 1922e: 145; Bolton, 1995b: 147.

*andelis*. *Crematogaster biroi* var. *andelis* Santschi, 1928h: 129 (w.) INDONESIA (Sumatra).

Stärcke, 1930: 373 (m.).

Subspecies of *biroi*: Stärcke, 1930: 373; Menozzi, 1935a: 113 (in key); Chapman & Capco, 1951: 97; Bolton, 1995b: 147.

Junior synonym of *bandarensis*: Hosoihi & Ogata, 2016a: 575.

*andrei*. *Crematogaster excisa* subsp. *andrei* Forel, 1911f: 277 (w.q.) DEMOCRATIC REPUBLIC OF CONGO.

Combination in *C. (Acrocoelia)*: Emery, 1922e: 147.

Subspecies of *excisa*: Forel, 1913a: 126; Forel, 1914d: 236; Forel, 1915c: 341; Forel, 1916: 409; Wheeler, W.M. 1922a: 153, 836; Emery, 1922e: 147; Santschi, 1928d: 63.

Subspecies of *impressa*: Santschi, 1913a: 412 (in key); Santschi, 1935a: 257.

Junior synonym of *impressa*: Santschi, 1937b: 98; Bolton, 1995b: 147.

**anguliceps**. *Crematogaster (Oxygyne) stadelmanni* var. *anguliceps* Stitz, 1916: 384, fig. 4 (w.) CAMEROON.

Combination in *C. (Nematocrema)*: Wheeler, W.M. 1922a: 859.

**Subspecies of** *stadelmanni*: Wheeler, W.M. 1922a: 859; Emery, 1922e: 158; Santschi, 1935a: 260; Bolton, 1995b: 147.

**angulosa**. *Crematogaster angulosa* André, 1896b: 264 (w.) BORNEO (no state data).

Combination in *C. (Decacrema)*: Forel, 1911a: 32.

**Status as species**: Wheeler, W.M. 1919e: 79; Emery, 1922e: 138; Chapman & Capco, 1951: 94; Bolton, 1995b: 147; Pfeiffer, *et al.* 2011: 45; Feldhaar, *et al.* 2016: 681 (redescription).

**angustata**. *Crematogaster stadelmanni* var. *angustata* Mayr, 1895: 142 (w.) CAMEROON.

Combination in *C. (Nematocrema)*: Wheeler, W.M. 1922a: 859.

**Subspecies of** *stadelmanni*: Wheeler, W.M. 1922a: 859; Emery, 1922e: 158; Bolton, 1995b: 147.

**angusticeps**. *Crematogaster angusticeps* Santschi, 1911c: 354, fig. (q.) SUDAN.

[Misspelled as *augusticeps* by Emery, 1922e: 145.]

Combination in *C. (Atopogyne)*: Wheeler, W.M. 1922a: 853;

combination in *C. (Acrocoelia)*: Emery, 1922e: 145;

combination in *C. (Sphaerocrema)*: Santschi, 1926b: 227.

**Status as species:** Emery, 1922e: 145; Wheeler, W.M. 1922a: 853; Santschi, 1926b: 227; Santschi, 1935a: 258; Menozzi, 1942: 168; Bolton, 1995b: 147.

**angustior.** *Crematogaster peringueyi* var. *angustior* Arnold, 1920a: 510, fig. 40 (w.q.m.) SOUTH AFRICA.

**Subspecies of peringueyi:** Wheeler, W.M. 1922a: 843; Bolton, 1995b: 147.

*anoemica.* *Crematogaster (Paracrema) modiglianii* var. *anoemica* Santschi, 1925f: 91 (w.) MYANMAR.

Subspecies of *modiglianii*: Chapman & Capco, 1951: 101; Bolton, 1995b: 147.

Junior synonym of *modiglianii*: Hosoiishi, Yamane & Ogata, 2010a: 125.

**antaris.** *Crematogaster auberti* r. *antaris* Forel, 1894d: 26 (w.q.) ALGERIA.

Combination in *C. (Acrocoelia)*: Emery, 1922e: 142;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Subspecies of inermis:** Emery, 1926: 2; Menozzi, 1927g: 379; Finzi, 1936: 174; Cagniant, 1970a: 417.

**Subspecies of auberti:** Forel, 1909c: 104 (in text); Emery, 1912e: 662; Wheeler, W.M. & Mann, 1916: 170; Stitz, 1917: 341; Emery, 1922e: 142; Emery, 1924a: 8; Finzi, 1930b: 15; Santschi, 1938a: 38; Cagniant, 1964: 103.

**Status as species:** Santschi, 1921d: 71; Collingwood, 1985: 260; Kugler, J. 1988: 258; Bolton, 1995b: 147; Collingwood & Agosti, 1996: 330; Cagniant, 2005: 11; Cagniant, 2006a: 198; Paknia, *et al.* 2008: 154; Collingwood, *et al.* 2011: 426; Borowiec, L. 2014: 64; Sharaf, Aldawood & Hita Garcia, 2019: 42.

**Senior synonym of sordida:** Cagniant, 2005: 11; Sharaf, Aldawood & Hita Garcia, 2019: 42.

**anthracina.** *Crematogaster anthracinus* Smith, F. 1857a: 75 (w.) SINGAPORE.

Combination in *C. (Acrocoelia)*: Donisthorpe, 1932c: 450;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

Unidentifiable taxon: Forel, 1903a: 682.

**Status as species:** Smith, F. 1858b: 136; Mayr, 1863: 404; Roger, 1863b: 37; Mayr, 1867a: 105 (redescription); Smith, F. 1871a: 329; Mayr, 1872: 154; Mayr, 1879: 681 (in key); Dalla Torre, 1893: 79; Bingham, 1903: 132; Emery, 1922e: 158; Donisthorpe, 1932c: 450; Chapman & Capco, 1951: 95; Bolton, 1995b: 147; Mathew & Tiwari, 2000: 323; Pfeiffer, *et al.* 2011: 45; Guénard & Dunn, 2012: 42; Bharti, Guénard, *et al.* 2016: 35.

*antillana.* *Crematogaster curvispinosa* var. *antillana* Forel, 1893g: 399 (w.) ST VINCENT & THE GRENADINES (St Vincent I.).

Forel, 1912f: 216 (q.).

Combination in *C. (Orthocrema)*: Emery, 1922e: 134.

Subspecies of *curvispinosa*: Wheeler, W.M. 1905b: 126; Forel, 1912f: 216; Emery, 1922e: 134; Kempf, 1972a: 87; Bolton, 1995b: 147.

Junior synonym of *curvispinosa*: Longino, 2003a: 55; Morgan & Mackay, 2017: 136.

**aphrodite.** *Crematogaster (Acrocoelia) inermis* var. *aphrodite* Santschi, 1937e: 298, figs. 2, 17 (w.q.m.) CYPRUS.

Subspecies of *inermis*: Bernard, 1948: 143; Bolton, 1995b: 147.

**apicalis.** *Crematogaster apicalis* Motschoulsky, 1863: 20 (w.) SRI LANKA.

Combination in *C. (Acrocoelia)*: Emery, 1922e: 149;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

Unidentifiable taxon: Forel, 1903a: 682.

**Status as species:** Smith, F. 1871a: 330; Dalla Torre, 1893: 79; Emery, 1922e: 149; Chapman & Capco, 1951: 86; Bolton, 1995b: 147.

*apicalis*. *Crematogaster apicalis* Smith, F. 1878b: 12 (q.) INDIA (Punjab).

[**Junior primary homonym** of *Crematogaster apicalis* Motschoulsky, 1863: 20.]

Combination in *C. (Acrocoelia)*: Emery, 1922e: 144.

Unidentifiable taxon: Forel, 1903a: 682.

Status as species: Dalla Torre, 1893: 79.

**Replacement name:** *Crematogaster betapicalis* Bolton, 1995b: 148.

[Note: Emery, 1922e: 144, suggests *apicalis* is a possible junior synonym of *subdentata* Mayr, 1877: 19.]

*apilis*. *Crematogaster treubi r. apilis* Forel, 1913f: 195 (w.) TAIWAN.

Combination in *C. (Orthocrema)*: Emery, 1922e: 132.

**Subspecies of treubi:** Emery, 1922e: 132; Wheeler, W.M. 1929g: 60; Chapman & Capco, 1951: 99; Bolton, 1995b: 147; Lin & Wu, 2003: 63; Terayama, 2009: 178 (in key); Hosoiishi & Ogata, 2012: 26.

*aquila*. *Crematogaster ferruginea* var. *aquila* Forel, 1907c: 139 (w.) KENYA.

Santschi, 1914b: 87 (m.).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 145.

As unavailable (infrasubspecific) name: Santschi, 1913a: 413 (in key); Santschi, 1914b: 87; Emery, 1922e: 145; Wheeler, W.M. 1922a: 831; Menozzi, 1926a: 37; Menozzi, 1930b: 107 (in key).

**Subspecies of castanea:** Bolton, 1995b: 147; Hita Garcia, *et al.* 2013: 210.

*arata*. *Crematogaster arata* Emery, 1906c: 140 (w.) ARGENTINA (Misiones).

[Misspelled as *aratai* by Gallardo, 1934: 55.]

Combination in *C. (Orthocrema)*: Emery, 1922e: 133;

combination in *C. (Neocrema)*: Santschi, 1918d: 182; Kempf, 1972a: 83.

**Status as species:** Bruch, 1914: 219; Emery, 1922e: 133; Gallardo, 1934: 55; Kempf, 1972a: 83; Bolton, 1995b: 147; Wild, 2007b: 32.

*arawak*. *Crematogaster brasiliensis* subsp. *arawak* Weber, 1938a: 208 (w.) GUYANA.

**Subspecies of brasiliensis:** Kempf, 1972a: 84; Bolton, 1995b: 147.

*arborea*. *Crematogaster arboreus* Smith, F. 1858b: 138, pl. 14 (nest) (w.) SOUTH AFRICA.

Mayr, 1866b: 900 (q.).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 145.

**Status as species:** Mayr, 1863: 404; Roger, 1863b: 37; Mayr, 1866b: 900 (redescription); Mayr, 1886c: 360; Dalla Torre, 1893: 79; Emery, 1895h: 29; Arnold, 1920a: 506.

Synonym of *tricolor*: Mayr, 1895: 136 (footnote); Mayr, 1907b: 16; Arnold, 1920a: 506.

[Note: Mayr, 1907b: 16, gives *tricolor* as senior synonym, but *arborea* has priority (Arnold, 1920a: 506.)]

Junior synonym of *castanea*: Wheeler, W.M. 1922a: 830.

**Subspecies of castanea:** Emery, 1922e: 145; Santschi, 1930b: 69; Bolton, 1995b: 147.

**Senior synonym of decolorata:** Santschi, 1930b: 69; Bolton, 1995b: 147.

*arborea*. *Oecodoma (Atta) arborea* Buckley, 1867: 349 (w.q.) U.S.A. (Texas).

[Unresolved junior secondary homonym of *Crematogaster arboreus* Smith, F. 1858b: 138 (Bolton, 1995b: 147).]

Junior synonym of *lineolata*: McCook, 1880: 187; Mayr, 1886d: 462; Cresson, 1887: 259; Dalla Torre, 1893: 83; Pergande, 1893: 36.

Junior synonym of *clara*: Wheeler, W.M. 1902f: 30.

Junior synonym of *laeviuscula*: Smith, M.R. 1951a: 809; Buren, in Smith, M.R. 1958c: 126; Smith, D.R. 1979: 1379; Bolton, 1995b: 147; Morgan & Mackay, 2017: 196.

**arcuata**. *Crematogaster sulcata* r. *arcuata* Forel, 1899c: 84, pl. 4, fig. 3 (w.) PANAMA.

Longino, 2003a: 36 (q.).

Combination in *C. (Physocrema)*: Forel, 1913l: 234;

combination in *C. (Orthocrema)*: Emery, 1922e: 134;

combination in *C. (Neocrema)*: Santschi, 1922d: 244; Kempf, 1972a: 83.

**Status as species**: Forel, 1913l: 234; Emery, 1922e: 134; Wheeler, W.M. 1942: 193; Kempf, 1972a: 83; Bolton, 1995b: 147; Longino, 2003a: 35 (redescription); Bezděčková, et al. 2015: 116; Pedraza & Fernández, 2019: 895.

**Senior synonym of aruga**: Longino, 2003a: 35.

**argentina**. *Crematogaster steinheili* var. *argentina* Forel, 1915c: 356 (w.q.) ARGENTINA (no province data).

Combination in *C. (Orthocrema)*: Emery, 1922e: 136.

**Subspecies of steinheili**: Bruch, 1915: 530; Emery, 1922e: 136; Gallardo, 1934: 46; Kempf, 1972a: 89; Bolton, 1995b: 147.

*arizonensis*. *Crematogaster arizonensis* Wheeler, W.M. 1908e: 482, pl. 27, fig. 40 (w.) U.S.A. (Arizona).

Wheeler, W.M. 1912b: 132 (q.m.).

Combination in *C. (Orthocrema)*: Emery, 1922e: 134.

**Status as species**: Wheeler, W.M. 1910g: 565; Wheeler, W.M. 1912b: 132; Wheeler, W.M. 1919g: 111; Emery, 1922e: 134; Cole, 1937a: 101; Creighton, 1939b: 139 (in key); Wheeler, W.M. 1942: 193; Creighton, 1950a: 205; Smith, M.R. 1951a: 807; Hunt & Snelling, 1975: 21; Smith, D.R. 1979: 1377; Bolton, 1995b: 147; Mackay & Mackay, 2002: 85.

Junior synonym of *torosa*: Longino, 2003a: 121; Morgan & Mackay, 2017: 385.

*armandi*. *Crematogaster armandi* Forel, 1921a: 208 (w.q.) BRAZIL (Mato Grosso).

Combination in *C. (Orthocrema)*: Kempf, 1972a: 84.

**Status as species**: Wheeler, W.M. 1942: 193; Kempf, 1972a: 84; Bolton, 1995b: 147.

Junior synonym of *brasiliensis*: Longino, 2003a: 37.

**amatula**. *Crematogaster inermis* var. *amatula* Menozzi, 1933b: 59.

[First available use of *Crematogaster inermis* subsp. *inermis* var. *amatula* Emery, 1926: 3 (w.) SYRIA; unavailable (infrasubspecific) name.]

Menozzi, 1933b: 59 (q.).

**Subspecies of inermis**: Santschi, 1937e: 299; Bolton, 1995b: 147; Vonshak, et al. 2009: 42.

**arnoldi**. *Crematogaster arnoldi* Forel, 1914d: 238 (w.) SOUTH AFRICA.

Combination in *C. (Acrocoelia)*: Emery, 1922e: 145;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Subspecies of godfreyi**: Arnold, 1920a: 504.

**Status as species**: Emery, 1922e: 145; Santschi, 1926b: 214; Bolton, 1995b: 147.

Current subspecies: nominal plus *loveridgei*.

**aroensis**. *Crematogaster (Acrocoelia) aroensis* Menozzi, 1935a: 114, fig. 7 (w.) INDONESIA (Aru Is).

Combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species**: Bolton, 1995b: 148.

***arthurimuelleri***. *Crematogaster gallicola* r. *arthurimuelleri* Forel, 1894b: 96 (w.)  
MOZAMBIQUE.

Combination in *C. (Decacrema)*: Arnold, 1920a: 547; Wheeler, W.M. 1922a: 860;  
combination in *C. (Acrocoelia)*: Emery, 1922e: 147;  
combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Subspecies of *gallicola***: Emery, 1922e: 147.

**Status as species**: Mayr, 1895: 144; Arnold, 1920a: 547; Wheeler, W.M. 1922a: 860;  
Bolton, 1995b: 148.

***artifex***. *Crematogaster artifex* Mayr, 1879: 684 (w.m.) THAILAND, SINGAPORE.

Forel, 1913k: 74 (q.).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 150.

**Status as species**: Dalla Torre, 1893: 79; Forel, 1903a: 682; Bingham, 1903: 139; Forel,  
1907e: 17; Forel, 1909d: 225; Forel, 1912n: 57; Forel, 1913k: 74; Viehmeyer, 1916a:  
122; Santschi, 1920h: 160; Wheeler, W.M. 1923b: 1; Santschi, 1924c: 98; Wu, J. &  
Wang, 1992: 1307; Mathew & Tiwari, 2000: 324; Zhou, 2001b: 75.

**Subspecies of *dohrni***: Forel, 1902c: 203; Emery, 1922e: 150; Wheeler, W.M. 1924b:  
246; Wheeler, W.M. 1927d: 4; Wheeler, W.M. 1927h: 87; Wheeler, W.M. 1928c: 16;  
Wheeler, W.M. 1930h: 65; Chapman & Capco, 1951: 90; Bolton, 1995b: 148; Mohanraj,  
*et al.* 2010: 6; Guénard & Dunn, 2012: 42; Bharti, Guénard, *et al.* 2016: 36.

***aruga***. *Crematogaster (Physocrema) arcuata* var. *aruga* Forel, 1913l: 234 (w.) BRAZIL  
(Espírito Santo).

Combination in *C. (Orthocrema)*: Emery, 1922e: 134;

combination in *C. (Neocrema)*: Kempf, 1972a: 83.

Subspecies of *arcuata*: Emery, 1922e: 134; Borgmeier, 1927c: 92; Kempf, 1972a: 83;  
Bolton, 1995b: 148.

Junior synonym of *arcuata*: Longino, 2003a: 35.

***ascendens***. *Crematogaster (Eucrema) inca* subsp. *ascendens* Wheeler, W.M. 1925a: 28 (w.)  
PERU.

Subspecies of *inca*: Kempf, 1972a: 82; Bolton, 1995b: 148.

Junior synonym of *limata*: Longino, 2003a: 79; Morgan & Mackay, 2017: 212.

***ashmeadi***. *Crematogaster ashmeadi* Mayr, 1886d: 463 (w.m.) U.S.A. (Virginia, Florida,  
Georgia).

[Note: type-locality designated as Florida by Creighton, 1950a: 206.]

Morgan & Mackay, 2017: 73 (q.).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 141;

combination in *C. (Crematogaster)*: Buren, 1968b: 92.

**Status as species**: Cresson, 1887: 262; Dalla Torre, 1893: 79; Emery, 1895c: 286;  
Wheeler, W.M. 1905b: 126; Wheeler, W.M. 1908e: 482; Wheeler, W.M. 1910g: 564;  
Wheeler, W.M. 1913c: 115; Wheeler, W.M. 1919g: 111; Emery, 1922e: 141; Smith,  
M.R. 1930a: 4; Wheeler, W.M. 1932a: 7; Enzmann, J. 1946c: 93; Creighton, 1950a: 206;  
Smith, M.R. 1951a: 808; Smith, M.R. 1958c: 125; Carter, 1962a: 6 (in list); Wilson,  
1964b: 5; Buren, 1968b: 92 (in key); Kempf, 1972a: 81; Smith, D.R. 1979: 1377;  
Johnson, C. 1988: 315 (redescription); Deyrup, *et al.* 1989: 95; Bolton, 1995b: 148;  
Deyrup, 2003: 44; MacGown & Forster, 2005: 72; Deyrup, 2017: 60; Morgan & Mackay,  
2017: 71 (redescription).

**Senior synonym of *matura***: Creighton, 1950a: 206; Smith, M.R. 1958c: 125; Smith,  
D.R. 1979: 1377; Bolton, 1995b: 148; Morgan & Mackay, 2017: 71.

*assmuthi*. *Crematogaster (Oxygyne) aberrans* var. *assmuthi* Forel, 1913e: 662 (w.q.) INDIA (Maharashtra).

Subspecies of *aberrans*: Emery, 1922e: 157; Chapman & Capco, 1951: 100; Bolton, 1995b: 148.

Junior synonym of *aberrans*: Hosoishi, 2015: 70.

*atavista*. *Crematogaster sanguinea* var. *atavista* Mann, 1920: 425 (w.) CUBA.

**Subspecies of sanguinea**: Wheeler, W.M. 1937b: 449; Enzmann, J. 1946c: 93; Kempf, 1972a: 82; Alayo, 1974: 33; Bolton, 1995b: 148.

*aterrima*. *Crematogaster formosa* var. *aterrima* Wheeler, W.M. 1909b: 234 (w.m.) MEXICO (Veracruz).

Combination in *C. (Orthocrema)*: Emery, 1922e: 135.

Subspecies of *formosa*: Emery, 1922e: 135; Kempf, 1972a: 87; Bolton, 1995b: 148.

Junior synonym of *formosa*: Morgan & Mackay, 2017: 181.

*atitlanica*. *Crematogaster (Apterocrema) atitlanica* Wheeler, W.M. 1936c: 47, fig. 1 (q.m.) GUATEMALA.

Wheeler, G.C. & Wheeler, J. 1960b: 13 (l.).

Status as species: Kempf, 1972a: 81; Bolton, 1995b: 148.

Junior synonym of *sumichrasti*: Longino, 2003a: 114; Morgan & Mackay, 2017: 374.

*atkinsoni*. *Crematogaster atkinsoni* Wheeler, W.M. 1919g: 108, fig. 1b (w.) U.S.A. (Florida).

Wheeler, W.M. 1932a: 9 (q.m.).

Combination in *C. (Acrocoelia)*: Creighton, 1950a: 207;

combination in *C. (Crematogaster)*: Buren, 1968b: 92.

Status as species: Smith, M.R. 1930a: 4; Wheeler, W.M. 1932a: 8; Enzmann, J. 1946c: 93; Creighton, 1950a: 207; Smith, M.R. 1951a: 808; Buren, 1968b: 92 (in key); Smith, D.R. 1979: 1377; Johnson, C. 1988: 316 (redescription); Deyrup, et al. 1989: 95; Bolton, 1995b: 148; Deyrup, 2003: 44; MacGown & Forster, 2005: 72; Deyrup, 2017: 61.

Junior synonym of *laeviuscula*: Morgan & Mackay, 2017: 197.

*atlantis*. *Crematogaster (Acrocoelia) laestrygon* var. *atlantis* Santschi, 1937e: 306.

[First available use of *Crematogaster auberti* subsp. *laestrygon* var. *atlantis* Forel, 1911d: 341 (w.q.m.) ALGERIA; unavailable (infrasubspecific) name.]

Athias-Henriot, 1947: 249 (l.).

As unavailable (infrasubspecific) name: Emery, 1912e: 658; Emery, 1922e: 142; Emery, 1926: 2; Karavaiev, 1927b: 105; Santschi, 1929e: 148.

**Subspecies of laestrygon**: Athias-Henriot, 1947: 249; Bolton, 1995b: 148; Cagniant, 2005: 11; Cagniant, 2006a: 198.

*atra*. *Crematogaster atra* Mayr, 1870b: 994 (w.) MEXICO (no state data).

Combination in *C. (Orthocrema)*: Emery, 1922e: 134.

**Status as species**: Emery, 1888c: 356; André, 1893b: 152; Dalla Torre, 1893: 79; von Jhering, 1894: 394; Forel, 1899c: 81; Emery, 1922e: 134; Borgmeier, 1927c: 92; Wheeler, W.M. 1942: 193; Kempf, 1972a: 84; Bolton, 1995b: 148; Longino, 2003a: 129; Morgan & Mackay, 2017: 85 (redescription).

*atraplex*. *Crematogaster (Sphaerocrema) bequaerti* var. *atraplex* Santschi, in Wheeler, W.M. 1922a: 155 (w.) DEMOCRATIC REPUBLIC OF CONGO.

[Misspelled as *atrapex* by Santschi, 1928d: 66, Santschi, 1937a: 57 (in key).]

**Subspecies of bequaerti**: Santschi, 1928d: 66; Santschi, 1937a: 57 (in key); Menozzi, 1942: 169; Bolton, 1995b: 148.

*atratula*. *Crematogaster scutellaris* subsp. *schmidti* var. *atratula* Zimmermann, 1935: 21 (w.) YUGOSLAVIA; unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Santschi, 1937e: 311 (in key).

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 148.

Material referred to *montenigrina* by Karaman, M.G. 2008: 14.

*atrigaster*. *Crematogaster meneliki* r. *occidentalis* var. *atrigaster* Forel, 1913h: 353 (w.) DEMOCRATIC REPUBLIC OF CONGO; unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Emery, 1922e: 148; Wheeler, W.M. 1922a: 841.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 148.

*atriscapis*. *Crematogaster ruspolii* var. *atriscapis* Forel, 1915c: 338 (w.) DEMOCRATIC REPUBLIC OF CONGO.

Combination in *C. (Acrocoelia)*: Emery, 1922e: 148.

**Subspecies of *ruspolii***: Forel, 1916: 405; Wheeler, W.M. 1922a: 843; Emery, 1922e: 148; Bolton, 1995b: 148.

*auberti*. *Crematogaster auberti* Emery, 1869b: 23 (footnote) (w.) FRANCE.

André, 1883b: 395 (q.); Emery, 1891b: 14 (m.).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 142;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

As unavailable (infrasubspecific) name: Emery & Forel, 1879: 464.

**Subspecies of *scutellaris***: André, 1883b: 393; Medina, 1893: 105.

**Subspecies of *schmidti***: Emery, 1891b: 14; Dalla Torre, 1893: 85.

**Subspecies of *inermis***: Emery, 1926: 3; Ceballos, 1956: 303.

**Status as species**: Forel, 1894d: 24; Forel, 1895d: 227; Forel, 1902a: 154; Ruzsky, 1905b: 493; Forel, 1906c: 189; Forel, 1910a: 9; Forel, 1911d: 341; Forel, 1911e: 274; Karavaiev, 1912a: 11; Emery, 1912e: 656; Emery, 1916b: 155; Bondroit, 1918: 115; Santschi, 1921e: 168; Emery, 1922e: 142; Menozzi, 1922b: 327; Viehmeyer, 1923: 90; Santschi, 1925g: 347; Karavaiev, 1927a: 290; Karavaiev, 1927b: 104; Finzi, 1930b: 15; Santschi, 1932c: 70; Menozzi, 1933b: 61 (in key); Santschi, 1937e: 300; Finzi, 1940: 160; Bernard, 1956b: 258; Fromantin & Soulié, 1961: 96; Cagniant, 1964: 88; Cagniant, 1966b: 279; Bernard, 1967: 163 (redescription); Cagniant, 1968a: 143; Collingwood & Yarrow, 1969: 65; Cagniant, 1970a: 417; Baroni Urbani, 1971c: 77; Hamann & Klemm, 1976: 672; Collingwood, 1978: 82 (in key); Collingwood, 1985: 260; Agosti & Collingwood, 1987b: 272 (in key); Casevitz-Weulersse, 1990b: 137; Hohmann, *et al.* 1993: 148; Bolton, 1995b: 148; Collingwood & Agosti, 1996: 330; Espadaler, 1997b: 29; Collingwood & Prince, 1998: 14 (in key); Cagniant, 2005: 10; Cagniant, 2006a: 197; Petrov, 2006: 93 (in key); Casevitz-Weulersse & Galkowski, 2009: 487; Vonshak, *et al.* 2009: 41; Lapeva-Gjonova, *et al.* 2010: 17; Legakis, 2011: 13; Borowiec, L. & Salata, 2012: 488; Kiran & Karaman, 2012: 18; Borowiec, L. 2014: 64 (see note in bibliography); Lebas, *et al.* 2016: 270; Sharaf, Aldawood & Hita Garcia, 2019: 44.

**Senior synonym of *iberica***: Collingwood, 1978: 69; Bolton, 1995b: 148; Sharaf, Aldawood & Hita Garcia, 2019: 46.

Current subspecies: nominal plus *karawaewi*, *levithorax*, *nigripes*, *regilla*, *savinae*, *vogti*.

*augusti*. *Crematogaster augusti* Emery, 1895h: 31 (footnote), pl. 2, figs. 19, 20 (q.) INDONESIA (Sumatra).

Combination in *C. (Oxygyne)*: Emery, 1922e: 157.

**Status as species:** Emery, 1922e: 157; Chapman & Capco, 1951: 100; Bolton, 1995b: 148; Hosoishi, 2015: 72.

*augusticeps*, misspelling, see under *angusticeps*.

**aurita.** *Crematogaster (Physocrema) aurita* Karavaiev, 1935a: 92, fig. 18 (w.) CAMBODIA.

**Status as species:** Chapman & Capco, 1951: 102; Bolton, 1995b: 148; Hosoishi & Ogata, 2009a: 3 (redescription); Hosoishi & Ogata, 2009b: 20 (redescription); Jaitrong, Guénard, *et al.* 2016: 34.

**\*aurora.** \**Crematogaster aurora* LaPolla & Greenwalt, 2015: 169, fig. 9 (q.) U.S.A. (Montana, Eocene).

**australis.** *Crematogaster australis* Mayr, 1876: 108 (w.q.m.) AUSTRALIA (Queensland).

Wheeler, G.C. & Wheeler, J. 1973a: 28 (l.).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 152;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species:** Dalla Torre, 1893: 79; Crawley, 1915b: 236; Emery, 1922e: 152; Taylor & Brown, 1985: 60; Taylor, 1987a: 22; Bolton, 1995b: 148.

Current subspecies: nominal plus *chillagoensis*, *sycites*.

**autruni.** *Crematogaster (Crematogaster) stollii* subsp. *autruni* Mann, 1916: 441 (w.) BRAZIL (Amazonas).

Combination in *C. (Orthocrema)*: Emery, 1922e: 136.

Subspecies of *stollii*: Emery, 1922e: 136; Borgmeier, 1927c: 96; Kempf, 1972a: 89; Bolton, 1995b: 148.

Junior synonym of *stollii*: Longino, 2003a: 109.

**azumai.** *Crematogaster (Acrocoelia) brunnea* st. *ruginota* var. *azumai* Santschi, 1941: 275 (w.) JAPAN; unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Chapman & Capco, 1951: 88; Onoyama, 1980: 198.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 148.

Material referred to *teranishii* by Onoyama, 1998: 230; Imai, *et al.* 2003: 109.

**baduvi.** *Crematogaster baduvi* Forel, 1912d: 106 (w.) INDONESIA (Java).

[Misspelled as *batuvi* by Crawley, 1924: 394, Chapman & Capco, 1951: 96.]

Forel, 1913k: 77 (q.); Menozzi, 1935a: 104 (m.).

Combination in *C. (Orthocrema)*: Emery, 1922e: 131.

**Status as species:** Forel, 1913k: 77; Emery, 1922e: 131; Crawley, 1924: 394; Menozzi, 1935a: 104; Chapman & Capco, 1951: 96; Bolton, 1995b: 148; Hosoishi & Ogata, 2016a: 566 (redescription).

**baetica.** *Crematogaster laestrygon* subsp. *vaucherii* var. *baetica* Emery, 1926: 3 (w.) SPAIN; unavailable (infrasubspecific) name.

[Misspelled as *boetica* by Santschi, 1937e: 308, 313 (in key).]

As unavailable (infrasubspecific) name: Santschi, 1937e: 313 (in key); Ceballos, 1956: 304.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 148.

**bakeri.** *Crematogaster (Physocrema) bakeri* Menozzi, 1925c: 447, fig. 6 (w.) PHILIPPINES (Mindanao I.).

**Status as species:** Donisthorpe, 1941: 226 (in key); Chapman & Capco, 1951: 102; Baltazar, 1966: 251; Bolton, 1995b: 148; Hosoishi & Ogata, 2009b: 21.

**bandarensis**. *Crematogaster biroi* var. *bandarensis* Forel, 1913k: 76 (w.q.) INDONESIA (Sumatra).

Combination in *C. (Orthocrema)*: Emery, 1922e: 132.

**Subspecies of biroi**: Emery, 1922e: 132; Menozzi, 1935a: 113 (in key); Chapman & Capco, 1951: 97; Bolton, 1995b: 148.

**Status as species**: Hosoishi & Ogata, 2016a: 575 (redescription).

**Senior synonym of andelis**: Hosoishi & Ogata, 2016a: 575.

**bantuana**. *Crematogaster amita* st. *matabele* var. *bantuana* Santschi, 1925h: 161 (w.) ANGOLA; unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Santschi, 1926b: 228; Santschi, 1930b: 55; Menozzi, 1942: 169.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 148.

**bara**. *Crematogaster bara* Blaimer, in Blaimer & Fisher, 2013b: 20, fig. 7 (w.q.) MADAGASCAR.

**barbouri**. *Crematogaster barbouri* Weber, 1934a: 24, fig. 1 (w.q.m.) CUBA.

Combination in *C. (Orthocrema)*: Kempf, 1972a: 84.

**Status as species**: Kempf, 1972a: 84; Alayo, 1974: 13 (in key); Bolton, 1995b: 148.

**Junior synonym of cubaensis**: Longino, 2003a: 132.

**bassuto**. *Crematogaster (Sphaerocrema) hottentota* var. *bassuto* Santschi, 1925h: 161 (footnote) (w.) LESOTHO.

[Also described as new by Santschi, 1926b: 224.]

**Subspecies of hottentota**: Menozzi, 1942: 169; Bolton, 1995b: 148.

**batesi**. *Crematogaster batesi* Forel, 1911e: 270 (w.) NIGERIA.

Combination in *C. (Atopogyne)*: Wheeler, W.M. 1922a: 853.

**Status as species**: Emery, 1922e: 155; Wheeler, W.M. 1922a: 853; Bolton, 1995b: 148.

**batuvi**, misspelling, see under *baduvi*.

**bayeri**. *Crematogaster (Acrocoelia) chiarinii* st. *bayeri* Santschi, 1926b: 215 (w.) KENYA.

**Subspecies of chiarinii**: Bolton, 1995b: 148; Hita Garcia, et al. 2013: 210.

**behanzini**. *Crematogaster pronotalis* var. *behanzini* Santschi, 1915c: 251 (w.) BENIN.

Combination in *C. (Sphaerocrema)*: Wheeler, W.M. 1922a: 848.

**Subspecies of pronotalis**: Wheeler, W.M. 1922a: 848; Emery, 1922e: 153.

**Subspecies of kneri**: Santschi, 1926b: 228; Menozzi, 1942: 169; Bolton, 1995b: 148.

**benitensis**. *Crematogaster striatula* var. *benitensis* Santschi, 1910c: 374 (w.) CONGO.

Combination in *C. (Sphaerocrema)*: Wheeler, W.M. 1922a: 849.

**Subspecies of striatula**: Wheeler, W.M. 1922a: 849; Emery, 1922e: 153; Santschi, 1926b: 228; Menozzi, 1942: 169; Bolton, 1995b: 148.

**bequaerti**. *Crematogaster bequaerti* Forel, 1913b: 319 (w.q.) DEMOCRATIC REPUBLIC OF CONGO.

Combination in *C. (Sphaerocrema)*: Santschi, 1918d: 182.

**Status as species**: Emery, 1922e: 152; Wheeler, W.M. 1922a: 155, 845; Santschi, 1928d: 66; Santschi, 1937a: 56 (in key); Menozzi, 1942: 169; Bernard, 1953b: 233; Bolton, 1995b: 148.

Current subspecies: nominal plus *atraplex*, *gerardi*, *ludia*, *modica*, *mutabilis*, *semiclara*.

**betapicalis**. *Crematogaster betapicalis* Bolton, 1995b: 148.

**Replacement name for** *Crematogaster apicalis* Smith, F. 1878b: 12. [Junior primary homonym of *Crematogaster apicalis* Motschulsky, 1863: 20.]

**Status as species:** Bharti, Guénard, *et al.* 2016: 35.

**bicolor.** *Crematogaster bicolor* Smith, F. 1860b: 109 (w.) INDONESIA (Bacan I.).

Mayr, 1867a: 104 (q.m.).

Combination in *C. (Orthocrema)*: Emery, 1922e: 131;

combination in *C. (Acrocoelia)*: Donisthorpe, 1932c: 463;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species:** Mayr, 1863: 404; Roger, 1863b: 37; Mayr, 1867a: 103 (redescription); Mayr, 1879: 681 (in key); Emery, 1888a: 533; Dalla Torre, 1893: 79; Emery, 1900d: 689; Emery, 1922e: 131; Donisthorpe, 1932c: 463; Menozzi, 1935a: 113 (in key); Chapman & Capco, 1951: 96; Baltazar, 1966: 250; Bolton, 1995b: 148.

Current subspecies: nominal plus *imbellis*.

**bicolor.** *Oecodoma (Atta) bicolor* Buckley, 1867: 350 (w.) U.S.A. (Texas).

[Junior secondary homonym of *Crematogaster bicolor* Smith, 1860b: 109.]

Junior synonym of *laeviuscula*: Cresson, 1887: 259.

Unidentifiable taxon: Wheeler, W.M. 1902f: 31.

**Replacement name:** *Crematogaster clara* Mayr, 1870b: 993.

[Note: *clara* junior synonym of *bicolor* Buckley (synonymy by McCook, 1880: 188); hence *clara* first available replacement name.]

**biemarginata.** *Crematogaster africana* var. *biemarginata* Forel, 1910e: 433 (w.) CAMEROON.

Combination in *C. (Atopogyne)*: Wheeler, 1922a: 852.

As unavailable (infrasubspecific) name: Emery, 1922e: 154.

**Subspecies of africana:** Wheeler, W.M. 1922a: 852; Bolton, 1995b: 148.

**biformis.** *Crematogaster biformis* André, 1892b: 53 (w.) BORNEO (no state data).

Combination in *C. (Decacrema)*: Forel, 1911a: 32.

**Status as species:** Dalla Torre, 1893: 79; Wheeler, W.M. 1919e: 79; Emery, 1922e: 138; Chapman & Capco, 1951: 86, 94; Bolton, 1995b: 148; Pfeiffer, *et al.* 2011: 45; Feldhaar, *et al.* 2016: 681 (redescription).

**biimpressa.** *Crematogaster buchneri* subsp. *biimpressa* Mayr, 1895: 139 (w.) CONGO.

[Misspelled as *bimpressa* by Santschi, 1930b: 55.]

Combination in *C. (Atopogyne)*: Wheeler, W.M. 1922a: 854.

**Subspecies of buchneri:** Santschi, 1921c: 119; Wheeler, W.M. 1922a: 854; Emery, 1922e: 155.

**Subspecies of clariventris:** Santschi, 1930b: 69; Santschi, 1933b: 100; Santschi, 1937d: 227; Bolton, 1995b: 148.

**binghamii.** *Crematogaster binghamii* Forel, 1904c: 24 (w.) INDIA (Sikkim).

[Misspelled as *bingami* by Menozzi, 1939a: 334.]

Combination in *C. (Orthocrema)*: Santschi, 1918d: 182.

**Status as species:** Emery, 1922e: 131; Menozzi, 1939a: 300 (in key); Chapman & Capco, 1951: 96; Collingwood, 1970: 376; Bolton, 1995b: 148; Guénard & Dunn, 2012: 42; Bharti, Guénard, *et al.* 2016: 35; Hosoiishi & Ogata, 2016a: 576 (redescription).

**bingo.** *Crematogaster bingo* Forel, 1908c: 368 (w.) BRAZIL (São Paulo).

Combination in *C. (Crematogaster)*: Emery, 1922e: 137;

combination in *C. (Eucrema)*: Santschi, 1922d: 244.

**Status as species:** Luederwaldt, 1918: 41; Emery, 1922e: 137; Borgmeier, 1927c: 98; Kempf, 1972a: 82; Bolton, 1995b: 148.

**bipartita.** *Crematogaster (Orthocrema) dispar* var. *bipartita* Emery, 1922e: 132.

[First available use of *Crematogaster sordidula* r. *dispar* var. *bipartita* Forel, 1915b: 54 (w.) AUSTRALIA (“N.W. Australien”); unavailable (infrasubspecific) name (Taylor, 1986: 34).]

**Subspecies of *dispar*:** Bolton, 1995b: 148.

***biroi*.** *Crematogaster biroi* Mayr, 1897: 428 (w.) SRI LANKA.

Bingham, 1903: 138 (q.); Imai, *et al.* 1984: 6 (k.).

Combination in *C. (Orthocrema)*: Emery, 1922e: 131.

**Status as species:** Forel, 1903a: 682; Bingham, 1903: 138; Forel, 1906b: 89; Forel, 1912a: 70; Wheeler, W.M. 1912a: 45; Emery, 1922e: 131; Wheeler, W.M. 1927h: 87; Wheeler, W.M. 1928c: 17; Wheeler, W.M. 1929g: 44; Wheeler, W.M. 1930a: 99; Wheeler, W.M. 1930h: 66; Wheeler, W.M. 1935g: 21; Menozzi, 1939a: 300 (in key); Teranishi, 1940: 58; Chapman & Capco, 1951: 96; Wang, M., 1992: 679; Bolton, 1995b: 148; Wu, J. & Wang, 1995: 63; Tang, J., Li, *et al.* 1995: 65; Tiwari, 1999: 49; Mathew & Tiwari, 2000: 324; Zhou, 2001b: 74; Lin & Wu, 2003: 62; Zhou, 2006: 582; Terayama, 2009: 177; Guénard & Dunn, 2012: 42; Bharti, Guénard, *et al.* 2016: 35; Hosoiishi & Ogata, 2016a: 577 (redescription).

**Senior synonym of *aitkenii*:** Hosoiishi & Ogata, 2016a: 577.

**Senior synonym of *smythiesii*:** Hosoiishi & Ogata, 2016a: 577.

**Senior synonym of *urvijae*:** Hosoiishi & Ogata, 2016a: 577.

***biroi*.** *Crematogaster biroi* Emery, 1900c: 332, pl. 8, figs. 39-41 (w.) NEW GUINEA (Papua New Guinea).

[**Junior primary homonym** of *Crematogaster biroi* Mayr, 1897: 428.]

**Replacement name:** *Crematogaster emeryi* Forel, 1907a: 25.

***bison*.** *Crematogaster bison* Forel, 1913f: 195 (in text) (w.) TAIWAN.

Combination in *C. (Acrocoelia)*: Emery, 1922e: 149;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

Junior synonym of *dohrni fabricans*: Lin & Wu, 2003: 62 (error).

**Status as species:** Emery, 1922e: 149; Chapman & Capco, 1951: 86; Bolton, 1995b: 148; Terayama, 2009: 177.

***boera*.** *Crematogaster (Orthocrema) boera* Santschi, 1926b: 211 (w.) ZIMBABWE.

**Status as species:** Bolton, 1995b: 148.

***boetica*,** misspelling, see under *baetica*.

***bogojawlenskii*.** *Crematogaster sordidula* subsp. *bogojawlenskii* Ruzsky, 1905b: 506 (w.m.) TADJIKISTAN.

**Subspecies of *sordidula*:** Emery, 1912e: 671; Emery, 1922e: 131; Pisarski, 1967: 388; Pisarski, 1970: 308.

Junior synonym of *sordidula*: Atanassov & Dlussky, 1992: 182.

**Status as species:** Dlussky, Soyunov & Zabelin, 1990: 243; Arakelian, 1994: 44; Bolton, 1995b: 148; Schultz, R. *et al.* 2006: 206; Gratiashvili & Barjadze, 2008: 138; Paknia, *et al.* 2008: 152; Borowiec, L. 2014: 65.

**Senior synonym of *kosti*:** Arakelian, 1994: 44; Bolton, 1995b: 148; Gratiashvili & Barjadze, 2008: 138.

***boliviiana*.** *Tranopeltoides boliviianus* Wheeler, W.M. 1922e: 13, fig. 3a-c (m.) BOLIVIA.

Combination in *Crematogaster*: Kempf, 1960c: 174;

combination in *C. (Orthocrema)*: Kempf, 1972a: 84.

**Status as species:** Kempf, 1960c: 174; Kempf, 1972a: 84; Bolton, 1995b: 149.

*boliviana*. *Crematogaster (Orthocrema) longispina* var. *boliviana* Wheeler, W.M. 1925a: 25 (w.q.) BOLIVIA.

[Junior secondary homonym of *Tranopeltoides bolivianus* Wheeler, W.M. 1922e: 13 (Bolton, 1995b: 148).]

Subspecies of *longispina*: Kempf, 1972a: 88; Bolton, 1995b: 149.

**Replacement name:** *Crematogaster longispina nura* Özdkmen, 2010c: 989.

*bomaella*. *Crematogaster excisa* st. *bomaella* Santschi, 1935a: 258 (w.) DEMOCRATIC REPUBLIC OF CONGO.

Subspecies of *excisa*: Bolton, 1995b: 149.

*borneensis*. *Crematogaster borneensis* André, 1896b: 263 (w.) BORNEO (no state data).

Forel, 1911d: 386 (m.).

Combination in *C. (Decacrema)*: Forel, 1910a: 18.

**Status as species:** Forel, 1912n: 57; Viehmeyer, 1916a: 126; Wheeler, W.M. 1919e: 78; Emery, 1922e: 138; Chapman & Capco, 1951: 94; Bolton, 1995b: 149; Pfeiffer, et al. 2011: 45; Feldhaar, et al. 2016: 665 (redescription).

**Senior synonym of capax:** Feldhaar, et al. 2016: 665.

**Senior synonym of hosei:** Feldhaar, et al. 2016: 665.

**Senior synonym of macarangae:** Feldhaar, et al. 2016: 665.

**Senior synonym of sembilana:** Feldhaar, et al. 2016: 665.

*bosqi*. *Crematogaster (Orthocrema) iheringi* st. *bosqi* Santschi, 1934c: 29 (w.q.) ARGENTINA (Tucumán).

[Misspelled as *bosqui* by Kempf, 1972a: 87.]

**Subspecies of iheringi:** Kusnezov, 1953b: 337; Kempf, 1972a: 87; Bolton, 1995b: 149.

*bouvardi*. *Crematogaster walshi* st. *bouvardi* Santschi, 1920h: 160 (w.q.) VIETNAM.

[Also described as new by Santschi, 1924c: 98.]

[Misspelled as *bourvardi* by Chapman & Capco, 1951: 100.]

**Subspecies of walshi:** Santschi, 1924c: 98; Santschi, 1925f: 91; Chapman & Capco, 1951: 100; Bolton, 1995b: 149.

**Status as species:** Hosoiishi & Ogata, 2012: 22 (redescription); Jaitrong, Guénard, et al. 2016: 34.

*boxi*. *Crematogaster (Sphaerocrema) boxi* Donisthorpe, 1945a: 10 (w.) GHANA.

Status as species: Donisthorpe, 1945d: 265.

Junior synonym of *wellmani*: Bolton, 1995b: 149.

*brasiliensis*. *Crematogaster brasiliensis* Mayr, 1878: 875 (w.) BRAZIL (“Nord-Brasilien in der Umgegend des Amazonenstromes”).

[Note: type-localities Pará and Amazonas, after Benson & Setz, 1985.]

Forel, 1912f: 217 (q.).

Combination in *C. (Orthocrema)*: Emery, 1922e: 136.

**Status as species:** Dalla Torre, 1893: 80; Forel, 1895b: 131; Forel, 1899c: 83; Forel, 1912f: 217; Mann, 1916: 443; Wheeler, W.M. 1916d: 324; Emery, 1922e: 136; Wheeler, W.M. 1922c: 8; Wheeler, W.M. 1923a: 3; Wheeler, W.M. 1925a: 26; Borgmeier, 1927c: 92; Wheeler, W.M. 1942: 193; Kempf, 1961b: 503; Kempf, 1970b: 332; Kempf, 1972a: 84; Brandão, 1991: 339; Bolton, 1995b: 149; Longino, 2003a: 37 (redescription); Branstetter & Sáenz, 2012: 258; Bezděcková, et al. 2015: 116; Pedraza & Fernández, 2019: 895.

**Senior synonym of armandi:** Longino, 2003a: 37.

**Senior synonym of cocciphila:** Longino, 2003a: 37.

**Senior synonym of *inca*:** Longino, 2003a: 37.

**Senior synonym of *ludio*:** Longino, 2003a: 37.

Current subspecies: nominal plus *arawak*.

***braunsi*.** *Crematogaster (Orthocrema) natalensis* var. *braunsi* Emery, 1922e: 131.

[First available use of *Crematogaster sordidula* subsp. *natalensis* var. *braunsi* Forel, 1911f: 277 (w.) SOUTH AFRICA; unavailable (infrasubspecific) name.]

[*Crematogaster braunsi* Forel, 1910e: 432. *Nomen nudum* (attributed to Mayr).]

As unavailable (infrasubspecific) name: Arnold, 1920a: 539.

**Subspecies of *natalensis*:** Santschi, 1926b: 212; Bolton, 1995b: 149.

***brazzai*.** *Crematogaster impressa* st. *brazzai* Santschi, 1910c: 373 (w.q.) CONGO.

Combination in *C. (Acrocoelia)*: Emery, 1922e: 147.

[Misspelled as *brazzae* by Forel, 1913h: 352 (in text).]

As unavailable (infrasubspecific) name: Santschi, 1913a: 412 (in key); Wheeler, W.M. 1922a: 841.

**Subspecies of *impressa*:** Forel, 1913h: 352 (in text); Emery, 1922e: 147; Menozzi, 1926a: 39; Santschi, 1937b: 99; Bolton, 1995b: 149.

***brevarmata*.** *Crematogaster santschii* var. *brevarmata* Forel, 1915c: 337 (w.m.) DEMOCRATIC REPUBLIC OF CONGO.

[Misspelled as *breviarmata* by Santschi, 1930a: 65, and others.]

Santschi, 1930a: 65 (q.).

Combination in *C. (Oxygyne)*: Wheeler, W.M. 1922a: 858;

combination in *C. (Acrocoelia)*: Emery, 1922e: 148.

**Subspecies of *santschii*:** Wheeler, W.M. 1922a: 858; Emery, 1922e: 148.

**Subspecies of *margaritae*:** Santschi, 1930a: 65; Santschi, 1935a: 260; Bolton, 1995b: 149.

***brevidentata*.** *Crematogaster brevispinosa* var. *brevidentata* Forel, 1912f: 212 (w.) BARBADOS.

Combination in *C. (Orthocrema)*: Emery, 1922e: 134.

As unavailable (infrasubspecific) name: Kempf, 1972a: 85.

**Subspecies of *brevispinosa*:** Emery, 1922e: 134; Wheeler, W.M. 1923c: 4; Bolton, 1995b: 149.

**Status as species:** Longino, 2003a: 131; Wetterer, et al. 2016: 22.

***brevimandibularis*.** *Crematogaster (Orthocrema) brevimandibularis* Donisthorpe, 1943d: 451 (m.) NEW GUINEA (Indonesia: Waigeu I.).

**Status as species:** Chapman & Capco, 1951: 97; Bolton, 1995b: 149.

***brevis*.** *Crematogaster brevis* Emery, 1887b: 467 (footnote), pl. 2, fig. 19 (w.q.) INDONESIA (Java).

Combination in *C. (Orthocrema)*: Emery, 1922e: 132;

combination in *C. (Mesocrema)*: Santschi, 1928b: 33.

**Status as species:** Dalla Torre, 1893: 80; Emery, 1922e: 132; Menozzi, 1935a: 112 (in key); Chapman & Capco, 1951: 97; Bolton, 1995b: 149; Hosoiishi & Ogata, 2012: 22 (redescription).

***brevispina*.** *Crematogaster brevispina* Hosoiishi & Ogata, 2016a: 579, fig. 101 (w.) PHILIPPINES (Negros I.).

***brevispinosa*.** *Crematogaster brevispinosa* Mayr, 1870a: 403 (w.) COLOMBIA (“New Granada”).

Wheeler, G.C. & Wheeler, J. 1952b: 260 (l.).

Combination in *C. (Orthocrema)*: Santschi, 1918d: 182.

Status as species: Mayr, 1870b: 992 (in key); Mayr, 1884: 37; Mayr, 1887: 626; Emery, 1890b: 53; Dalla Torre, 1893: 80; Pergande, 1894: 165; Emery, 1894k: 57; Emery, 1896h: 625; Forel, 1899c: 84; Emery, 1906c: 140; Wheeler, W.M. 1907a: 272; Forel, 1907e: 6; Forel, 1908b: 47; Forel, 1909a: 258; Wheeler, W.M. 1911a: 28; Wheeler, W.M. 1911b: 169; Forel, 1912f: 211; Santschi, 1913h: 36; Wheeler, W.M. 1913d: 241; Forel, 1914e: 11; Wheeler, W.M. 1916c: 12; Mann, 1916: 443; Luederwaldt, 1918: 41; Wheeler, W.M. 1922c: 8; Mann, 1922: 29; Emery, 1922e: 134; Wheeler, W.M. 1923c: 4; Wheeler, W.M. 1925a: 24; Essig, 1926: 860; Borgmeier, 1927c: 92; Menozzi, 1927c: 267; Santschi, 1929d: 293; Menozzi, 1931b: 267; Gallardo, 1934: 11 (redescription); Menozzi, 1935b: 195; Wheeler, W.M. 1942: 194; Kempf, 1972a: 84; Zolessi, *et al.* 1988: 4; Brandão, 1991: 338; Bolton, 1995b: 149.

Junior synonym of *crinosa*: Longino, 2003a: 49; Morgan & Mackay, 2017: 124.

**breviventris**. *Crematogaster (Nematocrema) breviventris* Santschi, 1920d: 379 (q.) CAMEROON.

**Status as species**: Wheeler, W.M. 1922a: 859; Bolton, 1995b: 149.

**brieyi**. *Crematogaster africana* r. *winkleri* var. *brieyi* Forel, 1913h: 352 (w.) DEMOCRATIC REPUBLIC OF CONGO; unavailable (infrasubspecific) name.

[Misspelled as *briegi* by Emery, 1922e: 155.]

As unavailable (infrasubspecific) name: Emery, 1922e: 155; Wheeler, W.M. 1922a: 853.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 149.

**brookei**. *Crematogaster brookei* Menozzi, in Eidmann, 1941: 18 (w.) CHINA. *Nomen nudum*.

**broomensis**. *Crematogaster leviceps* var. *broomensis* Forel, 1915b: 56 (w.) AUSTRALIA (Western Australia).

**Subspecies of laeviceps**: Taylor & Brown, 1985: 61; Taylor, 1987a: 23; Bolton, 1995b: 149.

**browni**. *Crematogaster (Crematogaster) browni* Buren, 1968b: 100 (w.q.) U.S.A. (Arizona, Texas, New Mexico), MEXICO (Sonora, Chihuahua).

Status as species: Hunt & Snelling, 1975: 21; Smith, D.R. 1979: 1377; Bolton, 1995b: 149; Mackay & Mackay, 2002: 86.

Junior synonym of *cerasi*: Morgan & Mackay, 2017: 91.

**bruchi**. *Crematogaster bruchi* Forel, 1912f: 219 (w.) ARGENTINA (Catamarca).

Combination in *C. (Orthocrema)*: Emery, 1922e: 134.

**Status as species**: Forel, 1914d: 270; Bruch, 1914: 219; Bruch, 1916: 302; Emery, 1922e: 134; Gallardo, 1934: 28; Kusnezov, 1953b: 337; Kempf, 1972a: 86; Bolton, 1995b: 149; Wild, 2007b: 32.

**bruesi**. *Crematogaster laevis* var. *bruesi* Wheeler, W.M. 1911b: 169 (w.q.) GRENADE.

Combination in *C. (Orthocrema)*: Emery, 1922e: 135.

**Subspecies of laevis**: Emery, 1922e: 135; Kempf, 1972a: 87; Bolton, 1995b: 149.

**brunensis**. *Crematogaster brunensis* Hosoishi & Ogata, 2016a: 579, fig. 102 (w.) BORNEO (Brunei).

**brunnea**. *Crematogaster brunneus* Smith, F. 1857a: 75 (w.) BORNEO (East Malaysia: Sarawak).

[Misspelled as *brunea* by Dalla Torre, 1893: 80.]

Combination in *C. (Acrocoelia)*: Emery, 1922e: 149;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species:** Smith, F. 1858b: 138; Mayr, 1863: 404; Roger, 1863b: 37; Smith, F. 1871a: 329; Mayr, 1886c: 360; Dalla Torre, 1893: 80; Wheeler, W.M. 1919e: 71; Emery, 1922e: 149; Wheeler, W.M. 1927h: 87; Wheeler, W.M. 1929f: 4; Donisthorpe, 1932c: 450; Karavaiev, 1935a: 91; Chapman & Capco, 1951: 86; Morisita, *et al.* 1992: 60; Bolton, 1995b: 149; Pfeiffer, *et al.* 2011: 45; Guénard & Dunn, 2012: 42; Bharti, Guénard, *et al.* 2016: 36.

Current subspecies: nominal plus *contemta*, *latipetiolata*, *nicevillei*, *nilgirica*, *rabula*, *ruginota*, *sundaica*.

*brunnea*. *Crematogaster rasoherinae* var. *brunnea* Forel, 1907g: 79 (w.q.) MADAGASCAR.

[Junior primary homonym of *Crematogaster brunneus* Smith, F. 1857a: 75.]

Subspecies of *rasoherinae*: Wheeler, W.M. 1922a: 1023.

**Replacement name:** *Crematogaster (Orthocrema) rasoherinae* var. *brunneola* Emery, 1922e: 131.

***brunneipennis***. *Crematogaster brunneipennis* André, 1890: 323 (w.q.) SIERRA LEONE.

Santschi, 1933b: 101 (m.).

[Misspelled as *bruneipennis* by Dalla Torre, 1893: 80, and others.]

Combination in *C. (Crematogaster)*: Wheeler, W.M. 1922a: 152, 829;

combination in *C. (Acrocoelia)*: Emery, 1922e: 145;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species:** Dalla Torre, 1893: 80; Mayr, 1895: 144; Arnold, 1920a: 499; Emery, 1922e: 145; Wheeler, W.M. 1922a: 152, 829; Santschi, 1933b: 101; Bolton, 1995b: 149.

Current subspecies: nominal plus *omniparens*, *yorubosa*.

*brunneola*. *Crematogaster (Orthocrema) rasoherinae* var. *brunneola* Emery, 1922e: 131.

Replacement name for *Crematogaster rasoherinae* var. *brunnea* Forel, 1907g: 79. [Junior primary homonym of *Crematogaster brunneus* Smith, F. 1857a: 75.]

Combination in *C. (Mesocrema)*: Santschi, 1928b: 33.

Subspecies of *rasoherinae*: Bolton, 1995b: 149.

Junior synonym of *rasoherinae*: Blaimer, 2012b: 38.

***brunnescens***. *Crematogaster brunnescens* Motschoulsky, 1863: 20 (w.) SRI LANKA.

[Misspelled as *brunesens* by Dalla Torre, 1893: 80.]

Combination in *C. (Acrocoelia)*: Emery, 1922e: 150;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

Unidentifiable taxon: Forel, 1903a: 682.

**Status as species:** Smith, F. 1871a: 330; Dalla Torre, 1893: 80; Emery, 1922e: 150; Chapman & Capco, 1951: 89; Bolton, 1995b: 149.

***bruta***. *Crematogaster (Acrocoelia) castanea* st. *bruta* Santschi, 1926b: 213.

[First available use of *Crematogaster tricolor* st. *ferruginea* var. *bruta* Santschi, 1913a: 413 (in key) (w.) SOUTH AFRICA; unavailable (infrasubspecific) name.]

As unavailable (infrasubspecific) name: Santschi, 1914b: 87; Santschi, 1914e: 22; Arnold, 1920a: 495; Emery, 1922e: 145; Wheeler, W.M. 1922a: 832; Stitz, 1923: 155.

**Subspecies of *castanea***: Santschi, 1930b: 68; Bolton, 1995b: 149; Hita Garcia, *et al.* 2013: 210.

***bryophilia***. *Crematogaster bryophilia* Longino, 2003a: 41, pl. 7 (w.q.) COSTA RICA, PANAMA, VENEZUELA, ECUADOR.

***buchneri***. *Crematogaster buchneri* Forel, 1894b: 94 (w.) ANGOLA.

Emery, 1899e: 479 (q.).

Combination in *C. (Atopogyne)*: Santschi, 1916b: 501.

**Status as species:** Mayr, 1895: 136 (in key); Mayr, 1896: 242; Emery, 1899e: 479; Forel, 1913e: 669; Arnold, 1920a: 520; Emery, 1922e: 155; Wheeler, W.M. 1922a: 853; Menozzi, 1926a: 39; Santschi, 1930b: 55; Santschi, 1933b: 101; Santschi, 1937d: 227; Bolton, 1995b: 149.

**Senior synonym of *halli*:** Bolton, 1995b: 149.

Current subspecies: nominal plus *composita*, *graeteri*, *uasina*.

**buddhae.** *Crematogaster buddhae* Forel, 1902c: 206 (w.) INDIA (no state data, “Himalaya”; and West Bengal).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 150;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species:** Forel, 1903a: 684; Bingham, 1903: 132; Forel, 1906b: 89; Emery, 1922e: 150; Menozzi, 1939a: 301 (in key); Chapman & Capco, 1951: 89; Bolton, 1995b: 149; Bharti, Guénard, et al. 2016: 36.

*bulawayensis.* *Crematogaster bulawayensis* Santschi, 1916b: 498.

[First available use of *Crematogaster buchneri* r. *africana* var. *bulawayensis* Forel, 1913a: 125 (w.) ZIMBABWE; unavailable (infrasubspecific) name.]

Combination in *C. (Atopogyne)*: Wheeler, W.M. 1922a: 854;

combination in *C. (Acrocoelia)*: Emery, 1922e: 148.

Subspecies of *sjostedti*: Santschi, 1918d: 185; Santschi, 1919b: 236; Santschi, 1920b: 15; Emery, 1922e: 148; Arnold, 1926: 289; Santschi, 1926b: 214.

Subspecies of *gerstaekerti*: Santschi, 1930b: 69; Santschi, 1937d: 227; Santschi, 1937g: 76.

Status as species: Arnold, 1920a: 521; Wheeler, W.M. 1922a: 854.

Synonym of *oraclum*: Arnold, 1920a: 521.

[Note: Arnold gives *bulawayensis* as senior synonym, but *oraclum* has priority (Bolton, 1995b: 159).]

Junior synonym of *oraclum*: Bolton, 1995b: 149.

**bushimana.** *Crematogaster (Sphaerocrema) amita* var. *bushimana* Santschi, 1926b: 226 (w.q.) SOUTH AFRICA.

**Subspecies of amita:** Menozzi, 1942: 169; Bolton, 1995b: 149.

**busschodtsi.** *Crematogaster tricolor* var. *busschodtsi* Emery, 1899e: 487 (w.) DEMOCRATIC REPUBLIC OF CONGO.

[Misspelled as *buschodtsi* by Santschi, 1935a: 257.]

Santschi, 1930a: 64 (q.m.).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 146.

As unavailable (infrasubspecific) name: Santschi, 1913a: 413 (in key); Emery, 1922e: 146; Wheeler, W.M. 1922a: 834.

**Subspecies of tricolor:** Forel, 1907g: 80.

**Subspecies of castanea:** Santschi, 1928d: 61; Santschi, 1930a: 64; Santschi, 1935a: 257; Santschi, 1937d: 227; Bolton, 1995b: 149.

**butteli.** *Crematogaster (Oxygyne) butteli* Forel, 1913k: 78 (w.q.m.) INDONESIA (Sumatra).

**Status as species:** Emery, 1922e: 157; Chapman & Capco, 1951: 100; Bolton, 1995b: 149; Hosoishi, 2015: 73 (redescription).

**cacochyma.** *Crematogaster peringueyi* r. *cacochyma* Forel, 1914d: 235 (w.q.) SOUTH AFRICA.

Combination in *C. (Acrocoelia)*: Emery, 1922e: 512.

**Subspecies of peringueyi:** Arnold, 1920a: 512; Wheeler, W.M. 1922a: 843; Emery, 1922e: 148; Bolton, 1995b: 149.

**cacodaemon.** *Crematogaster peringueyi* r. *cacodaemon* Forel, 1914d: 234 (w.q.m.) SOUTH AFRICA.

[Misspelled as *cacadaemon* by Santschi, 1926b: 216.]

Combination in *C. (Acrocoelia)*: Emery, 1922e: 148.

As unavailable (infrasubspecific) name: Arnold, 1920a: 494; Wheeler, W.M. 1922a: 834.

**Subspecies of peringueyi:** Forel, 1915c: 341.

**Subspecies of opaciceps:** Emery, 1922e: 148; Santschi, 1926b: 216; Bolton, 1995b: 149.

**cacozela.** *Crematogaster cacozela* Santschi, 1914d: 342 (w.) GUINEA.

Combination in *C. (Acrocoelia)*: Emery, 1922e: 149.

**Subspecies of wernerii:** Santschi, 1915c: 253; Wheeler, W.M. 1922a: 845; Emery, 1922e: 149; Bolton, 1995b: 149.

**caculata.** *Crematogaster peringueyi* r. *caculata* Forel, 1915c: 341 (w.) SOUTH AFRICA.

Combination in *C. (Decacrema)*: Arnold, 1920a: 550; Wheeler, W.M. 1922a: 861; combination in *C. (Acrocoelia)*: Emery, 1922e: 148.

**Subspecies of peringueyi:** Emery, 1922e: 148.

**Subspecies of liengmei:** Arnold, 1920a: 550; Wheeler, W.M. 1922a: 861; Bolton, 1995b: 149.

**caffra.** *Crematogaster (Sphaerocrema) amita* var. *caffra* Santschi, 1926b: 226.

[First available use of *Crematogaster (Sphaerocrema) kneri* st. *amita* var. *caffra* Santschi, in Forel, 1922: 94 (footnote) (w.q.m.) SOUTH AFRICA; unavailable (infrasubspecific) name.]

**Subspecies of amita:** Menozzi, 1942: 169; Bolton, 1995b: 149.

**calens.** *Crematogaster capensis* var. *calens* Forel, 1910e: 435 (w.) MOZAMBIQUE.

Combination in *C. (Acrocoelia)*: Emery, 1922e: 145.

**Subspecies of capensis:** Arnold, 1920a: 513; Wheeler, W.M. 1922a: 830; Emery, 1922e: 145; Bolton, 1995b: 149.

*californica.* *Crematogaster laeviuscula* var. *californica* Wheeler, W.M. 1919g: 111.

[First available use of *Crematogaster lineolata* subsp. *laeviuscula* var. *californica* Emery, 1895c: 285 (w.) U.S.A. (California); unavailable (infrasubspecific) name.]

Combination in *C. (Crematogaster)*: Buren, 1968b: 94.

As unavailable (infrasubspecific) name: Wheeler, W.M. 1910g: 564; Emery, 1922e: 141; Essig, 1926: 859.

Subspecies of *lineolata*: Wheeler, W.M. 1934f: 135; Wheeler, W.M. 1935g: 22.

Subspecies of *laeviuscula*: Enzmann, J. 1946c: 93.

Status as species: Smith, M.R. 1951a: 808; Smith, M.R. 1958c: 125; Buren, 1968b: 94 (in key); Smith, D.R. 1979: 1377; Snelling, R.R. & George, 1979: 121; Wheeler, G.C. & Wheeler, J. 1986g: 47; Bolton, 1995b: 149; Mackay & Mackay, 2002: 86; Ward, 2005: 65.

Junior synonym of *coarctata*: Creighton, 1950a: 207; Morgan & Mackay, 2017: 105.

**calychna.** *Crematogaster (Acrocoelia) castanea* st. *rufimembrum* var. *calychna* Santschi, 1926b: 214 (w.) MALAWI; unavailable (infrasubspecific) name.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 149.

**camena.** *Crematogaster (Atopogyne) africana* var. *camena* Wheeler, W.M. 1922a: 852.

[First available use of *Crematogaster buchneri* r. *africana* var. *camena* Forel, 1916: 410 (w.) DEMOCRATIC REPUBLIC OF CONGO; unavailable (infrasubspecific) name.]

**Subspecies of *africana*:** Wheeler, W.M. 1922a: 852; Emery, 1922e: 154; Bolton, 1995b: 149.

*canariensis*. *Crematogaster laestrygon* var. *canariensis* Santschi, 1937e: 313 (in key).

[First available use of *Crematogaster laestrygon* subsp. *maura* var. *canariensis* Emery, 1926: 3 (w.) SPAIN (Canary Is); unavailable (infrasubspecific) name.]

As unavailable (infrasubspecific) name: Wheeler, W.M. 1927g: 106; Wellenius, 1955: 7; Báez & Ortega, 1978: 189.

**Subspecies of *laestrygon*:** Barquin Diez, 1981: 146; Hohmann, *et al.* 1993: 149; Bolton, 1995b: 149.

*capax*. *Crematogaster (Decacrema) borneensis* subsp. *capax* Forel, 1911a: 37 (w.q.) BORNEO (East Malaysia: Sarawak).

Subspecies of *borneensis*: Wheeler, W.M. 1919e: 79; Emery, 1922e: 138; Chapman & Capco, 1951: 95; Bolton, 1995b: 149; Pfeiffer, *et al.* 2011: 45.

Junior synonym of *borneensis*: Feldhaar, *et al.* 2016: 665.

*capensis*. *Crematogaster capensis* Mayr, 1862: 764 (w.q.) SOUTH AFRICA.

Combination in *C. (Crematogaster)*: Wheeler, W.M. 1922a: 830;

combination in *C. (Acrocoelia)*: Emery, 1922e: 145;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species:** Mayr, 1863: 404; Roger, 1863b: 37; Mayr, 1865: 103 (redescription); Dalla Torre, 1893: 80; Arnold, 1920a: 512; Emery, 1922e: 145; Wheeler, W.M. 1922a: 830; Bolton, 1995b: 149.

Current subspecies: nominal plus *calens*, *tropicorum*.

*capiterubro*. *Formica capiterubro* Comes, 1925: 1 (footnote). *Nomen nudum*.

Material referred to *scutellaris* by Baroni Urbani, 1971c: 80.

*captiosa*. *Crematogaster (Decacrema) captiosa* Forel, 1911a: 37 (w.) BORNEO (East Malaysia: Sarawak).

**Status as species:** Wheeler, W.M. 1919e: 79; Emery, 1922e: 138; Chapman & Capco, 1951: 95; Bolton, 1995b: 149; Pfeiffer, *et al.* 2011: 45; Feldhaar, *et al.* 2016: 668.

**Senior synonym of *harpyia*:** Feldhaar, *et al.* 2016: 668.

**Senior synonym of *insulsa*:** Feldhaar, *et al.* 2016: 668.

**Senior synonym of *novem*:** Feldhaar, *et al.* 2016: 668.

**Senior synonym of *symbia*:** Feldhaar, *et al.* 2016: 668.

*carbonezens*. *Crematogaster evallans* var. *carbonezens* Forel, 1913l: 233 (w.) BRAZIL (Espírito Santo).

Combination in *C. (Crematogaster)*: Emery, 1922e: 137.

Subspecies of *evallans*: Emery, 1922e: 137; Borgmeier, 1927c: 98; Kempf, 1972a: 82; Bolton, 1995b: 149.

Junior synonym of *evallans*: Longino, 2003a: 66.

*carinata*. *Crematogaster carinata* Mayr, 1862: 768 (w.) BRAZIL (Rio de Janeiro).

Longino, 2003a: 46 (q.).

Combination in *C. (Orthocrema)*: Emery, 1922e: 136.

**Status as species:** Mayr, 1863: 404; Roger, 1863b: 37; Mayr, 1865: 105 (redescription); Mayr, 1870b: 990 (in key); Dalla Torre, 1893: 80; Forel, 1895b: 131; Emery, 1922e: 136; Wheeler, W.M. 1923c: 4; Borgmeier, 1927c: 93; Menozzi, 1935b: 195; Kempf, 1972a:

86; Bolton, 1995b: 149; Longino, 2003a: 44 (redescription); Branstetter & Sáenz, 2012: 258; Bezděčková, *et al.* 2015: 116; Wetterer, *et al.* 2016: 22; Pedraza & Fernández, 2019: 895.

**Senior synonym of *parabiotica*:** Longino, 2003a: 44.

*carininotum*. *Crematogaster neuvillei* st. *carininotum* Santschi, 1917b: 279 (w.) ZIMBABWE.

Subspecies of *neuvillei*: Arnold, 1920a: 499.

Junior synonym of *godefreyi*: Santschi, 1918d: 184; Emery, 1922e: 148; Wheeler, W.M. 1922a: 839; Bolton, 1995b: 150.

*carminis*. *Crematogaster brevispinosa* r. *crucis* var. *carminis* Forel, 1914d: 270 (w.) ARGENTINA (San Luis); unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Bruch, 1915: 530; Bruch, 1916: 303; Emery, 1922e: 134; Gallardo, 1934: 14; Kempf, 1972a: 85.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 150.

*caspica*. *Crematogaster sordidula* var. *caspica* Emery, 1922e: 130.

[First available use of *Crematogaster sordidula* subsp. *sordidula* var. *caspica* Emery, 1912e: 670 (w.) Caspian Sea coast of former U.S.S.R.; unavailable (infrasubspecific) name.]

Junior synonym of *sordidula*: Atanassov & Dlussky, 1992: 182; Bolton, 1995b: 150.

*castanea*. *Crematogaster castaneus* Smith, F. 1858b: 136, pl. 9, fig. 2 (w.q.) ALBANIA.

[Note: type-locality South Africa, after Roger, 1859: 259 (“... ist nicht aus Albanien, sondern aus Port Natal”).]

Combination in *C. (Crematogaster)*: Wheeler, W.M. 1922a: 830;

combination in *C. (Acrocoelia)*: Emery, 1922e: 145; Santschi, 1926b: 213;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

Synonym of *tricolor*: Mayr, 1907b: 16.

[Note: Mayr gives *tricolor* as senior synonym, but *castanea* has priority.]

**Subspecies of *tricolor*:** Forel, 1907g: 80; Forel, 1911f: 279; Santschi, 1913a: 412 (in key); Santschi, 1914e: 22.

**Status as species:** Mayr, 1863: 404; Roger, 1863b: 37; Emery, 1877b: 379; Emery, 1881b: 535; Dalla Torre, 1893: 80; Forel, 1894b: 99; Emery, 1915g: 12; Santschi, 1916b: 502; Arnold, 1920a: 488; Santschi, 1920d: 378; Wheeler, W.M. 1922a: 152, 830, 1022; Emery, 1922e: 145; Santschi, 1926b: 213; Santschi, 1930b: 68; Finzi, 1939a: 164; Weber, 1943c: 308; Bolton, 1995b: 150; Hita Garcia, *et al.* 2013: 210.

**Senior synonym of *decolor*:** Forel, 1907g: 80; Emery, 1922e: 145; Wheeler, W.M. 1922a: 1022; Bolton, 1995b: 150.

Current subspecies: nominal plus *adusta*, *analisa*, *aquila*, *arborea*, *bruta*, *busschodtsi*, *durbanensis*, *ferruginea*, *hararica*, *insidiosa*, *inversa*, *mediorufa*, *museisapientiae*, *rufimembrum*, *rufonigra*, *simia*, *ulugurensis*, *yambatensis*.

*cavinota*. *Crematogaster excisa* r. *cavinota* Stitz, 1916: 385, fig. 5 (w.) CONGO.

Combination in *C. (Acrocoelia)*: Emery, 1922e: 147.

**Subspecies of *excisa*:** Wheeler, W.M. 1922a: 837; Emery, 1922e: 147; Bolton, 1995b: 150.

*cedrosensis*. *Crematogaster lineolata* subsp. *cedrosensis* Wheeler, W.M. 1934f: 136 (w.) MEXICO (Baja California: Cedros I.).

Subspecies of *lineolata*: Wheeler, W.M. 1935g: 22.

Subspecies of *opaca*: Enzmann, J. 1946c: 94; Bolton, 1995b: 150.

Junior synonym of *laeviuscula*: Morgan & Mackay, 2017: 197.

***celebensis***. *Crematogaster celebensis* Hosoiishi & Ogata, 2016a: 580, fig. 103 (w.) INDONESIA (Sulawesi: Togian I., and Sulawesi mainland).

***censor***. *Crematogaster senegalensis* subsp. *censor* Forel, 1910e: 434 (w.) SENEGAL.

Combination in *C. (Crematogaster)*: Wheeler, W.M. 1922a: 834;  
combination in *C. (Acrocoelia)*: Emery, 1922e: 146;  
combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species**: Forel, 1916: 406; Wheeler, W.M. 1922a: 834; Emery, 1922e: 146;  
Bolton, 1995b: 150.

Current subspecies: nominal plus *junodi*.

***centralis***. *Crematogaster (Eucrema) acuta* var. *centralis* Santschi, 1932e: 412 (w.q.) PANAMA.

Subspecies of *acuta*: Kempf, 1972a: 82.

Junior synonym of *acuta*: Longino, 2003a: 32; Morgan & Mackay, 2017: 62.

***cephalotes***. *Crematogaster cephalotes* Smith, F. 1857a: 75 (w.) BORNEO (East Malaysia: Sarawak).

Combination in *C. (Decacrema)*: Donisthorpe, 1932c: 450.

**Status as species**: Smith, F. 1858b: 137; Mayr, 1863: 404; Roger, 1863b: 37; Smith, F. 1871a: 329; André, 1892b: 53; Dalla Torre, 1893: 80; Wheeler, W.M. 1919e: 72; Emery, 1922e: 158; Donisthorpe, 1932c: 450; Chapman & Capco, 1951: 95; Bolton, 1995b: 150; Pfeiffer, *et al.* 2011: 45; Feldhaar, *et al.* 2016: 681 (redescription).

***cephalotes***. *Crematogaster cephalotes* Gerstäcker, 1871: 356 (w.q.) KENYA.

[**Junior primary homonym** of *Crematogaster cephalotes* Smith, F. 1857a: 75.]

**Replacement name**: *Crematogaster gerstaeckeri* Dalla Torre, 1892: 90.

***cerasi***. *Myrmica cerasi* Fitch, 1855: 835 (w.) U.S.A. (New York).

Wheeler, G.C. & Wheeler, J. 1973a: 28 (l.); Morgan & Mackay, 2017: 95 (m.).

Combination in *Crematogaster*: Roger, 1863b: 37;

combination in *C. (Acrocoelia)*: Emery, 1922e: 141;

combination in *C. (Crematogaster)*: Buren, 1968b: 92.

Junior synonym of *lineolata*: Dalla Torre, 1893: 83; Creighton, 1950a: 213.

As unavailable (infrasubspecific) name: Emery, 1895c: 282; Emery, 1922e: 141.

**Subspecies of *lineolata***: Pergande, 1896: 877; Wheeler, W.M. 1905f: 379; Wheeler, W.M. 1906b: 4; Wheeler, W.M. 1910g: 564; Wheeler, W.M. 1916m: 585; Wheeler, W.M. 1917c: 26; Wheeler, W.M. 1917i: 461; Wheeler, W.M. 1919g: 111; Cole, 1936a: 36; Cole, 1937a: 101; Dennis, 1938: 283; Wing, 1939: 162; Wheeler, G.C. & Wheeler, E.W. 1944: 245; Enzmann, J. 1946c: 93; Smith, M.R. 1951a: 809.

**Status as species**: Roger, 1863b: 37; Mayr, 1863: 432; Cresson, 1887: 262; Buren, in Smith, M.R. 1958c: 125; Carter, 1962a: 6 (in list); Smith, M.R. 1967: 356; Buren, 1968b: 92, 95 (in key); Francoeur, 1977b: 207; Wheeler, G.C. & Wheeler, J. 1977b: 2; Smith, D.R. 1979: 1378; Allred, 1982: 460; DuBois & LaBerge, 1988: 138; Johnson, C. 1988: 318 (redescription); Mackay, Lowrie, *et al.* 1988: 88; Deyrup, *et al.* 1989: 96; Wheeler, G.C., *et al.* 1994: 302; Bolton, 1995b: 150; Mackay & Mackay, 2002: 87; Deyrup, 2003: 44; Coovert, 2005: 60; Ellison, *et al.* 2012: 238; Deyrup, 2017: 62; Morgan & Mackay, 2017: 91 (redescription).

**Senior synonym of *browni***: Morgan & Mackay, 2017: 91.

**Senior synonym of *kennedyi***: Buren, in Smith, M.R. 1958c: 125; Smith, D.R. 1979: 1378; Bolton, 1995b: 150; Coovert, 2005: 60; Morgan & Mackay, 2017: 91.

Material of the unavailable name *punctinodis* referred here by Buren, in Smith, M.R. 1958c: 125; Smith, D.R. 1979: 1378; Bolton, 1995b: 150.

*chacoana*. *Crematogaster (Orthocrema) abstinentes* st. *chacoana* Santschi, 1933e: 111, fig. 6 (w.) ARGENTINA (Chaco).

Subspecies of *abstinentes*: Gallardo, 1934: 7 (redescription); Kempf, 1972a: 84; Bolton, 1995b: 150.

Junior synonym of *abstinentes*: Longino, 2003a: 30.

*charon*. *Crematogaster (Acrocoelia) charon* Santschi, 1935a: 257 (w.) DEMOCRATIC REPUBLIC OF CONGO. *Nomen nudum*.

*chasei*. *Crematogaster laeviceps* var. *chasei* Forel, 1902h: 413 (w.) AUSTRALIA (Western Australia).

Wheeler, W.M. 1934d: 144 (q.m.).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 152.

**Subspecies of laeviceps**: Forel, 1907h: 279; Forel, 1915b: 55; Emery, 1922e: 152; Wheeler, W.M. 1934d: 144; Clark, 1938: 366; Taylor & Brown, 1985: 61; Taylor, 1987a: 23; Bolton, 1995b: 150; Heterick, 2009: 148.

*chathamensis*. *Crematogaster (Orthocrema) brevispinosa* subsp. *chathamensis* Wheeler, W.M. 1933a: 58 (w.) ECUADOR (Galapagos Is.).

Subspecies of *brevispinosa*: Wheeler, W.M. 1935g: 21; Linsley & Usinger, 1966: 175; Kempf, 1972a: 85; Bolton, 1995b: 150.

Junior synonym of *crinosa*: Longino, 2003a: 49; Morgan & Mackay, 2017: 124.

*chhangi*. *Crematogaster chhangi* Hosoiishi & Ogata, 2014: 61, figs. 1, 2 (w.) CAMBODIA.

*chiarinii*. *Crematogaster chiarinii* Emery, 1881a: 271, fig. (w.) ETHIOPIA.

Forel, 1892e: 353 (q.m.).

Combination in *C. (Crematogaster)*: Wheeler, W.M. 1922a: 835;

combination in *C. (Acrocoelia)*: Emery, 1922e: 146;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species**: Emery, 1881b: 535; Emery, 1892a: 117; Forel, 1892b: 140; Forel, 1892e: 353; Dalla Torre, 1893: 80; Forel, 1894b: 99; Emery 1897e: 598; Emery, 1899a: 500; Emery, 1901e: 61; Mayr, 1907a: 388; Mayr, 1907b: 16; Karavaiev, 1911: 7; Santschi, 1914b: 85; Wheeler, W.M. 1922a: 835; Emery, 1922e: 146; Menozzi, 1926a: 38; Menozzi, 1930b: 88; Finzi, 1939a: 164; Weber, 1943c: 308; Menozzi & Consani, 1952: 64; Collingwood, 1985: 261; Bolton, 1995b: 150; Collingwood & Agosti, 1996: 330; Hita Garcia, et al. 2013: 210; Borowiec, L. 2014: 65 (see note in bibliography); Sharaf, Aldawood & Hita Garcia, 2019: 47.

**Senior synonym of affabilis**: Sharaf, Aldawood & Hita Garcia, 2019: 47.

Current subspecies: nominal plus *aethiops*, *bayeri*, *cincta*, *nigra*, *sellula*, *subsulcata*, *taediosa*, *v-nigra*.

*chillagoensis*. *Crematogaster australis* var. *chillagoensis* Forel, 1915b: 57 (w.) AUSTRALIA (Queensland).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 152.

**Subspecies of australis**: Emery, 1922e: 152; Taylor & Brown, 1985: 60; Taylor, 1987a: 22; Bolton, 1995b: 150.

*chlorotica*. *Crematogaster chlorotica* Emery, 1899e: 483 (w.q.) CAMEROON.

Combination in *C. (Sphaerocrema)*: Santschi, 1918d: 182.

**Status as species:** Santschi, 1910c: 374; Forel, 1913e: 668; Emery, 1922e: 153; Wheeler, W.M. 1922a: 846; Santschi, 1937b: 100; Menozzi, 1942: 169; Bolton, 1995b: 150.

**chodati.** *Crematogaster goeldii* var. *chodati* Forel, 1921a: 207 (w.) PARAGUAY.

Combination in *C. (Orthocrema)*: Kempf, 1972a: 89.

**Subspecies of goeldii:** Wheeler, W.M. 1942: 196.

**Subspecies of torosa:** Kempf, 1972a: 89; Bolton, 1995b: 150.

**Status as species:** Longino, 2003a: 130; Wild, 2007b: 32.

**chopardi.** *Crematogaster chopardi* Bernard, 1950b: 288, fig. 1e (w.) NIGER.

Combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species:** Bolton, 1995b: 150.

**christowitchii.** *Crematogaster scutellaris* var. *christowitchii* Forel, 1892i: 316 (w.) BULGARIA.

Subspecies of *scutellaris*: Dalla Torre, 1893: 86.

Junior synonym of *schmidti*: Emery, 1922e: 143; Bolton, 1995b: 150; Radchenko, 2016: 264.

**chungi.** *Crematogaster (Acrocoelia) chungi* Brown, 1949e: 38.

[First available use of *Crematogaster (Acrocoelia) brunnea* subsp. *ruginota* var. *chungi* Wheeler, W.M. 1929f: 6 (w.) CHINA (Fujian); unavailable (infrasubspecific) name.]

Combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

As unavailable (infrasubspecific) name: Wheeler, W.M. 1930h: 65; Chapman & Capco, 1951: 88.

**Status as species:** Bolton, 1995b: 150; Guénard & Dunn, 2012: 42.

**cicatriculosa.** *Crematogaster cicatriculosa* Roger, 1863a: 207 (w.) SOUTH AFRICA.

Mayr, 1866b: 901 (q.).

Combination in *C. (Crematogaster)*: Wheeler, W.M. 1922a: 836;

combination in *C. (Acrocoelia)*: Emery, 1922e: 146;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species:** Roger, 1863b: 37; Mayr, 1866b: 901; Dalla Torre, 1893: 80; Emery, 1922e: 146; Wheeler, W.M. 1922a: 836; Bolton, 1995b: 150.

**cincta.** *Crematogaster chiarinii* var. *cincta* Emery, 1896i: 157 (w.) SOMALIA.

Combination in *C. (Acrocoelia)*: Emery, 1922e: 146.

**Subspecies of chiarinii:** Emery, 1897e: 598; Emery, 1899a: 500; Wheeler, W.M. 1922a: 835; Emery, 1922e: 146; Menozzi, 1930b: 108 (in key); Bolton, 1995b: 150.

**cisplatinalis.** *Crematogaster victima* var. *cisplatinalis* Mayr, 1887: 624 (w.) URUGUAY.

Combination in *C. (Orthocrema)*: Emery, 1922e: 136.

**Subspecies of victima:** Emery, in Dalla Torre, 1893: 87 (footnote); Emery, 1895c: 288; Emery, 1922e: 136; Borgmeier, 1927c: 97; Kempf, 1972a: 90; Zolessi, *et al.* 1988: 4; Bolton, 1995b: 150.

**Status as species:** Dalla Torre, 1893: 80; Forel, 1895b: 131; Wild, 2007b: 32, 51.

**civa.** *Crematogaster rothneyi* var. *civa* Forel, 1902c: 203 (w.) INDIA (Maharashtra).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 151;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Subspecies of rothneyi:** Forel, 1903a: 683; Bingham, 1903: 141; Forel, 1907a: 23; Forel, 1908a: 3; Forel, 1913k: 75; Emery, 1922e: 151; Chapman & Capco, 1951: 93; Bolton, 1995b: 150; Bharti, Guénard, *et al.* 2016: 37.

Junior synonym of *rothneyi*: Hosoishi & Ogata, 2019: 7.

**clara.** *Crematogaster clara* Mayr, 1870b: 993 (w.) U.S.A. (Texas).

Replacement name for *Oecodoma (Atta) bicolor* Buckley, 1867: 350. [Junior secondary homonym of *Crematogaster bicolor* Smith, 1860b: 109.]

[Note: *clara* junior synonym of *bicolor* Buckley (synonymy by McCook, 1880: 188); hence *clara* first available replacement name.]

Wheeler, W.M. 1908e: 481 (q.m.).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 141;

combination in *C. (Crematogaster)*: Buren, 1968b: 92.

As unavailable (infrasubspecific) name: Emery, 1895c: 285; Wheeler, W.M. 1908e: 481; Wheeler, W.M. 1910g: 564; Emery, 1922e: 141; Essig, 1926: 859; Cole, 1937a: 101.

Subspecies of *laeviuscula*: André, 1893b: 152; Emery, in Dalla Torre, 1893: 83; Wheeler, W.M. 1919g: 111; Dennis, 1938: 283; Enzmann, J. 1946c: 93; Smith, M.R. 1951a: 809.

Status as species: McCook, 1880: 188; Buren, in Smith, M.R. 1958c: 126; Carter, 1962a: 6 (in list); Buren, 1968b: 92 (in key); Smith, D.R. 1979: 1378.

Junior synonym of *bicolor* Buckley: McCook, 1880: 188; Emery, 1922e: 141.

Junior synonym of *pilosa*: Covert, 2005: 62 (error).

Junior synonym of *laeviuscula*: Mayr, 1886d: 463; Creighton, 1950a: 210; Johnson, C. 1988: 322; Bolton, 1995b: 150; Morgan & Mackay, 2017: 196.

**clarior**. *Crematogaster laeviceps* var. *clarior* Forel, 1902h: 414 (w.) AUSTRALIA (Queensland).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 152.

**Subspecies of laeviceps**: Emery, 1922e: 152; Taylor & Brown, 1985: 61; Taylor, 1987a: 23; Bolton, 1995b: 150.

**clariventris**. *Crematogaster buchneri* subsp. *clariventris* Mayr, 1895: 139 (w.) CONGO.

Forel, 1911e: 271 (q.).

Combination in *C. (Atopogyne)*: Wheeler, W.M. 1922a: 854.

**Subspecies of buchneri**: Mayr, 1896: 242; Forel, 1911e: 271; Forel, 1912j: 180; Forel, 1913c: 352; Forel, 1913h: 351; Menozzi, 1933a: 103.

**Status as species**: Wheeler, W.M. 1922a: 854; Emery, 1922e: 155; Santschi, 1930a: 65; Santschi, 1933b: 100; Santschi, 1935a: 263; Santschi, 1937b: 99; Santschi, 1939c: 8; Bernard, 1953b: 234; Bolton, 1995b: 150; Hita Garcia, *et al.* 2013: 210.

Current subspecies: nominal plus *biimpressa*.

**claudiae**. *Crematogaster claudiae* Feldhaar, *et al.* 2016: 670, fig. S1.7A-D (w.q.) BORNEO (East Malaysia: Sabah).

*clemensae*. *Crematogaster modiglianii* var. *clemensae* Forel, 1910d: 125 (w.) PHILIPPINES (Mindanao I.).

Combination in *C. (Paracrema)*: Emery, 1922e: 156.

**Subspecies of modiglianii**: Emery, 1922e: 156; Chapman & Capco, 1951: 101; Baltazar, 1966: 251; Bolton, 1995b: 150.

Junior synonym of *modiglianii*: Hosoihi, Yamane & Ogata, 2010a: 125.

**clepens**. *Crematogaster opaciceps* var. *clepens* Forel, 1913h: 353 (w.) DEMOCRATIC REPUBLIC OF CONGO.

Combination in *C. (Acrocoelia)*: Emery, 1922e: 148.

**Subspecies of opaciceps**: Wheeler, W.M. 1922a: 842; Emery, 1922e: 148; Bolton, 1995b: 150.

**clydia**. *Crematogaster clydia* Forel, 1912f: 219 (w.) BRAZIL (São Paulo).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 142;

combination in *C. (Crematogaster)*: Kempf, 1972a: 81.

**Status as species:** Luederwaldt, 1918: 41; Emery, 1922e: 142; Enzmann, J. 1946c: 93; Borgmeier, 1927c: 98; Kempf, 1972a: 81; Bolton, 1995b: 150.

**clymene.** *Crematogaster santschii* var. *clymene* Forel, 1915c: 337 (w.) SOUTH AFRICA.

Combination in *C. (Oxygyne)*: Wheeler, W.M. 1922a: 858;  
combination in *C. (Acrocoelia)*: Emery, 1922e: 148.

**Subspecies of santschii:** Arnold, 1920a: 540; Wheeler, W.M. 1922a: 858; Emery, 1922e: 148; Bolton, 1995b: 150.

**coachellai.** *Crematogaster (Acrocoelia) lineolata* subsp. *coachellai* Enzmann, J. 1946c: 93.  
*Nomen nudum* (attributed to Enzmann, E.).

Material referred to *vermiculata* by Brown, 1949a: 48.

**coarctata.** *Crematogaster coarctata* Mayr, 1870b: 992 (w.) U.S.A. (California).

Morgan & Mackay, 2017: 108 (q.).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 141;  
combination in *C. (Crematogaster)*: Buren, 1968b: 94.

Junior synonym of *lineolata*: Mayr, 1886d: 462; Pergande, 1893: 36; Dalla Torre, 1893: 83.

**Subspecies of lineolata:** Emery, 1895c: 283; Wheeler, W.M. 1904d: 270; Wheeler, W.M. 1908e: 482; Wheeler, W.M. 1910g: 564; Emery, 1922e: 141; Essig, 1926: 859; Wheeler, W.M. 1935g: 22; Cole, 1937a: 101.

**Subspecies of opaca:** Enzmann, J. 1946c: 94.

**Status as species:** Wheeler, W.M. 1919g: 111; Creighton, 1950a: 207; Smith, M.R. 1951a: 809; Smith, M.R. 1958c: 126; Buren, 1968b: 94 (in key); Wheeler, G.C. & Wheeler, J. 1986g: 47; Smith, D.R. 1979: 1378; Allred, 1982: 460; Bolton, 1995b: 150; Ward, 2005: 65; Morgan & Mackay, 2017: 105 (redescription).

**Senior synonym of californica:** Creighton, 1950a: 207; Morgan & Mackay, 2017: 105.

**Senior synonym of mormonum:** Morgan & Mackay, 2017: 105.

**cocciphila.** *Crematogaster (Orthocrema) brasiliensis* var. *cocciphila* Borgmeier, 1934: 102 (w.q.) SURINAME.

Subspecies of *brasiliensis*: Kempf, 1972a: 84; Bolton, 1995b: 150.

Junior synonym of *brasiliensis*: Longino, 2003a: 37.

**coelestis.** *Crematogaster coelestis* Santschi, 1911c: 353 (w.) GUINEA.

Combination in *C. (Acrocoelia)*: Emery, 1922e: 147;  
combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Subspecies of excisa:** Forel, 1915c: 342 (in text); Wheeler, W.M. 1922a: 837.

**Subspecies of gallicola:** Emery, 1922e: 147.

**Status as species:** Forel, 1913b: 324; Santschi, 1914d: 346; Santschi, 1939f: 162; Bolton, 1995b: 150.

Current subspecies: nominal plus *mercatori*.

**colei.** *Crematogaster (Crematogaster) colei* Buren, 1968b: 108 (w.q.) U.S.A. (New Mexico, Arizona, Texas).

Status as species: Hunt & Snelling, 1975: 21; Smith, D.R. 1979: 1378; Wheeler, G.C. & Wheeler, J. 1986g: 47; Mackay, Lowrie, *et al.* 1988: 88; Bolton, 1995b: 150; Mackay & Mackay, 2002: 88.

Junior synonym of *vermiculata*: Morgan & Mackay, 2017: 396.

**columbiana.** *Myrmica (Monomorium) columbiana* Buckley, 1867: 340 (w.q.) U.S.A. (District of Columbia).

Combination in *Crematogaster*: Mayr, 1886d: 462; Wheeler, W.M. 1902f: 27.  
Unidentifiable taxon; *incertae sedis* in *Crematogaster*: Wheeler, W.M. 1902f: 27.  
Junior synonym of *lineolata*: Mayr, 1886d: 462; Dalla Torre, 1893: 83; Pergande, 1893: 36; Emery, 1922e: 141; Smith, M.R. 1951a: 809; Smith, D.R. 1979: 1379; Bolton, 1995b: 150; Morgan & Mackay, 2017: 221.

**compacta.** *Crematogaster (Paracrema) spengeli* subsp. *compacta* Crawley, 1924: 398 (w.) INDONESIA (Sumatra).

**Subspecies of spengeli:** Chapman & Capco, 1951: 102; Bolton, 1995b: 150.

**Subspecies of coriaria:** Hosoishi & Ogata, 2015b: 4 (by implication, as *spengeli* synonymised under *coriaria*).

**completa.** *Crematogaster (Acrocoelia) menileki* st. *completa* Santschi, 1928d: 63 (w.) ZIMBABWE.

**Subspecies of menilekii:** Arnold, 1947: 135; Bolton, 1995b: 150.

**composita.** *Crematogaster (Atopogyne) buchneri* var. *composita* Santschi, 1933b: 101 (w.) DEMOCRATIC REPUBLIC OF CONGO.

**Subspecies of buchneri:** Bolton, 1995b: 150.

**concava.** *Crematogaster concava* Emery, 1899e: 480 (w.q.) CAMEROON.

[Misspelled as *concave* by Hita Garcia, et al. 2013: 210.]

Santschi, 1910c: 375 (m.).

Combination in *C. (Sphaerocrema)*: Santschi, 1918d: 182.

**Status as species:** Santschi, 1910c: 375; Forel, 1915c: 338; Forel, 1916: 404; Stitz, 1916: 384; Emery, 1922e: 153; Wheeler, W.M. 1922a: 155, 846; Karavaiev, 1931d: 46; Menozzi, 1933a: 103; Santschi, 1935a: 260; Menozzi, 1942: 167; Eidmann, 1944: 469; Bolton, 1995b: 150; Hita Garcia, et al. 2013: 210.

**confucii.** *Crematogaster (Acrocoelia) laboriosa* st. *politula* var. *confucii* Santschi, 1928b: 32 (w.q.m.) CHINA (Shanghai); unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Wheeler, W.M. 1930h: 65; Chapman & Capco, 1951: 92.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 150.

**confusa.** *Crematogaster wilwerthi* var. *confusa* Santschi, 1911g: 208 (w.) CONGO.

Combination in *C. (Sphaerocrema)*: Wheeler, W.M. 1922a: 849.

**Subspecies of wilwerthi:** Wheeler, W.M. 1922a: 849; Emery, 1922e: 153; Santschi, 1926b: 228; Menozzi, 1942: 169; Bolton, 1995b: 150.

**consternens.** *Myrmica consternens* Walker, 1859: 374 (w.m.) SRI LANKA.

Combination in *Solenopsis* and *Monomorium*: Donisthorpe, 1932b: 576;

[Note: according to Donisthorpe: 1932b: 576, the workers are a *Solenopsis* species, while the males are *Monomorium minutum* Mayr.]

combination in *Crematogaster*: new combination (unpublished).

Unidentifiable taxon: Forel, 1903a: 698.

**Status as species:** Mayr, 1863: 432; Motschoulsky, 1863: 15; Smith, F. 1871a: 327; Dalla Torre, 1893: 109; Chapman & Capco, 1951: 125; Bolton, 1995b: 260.

**constructor.** *Crematogaster constructor* Emery, 1895h: 29, pl. 2, figs. 12, 13 (w.) SOUTH AFRICA (date of publication 16.viii.1895).

[Also described as new by Emery, in Mayr, 1895: 135 (in key and footnote) (date of publication 31.xii.1895).]

Combination in *C. (Crematogaster)*: Wheeler, W.M. 1922a: 836;

combination in *C. (Acrocoelia)*: Emery, 1922e: 146;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species:** Arnold, 1920a: 535; Emery, 1922e: 146; Wheeler, W.M. 1922a: 836; Arnold, 1947: 135; Bolton, 1995b: 151.

Current subspecies: nominal plus *kirbyella*.

**contemta.** *Crematogaster contemta* Mayr, 1879: 685 (w.) INDIA (West Bengal).

Bingham, 1903: 130 (q.).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 150.

**Subspecies of subnuda:** Forel, 1902c: 208; Forel, 1903a: 685; Forel, 1907a: 23; Forel, 1907e: 17.

**Subspecies of laboriosa:** Santschi, 1928b: 33.

**Status as species:** Dalla Torre, 1893: 80; Rothney, 1903: 98; Bingham, 1903: 130; Mukerjee, 1934: 6; Wu, J. & Wang, 1995: 65.

**Subspecies of brunnea:** Emery, 1922e: 150; Wheeler, W.M. 1929f: 5; Wheeler, W.M. 1930h: 64; Bolton, 1995b: 151; Guénard & Dunn, 2012: 42; Bharti, Guénard, *et al.* 2016: 36.

**contemtior.** *Crematogaster (Acrocoelia) brunnea* subsp. *contemta* var. *contemtior* Wheeler, W.M. 1929f: 5 (w.) CHINA (Jiangsu); unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Wheeler, W.M. 1930h: 65; Chapman & Capco, 1951: 87.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 151.

**convexiclypea.** *Crematogaster (Decacrema) solenopsisoides* r. *flavida* var. *convexiclypea* Forel, 1916: 411 (w.q.m.) DEMOCRATIC REPUBLIC OF CONGO; unavailable (infrasubspecific) name.

[Note: *solenopsisoides* is a misspelling of *solenopsisides*.]

As unavailable (infrasubspecific) name Emery, 1922e: 138; Wheeler, W.M. 1922a: 862.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 151.

**convicta.** *Crematogaster brevispinosa* r. *tumulifera* var. *convicta* Forel, 1912f: 215 (w.m.) ARGENTINA (Buenos Aires); unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Bruch, 1915: 530; Santschi, 1916b: 512; Santschi, 1916e: 377; Emery, 1922e: 134; Santschi, 1925e: 150; Santschi, 1929d: 293; Gallardo, 1934: 27; Kempf, 1972a: 86.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 151.

**cooperi.** *Crematogaster neuvillei* r. *cooperi* Forel, 1914d: 233 (w.) SOUTH AFRICA.

Arnold, 1920a: 498 (q.).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 148.

**Subspecies of neuvillei:** Forel, 1915c: 341; Santschi, 1917b: 280 (in key); Arnold, 1920a: 497; Wheeler, W.M. 1922a: 841; Emery, 1922e: 148; Bolton, 1995b: 151.

**corax.** *Crematogaster ebenina* var. *corax* Forel, 1902c: 200 (w.) MYANMAR.

Combination in *C. (Oxygyne)*: Forel, 1903a: 683.

Subspecies of *ebenina*: Forel, 1903a: 683; Emery, 1922e: 157; Wheeler, W.M. 1927h: 87; Wheeler, W.M. 1928c: 17; Wheeler, W.M. 1930h: 66; Menozzi, 1939a: 300 (in key); Chapman & Capco, 1951: 100; Bolton, 1995b: 151.

Junior synonym of *ebenina*: Hosoishi, 2015: 78.

**cordinoda.** *Crematogaster distans* var. *cordinoda* Forel, 1914e: 12 (w.) COLOMBIA.

Combination in *C. (Orthocrema)*: Emery, 1922e: 135.

Subspecies of *distans*: Emery, 1922e: 135.

Junior synonym of *distans*: Kempf, 1968b: 390; Kempf, 1972a: 83; Bolton, 1995b: 151; Longino, 2003a: 59; Morgan & Mackay, 2017: 166.

**coriaria**. *Crematogaster coriaria* Mayr, 1872: 154 (w.) BORNEO (East Malaysia: Sarawak).

Combination in *C. (Paracrema)*: Emery, 1922e: 155.

**Status as species**: Mayr, 1879: 681 (in key); Emery, 1887b: 467; Dalla Torre, 1893: 80; Wheeler, W.M. 1919e: 72; Emery, 1922e: 155; Chapman & Capco, 1951: 101; Bolton, 1995b: 151; Jaitrong & Nabhitabhata, 2005: 18; Pfeiffer, *et al.* 2011: 45; Hosoihi & Ogata, 2015b: 3 (redescription).

**Senior synonym of *fraudatrix***: Hosoihi & Ogata, 2015b: 4.

**Senior synonym of *spengeli***: Hosoihi & Ogata, 2015b: 4.

**Senior synonym of *taipingensis***: Hosoihi & Ogata, 2015b: 4.

**cornigera**. *Crematogaster cornigera* Forel, 1902h: 407 (w.q.) AUSTRALIA (Queensland).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 152;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species**: Emery, 1922e: 152; Taylor & Brown, 1985: 60; Taylor, 1987a: 22; Bolton, 1995b: 151.

**cornuta**. *Crematogaster (Acrocoelia) cornuta* Crawley, 1924: 395 (w.q.m.) INDONESIA (Sumatra).

Combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species**: Chapman & Capco, 1951: 89; Bolton, 1995b: 151.

**corporaali**. *Crematogaster (Acrocoelia) corporaali* Santschi, 1928h: 126 (w.q.) INDONESIA (Sumatra).

Combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species**: Chapman & Capco, 1951: 89; Bolton, 1995b: 151.

**corsica**. *Crematogaster scutellaris* var. *corsica* Santschi, 1921b: 435 (w.) FRANCE (Corsica).

Subspecies of *scutellaris*: Santschi, 1937e: 312 (in key); Baroni Urbani, 1971c: 82.

Junior synonym of *scutellaris*: Casevitz-Weulersse, 1990b: 137; Bolton, 1995b: 151; Casevitz-Weulersse & Galkowsky, 2009: 487.

**corticicola**. *Crematogaster distans* var. *corticicola* Mayr, 1887: 625 (w.q.m.) BRAZIL (Santa Catarina).

Combination in *C. (Orthocrema)*: Emery, 1922e: 135;

combination in *C. (Neocrema)*: Kempf, 1972a: 83.

**Subspecies of *curvispinosa***: Forel, 1895b: 131.

**Subspecies of *distans***: Emery, 1888c: 356; Dalla Torre, 1893: 81; von Jhering, 1894: 394; Emery, 1906c: 139; Forel, 1908c: 369; Bruch, 1914: 219; Luederwaldt, 1918: 41; Emery, 1922e: 135; Borgmeier, 1927c: 94; Gallardo, 1934: 57; Kusnezov, 1953b: 337.

**Status as species**: Kempf, 1968b: 394 (redescription); Kempf, 1969: 277; Kempf, 1972a: 83; Bolton, 1995b: 151; Wild, 2007b: 32.

**Senior synonym of *rugiceps***: Kempf, 1968b: 394; Kempf, 1972a: 83; Bolton, 1995b: 151.

Material of the unavailable name *pullipes* referred here by Kempf, 1968b: 394; Kempf, 1972a: 83; Bolton, 1995b: 151.

**corvina**. *Crematogaster corvina* Mayr, 1870b: 994 (w.) MEXICO (no state data).

Combination in *C. (Orthocrema)*: Emery, 1922e: 134;

combination in *C. (Neocrema)*: Santschi, 1933e: 114.

**Status as species:** Dalla Torre, 1893: 80; Forel, 1899c: 82; Emery, 1922e: 134; Santschi, 1933e: 114; Wheeler, W.M. 1942: 192; Kempf, 1972a: 83; Bolton, 1995b: 151; Morgan & Mackay, 2017: 119 (redescription).

***costeboriensis*.** *Crematogaster (Decacrema) solenopsoides* st. *costeboriensis* Santschi, 1919h: 86 (w.) IVORY COAST.

**Subspecies of *solenopsoides*:** Wheeler, W.M. 1922a: 862; Bolton, 1995b: 151.

***costulata*.** *Crematogaster rogenhoferi* var. *costulata* Emery, 1895k: 467 (w.) MYANMAR.

As unavailable (infrasubspecific) name: Emery, 1922e: 150.

**Subspecies of *dohrni*:** Chapman & Capco, 1951: 89.

**Subspecies of *rogenhoferi*:** Forel, 1903a: 682; Bolton, 1995b: 151.

***crassicornis*.** *Crematogaster crassicornis* Emery, 1893g: 265, pl. 2, figs. 4, 5 (w.) PHILIPPINES (Luzon I.).

Combination in *C. (Orthocrema)*: Emery, 1922e: 132.

**Status as species:** Wheeler, W.M. 1909d: 340; Emery, 1922e: 132; Menozzi, 1935a: 112 (in key); Chapman & Capco, 1951: 97; Baltazar, 1966: 251; Bolton, 1995b: 151; Hosoihi & Ogata, 2016a: 602.

***crassipes*.** *Crematogaster crassipes* Luederwaldt, 1918: 41. *Nomen nudum* (attributed to Mayr).

[Note: this is probably an incorrect entry for *Pheidole crassipes* Mayr.]

***crawleyi*.** *Crematogaster jehovae* subsp. *crawleyi* Emery, 1926: 4 (w.) IRAQ.

**Subspecies of *jehovae*:** Bolton, 1995b: 151.

***creightoni*.** *Crematogaster (Acrocoelia) creightoni* Wheeler, W.M. 1933d: 86 (q.) U.S.A. (Virginia).

Status as species: Enzmann, J. 1946c: 93; Creighton, 1950a: 209; Smith, M.R. 1951a: 809; Kutter, 1968b: 203 (error).

Junior synonym of *pilosa*: Buren, in Smith, M.R. 1958c: 127; Smith, D.R. 1979: 1380; Bolton, 1995b: 151; Coovert, 2005: 62; Morgan & Mackay, 2017: 317.

***cretica*.** *Crematogaster auberti* subsp. *laestrigon* var. *cretica* Karavaiev, 1927b: 106, fig. 2 (w.) GREECE (Crete I.); unavailable (infrasubspecific) name.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 151; Legakis, 2011: 13.

***crinosa*.** *Crematogaster crinosa* Mayr, 1862: 767 (w.) BRAZIL (Rio de Janeiro).

Mayr, 1887: 627 (q.m.).

Combination in *C. (Orthocrema)*: Emery, 1922e: 134.

**Status as species:** Mayr, 1863: 404; Roger, 1863b: 37; Mayr, 1865: 104 (redescription); Mayr, 1870b: 992 (in key); Mayr, 1884: 37; Mayr, 1887: 626; Emery, 1888c: 356; Dalla Torre, 1893: 80; von Jhering, 1894: 394; Forel, 1895b: 131; Forel, 1908c: 366; Borgmeier, 1927c: 93; Kempf, 1972a: 86; Bolton, 1995b: 151; Longino, 2003a: 49 (redescription), 126; Wild, 2007b: 32; Branstetter & Sáenz, 2012: 258; Bezděčková, et al. 2015: 116; Wetterer, et al. 2016: 10; Morgan & Mackay, 2017: 124 (redescription); Pedraza & Fernández, 2019: 895.

**Senior synonym of *brevispinosa*:** Longino, 2003a: 49; Morgan & Mackay, 2017: 124.

**Senior synonym of *chathamensis*:** Longino, 2003a: 49; Morgan & Mackay, 2017: 124.

**Senior synonym of *minutior*:** Longino, 2003a: 49; Morgan & Mackay, 2017: 124.

**Senior synonym of *recurvispina*:** Longino, 2003a: 49; Morgan & Mackay, 2017: 124.

**Senior synonym of *sampaioi*:** Longino, 2003a: 49; Morgan & Mackay, 2017: 124.

**Senior synonym of *schuppi*:** Longino, 2003a: 49; Morgan & Mackay, 2017: 124.

**Senior synonym of *striatinota*:** Longino, 2003a: 49; Morgan & Mackay, 2017: 124.

**Senior synonym of *townsendi*:** Longino, 2003a: 49; Morgan & Mackay, 2017: 124.

Material of the unavailable name *semisericea* referred here by Longino, 2003a: 49.

**cristata**. *Crematogaster (Orthocrema) cristata* Santschi, 1929d: 294 (w.) BRAZIL (Rio de Janeiro).

**Status as species**: Kempf, 1968b: 384; Kempf, 1972a: 87; Bolton, 1995b: 151.

**Senior synonym of terricola**: Kempf, 1968b: 384; Kempf, 1972a: 87; Bolton, 1995b: 151.

*cristulata*. *Crematogaster (Neocrema) montezumia* st. *cristulata* Santschi, 1925d: 233 (w.q.) BRAZIL (Santa Catarina).

Subspecies of *montezumia*: Borgmeier, 1927c: 98; Santschi, 1933e: 112 (in key); Gallardo, 1934: 68 (in key).

Junior synonym of *montezumia*: Kempf, 1968b: 386; Kempf, 1972a: 83; Bolton, 1995b: 151; Longino, 2003a: 91; Morgan & Mackay, 2017: 257.

**crucis**. *Crematogaster brevispinosa* r. *crucis* Forel, 1912f: 212 (w.) COLOMBIA.

Combination in *C. (Orthocrema)*: Emery, 1922e: 134.

**Subspecies of brevispinosa**: Forel, 1914d: 270; Bruch, 1915: 530; Bruch, 1916: 303; Emery, 1922e: 134; Gallardo, 1934: 12 (redescription); Kusnezov, 1953b: 337; Kempf, 1972a: 85; Bolton, 1995b: 151.

**Status as species**: Longino, 2003a: 53 (redescription); Pedraza & Fernández, 2019: 895.

**cubaensis**. *Crematogaster victima* subsp. *cubaensis* Mann, 1920: 425 (w.q.) CUBA.

**Subspecies of steinheili**: Menozzi, 1929a: 2.

**Subspecies of laeviuscula**: Enzmann, J. 1946c: 93.

**Subspecies of victima**: Kempf, 1972a: 90; Alayo, 1974: 13 (in key); Bolton, 1995b: 151.

**Status as species**: Longino, 2003a: 132.

**Senior synonym of barbouri**: Longino, 2003a: 132.

**cupida**. *Crematogaster (Oxygyne) margaritae* st. *cupida* Santschi, 1935a: 261, fig. 3 (w.) DEMOCRATIC REPUBLIC OF CONGO.

**Subspecies of margaritae**: Bolton, 1995b: 151.

**curticeps**. *Crematogaster longiceps* var. *curticeps* Wheeler, W.M. 1915g: 809 (w.) AUSTRALIA (Northern Territory).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 152.

**Subspecies of longiceps**: Emery, 1922e: 152; Taylor & Brown, 1985: 62; Taylor, 1987a: 23; Bolton, 1995b: 151.

**curvispinosa**. *Crematogaster curvispinosa* Mayr, 1862: 768 (w.) BRAZIL (Rio de Janeiro).

Forel, 1911c: 301 (q.); Forel, 1912f: 216 (m.).

Combination in *C. (Orthocrema)*: Emery, 1922e: 134.

**Status as species**: Mayr, 1863: 404; Roger, 1863b: 37; Mayr, 1865: 106 (redescription); Mayr, 1870b: 991 (in key); Mayr, 1887: 625; Emery, 1890a: 66; Dalla Torre, 1893: 80; Forel, 1895b: 131; Forel, 1899c: 83; Forel, 1907a: 25; Forel, 1907e: 5; Forel, 1908c: 366; Forel, 1909a: 259; Forel, 1911c: 301; Forel, 1912f: 216; Santschi, 1912e: 527; Luederwaldt, 1918: 41; Emery, 1922e: 134; Borgmeier, 1927c: 93; Menozzi, 1927c: 267; Santschi, 1929f: 88; Gallardo, 1934: 30; Wheeler, W.M. 1942: 195; Kempf, 1970b: 332; Kempf, 1972a: 87; Brandão, 1991: 338; Bolton, 1995b: 151; Longino, 2003a: 55 (redescription); Wild, 2007b: 32; Branstetter & Sáenz, 2012: 258; Bezděčková, et al. 2015: 116; Wetterer, et al. 2016: 11; Morgan & Mackay, 2017: 136 (redescription); Pedraza & Fernández, 2019: 896.

**Senior synonym of accola**: Longino, 2003a: 55; Morgan & Mackay, 2017: 136.

**Senior synonym of *antillana*:** Longino, 2003a: 55; Morgan & Mackay, 2017: 136.

**Senior synonym of *fuliginea*:** Santschi, 1929f: 88; Kempf, 1972a: 87; Bolton, 1995b: 151; Longino, 2003a: 55; Morgan & Mackay, 2017: 136.

**Senior synonym of *kemali*:** Longino, 2003a: 55; Morgan & Mackay, 2017: 136.

**Senior synonym of *obscura*** Santschi: Longino, 2003a: 55; Morgan & Mackay, 2017: 136.

**Senior synonym of *panamana*:** Longino, 2003a: 55; Morgan & Mackay, 2017: 136.

**Senior synonym of *phytoeca*:** Longino, 2003a: 55; Morgan & Mackay, 2017: 136.

**Senior synonym of *sculpturata*:** Longino, 2003a: 55; Morgan & Mackay, 2017: 136.

***cuvierae*.** *Crematogaster (Atopogyne) cuvierae* Donisthorpe, 1945a: 10 (w.) GHANA.

**Status as species:** Donisthorpe, 1945d: 268; Bolton, 1995b: 151.

***cylindriceps*.** *Crematogaster (Colobocrema) cylindriceps* Wheeler, W.M. 1927f: 31, fig. 39 (q.) PHILIPPINES (no island nominated).

Yamane, *et al.* 2011: 64 (putative w.q.m.).

**Status as species:** Chapman & Capco, 1951: 94; Baltazar, 1966: 250; Bolton, 1995b: 151; Yamane, *et al.* 2011: 64.

***cypria*.** *Crematogaster (Acrocoelia) jehovae* var. *cypria* Santschi, 1930c: 266 (w.) CYPRUS.

Combination in *C. (Crematogaster)*: Salata & Borowiec, 2015a: 62.

**Subspecies of *jehovae*:** Bolton, 1995b: 151.

**Status as species:** Salata & Borowiec, 2015a: 62 (redescription).

***dahlii*.** *Crematogaster dahlii* Forel, 1901b: 15 (w.) NEW GUINEA (Papua New Guinea: Bismarck Archipelago).

Combination in *C. (Xiphocrema)*: Forel, 1913k: 80.

**Status as species:** Dahl, 1901: 19; Emery, 1922e: 139; Wheeler, W.M. 1935g: 21; Bolton, 1995b: 151.

***daisyi*.** *Crematogaster (Oxygyne) daisyi* Forel, 1901e: 376 (w.q.) BORNEO (East Malaysia: Sarawak).

[Misspelled as *daysii* by Viehmeyer, 1914b: 33 (in text).]

**Status as species:** Wheeler, W.M. 1919e: 77; Emery, 1922e: 157; Chapman & Capco, 1951: 100; Bolton, 1995b: 151; Pfeiffer, *et al.* 2011: 45; Hosoiishi, 2015: 75 (redescription).

***dakarensis*.** *Crematogaster pronotalis* var. *dakarensis* Santschi, 1914d: 349 (w.) SENEGAL.

Combination in *C. (Sphaerocrema)*: Wheeler, W.M. 1922a: 848.

**Subspecies of *pronotalis*:** Santschi, 1915c: 252 (in key); Wheeler, W.M. 1922a: 848; Emery, 1922e: 153.

**Subspecies of *kneri*:** Santschi, 1926b: 228; Menozzi, 1942: 169; Menozzi & Consani, 1952: 64; Bolton, 1995b: 151.

***dalyi*.** *Crematogaster (Oxygyne) dalyi* Forel, 1902c: 201 (w.) INDIA (Tamil Nadu).

**Status as species:** Forel, 1903a: 683; Bingham, 1903: 138; Emery, 1922e: 157; Chapman & Capco, 1951: 100; Bolton, 1995b: 151; Tiwari, 1999: 48; Hosoiishi, 2015: 76 (redescription); Bharti, Guénard, *et al.* 2016: 36.

***debilis*,** misspelling, see under *depilis*.

***decamera*.** *Crematogaster (Decacrema) decamera* Forel, 1910a: 18 (footnote) (w.q.m.) BORNEO (East Malaysia: Sarawak).

**Status as species:** Viehmeyer, 1916a: 126; Wheeler, W.M. 1919e: 77; Emery, 1922e: 138; Chapman & Capco, 1951: 95; Bolton, 1995b: 151; Pfeiffer, *et al.* 2011: 45; Feldhaar, *et al.* 2016: 661 (redescription).

*decolor*. *Crematogaster tricolor* var. *decolor* Forel, 1891b: 188 (w.) MADAGASCAR.

Subspecies of *tricolor*: Dalla Torre, 1893: 87.

Junior synonym of *castanea*: Forel, 1907g: 80; Emery, 1922e: 145; Wheeler, W.M. 1922a: 1022; Bolton, 1995b: 151.

*decolorata*. *Crematogaster (Acrocoelia) castanea* var. *decolorata* Santschi, 1926b: 213 (w.) ZIMBABWE, SOUTH AFRICA.

Junior synonym of *arborea*: Santschi, 1930b: 69; Bolton, 1995b: 151.

*defleta*. *Crematogaster opaciceps* subsp. *defletus* Forel, 1910e: 434 (w.) SOUTH AFRICA.

Combination in *C. (Acrocoelia)*: Emery, 1922e: 148.

**Subspecies of *opaciceps*:** Arnold, 1920a: 515; Wheeler, W.M. 1922a: 842; Emery, 1922e: 148; Bolton, 1995b: 151.

*deformis*, misspelling, see under *diformis*.

*degeeri*. *Crematogaster degeeri* Forel, 1886c: cvii (w.) MADAGASCAR.

[Unjustified emendation of spelling to *geeri*: Schulz, W.A. 1906: 155.]

Forel, 1891b: 190 (q.m.).

Combination in *C. (Crematogaster)*: Wheeler, W.M. 1922a: 1022;

combination in *C. (Acrocoelia)*: Emery, 1922e: 146;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species:** Forel, 1891b: 189 (redescription); Dalla Torre, 1893: 81; Emery, 1895f: 336; Santschi, 1913a: 411 (in key); Emery, 1922e: 146; Wheeler, W.M. 1922a: 1022; Bolton, 1995b: 151; Blaimer & Fisher, 2013b: 23 (redescription).

**Senior synonym of *lunaris*:** Blaimer & Fisher, 2013b: 23.

*degener*. *Crematogaster scutellaris* var. *degener* Santschi, 1937e: 310 (w.) TUNISIA, FRANCE (Corsica).

Subspecies of *scutellaris*: Baroni Urbani, 1971c: 82.

Junior synonym of *scutellaris*: Casevitz-Weulersse, 1990b: 137; Bolton, 1995b: 151; Casevitz-Weulersse & Galkowsky, 2009: 487.

*delagoensis*. *Crematogaster inermis* r. *delagoensis* Forel, 1894b: 99 (w.) MOZAMBIQUE.

Combination in *C. (Acrocoelia)*: Emery, 1922e: 146;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Subspecies of *inermis*:** Forel, 1913a: 126; Arnold, 1920a: 539; Wheeler, W.M. 1922a: 840.

**Status as species:** Emery, 1922e: 146; Arnold, 1944: 7; Bolton, 1995b: 151; Collingwood & Agosti, 1996: 330; Borowiec, L. 2014: 65 (see note in bibliography); Sharaf, Aldawood & Hita Garcia, 2019: 50.

Current subspecies: nominal plus *acutidens*, *merwei*, *rhodesiana*.

*delitescens*. *Crematogaster (Orthocrema) delitescens* Wheeler, W.M. 1921f: 152 (w.q.) GUYANA.

**Status as species:** Wheeler, W.M. 1942: 195; Kempf, 1972a: 87; Bolton, 1995b: 151.

*demangei*. *Crematogaster (Acrocoelia) dohrni* var. *demangei* Karavaiev, 1935a: 91. *Nomen nudum* (attributed to Santschi).

*dentata*. *Crematogaster sewellei* var. *dentata* Dalla Torre, 1893: 86.

[First available use of *Crematogaster inermis* r. *sewellii* var. *dentatus* Forel, 1891b: 196 (w.) MADAGASCAR; unavailable (infrasubspecific) name.]

Blaimer & Fisher, 2013b: 30 (q.m.).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 148.

**Subspecies of *sewellii*:** Forel, 1907g: 79; Wheeler, W.M. 1922a: 1023; Emery, 1922e: 148; Donisthorpe, 1946e: 30; Bolton, 1995b: 151.

**Status as species:** Blaimer & Fisher, 2013b: 27 (redescription).

**Senior synonym of *improba*:** Blaimer & Fisher, 2013b: 27.

**Senior synonym of *mauritiana*:** Blaimer & Fisher, 2013b: 27.

***dentinasis*.** *Crematogaster (Orthocrema) rufotestacea* st. *dentinasis* Santschi, 1929f: 89 (w.q.m.) AUSTRALIA (New South Wales).

**Subspecies of *rufotestacea*:** Taylor & Brown, 1985: 63; Taylor, 1987a: 23; Bolton, 1995b: 151.

***dentinodis*.** *Crematogaster opaca* var. *dentinodis* Forel, 1901c: 130 (w.) MEXICO (Queretaro).

[Misspelled as *dentinoda* by Enzmann, J. 1946c: 94.]

Morgan & Mackay, 2017: 149 (q.).

Combination in *C. (Acrocoelia)*: Santschi, 1929f: 91;

combination in *C. (Crematogaster)*: Buren, 1968b: 93.

**Subspecies of *opaca*:** Santschi, 1929f: 91; Enzmann, J. 1946c: 94; Kempf, 1972a: 81.

**Status as species:** Smith, M.R. 1958c: 126; Buren, 1968b: 93 (in key); Hunt & Snelling, 1975: 21; Smith, D.R. 1979: 1378; Bolton, 1995b: 151; Mackay & Mackay, 2002: 89; Morgan & Mackay, 2017: 147 (redescription).

***dentulata*.** *Crematogaster peringueyi* r. *dentulata* Stitz, 1923: 156 (w.) SOUTH AFRICA.

**Subspecies of *peringueyi*:** Bolton, 1995b: 151.

***depilis*.** *Crematogaster opaca* var. *depilis* Wheeler, W.M. 1919g: 111.

[First available use of *Crematogaster lineolata* subsp. *opaca* var. *depilis* Wheeler, W.M. 1908e: 478 (w.) U.S.A. (Texas, New Mexico), MEXICO (Chihuahua); unavailable (infrasubspecific) name.]

[Misspelled as *debilis* by Essig, 1926: 859.]

Wheeler, G.C. & Wheeler, J. 1973a: 28 (l.).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 141;

combination in *C. (Crematogaster)*: Buren, 1968b: 93.

As unavailable (infrasubspecific) name: Wheeler, W.M. 1910g: 564; Emery, 1922e: 141; Essig, 1926: 859.

**Subspecies of *punctulata*:** Enzmann, J. 1946c: 93.

**Subspecies of *opaca*:** Dennis, 1938: 284; Smith, M.R. 1951a: 810.

**Status as species:** Creighton, 1950a: 209; Buren, in Smith, M.R. 1958c: 126; Cole, 1966: 16; Beck, et al. 1967: 68; Buren, 1968b: 93 (in key); Hunt & Snelling, 1975: 21; Smith, D.R. 1979: 1378; Snelling, R.R. & George, 1979: 122; Allred, 1982: 460; Wheeler, G.C. & Wheeler, J. 1986g: 48; Bolton, 1995b: 151; Mackay & Mackay, 2002: 89; Ward, 2005: 65; Morgan & Mackay, 2017: 155 (redescription).

**Senior synonym of *larreae*:** Morgan & Mackay, 2017: 155.

***deponens*** Walker, 1859; see under **CAREBARA**.

***depressa*.** *Formica depressa* Latreille, 1802c: 268, pl. 11, fig. 73 (q.) GUINEA.

Forel, 1910f: 5 (m.).

Combination in *Crematogaster*: Emery, 1892b: 164;

combination in *C. (Oxygyne)*: Forel, 1901e: 375;  
combination in *C. (Atopogyne)*: Forel, 1911d: 343; Santschi, 1918d: 183.

**Status as species:** Dalla Torre, 1893: 81; Mayr, 1895: 144; Emery, 1899e: 478; Forel, 1910f: 5; Santschi, 1914d: 351; Emery, 1922e: 155; Wheeler, W.M. 1922a: 159, 855; Santschi, 1937b: 99; Weber, 1943c: 310; Bernard, 1953b: 234; Bolton, 1995b: 151.

**Senior synonym of foreli:** Emery, 1899e: 478; Emery, 1922e: 155; Wheeler, W.M. 1922a: 855; Bolton, 1995b: 151.

**Senior synonym of mandibularis:** Emery, 1892b: 164; Dalla Torre, 1893: 81; Emery, 1899e: 478; Emery, 1922e: 155; Wheeler, W.M. 1922a: 855; Bolton, 1995b: 151.

**Senior synonym of platynathata:** Emery, 1892b: 164; Dalla Torre, 1893: 81; Emery, 1899e: 478; Emery, 1922e: 155; Wheeler, W.M. 1922a: 855; Bolton, 1995b: 151.

Current subspecies: nominal plus *adultera*, *fuscipennis*.

*descarpentriesi*. *Crematogaster (Oxygyne) descarpentriesi* Santschi, 1928d: 68 (w.) MADAGASCAR.

Status as species: Bolton, 1995b: 151.

Junior synonym of *ranaavalonae*: Blaimer, 2012a: 249.

*descolei*. *Crematogaster (Neocrema) descolei* Kusnezov, 1949e: 587, figs. 1-4 (q.) ARGENTINA (Jujuy).

Status as species: Kempf, 1972a: 83; Bolton, 1995b: 151.

Junior synonym of *distans*: Longino, 2003a: 59; Morgan & Mackay, 2017: 166.

**desecta**. *Crematogaster desecta* Forel, 1911a: 27 (w.q.) SRI LANKA.

Combination in *C. (Acrocoelia)*: Emery, 1922e: 150;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species:** Emery, 1922e: 150; Chapman & Capco, 1951: 89; Bolton, 1995b: 151.

**desperans**. *Crematogaster gabonensis* var. *desperans* Forel, 1914d: 233 (w.) SOUTH AFRICA.

Combination in *C. (Atopogyne)*: Wheeler, W.M. 1922a: 854;

combination in *C. (Acrocoelia)*: Emery, 1922e: 146;

combination in *C. (Crematogaster)*: Santschi, 1918d: 185; Bolton, 1995b: 166.

**Subspecies of bulawayensis:** Arnold, 1920a: 523; Wheeler, W.M. 1922a: 854.

**Status as species:** Santschi, 1918d: 185; Emery, 1922e: 146; Bolton, 1995b: 152.

*detritinodis*. *Crematogaster (Physocrema) stethogompha* var. *detritinodis* Wheeler, W.M. 1919e: 77 (w.) BORNEO (East Malaysia: Sarawak).

Subspecies of *stethogompha*: Chapman & Capco, 1951: 103; Bolton, 1995b: 152.

Junior synonym of *vacca*: Hosoiishi & Ogata, 2009b: 30.

**devincta**. *Crematogaster aegyptiaca* st. *senegalensis* var. *devincta* Santschi, 1914d: 343 (w.) GUINEA; unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Emery, 1922e: 144; Wheeler, W.M. 1922a: 828.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 152.

*dextella*. *Crematogaster (Orthocrema) limata* st. *dextella* Santschi, 1929f: 88, fig. 2 (w.) PANAMA (Barro Colorado I.).

Wheeler, G.C. & Wheeler, J. 1952b: 258 (l.).

Subspecies of *limata*: Kempf, 1972a: 88; Bolton, 1995b: 152.

Junior synonym of *limata*: Longino, 2003a: 79; Morgan & Mackay, 2017: 212.

*dewiasi*. *Sphaerocrema dewasi* Bruneau de Miré, 1966: 240, fig. (w.) CAMEROON.

Junior synonym of *wellmani*: Bolton, 1995b: 152.

***difformis***. *Crematogaster difformis* Smith, F. 1857a: 76 (w.) BORNEO (East Malaysia: Sarawak), SINGAPORE.

[Misspelled as *deformis* by Roger, 1863b: 37, and many others; misspelled as *diformis* by Wheeler, W.M. 1919e: 74.]

Emery, 1901g: 574 (q.); Forel, 1909d: 225 (m.); Wheeler, G.C. & Wheeler, J. 1952b: 261 (l.).

Combination in *C. (Physocrema)*: Forel, 1912f: 220.

**Status as species:** Smith, F. 1858b: 137; Mayr, 1862: 767; Mayr, 1863: 404; Roger, 1863b: 37; Mayr, 1867a: 105 (redescription); Smith, F. 1871a: 329; Mayr, 1872: 153; Mayr, 1879: 680 (in key); Emery, 1887b: 467; Emery, 1889b: 506; André, 1892b: 53; Dalla Torre, 1893: 81; Emery, 1893e: 193; Emery, 1897d: 567; Emery, 1900d: 690; Emery, 1901g: 574; Forel, 1903a: 682; Bingham, 1903: 145; Wheeler, W.M. 1908d: 390; Forel, 1909d: 225; Forel, 1910d: 124; Forel, 1911b: 201; Forel, 1912n: 57; Forel, 1913k: 78; Forel, 1915a: 28; Viehmeyer, 1916a: 126; Wheeler, W.M. 1919e: 74; Emery, 1922e: 139; Wheeler, W.M. 1924b: 246; Donisthorpe, 1932c: 450; Menozzi, 1935a: 114; Wheeler, W.M. 1937a: 23; Donisthorpe, 1941l: 226 (in key); Chapman & Capco, 1951: 102; Baltazar, 1966: 251; Bolton, 1995b: 152; Jaitrong & Nabhitabhata, 2005: 18; Hosoiishi & Ogata, 2009b: 22 (redescription); Pfeiffer, *et al.* 2011: 45.

**Senior synonym of *edentata*:** Emery, 1901g: 574; Wheeler, W.M. 1919e: 74; Emery, 1922e: 140; Bolton, 1995b: 152; Hosoiishi & Ogata, 2009b: 22.

***diffusa***. *Myrmica diffusa* Jerdon, 1851: 113 (w.q.m.) INDIA (no state data, “found throughout India”).

[Duplicated in Jerdon, 1854a: 54.]

Combination in *Crematogaster*: Roger, 1863b: 37;

combination in *C. (Acrocoelia)*: Emery, 1922e: 150;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

Unidentifiable taxon: Forel, 1903a: 682.

**Status as species:** Roger, 1863b: 37; Mayr, 1863: 432; Dalla Torre, 1893: 81; Bingham, 1903: 136; Emery, 1922e: 150; Chapman & Capco, 1951: 89; Bolton, 1995b: 152; Tiwari, 1999: 46; Bharti, Guénard, *et al.* 2016: 36.

[Note: Bingham, 1903: 136, suggests that *diffusa* may be a senior synonym of *aberrans*.]

***dimidiata***, misspelling, see under *diminuta*.

***diminuta***. *Crematogaster laestrygon* var. *diminuta* Santschi, 1910a: 43 (w.) TUNISIA.

[Misspelled as *dimidiata* by Santschi, 1937e: 314.]

Karavaiev, 1927b: 105 (q.).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 142.

As unavailable (infrasubspecific) name: Emery, 1912e: 659; Santschi, 1921d: 70; Emery, 1922e: 142; Emery, 1926: 2; Karavaiev, 1927b: 105.

**Subspecies of *laestrygon*:** Santschi, 1937e: 314; Bolton, 1995b: 152.

***dirce***. *Crematogaster excisa* r. *coelestis* var. *dirce* Forel, 1915c: 342 (w.) DEMOCRATIC REPUBLIC OF CONGO; unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Emery, 1922e: 147; Wheeler, W.M. 1922a: 837.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 152.

***discinodis***. *Crematogaster discinodis* Emery, 1893g: 261, pl. 6, fig. 9 (w.) SINGAPORE.

Combination in *C. (Acrocoelia)*: Emery, 1922e: 150.

As unavailable (infrasubspecific) name: Emery, 1922e: 150.

**Subspecies of *brunnea*:** Chapman & Capco, 1951: 87.

**Subspecies of *subnuda*:** Emery, 1900d: 688; Bolton, 1995b: 152.

***dispar*.** *Crematogaster sordidula* r. *dispar* Forel, 1902h: 412 (w.q.m.) AUSTRALIA (Victoria). Combination in *C. (Orthocrema)*: Emery, 1922e: 132.

**Subspecies of *sordidula*:** Wheeler, W.M. 1909a: 27; Forel, 1910b: 31; Forel, 1915b: 54.

**Status as species:** Emery, 1922e: 132; Wheeler, W.M. 1934d: 145; Taylor & Brown, 1985: 61; Taylor, 1987a: 22; Bolton, 1995b: 152; Heterick, 2009: 147.

Current subspecies: nominal plus *bipartita*.

***distans*.** *Crematogaster distans* Mayr, 1870a: 402 (w.) COLOMBIA (“New Granada”).

Kempf, 1968b: 392 (q.).

Combination in *C. (Orthocrema)*: Emery, 1922e: 134;

combination in *C. (Neocrema)*: Santschi, 1918d: 182; Kempf, 1972a: 83.

**Status as species:** Mayr, 1870b: 992 (in key); Mayr, 1887: 625; Dalla Torre, 1893: 81; Forel, 1912f: 218; Forel, 1914e: 11; Forel, 1915c: 356; Bruch, 1915: 530; Luederwaldt, 1918: 41; Emery, 1922e: 134; Borgmeier, 1927c: 94; Gallardo, 1934: 56; Wheeler, W.M. 1942: 196; Kusnezov, 1953b: 337; Kempf, 1968b: 390 (redescription); Kempf, 1972a: 83; Bolton, 1995b: 152; Longino, 2003a: 58 (redescription); Bezděčková, *et al.* 2015: 117; Morgan & Mackay, 2017: 166 (redescription); Pedraza & Fernández, 2019: 896.

**Senior synonym of *cordinoda*:** Kempf, 1968b: 390; Kempf, 1972a: 83; Bolton, 1995b: 152; Longino, 2003a: 59; Morgan & Mackay, 2017: 166.

**Senior synonym of *descolei*:** Longino, 2003a: 59; Morgan & Mackay, 2017: 166.

**Senior synonym of *paraensis*:** Kempf, 1968b: 390; Kempf, 1972a: 83; Bolton, 1995b: 152; Longino, 2003a: 59; Morgan & Mackay, 2017: 166.

**Senior synonym of *parviceps*:** Kempf, 1968b: 390; Kempf, 1972a: 83; Bolton, 1995b: 152; Longino, 2003a: 59; Morgan & Mackay, 2017: 166.

**Senior synonym of *pevsnerae*:** Kempf, 1968b: 390; Kempf, 1972a: 83; Bolton, 1995b: 152; Longino, 2003a: 59; Morgan & Mackay, 2017: 166.

**Senior synonym of *vanda*:** Kempf, 1968b: 390; Kempf, 1972a: 83; Bolton, 1995b: 152; Longino, 2003a: 59; Morgan & Mackay, 2017: 166.

***diversa*.** *Crematogaster (Acrocoelia) nigriceps* st. *prelli* var. *diversa* Santschi, 1928d: 65 (w.) TANZANIA; unavailable (infrasubspecific) name.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 152.

***dohrni*.** *Crematogaster dohrni* Mayr, 1879: 682 (w.) SRI LANKA.

Combination in *C. (Acrocoelia)*: Emery, 1922e: 150;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species:** Dalla Torre, 1893: 81; Emery, 1893f: 243; Emery, 1901f: 120; Forel, 1903a: 682; Bingham, 1903: 139; Forel, 1908a: 2; Forel, 1909e: 394; Forel, 1911i: 223; Emery, 1922e: 150; Wheeler, W.M. 1924b: 246; Wheeler, W.M. 1927b: 45; Karavaiev, 1935a: 91; Chapman & Capco, 1951: 89; Bolton, 1995b: 152; Tang, J. Li, *et al.* 1995: 66; Tiwari, 1999: 43; Terayama, 2009: 178 (in key); Guénard & Dunn, 2012: 42; Bharti, Guénard, *et al.* 2016: 36.

Current subspecies: nominal plus *artifex*, *fabricans*, *gigas*, *kerri*, *kiangsiensis*.

***dolens*.** *Crematogaster dolens* Forel, 1910e: 433 (w.) TANZANIA.

Combination in *C. (Orthocrema)*: Wheeler, W.M. 1922a: 850.

**Subspecies of *pauciseta*:** Forel, 1916: 404 (in text); Wheeler, W.M. 1922a: 850.

**Status as species:** Emery, 1922e: 131; Bolton, 1995b: 152.

**dolichocephala.** *Crematogaster (Oxygyne) stadelmanni* var. *dolichocephala* Santschi, 1911g: 208 (w.q.m.) CONGO.

[*C. stadelmanni* st. *dolichocephala* Santschi, 1910c: 378. *Nomen nudum* (attributed to Emery).]

Combination in *C. (Nematocrema)*: Wheeler, W.M. 1922a: 859.

Junior synonym of *magitae*: Forel, 1911d: 369.

**Subspecies of stadelmanni:** Santschi, 1914d: 349; Forel, 1915c: 337; Wheeler, W.M. 1922a: 160, 859; Emery, 1922e: 158; Bernard, 1953b: 234; Bolton, 1995b: 152.

**donisthorpei.** *Crematogaster (Oxygyne) donisthorpei* Santschi, 1934a: 188 (w.q.m.) ZIMBABWE.

**Status as species:** Bolton, 1995b: 152.

**dorsidens.** *Crematogaster (Orthocrema) dorsidens* Santschi, 1925d: 233 (w.) BRAZIL (Bahia).

**Status as species:** Borgmeier, 1927c: 94; Kempf, 1972a: 87; Bolton, 1995b: 152.

**dubia.** *Crematogaster (Paracrema) dubia* Karavaiev, 1935a: 93, fig. 19 (w.) CAMBODIA.

**Status as species:** Chapman & Capco, 1951: 101; Bolton, 1995b: 152.

**dulcis.** *Crematogaster (Orthocrema) natalensis* var. *dulcis* Santschi, 1926b: 212 (w.) SOUTH AFRICA.

**Subspecies of natalensis:** Bolton, 1995b: 152.

**durbanensis.** *Crematogaster ferruginea* var. *durbanensis* Forel, 1914d: 234 (w.) SOUTH AFRICA.

Arnold, 1920a: 491 (q.).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 145.

As unavailable (infrasubspecific) name: Arnold, 1920a: 491; Emery, 1922e: 145; Wheeler, W.M. 1922a: 832.

**Subspecies of castanea:** Bolton, 1995b: 152.

**dusmeti.** *Crematogaster (Acrocoelia) auberti* st. *fuenti* var. *dusmeti* Santschi, 1925g: 348 (w.) SPAIN; unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Santschi, 1937e: 313 (in key).

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 152.

**ebenina.** *Crematogaster (Oxygyne) ebenina* Forel, 1902c: 199 (w.q.) INDIA (Karnataka, Maharashtra, Kerala).

**Status as species:** Forel, 1903a: 683; Bingham, 1903: 133; Forel, 1906b: 89; Emery, 1922e: 157; Wheeler, W.M. 1927h: 87; Wheeler, W.M. 1928c: 17; Menozzi, 1939a: 300 (in key); Chapman & Capco, 1951: 100; Bolton, 1995b: 152; Wu, J. & Wang, 1995: 63; Tiwari, 1999: 48; Guénard & Dunn, 2012: 42; Hosoishi, 2015: 78 (redescription); Bharti, Guénard, et al. 2016: 36.

**Senior synonym of corax:** Hosoishi, 2015: 78.

**edentata.** *Crematogaster edentata* Mayr, 1867a: 104, pl. 2, fig. 10 (q.) INDONESIA (Java).

Status as species: Dalla Torre, 1893: 81.

Junior synonym of *diformis*: Emery, 1901g: 574; Wheeler, W.M. 1919e: 74; Emery, 1922e: 140; Bolton, 1995b: 152; Hosoishi & Ogata, 2009b: 22.

**edentula.** *Crematogaster (Decacrema) edentula* Santschi, 1914d: 349, fig. 18 (w.m.) GUINEA.

Santschi, 1915c: 253 (q.).

**Status as species:** Santschi, 1915c: 253; Emery, 1922e: 137; Wheeler, W.M. 1922a: 860; Santschi, 1930a: 65; Bolton, 1995b: 152.

**edmeeae.** *Crematogaster* (*Sphaerocrema*) *zavathari* st. *edmeeae* Santschi, 1937g: 77 (w.) CONGO.

[Note: *zavathari* is a misspelling of *zavattarii*.]

**Subspecies of** *zavattarii*: Menozzi, 1942: 169; Bolton, 1995b: 152.

**egidyi.** *Crematogaster egidyi* Forel, 1903c: 254 (w.) CHINA (Hong Kong).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 151;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species:** Wheeler, W.M. 1919e: 72; Emery, 1922e: 151; Wheeler, W.M. 1928c: 16; Wheeler, W.M. 1930h: 66; Chapman & Capco, 1951: 90; Bolton, 1995b: 152; Wu, J. & Wang, 1995: 66; Zhou, 2001b: 75; Zhou, 2006: 582; Pfeiffer, *et al.* 2011: 45; Guénard & Dunn, 2012: 42.

Current subspecies: nominal plus *ingvei*, *spinozai*, *szaboi*.

**egregior.** *Crematogaster longispina* subsp. *egregior* Forel, 1912f: 218 (w.) BRAZIL (Pará).

Combination in *C. (Orthocrema)*: Emery, 1922e: 136.

**Subspecies of** *longispina*: Emery, 1922e: 136; Wheeler, W.M. 1923a: 3; Borgmeier, 1927c: 95; Santschi, 1929f: 88.

**Status as species:** Kempf, 1970b: 332; Kempf, 1972a: 87; Bolton, 1995b: 152; Bezděcková, *et al.* 2015: 117.

*egyptiaca*, misspelling, see under *aegyptiaca*.

**elegans.** *Crematogaster elegans* Smith, F. 1859a: 149 (w.) INDONESIA (Aru Is.).

Combination in *C. (Xiphocrema)*: Emery, 1922e: 139; Donisthorpe, 1932c: 456.

**Status as species:** Mayr, 1863: 404; Roger, 1863b: 37; Dalla Torre, 1893: 81; Emery, 1922e: 139; Donisthorpe, 1932c: 456; Chapman & Capco, 1951: 103; Bolton, 1995b: 152.

[Note: the holotype of *elegans* is mounted on the same card as the holotype of *mimicans*.]

**elgona.** *Crematogaster (Acrocoelia) castanea* st. *inversa* var. *elgona* Santschi, 1935b: 269 (w.) KENYA; unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Santschi, 1937a: 55.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 152.

**elysii.** *Crematogaster elysii* Mann, 1919: 319, fig. 22 (w.) SOLOMON IS (Three Sisters I.).

Combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species:** Wheeler, W.M. 1935g: 21; Bolton, 1995b: 152; Sarnat, *et al.* 2013: 71.

**emacerata.** *Crematogaster (Acrocoelia) castanea* st. *busschodtsi* var. *emacerata* Santschi, 1928d: 62 (w.) SOUTH AFRICA; unavailable (infrasubspecific) name.

As unavailable (infrasubspecific) name: Santschi, 1935a: 257.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 152.

**emeryana.** *Crematogaster (Acrocoelia) lineolata* subsp. *emeryana* Creighton, 1950a: 213 (w.) U.S.A. (Colorado, New Mexico, Arizona).

Morgan & Mackay, 2017: 172 (q.m.).

Combination in *C. (Crematogaster)*: Buren, 1968b: 94 (in key).

**Subspecies of** *lineolata*: Smith, M.R. 1958c: 126; Beck, *et al.* 1967: 68; Smith, M.R. 1967: 356.

**Status as species:** Buren, 1968b: 94 (in key); Hunt & Snelling, 1975: 21; Smith, D.R. 1979: 1378; Allred, 1982: 460; Wheeler, G.C. & Wheeler, J. 1986g: 48; Bolton, 1995b: 152; Mackay & Mackay, 2002: 90; Morgan & Mackay, 2017: 171 (redescription).

**Senior synonym of** *marioni*: Morgan & Mackay, 2017: 171.

**emeryi.** *Crematogaster emeryi* Forel, 1907a: 25.

**Replacement name for** *Crematogaster biroi* Emery, 1900c: 332. [Junior primary homonym of *Crematogaster biroi* Mayr, 1897: 428.]

Combination in *C. (Orthocrema)*: Emery, 1922e: 133.

**Status as species:** Emery, 1922e: 133; Chapman & Capco, 1951: 97; Bolton, 1995b: 152.  
*emmae*. *Crematogaster emmae* Forel, 1891b: 227, pl. 6, fig. 11 (q.) MADAGASCAR.

Santschi, 1928d: 69 (w.).

Combination in *C. (Oxygyne)*: Forel, 1901e: 375.

Status as species: Forel, 1892k: 529 (in key); Dalla Torre, 1893: 81; Emery, 1899f: 286; Forel, 1907g: 81; Emery, 1922e: 156; Wheeler, W.M. 1922a: 1024; Santschi, 1928d: 69; Bolton, 1995b: 152.

Junior synonym of *ranavalonae*: Blaimer, 2012a: 249.

**enneamera**. *Crematogaster enneamera* Emery, 1900c: 330, pl. 8, figs. 33-35 (w.m.) NEW GUINEA (Papua New Guinea).

Combination in *C. (Decacrema)*: Forel, 1910a: 18; Forel, 1910f: 9.

**Status as species:** Emery, 1922e: 138; Menozzi, 1935a: 114; Chapman & Capco, 1951: 95; Bolton, 1995b: 152.

**ensifera**. *Crematogaster (Decacrema) ensifera* Forel, 1910a: 18 (w.) MADAGASCAR.

**Status as species:** Emery, 1922e: 138; Wheeler, W.M. 1922a: 1025; Bolton, 1995b: 152.  
Member of *hova* complex: Blaimer, 2010: 17.

**erecta**. *Crematogaster erecta* Mayr, 1866b: 902, pl. 20, fig. 12 (w.) ("Insel St. Joseph").

[Note: type-locality probably Panama (Isla Las Perlas), after Kempf, 1968b: 381.]

Longino, 2003a: 64 (q.).

Combination in *C. (Orthocrema)*: Emery, 1922e: 135.

**Status as species:** Mayr, 1870b: 991 (in key); Dalla Torre, 1893: 81; Wheeler, W.M. 1905b: 126; Emery, 1922e: 135; Kempf, 1968b: 381 (redescription); Kempf, 1970b: 332; Kempf, 1972a: 87; Bolton, 1995b: 152; Longino, 2003a: 63 (redescription); Bezděčková, et al. 2015: 117; Pedraza & Fernández, 2019: 896.

**Senior synonym of projecta**: Longino, 2003a: 63.

**Senior synonym of virgula**: Kempf, 1968b: 381; Kempf, 1972a: 87; Bolton, 1995b: 152; Longino, 2003a: 63.

**erectepilosa**. *Crematogaster erectepilosa* Salata & Borowiec, 2015a: 65, figs. 3, 4, 7, 10, 14 (w.) GREECE (Dodecanese Is.).

**Status as species:** Lebas, et al. 2016: 274; Borowiec, L. & Salata, 2018: 5; Salata & Borowiec, 2018c: 44.

**ericii**. *Crematogaster (Orthocrema) quadriformis* st. *ericii* Santschi, 1929d: 291 (w.) ARGENTINA (Córdoba).

Subspecies of *quadriformis*: Gallardo, 1934: 38; Kempf, 1972a: 88; Bolton, 1995b: 152.

Junior synonym of *abstinens*: Longino, 2003a: 30.

**esterelana**. *Orthocrema esterelana* Bernard, 1978b: 43, fig. 1 (w.q.m.) FRANCE.

Combination in *Crematogaster*: Bolton, 1995b: 152.

Status as species: Bolton, 1995b: 152.

Junior synonym of *sordidula*: Casevitz-Weulersse & Galkowski, 2009: 487.

**etiolata**. *Crematogaster lucayana* subsp. *etiolata* Wheeler, W.M. 1905b: 95 (w.q.) BAHAMAS (Andros I.).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 141.

As unavailable (infrasubspecific) name: Wheeler, W.M. 1942: 192; Enzmann, J. 1946c: 93.

**Subspecies of lucayana:** Emery, 1922e: 141; Kempf, 1972a: 81; Bolton, 1995b: 152.

**euphrosyne.** *Crematogaster excisa* subsp. *impressa* var. *euphrosyne* Santschi, in Wheeler, W.M. 1922a: 153 (w.) DEMOCRATIC REPUBLIC OF CONGO; unavailable (infrasubspecific) name.

Declared as unavailable (infrasubspecific) name: Bolton, 1995b: 152.

**curydice.** *Crematogaster (Atopogyne) eurydice* Forel, 1915b: 56 (q.) AUSTRALIA (Western Australia).

Combination in *C. (Acrocoelia)*: Emery, 1922e: 152;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Status as species:** Emery, 1922e: 152; Taylor & Brown, 1985: 61; Taylor, 1987a: 22; Bolton, 1995b: 152.

**euterpe.** *Crematogaster (Neocrema) euterpe* Santschi, 1922d: 246 (w.) ARGENTINA (Jujuy).

**Status as species:** Gallardo, 1934: 63; Kempf, 1972a: 83; Bolton, 1995b: 152.

**evallans.** *Crematogaster evallans* Forel, 1907e: 6 (footnote) (w.) (not q. as stated) BRAZIL (Rio de Janeiro).

[Misspelled as *evellens* by Luederwaldt, 1918: 41.]

Forel, 1912f: 218 (w.).

Combination in *C. (Crematogaster)*: Emery, 1922e: 137;

combination in *C. (Eucrema)*: Emery, 1922e: 137.

**Status as species:** Forel, 1912f: 218; Luederwaldt, 1918: 41; Emery, 1922e: 137; Borgmeier, 1927c: 98; Kempf, 1972a: 82; Bolton, 1995b: 152; Longino, 2003a: 65 (redescription); Branstetter & Sáenz, 2012: 258; Pedraza & Fernández, 2019: 896.

**Senior synonym of carboneescens:** Longino, 2003a: 66.

**excisa.** *Crematogaster excisa* Mayr, 1895: 139 (w.) CONGO (“Loango im tropischen Westafrika”), SIERRA LEONE.

Combination in *C. (Crematogaster)*: Wheeler, W.M. 1922a: 836;

combination in *C. (Acrocoelia)*: Emery, 1922e: 146;

combination in *C. (Crematogaster)*: Bolton, 1995b: 166.

**Subspecies of buchneri:** Forel, 1916: 411 (in text).

**Status as species:** Santschi, 1913a: 413 (in key); Santschi, 1914b: 99; Stitz, 1916: 385; Arnold, 1920a: 501; Emery, 1922e: 146; Wheeler, W.M. 1922a: 153, 836; Santschi, 1928d: 63; Santschi, 1935a: 257; Bolton, 1995b: 152.

Current subspecies: nominal plus *bomaella*, *cavinota*, *lacustris*.

**exigua.** *Crematogaster xerophila* var. *exigua* Wheeler, W.M. 1915g: 811 (w.) AUSTRALIA (South Australia).

Combination in *C. (Orthocrema)*: Emery, 1922e: 135.

**Subspecies of xerophila:** Emery, 1922e: 133; Taylor & Brown, 1985: 63; Taylor, 1987a: 23; Bolton, 1995b: 152.