

DINOPONERA

australis. *Dinoponera grandis* subsp. *australis* Emery, 1901a: 48 (w.) BRAZIL (São Paulo), ARGENTINA (Misiones), PARAGUAY.

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

Type-locality: Brazil: São Paulo, Avanhandava (no collector's name) (by restriction of Borgmeier, 1937b: 227).

[Note: Lenhart, *et al.* 2013: 135, record 5 syntypes from the type-locality; other syntypes are from Argentina: Misiones, 1881 (*Berg*), Misiones, Giabibiri, iii.1884 (*G. Bove*), and Paraguay: Rio Apa (*Balzan*).]

Type-depository: MSNG.

Santschi, 1921g: 85 (m.); Borgmeier, 1937b: 228 (q.).

Subspecies of *grandis*: Forel, 1907e: 1; Forel, 1909a: 266; Emery, 1911d: 63; Santschi, 1912e: 521; Bruch, 1914: 214; Gallardo, 1918b: 51 (redescription); Santschi, 1921g: 85; Borgmeier, 1923: 63; Santschi, 1929a: 416.

Status as species: Borgmeier, 1937b: 227; Kempf, 1971: 382 (redescription); Kempf, 1972a: 96; Zolessi, *et al.* 1988: 2; Brandão, 1991: 340; Bolton, 1995b: 171; Wild, 2007b: 39; Lenhart, *et al.* 2013: 135 (redescription); Feitosa, 2015c: 98; Guénard & Economo, 2015: 228; Escárraga, *et al.* 2017: 134 (in key).

Senior synonym of *brevis*: Kempf, 1971: 382; Kempf, 1972a: 96; Bolton, 1995b: 171; Lenhart, *et al.* 2013: 135.

Distribution: Argentina, Bolivia, Brazil, Paraguay, Peru.

Current subspecies: nominal plus *bucki*, *nigricolor*.

brevis. *Dinoponera australis* var. *brevis* Borgmeier, 1937b: 227.

Type-material: holotype worker.

Type-locality: Paraguay: (no further data) (*Reichensperger*).

Type-depository: NHMB.

[First available use of *Dinoponera grandis* subsp. *australis* var. *brevis* Santschi, 1929a: 416 (w.) PARAGUAY; unavailable (infrasubspecific) name.]

Junior synonym of *australis*: Kempf, 1971: 382; Kempf, 1972a: 96; Bolton, 1995b: 171; Lenhart, *et al.* 2013: 135.

bucki. *Dinoponera australis* subsp. *bucki* Borgmeier, 1937b: 228, figs. 7, 9 (w.m.) BRAZIL (Rio Grande do Sul).

Type-material: 2 syntype workers, 1 syntype male.

Type-locality: Brazil: Rio Grande do Sul, Palmeira, 27.i.1929, no. 4.826 (*P. Buck*).

Type-depository: MZSP.

Subspecies of *australis*: Kempf, 1971: 386; Kempf, 1972a: 97; Bolton, 1995b: 171; Lenhart, *et al.* 2013: 135.

Distribution: Brazil.

gigantea. *Ponera gigantea* Perty, 1833: 135, pl. 27, fig. 3 (w.) BRAZIL (Amazonas).

Type-material: holotype(?) worker.

[Note: no indication of number of specimens is given.]

Type-locality: Brazil: Rio Negro ("called Tucanquibura by locals") (no collector's name).

Type-depository: unknown, presumed lost (perhaps in MNHN?)

Kempf, 1971: 372 (m.).

Combination in *Dinoponera*: Roger, 1861a: 38.

Status as species: Borgmeier, 1937b: 225; Kempf, 1970b: 326; Kempf, 1971: 371 (redescription); Kempf, 1972a: 97; Bolton, 1995b: 171; Lenhart, *et al.* 2013: 139

(redescription); Bezděčková, *et al.* 2015: 123; Feitosa, 2015c: 98; Escárraga, *et al.* 2017: 134 (in key).

Synonym of *grandis*: Roger, 1861a: 38; Mayr, 1863: 407; Roger, 1863b: 19; Dalla Torre, 1893: 31; Forel, 1895b: 113; Emery, 1911d: 63; Borgmeier, 1923: 63.

[Note: all these authors give *grandis* as senior synonym, but *gigantea* has priority.]

Senior synonym of *grandis*: Borgmeier, 1937b: 225; Kempf, 1971: 371; Kempf, 1972a: 97; Bolton, 1995b: 171; Lenhart, *et al.* 2013: 139.

Distribution: Brazil, Guyana, Peru.

grandis. *Ponera grandis* Guérin-Méneville, 1838: 206 (w.) BRAZIL (Minas Gerais).

Type-material: holotype(?) worker.

[Note: no indication of number of specimens is given.]

Type-locality: Brazil: Minas Gerais (“dans la province des Mines”).

Type-depository: MNHN.

Emery, 1911a: 220 (m.); Wheeler, G.C. & Wheeler, J. 1986a: 387 (l.).

Combination in *Dinoponera*: Roger, 1861a: 38.

Status as species: Smith, F. 1858b: 95; Roger, 1861a: 38; Mayr, 1862: 730; Mayr, 1863: 407; Roger, 1863b: 19; Dalla Torre, 1893: 31; von Jhering, 1894: 380; Forel, 1895b: 113; Emery, 1896h: 625; Emery, 1901a: 47; Forel, 1904b: 369; Forel, 1908e: 64; Emery, 1911d: 63; Mann, 1916: 408; Luederwaldt, 1918: 35; Borgmeier, 1923: 63; Santschi, 1939f: 160.

Synonym of *gigantea*: Roger, 1861a: 38; Mayr, 1863: 407; Roger, 1863b: 19; Dalla Torre, 1893: 31; Forel, 1895b: 113; Emery, 1911d: 63; Borgmeier, 1923: 63.

[Note: all these authors give *grandis* as senior synonym, but *gigantea* has priority.]

Junior synonym of *gigantea*: Borgmeier, 1937b: 225; Kempf, 1971: 371; Kempf, 1972a: 97; Bolton, 1995b: 171; Lenhart, *et al.* 2013: 139.

*hispid*a. *Dinoponera hispid*a Lenhart, *et al.* 2013: 141, figs. 1C, 1G, 2, 13 (w.) BRAZIL (Pará).

Type-material: holotype worker, 4 paratype workers.

Type-locality: holotype: Brazil: Pará, Tucuruí, i.1979 (*M. Alvarenga*); paratypes: 1 worker with same data, 1 worker Tucuruí Margem esq. 21.ii.1979 (*W.L. Overal, Várzea*), 1 worker Tucuruí, 20.viii.1979 (*R.B. Neto*), 1 worker Tucuruí, 19.viii.1979, km. 28 (*W.L. Overal*).

Type-depositories: MCZC (holotype); CASC, LACM, MZSP, WEMC (paratypes).

Status as species: Feitosa, 2015c: 98.

Distribution: Brazil.

*longip*es. *Dinoponera grandis* subsp. *longip*es Emery, 1901a: 48 (w.) PERU.

Type-material: holotype worker.

Type-locality: Peru: Cumbase (no further data).

Type-depository: MSNG.

Lenhart, *et al.* 2013: 144 (m.).

Subspecies of *grandis*: Emery, 1911d: 63.

Subspecies of *gigantea*: Borgmeier, 1937b: 225.

Status as species: Kempf, 1971: 375 (redescription); Kempf, 1972a: 97; Bolton, 1995b: 171; Zabala, 2008: 140; Lenhart, *et al.* 2013: 143 (redescription); Bezděčková, *et al.* 2015: 123; Feitosa, 2015c: 98; Escárraga, *et al.* 2017: 134 (in key); Fernández & Guerrero, 2019: 520.

Distribution: Brazil, Colombia, Ecuador, Peru.

lucida. *Dinoponera grandis* subsp. *lucida* Emery, 1901a: 48 (w.) BRAZIL (Espírito Santo).

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

Type-locality: Brazil: Espírito Santo (ex coll. Fruhstorfer).

[Note: Kempf, 1971: 376, proposes the type-locality as, “Cidade do Espírito Santo, better known under the name of Vila Velha, near Vitória, Espírito Santo State”.]

Type-depository: MSNG.

Escárraga, *et al.* 2017: 130 (m.).

Subspecies of *grandis*: Forel, 1907e: 1; Emery, 1911d: 63; Mann, 1916: 408; Santschi, 1921g: 84; Borgmeier, 1923: 63.

Subspecies of *gigantea*: Borgmeier, 1937b: 226.

Status as species: Kempf, 1971: 376 (redescription); Kempf, 1972a: 97; Bolton, 1995b: 171; Lenhart, *et al.* 2013: 146 (redescription); Feitosa, 2015c: 98; Escárraga, *et al.* 2017: 130.

Distribution: Brazil.

***mutica*.** *Dinoponera grandis* subsp. *mutica* Emery, 1901a: 48 (w.) BRAZIL (Mato Grosso).

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

Type-locality: Brazil: Mato Grosso (*Germain*).

[Note: Kempf, 1971: 378, proposes the type-locality as, “Rondonópolis in the center of Mato Grosso State”.]

Type-depository: MSNG.

Wheeler, G.C. & Wheeler, J. 1952c: 607 (l.).

Subspecies of *grandis*: Emery, 1911d: 63; Mann, 1916: 408; Santschi, 1921g: 84; Borgmeier, 1923: 64.

Subspecies of *gigantea*: Borgmeier, 1937b: 226.

Status as species: Kempf, 1971: 378 (redescription); Kempf, 1972a: 97; Kempf, 1975c: 344; Brandão, 1991: 340; Bolton, 1995b: 171; Wild, 2007b: 39; Lenhart, *et al.* 2013: 148 (redescription); Feitosa, 2015c: 98.

Distribution: Bolivia, Brazil, Paraguay.

***nigricolor*.** *Dinoponera australis* subsp. *nigricolor* Borgmeier, 1937b: 228, figs. 5, 6, 8 (w.q.m.) BRAZIL (Goiás).

Type-material: lectotype male (by designation of Kempf, 1971: 387), 6+ paralectotype workers, 1 paralectotype “ergatoid queen”.

[Note: Kempf, 1971: 387, points out that the “ergatoid queen” is in fact a mermithergate.]

Type-locality: lectotype Brazil: Goyaz (= Goiás), Campinas, 5.v.1933, at light (*P.J.S. Schwarzmaier*);

paralectotypes: 6 workers, 1 “ergatoid” Brazil: Goyaz (= Goiás), Campinas, 6.ii.1936 (*R. Spitz*), and “several workers from the same locality (Campinas), taken at different times” (*P.J.S. Schwarzmaier*).

Type-depository: MZSP.

Subspecies of *australis*: Kempf, 1971: 387; Kempf, 1972a: 97; Bolton, 1995b: 171; Lenhart, *et al.* 2013: 135.

Distribution: Brazil.

***opaca*.** *Dinoponera opaca* Kempf, 1971: 379.

Type-material: holotype worker.

Type-locality: Brazil: Rio de Janeiro (*Goeldi*).

Type-depository: NHMB.

[First available use of *Dinoponera grandis* st. *mutica* var. *opaca* Santschi, 1921g: 84 (w.) BRAZIL (Rio de Janeiro); unavailable (infrasubspecific) name.]

As unavailable (infrasubspecific) name: Borgmeier, 1923: 102; Borgmeier, 1937b: 225.

Status as species: Kempf, 1972a: 97.

Junior synonym of *quadriceps*: Kempf, 1975c: 344; Brandão, 1991: 340; Bolton, 1995b: 171; Lenhart, *et al.* 2013: 149.

***quadriceps*.** *Dinoponera quadriceps* Kempf, 1971: 380.

Type-material: holotype worker.

Type-locality: Brazil: Pernambuco, São Lourenço da Mata, Tapera (*Reichensperger*).

Type-depository: NHMB.

[First available use of *Dinoponera grandis* st. *mutica* var. *quadriceps* Santschi, 1921g: 84 (w.) BRAZIL (no state data); unavailable (infrasubspecific) name.]

Borgmeier, 1937b: 227 (m.).

As unavailable (infrasubspecific) name: Borgmeier, 1923: 102; Borgmeier, 1937b: 226.

Status as species: Kempf, 1972a: 97; Kempf, 1975c: 344; Brandão, 1991: 340; Bolton, 1995b: 171; Lenhart, *et al.* 2013: 149 (redescription); Bezděčková, *et al.* 2015: 123; Feitosa, 2015c: 98; Escárraga, *et al.* 2017: 134 (in key).

Senior synonym of *opaca*: Kempf, 1975c: 344; Brandão, 1991: 340; Bolton, 1995b: 171; Lenhart, *et al.* 2013: 149.

Distribution: Brazil, Peru.

***snellingi*.** *Dinoponera snellingi* Lenhart, *et al.* 2013: 152, figs. 4D, 4I, 4N, 5B, 7, 9B, 10B, 11B, 13 (m.) BRAZIL (Mato Grosso do Sul).

Type-material: holotype male, 2 paratype males.

Type-locality: holotype Brazil: Mato Grosso do Sul, Campo Grande, 12.x.1989, #12404 (*W.P. Mackay*); paratypes with same data but 8.x.1989, #12359.

Type-depositories: MZSP (holotype); MCZC, WEMC (paratypes).

Status as species: Feitosa, 2015c: 98; Escárraga, *et al.* 2017: 134 (in key).

Distribution: Brazil.