

BARRY BOLTON'S ANT CATALOGUE, 2020

**ORECTOGNATHUS**

**alligator.** *Orectognathus alligator* Taylor, 1980a: 778, figs. 4-6 (w.) AUSTRALIA (Queensland).

Type-material: holotype worker, 5 paratype workers.

Type-locality: holotype Australia: Queensland, Spencer Gap ( $21^{\circ}20'S$ ,  $148^{\circ}56'E$ ), 20 km. SW of Walkerston, 150 m., 16.viii.1975, under rock, dry sclerophyll woodland (*B.B. Lowery*); paratypes: 5 workers Queensland, 8 km. S of Cardwell ( $18^{\circ}16'S$ ,  $146^{\circ}01'E$ ), 15.iv.1976, open *Eucalyptus* woodland (*P.J.M. Greenslade*).

Type-depositories: ANIC (holotype); ANIC, QMBA (paratypes).

[*Orectognathus alligator* Taylor, 1978b: 9 (in key); unavailable name (published without designation of type-material).]

**Status as species:** Taylor & Brown, 1985: 72; Taylor, 1987a: 51; Bolton, 1995b: 301; Bolton, 2000: 20.

Distribution: Australia.

**antennatus.** *Orectognathus antennatus* Smith, F. 1853: 228, pl. 21, fig. 9 (w.) NEW ZEALAND.

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

Type-locality: New Zealand: (no further data).

Type-depository: BMNH.

Brown, 1953k: 99 (q.m.); Wheeler, G.C. & Wheeler, J. 1973c: 213 (l.).

**Status as species:** Smith, F. 1858b: 161; Roger, 1863b: 40; Mayr, 1863: 439; Hutton, 1881: 115; Forel, 1892c: 338; Dalla Torre, 1893: 148; Forel, 1905a: 354; Emery, 1924d: 318; Wheeler, W.M. 1927i: 145; Wheeler, W.M. 1935g: 32; Brown, 1953k: 99; Brown, 1958b: 28 (in key); Brown, 1958h: 36; Wilson & Taylor, 1967: 103; Taylor, 1977: 588 (in key); Taylor, 1978b: 10 (in key); Taylor, 1980a: 786; Taylor & Brown, 1985: 72; Taylor, 1987a: 51; Bolton, 1995b: 301; Bolton, 2000: 21; Don, 2007: 124.

**Senior synonym of septentrionalis:** Brown, 1953k: 99; Brown, 1958h: 36; Taylor & Brown, 1985: 72; Taylor, 1987a: 51; Bolton, 1995b: 301.

Distribution: Australia, New Zealand.

**biroi.** *Orectognathus biroi* Szabó, 1926: 351, fig. B,b (w.) NEW GUINEA (Papua New Guinea).

Type-material: holotype worker.

Type-locality: Papua New Guinea ("Nouvelle Guinée"): Huon Gulf, Sattelberg, 1899 (*L. Biró*).

Type-depository: HNHM.

Combination in *Arnoldidris*: Brown, 1950c: 145;

combination in *Orectognathus*: Taylor, 1977: 583.

**Status as species:** Brown, 1950c: 145; Brown, 1953k: 87; Brown, 1958b: 22 (in key); Taylor, 1977: 585, 589 (in key); Taylor, 1978b: 9 (in key); Taylor, 1980a: 786; Bolton, 1995b: 301; Bolton, 2000: 21.

Distribution: Papua New Guinea.

**chyzeri.** *Orectognathus chyzeri* Emery, 1897c: 571, pl. 14, figs. 1, 2 (w.) NEW GUINEA (Papua New Guinea).

Type-material: holotype worker.

Type-locality: Papua New Guinea ("Nova-Guinea, Colonia Germanica"): Berlinhafen (= Aitepe), 3.x.1896 (*L. Biró*).

Type-depository: HNHM.

Combination in *Arnoldidris*: Brown, 1950c: 145;

combination in *Orectognathus*: Taylor, 1977: 583.

**Status as species:** Emery, 1924d: 318; Brown, 1950c: 145; Chapman & Capco, 1951: 105; Brown, 1953k: 87; Brown, 1958b: 22 (in key); Taylor, 1977: 589 (in key); Taylor, 1978b: 9 (in key); Taylor, 1980a: 786; Bolton, 1995b: 301; Bolton, 2000: 21.

Distribution: Papua New Guinea.

**clarki.** *Orectognathus clarki* Brown, 1953k: 94, figs. 1b, 2c (w.q.m.) AUSTRALIA (Victoria, Tasmania, New South Wales, Queensland).

Type-material: holotype worker, 62 paratype workers, 8 paratype queens, 1 paratype male.

Type-locality: holotype Australia: Victoria, Ferntree Gully (W.L. Brown); paratypes with same data as holotype, paratype series from same locality (J. Clark), (F.P. Spry); paratypes Victoria, summit of Mt Dandenong, 2000 ft (W.L. Brown), Airey's Inlet, Otway Peninsula (J.J. McAreavey), Millgrove (J.E. Dixon), Woori Yallock (L.B. Thorn); paratypes Tasmania, Hobart (A.M. Lea), Tasmania, Trevallyn (V.V. Hickman), Launceston (C.E. Cole); paratypes New South Wales, Dorrigo (W. Heron); paratypes Queensland, Toowoomba (E.J. Dumigan).

Type-depositories: MCZC (holotype); AMSC, ANIC, BMNH, HNHM, MCZC, MHNG, MSNG, NVM, QMBA, SAMA, USNM, WAMP (paratypes).

Wheeler, G.C. & Wheeler, J. 1955a: 126 (l.); Crozier, 1968b: 87 (k.).

**Status as species:** Brown, 1958b: 29 (in key); Taylor, 1977: 588 (in key); Taylor, 1978b: 10 (in key); Taylor, 1980a: 773; Taylor & Brown, 1985: 73; Taylor, 1987a: 51; Bolton, 1995b: 301; Bolton, 2000: 21; Heterick, 2009: 168.

Distribution: Australia.

**coccinatus.** *Orectognathus coccinatus* Taylor, 1980a: 779, figs. 7-9 (w.q.) AUSTRALIA (Queensland).

Type-material: holotype worker, 34 paratype workers, 11 paratype queens.

Type-locality: holotype Australia: Queensland, Byfield (22°51'S, 150°39'E), near Yeppoon, 60 m., 26.x.1976, acc. 76.210, disturbed rainforest (R.W. Taylor & T.A. Weir); paratypes: 14 workers, 3 queens with same data; 20 workers, 8 queens with same data but acc. 76.197, and acc. 76.209.

Type-depositories: ANIC (holotype); ANIC, BMNH, MCZC, MHNG, MNHU, QMBA (paratypes).

[*Orectognathus coccinatus* Taylor, 1978b: 9 (in key); unavailable name (published without designation of type-material).]

**Status as species:** Taylor & Brown, 1985: 73; Taylor, 1987a: 51; Bolton, 1995b: 301; Bolton, 2000: 21.

Distribution: Australia.

**csikii.** *Orectognathus csikii* Szabó, 1926: 351, fig. A,a (w.) NEW GUINEA (Papua New Guinea).

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

Type-localities: Papua New Guinea ("Nouvelle Guinée"): Astrolabe Bay, Erima, 1897 (*L. Biró*), and Marega, 1901 (*L. Biró*).

Type-depository: HNHM.

**Status as species:** Brown, 1953k: 100; Brown, 1958b: 27 (in key); Taylor & Lowery, 1972: 307 (redescription); Taylor, 1977: 587 (in key); Taylor, 1978b: 11 (in key); Taylor, 1980a: 786; Bolton, 1995b: 301; Bolton, 2000: 22.

Distribution: Papua New Guinea.

**darlingtoni.** *Orectognathus darlingtoni* Taylor, 1977: 606, figs. 31-36 (w.q.k.) AUSTRALIA (Queensland).

Type-material: holotype worker, 40 paratype workers, 3 paratype queens.

Type-locality: holotype Australia: Queensland, Lake Eacham Nat. Park (17°18'S, 145°37'E), near Yungaburra, ca 760 m., 17-18.vii.1971 (R.W. Taylor & J.E. Feehan); paratypes: 30 workers, 1 queen with same data, paratypes Queensland, 3.2 km. E of Lake Barrine, ca 720 m., 1.vii.1971 (R.W. Taylor & J.E. Feehan), 1.6 km. S of Yungaburra (Curtain Fig Scrub), ca 720 m., 7.ix.1975 (R.W. Taylor).

Type-depositories: ANIC (holotype); ANIC, BMNH, HNHM, MCZC, MHNG, MNHN, MNHU, QMBA, SAMA (paratypes).

Imai, Crozier & Taylor, 1977: 349 (k.).

**Status as species:** Taylor, 1978b: 10 (in key); Taylor, 1980a: 786; Taylor & Brown, 1985: 73; Taylor, 1987a: 51; Bolton, 1995b: 301; Bolton, 2000: 22.

Distribution: Australia.

***echinus*.** *Orectognathus echinus* Taylor & Lowery, 1972: 310, pl. 2 (w.q.) NEW GUINEA (Papua New Guinea).

Type-material: holotype worker, 68 paratype workers, 2 paratype queens.

Type-locality: holotype Papua New Guinea: 10 km. E of Wau, Black Cat Trail, ca 1370 m., 6.i.1971 (*B.B. Lowery*); paratypes: 56 workers, 1 queen with same data, 13 workers, 1 queen Papua New Guinea: 12.9 km. W of Bulolo, ca 700 m., 22.xii. 1970 (*B.B. Lowery*).

Type-depositories: ANIC (holotype); ANIC, BMNH, BPBM, DASF, DFBC, HNHM, MCZC, MHNG, MNHU (paratypes).

Wheeler, G.C. & Wheeler, J. 1986f: 495 (l.).

**Status as species:** Taylor, 1977: 587 (in key); Taylor, 1978b: 10 (in key); Taylor, 1980a: 786; Bolton, 1995b: 301; Bolton, 2000: 22.

Distribution: Papua New Guinea.

***elegantulus*.** *Orectognathus elegantulus* Taylor, 1977: 589, figs. 11-13 (w.q.) AUSTRALIA (Queensland).

Type-material: holotype worker, 7 paratype workers, 1 paratype queen.

Type-locality: holotype worker Australia: Queensland, Lamington Nat. Park, near O'Reilly's Guest House (ca 28°14'S, 153°08'E), 920 m., 21.iii.1973, on tree trunk in primary rainforest, at night (*R.W. Taylor & R.J. Kohout*); paratypes: 5 workers with same data, 2 workers, 1 queen Australia: New South Wales, Dorrigo Nat. Park (ca 30°23'S, 152°44'E), 700 m., 6.i.1975, ex rotting log, rainforest (*P.S. Ward*).

Type-depositories: ANIC (holotype); AMSC, ANIC, BMNH, MCZC, MHNG, QMBA (paratypes).

**Status as species:** Taylor, 1978b: 10 (in key); Taylor, 1980a: 786; Taylor & brown, 1985: 73; Taylor, 1987a: 51; Bolton, 1995b: 301; Bolton, 2000: 22.

Distribution: Australia.

***horvathi*.** *Orectognathus horvathi* Szabó, 1926: 349, fig. C,c (w.) NEW GUINEA (Papua New Guinea).

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

Type-locality: Papua New Guinea ("Nouvelle Guinée"): Huon Gulf, Sattelberg, 1898 (*L. Biró*).

Type-depository: HNHM.

Combination in *Arnoldidris*: Brown, 1950c: 145;

combination in *Orectognathus*: Taylor, 1977: 583.

**Status as species:** Brown, 1950c: 145; Brown, 1953k: 87; Brown, 1958b: 22 (in key); Taylor, 1977: 585, 588 (in key); Taylor, 1978b: 10 (in key); Taylor, 1980a: 786; Bolton, 1995b: 301; Bolton, 2000: 22.

Distribution: Papua New Guinea.

***howensis*.** *Orectognathus antennatus* var. *howensis* Wheeler, W.M. 1927i: 145, fig. 7 (w.) AUSTRALIA (Lord Howe I.).

Type-material: holotype worker.

Type-locality: Australia: Lord Howe I. (*A.M. Lea*).

Type-depository: ANIC.

**Subspecies of *antennatus*:** Wheeler, W.M. 1935g: 32.

**Status as species:** Brown, 1953k: 100; Brown, 1958b: 27 (in key); Taylor, 1977: 588 (in key); Taylor, 1978b: 10 (in key); Taylor, 1980a: 786; Taylor & Brown, 1985: 73; Taylor, 1987a: 51; Bolton, 1995b: 301; Bolton, 2000: 22.

Distribution: Australia.

***hystrix*.** *Orectognathus hystrix* Taylor & Lowery, 1972: 307, pl. 1 (w.m.) NEW GUINEA (Papua New Guinea).

Type-material: holotype worker, 15 paratype workers, 2 paratype males.

Type-locality: holotype Papua New Guinea: Morobe District, 6.4 km. S of Bulolo, near Bulolo River, ca 610 m., 15.xii.1967 (*B.B. Lowery*); paratypes: 12 workers, 2 males with same data, 2 workers 8 km. E of Bulolo, ca 1060 m., 19.xii.1970, 4.30-5.30 pm (*B.B. Lowery*); 1 worker ca 13 km. W of Bulolo, 760 m., 22.xii.1970 (*B.B. Lowery*).

Type-depositories: ANIC (holotype); ANIC, BMNH, BPBM, DASF, DFBC, MCZC, MHNG (paratypes).

**Status as species:** Taylor, 1977: 587 (in key); Taylor, 1978b: 11 (in key); Taylor, 1980a: 787; Bolton, 1995b: 301; Bolton, 2000: 23.

Distribution: Papua New Guinea.

**kanangra.** *Orectognathus kanangra* Taylor, 1980a: 776, figs. 1-3 (w.) AUSTRALIA (New South Wales).

Type-material: holotype worker.

Type-locality: Australia: New South Wales, Gingra Range, near Kanangra Tops (34°00'S, 150°10'E), 750 m., 18.iv.1976, under stone in dry sclerophyll woodland (*P.S. Ward*).

Type-depository: ANIC.

[*Orectognathus kanangra* Taylor, 1978b: 9 (in key); unavailable name (published without designation of type-material).]

**Status as species:** Taylor & Brown, 1985: 73; Taylor, 1987a: 51; Bolton, 1995b: 301; Bolton, 2000: 23.

Distribution: Australia.

**longispinosus.** *Orectognathus longispinosus* Donisthorpe, 1941h: 58 (w.) NEW GUINEA (Indonesia: Yapen I.).

Type-material: holotype worker.

Type-locality: Indonesia: Irian Jaya, Yapen I. (= Yapen I.), Mt Baduri, 1000 ft, viii.1938 (*L.E. Cheesman*).

Type-depository: BMNH.

Combination in *Arnoldidris*: Brown, 1950c: 145;

combination in *Orectognathus*: Taylor, 1977: 583.

**Status as species:** Brown, 1950c: 145; Chapman & Capco, 1951: 105; Brown, 1953k: 87; Brown, 1958b: 22 (in key); Taylor, 1977: 589 (in key); Taylor, 1978b: 10 (in key); Taylor, 1980a: 787; Bolton, 1995b: 301; Bolton, 2000: 23.

Distribution: Indonesia (Yapen I.).

**mjobergi.** *Orectognathus mjobergi* Forel, 1915b: 38, pl. 2, figs. 3, 4 (w.q.) AUSTRALIA (Queensland).

Type-material: 1 syntype worker, 1 syntype queen.

Type-localities: worker Australia: Queensland, Cedar Creek (*E. Mjöberg*), queen Queensland, Malanda (*E. Mjöberg*).

Type-depository: MHNG.

Wheeler, G.C. & Wheeler, J. 1955a: 127 (l.); Wheeler, G.C. & Wheeler, J. 1973c: 213 (l.).

**Status as species:** Emery, 1924d: 318; Brown, 1953k: 98; Brown, 1958b: 28 (in key); Taylor, 1977: 588 (in key); Taylor, 1978b: 10 (in key); Taylor, 1980a: 787; Taylor & Brown, 1985: 73; Taylor, 1987a: 51; Bolton, 1995b: 301; Bolton, 2000: 23.

**Senior synonym of unicolor:** Brown, 1953k: 98; Taylor & Brown, 1985: 73; Taylor, 1987a: 51; Bolton, 1995b: 301.

Distribution: Australia.

**nanus.** *Orectognathus nanus* Taylor, 1977: 605, figs. 20-22 (w.q.) AUSTRALIA (Queensland).

Type-material: holotype worker, 11 paratype workers, 14 paratype queens, 1 paratype male.

Type-locality: holotype Australia: Queensland, Seymour Range, ca 5 km. N of Innisfail (17°32'S, 146°02'E), ca 40 m., 3-4.xi.1966 (*R.W. Taylor*); paratypes: 5 workers, 1 male with same data, 1 worker Queensland, Kuranda, Black Mountain Road, 350 m., 27.vi.1971 (*R.W. Taylor & J.E. Feehan*), 1 worker Lake Eachan Nat. Park, 760 m., 20.ii.1973 (*R.W. Taylor*), 1 queen Crawford's Lookout, 320 m., 5.vii.1971 (*R.W. Taylor & J.E. Feehan*), 1 worker Tully Falls Nat. Park, ca 750 m., 2.vii.1971 (*R.W. Taylor & J.E. Feehan*).

*Feehan*), 2 workers, 3 queens McNamee Creek, 10-14 km. W of Paronella Park, 400 m. and 600 m., 6.vii.1971 (*R.W. Taylor & J.E. Feehan*), 1 worker Cardwell Range, near Alma Gap, ca 12 km. W of Kennedy, 610 m., 26.vi.1962 (*R.W. Taylor*).

Type-depositories: ANIC (holotype); ANIC, BMNH, MHNG, MCZC, QMBA (paratypes).

**Status as species:** Taylor, 1978b: 9 (in key); Taylor, 1980a: 774; Taylor & Brown, 1985: 73; Taylor, 1987a: 51; Bolton, 1995b: 301; Bolton, 2000: 23.

Distribution: Australia.

***nigriventris*.** *Orectognathus nigriventris* Mercovich, 1958: 195, fig. (w.) AUSTRALIA (New South Wales) (date of publication 28.vii.1958).

Type-material: holotype worker, 45 paratype workers, 4 paratype queens.

Type-locality: holotype Australia: New South Wales, Martinville, near Morisset (ca 80 mi. N of Sydney), Dora Creek, 4.ix.1956 (*T.C. Mercovich*); paratypes: 45 workers with same data, 1 queen New South Wales, Como, 3 queens New South Wales, Galston Gorge, Cowan Creek, and Calga.

Type-depositories: QMBA (holotype); AMSC, ANIC, MCZC, NVM, QMBA (paratypes).

[*Orectognathus nigriventris* Brown, 1958b: 28 (diagnosis in key), attributed to Mercovich ms. (date of publication 10.i.1958). Unavailable name (published without designation of type-material).]

[Note: Brown's 1958b: 17 comment, and the notation on p. 28, "(*nigriventris* Mercovich ms.)" make it clear that he did not intend the name to be available.]

Wheeler, G.C. & Wheeler, J. 1973c: 213 (l.).

**Status as species:** Taylor, 1977: 588 (in key); Taylor, 1978b: 10 (in key); Taylor, 1980a: 787; Taylor & Brown, 1985: 73; Taylor, 1987a: 51; Bolton, 1995b: 301; Bolton, 2000: 23.

Distribution: Australia.

***parvispinus*.** *Orectognathus parvispinus* Taylor, 1977: 603, figs. 17-19 (w.q.) AUSTRALIA (Queensland).

Type-material: holotype worker, 14 paratype workers, 2 paratype queens.

Type-locality: holotype Australia: Queensland, Eungella Nat. Park, , ca 3 km. S of Eungella (28°21'S, 153°19'E), ca 780 m., 2.v.1973, on ground at night (*R.W. Taylor*); paratypes: 13 workers, 2 queens with same data but ex Berlese samples of leafmould, 26.iii.1975, and 12.ix.1975.

Type-depositories: ANIC (holotype); ANIC, BMNH, MCZC, MHNG, QMBA, SAMA (paratypes).

**Status as species:** Taylor, 1978b: 9 (in key); Taylor, 1980a: 787; Taylor & Brown, 1985: 73; Taylor, 1987a: 51; Bolton, 1995b: 301; Bolton, 2000: 24.

Distribution: Australia.

*perplexus* Smith, F. 1876; see under **STRU MIGENYS**.

***phyllobates*.** *Orectognathus phyllobates* Brown, 1958b: 25, fig. 4 (w.) AUSTRALIA (Queensland).

Type-material: holotype worker.

Type-locality: Australia: Queensland, near top of Tambourine Mt, Joalah Nat. Park (*W.L. Brown*).

Type-depository: ANIC.

**Status as species:** Taylor, 1977: 588 (in key); Taylor, 1978b: 10 (in key); Taylor, 1980a: 787; Taylor & Brown, 1985: 74; Taylor, 1987a: 51; Bolton, 1995b: 301; Bolton, 2000: 24.

Distribution: Australia.

***robustus*.** *Orectognathus robustus* Taylor, 1977: 599, figs. 14-16 (w.q.) AUSTRALIA (Queensland).

Type-material: holotype worker, 52 paratype workers, 4 paratype queens.

Type-locality: holotype Australia: Queensland, Lake Eacham Nat. Park (17°17'S, 145°37'E), near Yungaburra, 760 m., 17-18.vii.1971 (*R.W. Taylor & J.E. Feehan*); paratypes: 46 workers, 1 queen with same data, paratype workers and queens with same data but 1 worker 7.vi.1962 (*R.W. Taylor & W. Taylor*), 1 queen 1-7.x.1972 (*R.W. Taylor*), 2 workers, 1 queen 21.iii.1975 (*R.W. Taylor*), 1 worker 13.3 km. N of

Kuranda, on Black Mountain Road, ca 1500 ft, 3.i.1971 (*J.G. Brooks*), 1 queen Crater Nat. Park, 11.i.1971 (*J.G. Brooks*), 2 workers ca 12 km. SE of Millaa Millaa, ca 600m., 5.vii.1971 (*R.W. Taylor & J.E. Feehan*). Type-depositories: ANIC (holotype); ANIC, BMNH, MCZC, MHNG, QMBA, SAMA (paratypes).

**Status as species:** Taylor, 1978b: 9 (in key); Taylor, 1980a: 787; Taylor & Brown, 1985: 74; Taylor, 1987a: 51; Bolton, 1995b: 301; Bolton, 2000: 24.

Distribution: Australia.

**roomi.** *Orectognathus roomi* Taylor, 1977: 606, figs. 24-27 (w.) NEW GUINEA (Papua New Guinea).

Type-material: holotype worker.

Type-locality: Papua New Guinea: Northern District, near Kokoda ( $8^{\circ}53'S$ ,  $147^{\circ}44'E$ ), ca 800 m., 1.v.1972, on ground, primary midmontane rainforest (*P.M. Room*).

Type-depository: ANIC.

**Status as species:** Taylor, 1978b: 11 (in key); Taylor, 1980a: 787; Bolton, 1995b: 301; Bolton, 2000: 24.

Distribution: Papua New Guinea.

**rostratus.** *Orectognathus rostratus* Lowery, 1967: 137, figs. 1, 2 (w.q.) AUSTRALIA (New South Wales, Queensland).

Type-material: holotype worker, paratype workers (number not stated, "numerous"), 5 paratype queens.

Type-locality: holotype Australia: New South Wales, Mt Warning State Park, Karrumbyn Creek (= Breakfast Creek), 10 mi. W of Murwillumbah, ca 900 ft, 30.viii.1962, rainforest (*B.B. Lowery*), paratypes: "numerous" with same data, 6 workers, 1 queen Queensland, Binna Burra, ex rotten log, rainforest, ca 3000 ft, 23.v.1962 (*R.W. Taylor*), .

Type-depositories: ANIC (holotype); AMSC, ANIC, BMNH, BPBM, MCZC, NNVN, QMBA, SAMA, WAMP (paratypes).

Wheeler, G.C. & Wheeler, J. 1973c: 214 (l.).

**Status as species:** Taylor, 1977: 587 (in key); Taylor, 1978b: 9 (in key); Taylor, 1980a: 787; Taylor & Brown, 1985: 74; Taylor, 1987a: 51; Bolton, 1995b: 301; Bolton, 2000: 24.

Distribution: Australia.

**sarasini.** *Orectognathus sarasini* Emery, 1914f: 416 (w.m.) NEW CALEDONIA.

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

Type-locality: New Caledonia: Mt Canala, 650 m. (*Sarasin & Roux*).

Type-depository: MSNG.

**Subspecies of antennatus:** Wheeler, W.M. 1927i: 125 (in text).

**Status as species:** Emery, 1924d: 318; Wheeler, W.M. 1935g: 32; Brown, 1953k: 100; Brown, 1958b: 28 (in key); Taylor, 1977: 588 (in key); Taylor, 1978b: 10 (in key); Taylor, 1980a: 787; Taylor, 1987a: 51; Bolton, 1995b: 301; Bolton, 2000: 24.

Distribution: New Caledonia.

**satan.** *Orectognathus satan* Brown, 1953k: 102, fig. 3 (w.q.) AUSTRALIA (Queensland).

Type-material: holotype worker, 8 paratype workers, 1 paratype queen.

Type-locality: Australia: Queensland, Malanda, Malanda Falls, 2400 ft, 8.xi.1950 (*W.L. Brown*); paratypes with same data.

Type-depositories: MCZC (holotype); ANIC, MCZC, QMBA, SAMA, USNM (paratypes).

Wheeler, G.C. & Wheeler, J. 1955a: 127 (l.).

**Status as species:** Brown, 1958b: 27 (in key); Taylor, 1977: 587 (in key); Taylor, 1978b: 11 (in key); Taylor, 1980a: 788; Taylor & Brown, 1985: 74; Taylor, 1987a: 51; Bolton, 1995b: 301; Bolton, 2000: 25.

Distribution: Australia.

**septentrionalis.** *Orectognathus antennatus* var. *septentrionalis* Forel, 1910b: 51 (w.) AUSTRALIA (New South Wales).

Type-material: holotype queen.

Type-locality: Australia: New South Wales, Wollongbar, Richmond River (*Froggatt*).

Type-depository: MHNG.

Subspecies of *antennatus*: Emery, 1924d: 318.

Junior synonym of *antennatus*: Brown, 1953k: 99; Brown, 1958h: 36; Taylor & Brown, 1985: 72; Taylor, 1987a: 51; Bolton, 1995b: 301.

***sexspinosus***. *Orectognathus sexspinosus* Forel, 1915b: 39, pl. 2, figs. 1, 2 (w.q.m.)

AUSTRALIA (Queensland).

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

Type-locality: Australia: Queensland, Cedar Creek (*E. Mjöberg*).

Type-depositories: ANIC, MHNG.

**Status as species**: Emery, 1925d: 318; Brown, 1953k: 101; Brown, 1958b: 27 (in key); Taylor, 1977: 586 (in key); Taylor, 1978b: 10 (in key); Taylor, 1980a: 788; Taylor & Brown, 1985: 74; Taylor, 1987a: 51; Bolton, 1995b: 301; Bolton, 2000: 25.

Distribution: Australia.

***szentivanyi***. *Arnoldidris szentivanyi* Brown, 1958b: 18, figs. 1, 2 (w.q.) NEW GUINEA (Papua New Guinea).

Type-material: holotype worker, 7 paratype workers, 2 paratype queens.

Type-locality: Papua New Guinea, Huon Peninsula, Mongi Watershed, Ebabaang, 1400 m., 18.iv.1955 (*E.O. Wilson*); paratypes with same data.

Type-depositories: MCZC (holotype); HNHM, MCZC, USNM (paratypes).

Combination in *Orectognathus*: Taylor, 1977: 583.

**Status as species**: Taylor, 1977: 589 (in key); Taylor, 1978b: 9 (in key); Taylor, 1980a: 788; Bolton, 1995b: 301; Bolton, 2000: 25.

Distribution: Papua New Guinea.

***unicolor***. *Orectognathus mjobergi* var. *unicolor* Forel, 1915b: 39 (w.) AUSTRALIA (Queensland).

Type-material: holotype queen.

Type-locality: Australia: Queensland, Malanda (*E. Mjöberg*).

Type-depository: MHNG.

Junior synonym of *mjobergi*: Brown, 1953k: 98; Taylor & Brown, 1985: 73; Taylor, 1987a: 51; Bolton, 1995b: 301.

***velutinus***. *Orectognathus velutinus* Taylor, 1977: 610, figs. 37-42 (w.) NEW GUINEA (Papua New Guinea).

Type-material: holotype worker, 1 paratype worker.

Type-locality: Papua New Guinea: Northern District, Tagao Road, ca 17.7 km. E of Popondetta (8°46'S, 148°05'E), 10.v.1973, primary lowland rainforest (*P.M. Room*); paratype with same data.

Type-depository: ANIC.

**Status as species**: Taylor, 1978b: 10 (in key); Taylor, 1980a: 788; Bolton, 1995b: 301; Bolton, 2000: 25.

Distribution: Papua New Guinea.

***versicolor***. *Orectognathus versicolor* Donisthorpe, 1940a: 46 (w.) AUSTRALIA (Queensland).

Type-material: holotype worker.

Type-locality: Australia: Queensland, Tambourine Mts, 18-25.v.1935 (*R.E. Turner*).

Type-depository: BMNH.

[Note: holotype "head has been lost since 1940" (Brown, 1953k: 90); entire holotype lost, reported as missing from mount, i.1968.]

Brown, 1953k: 93 (q.); Wheeler, G.C. & Wheeler, J. 1955a: 128 (l.); Imai, Crozier & Brown, 1977: 349 (k.).

**Status as species**: Brown, 1953k: 90 (redescription); Brown, 1958b: 29 (in key); Taylor, 1977: 588 (in key); Taylor, 1978b: 10 (in key); Taylor, 1980a: 788; Taylor & Brown, 1985: 74; Taylor, 1987a: 51; Bolton, 1995b: 301; Bolton, 2000: 25.

Distribution: Australia.