

LEPTANILLOIDES

amazonus. *Asphinctanilloides amazona* Brandão, Diniz, *et al.* 1999: 31, figs. 9, 10, 18, 25, 36-39, 68-74 (w.) BRAZIL (Amazonas).

Type-material: holotype worker, 7 paratype workers.

Type-locality: holotype Brazil: Amazonas, 4832, ca 70 km. N Manaus, Fazenda Esteio, Reserva 1202 (02°24'50''S, 59°52'11''W), ZF 23 Road, km. 28, Projecto Dinâmica Biológica de Fragmentos Florestais, INPA/Smithsonian, 12.xi.1993, soil sample M14, #1003(*A.B. Casimiro*); paratypes with same data.

Type-depositories: INPA (holotype); AMNH, BMNH, CPDC, MCZC, MZSP (paratypes).

Combination in *Leptanilloides*: Borowiec, M.L. 2016: 156.

Distribution: Brazil.

anae. *Asphinctanilloides anae* Brandão, Diniz, *et al.* 1999: 32, figs. 11, 12, 19, 26, 40-43, 75-81 (w.) BRAZIL (São Paulo).

Type-material: holotype worker, 18 paratype workers.

Type-locality: holotype Brazil: São Paulo, Mirassol, Fazenda da Lima, 30.iv.1979, #1850 (*J.L.M. Diniz*); paratypes with same data.

Type-depositories: MZSP (holotype); AMNH, BMNH, CPDC, INPA, JLDC, MCZC, MZSP (paratypes).

Combination in *Leptanilloides*: Borowiec, M.L. 2016: 156.

Distribution: Brazil.

atlanticus. *Leptanilloides atlantica* Silva, R.R., *et al.* 2013: 2041, figs. 1A-D, 2A-F (w.) BRAZIL (São Paulo).

Type-material: holotype worker, 32 paratype workers.

Type-locality: holotype Brazil: São Paulo, Santo André, Paranapiacaba, Res. Biol. do Alto da Serra de Paranapiacaba, 23°46'18''S, 46°20'24''W, 800 m., Atlantic Forest, 12.i.2007, pitfall trap #K4, (*Uehara-Prado M.*); paratypes with same data.

Type-depositories: MZSP (holotype); CASC, CPDC, MCZC, MZSP, UECS, USNM (paratypes).

Status as species: Delsinne, *et al.* 2015: 7 (in key).

Distribution: Brazil.

biconstrictus. *Leptanilloides biconstricta* Mann, 1923: 14, fig. 1 (w.) BOLIVIA.

Type-material: lectotype worker (by designation of Brandão, Diniz, *et al.* 1999: 23), 6 paralectotype workers.

Type-locality: lectotype Bolivia: Beni, Tumupasa (*W.M. Mann*); paralectotypes with same data.

Type-depositories: USNM (lectotype); MZSP, USNM (paralectotypes).

Status as species: Borgmeier, 1955: 653 (redescription); Kempf, 1972a: 129; Bolton, 1995b: 229; Brandão, Diniz, *et al.* 1999: 23 (redescription); Donoso, *et al.* 2006: 60 (in key); Borowiec, M.L. & Longino, 2011: 27 (in key); Delsinne, *et al.* 2015: 7 (in key); Palacio, 2019: 610.

Distribution: Bolivia, Colombia, Venezuela.

caracola. *Leptanilloides caracola* Donoso, *et al.* 2006: 56, figs. 5, 6 (w.) ECUADOR.

Type-material: holotype worker.

Type-locality: Ecuador: Cotopaxi Prov., Bosque Integral Otonga, 2200 m., 00°0.32'S, 78°0.95'W, 4.iv.1997, EX:D3 (*I.G. Tapia & P. Ponce*).

Type-depository: MCZC.

Status as species: Borowiec, M.L. & Longino, 2011: 26 (in key); Delsinne, *et al.* 2015: 7 (in key).

Distribution: Ecuador.

chihuahuaensis. *Leptanilloides chihuahuaensis* MacGown, *et al.* 2015: 394, figs. 1, 2 (m.) U.S.A. (Texas).

Type-material: holotype male, 5 paratype males.

Type-locality: holotype U.S.A.: Texas, Jeff Davis County, Davis Mts State Pk, 5118', 30°35'27''N, 103°56'26''W, 22-25.vii.2014, Malaise trap on hillside on highland grassland, W.H. Cross Expd. (*T.L.*

Schiefer); paratypes: 2 males with same data, 3 males with same data but 4915', 30°36'08''N, 103°54'55''W, 21-25.vii.2014 (*T.L. Schiefer*).

Type-depositories: MCZC (holotype); MSUS (paratypes).

Distribution: U.S.A.

copalinga. *Leptanilloides copalinga* Delsinne & Donoso, in Delsinne, *et al.* 2015: 8, figs. 2A-F, 3A-F (w.) ECUADOR.

Type-material: holotype worker, 3 paratype workers.

Type-locality: holotype Ecuador: Zamora-Chinchipe Prov., Copalinga Private Reserve, 1510 m., 4°4'56.6''S, 78°58'5.71''W, 2.iv.2010, soil sample (*T. Delsinne & T. Arias-Penna*); paratypes with same data.

Type-depositories: PUCE (holotype); ISNB, UTPL (paratypes).

Distribution: Ecuador.

erinys. *Leptanilloides erinys* Borowiec, M.L. & Longino, 2011: 27, figs. 1C-D, 3A-L (w.q.) ECUADOR.

Type-material: holotype worker, ca 100 paratype workers, 1 paratype queen.

Type-locality: holotype Ecuador: Napo, Yanayacu Biological Station, 2200 m., -0.60°, -77.88°, 9.xii.2009, secondary cloud forest, #MLB 091209.01 (*M.L. Borowiec*); paratypes with same data.

Type-depositories: PUCE (holotype); AMNH, BMNH, CASC, FMNH, LACM, MCZC, MZSP, PUCE, UCDC, USNM (paratypes).

Status as species: Delsinne, *et al.* 2015: 8 (in key).

Distribution: Ecuador.

femoralis. *Leptanilloides femoralis* Borowiec, M.L. & Longino, 2011: 30, figs. 2C, 4A-I (w.) VENEZUELA.

Type-material: holotype worker, 22 paratype workers.

Type-locality: holotype Venezuela: Aragua, Pico Periquito, PN Henri Pittier, 1500 m., 10.339°, -67.706°, 17.viii.2008, sifted litter (leaf mold, rotten wood), #16198.06 (*P.S. Ward*); paratypes with same data.

Type-depositories: MIZA (holotype); AMNH, BMNH, CASC, FMNH, LACM, MCZC, MIZA, MZSP, PUCE, UCDC, USNM (paratypes).

Status as species: Delsinne, *et al.* 2015: 8 (in key).

Distribution: Venezuela.

golbachii. *Amyrmex golbachii* Kusnezov, 1953b: 335, 6 figs. (m.) ARGENTINA (Tucumán).

Type-material: holotype male.

Type-locality: Argentina: Tucumán, San Ramon, 10.v.1948, no. 1892 (*R. Golbach*).

Type-depository: IMLT.

[Note: Cuezco, 2000: 271, treats as paratypes three other males mentioned by Kusnezov in "material examined". However, in the original description the single specimen from San Ramon is nominated as holotype, the other three are noted only as "material examined", not as paratypes.]

Combination in *Forelius*: Shattuck, 1992c: 95;

combination in *Amyrmex*: Cuezco, 2000: 271;

combination in *Leptanilloides*: Borowiec, M.L. 2016: 156.

Status as species: Kutter, 1968b: 206; Kempf, 1972a: 20; Shattuck, 1994: 93; Bolton, 1995b: 190; Cuezco, 2000: 271; Ward & Brady, 2009: 49 (redescription).

Distribution: Argentina.

gracilis. *Leptanilloides gracilis* Borowiec, M.L. & Longino, 2011: 33, figs. 1F, 2J, 5A-I (w) MEXICO (Chiapas), GUATEMALA.

Type-material: holotype worker, 10 paratype workers.

Type-locality: holotype Mexico: Chiapas, Sierra Morena, 1330 m., 16.15224°, -93.60068° ±50 m., 12.v.2008, Project LLAMA Wa-A-01-2-22 (no collector's name); paratypes with same data.

Type-depositories: MCZC (holotype); AMNH, BMNH, CASC, CFSS, EAPZ, FMNH, LACM, MZSP, UCDC, USNM, UVGC (paratypes).

[Note: 10 paratypes, but 11 paratype depositories cited.]

Status as species: Delsinne, *et al.* 2015: 8 (in key).

Distribution: Guatemala, Mexico.

improvisus. *Leptanilloides improvisa* Brandão, Diniz, *et al.* 1999: 28, figs. 3, 4, 16, 22 (w.) ECUADOR.

Type-material: holotype worker.

Type-locality: Ecuador: Volcán Cotopaxi, NNE Latacunga, Paramo Moss, 3350 m., 23.vi.1975, B-305, shrub litter (*S. & J. Peck*).

Type-depository: MCZC.

Status as species: Donoso, *et al.* 2006: 60 (in key); Borowiec, M.L. & Longino, 2011: 27 (in key); Delsinne, *et al.* 2015: 8 (in key).

Distribution: Ecuador.

legionarius. *Leptanilloides legionaria* Brandão, Diniz, *et al.* 1999: 29, figs. 5, 6, 23, 32-35, 48-52, 60-67 (w.l.) COLOMBIA.

Type-material: holotype worker, 5 paratype workers.

Type-locality: holotype Colombia: Santa Marta Mts, Walker Expd., 7.vii.1913, #55 (*F.M. Gaige*); paratypes with same data.

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

Status as species: Donoso, *et al.* 2006: 60 (in key); Borowiec, M.L. & Longino, 2011: 26 (in key); Delsinne, *et al.* 2015: 7 (in key); Palacio, 2019: 610.

Distribution: Colombia.

manauara. *Asphinctanilloides manauara* Brandão, Diniz, *et al.* 1999: 33, figs. 13, 14, 20, 27, 44-47, 82-88 (w.) BRAZIL (Amazonas).

Type-material: holotype worker, 5 paratype workers.

Type-locality: holotype Brazil: Amazonas, 4832, ca 70 km. N Manaus, Fazenda Esteio, Reserva 1301 (02°26'13''S, 59°48'35''W), ZF 23 Road, km. 28, Projecto Dinâmica Biología de Fragmentos Florestais, INPA/Smithsonian, 14.xii.1993, soil sample H46, #1001(*A.B. Casimiro*); paratypes with same data.

Type-depositories: INPA (holotype); AMNH, BMNH, CPDC, MCZC, MZSP (paratypes).

Combination in *Leptanilloides*: Borowiec, M.L. 2016: 156.

Distribution: Brazil.

mckennae. *Leptanilloides mckennae* Longino, 2003b: 2, pl. 1 (w.) COSTA RICA.

Type-material: holotype worker, > 18 paratype workers.

Type-locality: Costa Rica: Puntarenas Prov., Monteverde, 1300 m., 10°18'N, 84°48'W, vii.1995, in moist forest litter (*D. McKenna*).

Type-depositories: INBC (holotype); AMNH, BMNH, JTLC, LACM, MCZC, MZSP, NHMB, UCDC, USNM (paratypes).

[Note: more paratypes are stored in ethanol at USNM.]

Ward, 2007b: 642 (m.).

Status as species: Donoso, *et al.* 2006: 60 (in key); Ward, 2007b: 642; Borowiec, M.L. & Longino, 2011: 26 (in key); Delsinne, *et al.* 2015: 7 (in key).

Distribution: Costa Rica.

nomadus. *Leptanilloides nomada* Donoso, *et al.* 2006: 50, figs. 1, 2, 7 - 10 (w.) ECUADOR.

Type-material: holotype worker, paratype workers (number not stated).

Type-locality: holotype Ecuador: Cotopaxi Prov., Bosque Integral Otonga, 1960 m., 00°25.158'S, 79°0.197'W, 2.xii.2003, #AW2146 (*A.L. Wild & J.M. Vieira*); paratypes with same data.

Type-depositories: PUCE (holotype); ALWC, BMNH, CASC, LACM, MCZC, MHNG, MZSP, NHMB, NHMW, PUCE, UCDC, USNM (paratypes).

[Note: more paratypes are stored in ethanol at PUCE.]

Status as species: Borowiec, M.L. & Longino, 2011: 26 (in key); Delsinne, *et al.* 2015: 7 (in key).

Distribution: Ecuador.

nubecula. *Leptanilloides nubecula* Donoso, *et al.* 2006: 53, figs. 3, 4, 11- 28 (w.q.m.) ECUADOR.

Type-material: holotype worker, paratype workers (number not stated), 2 paratype ergatoid queens, 1(?) paratype male.

Type-locality: holotype Ecuador: Cotopaxi Prov., Bosque Integral Otonga, 1978 m., 00°25.158'S, 79°0.197'W, 24.vi.2004, under log (*D.A. Donoso*); paratypes with same data.

Type-depositories: PUCE (holotype); CASC, MCZC, MZSP, PUCE, UCDC (paratypes).

[Note: more paratypes are stored in ethanol at PUCE.]

Status as species: Borowiec, M.L. & Longino, 2011: 26 (in key); Delsinne, *et al.* 2015: 7 (in key).

Distribution: Ecuador.

***prometeus*.** *Leptanilloides prometea* Delsinne & Donoso, in Delsinne, *et al.* 2015: 12, figs. 4A-D, 5, 6A-F, 7A-C (w.) ECUADOR.

Type-material: holotype worker, 67 paratype workers.

Type-locality: holotype Ecuador: Zamora-Chinchipe Prov., Res. Biol. San Francisco (RBSF), 2070 m., 3°58'S, 79°05'W, 13.v.2010, leaf litter extract, Winkler (*T. Delsinne & T. Arias-Penna*); paratypes with same data.

Type-depositories: PUCE (holotype); BMNH, CASC, ICNB, ISNB, JTLC, MCZC, PUCE, UTPL (paratypes).

Distribution: Ecuador.

***sculpturatus*.** *Leptanilloides sculpturata* Brandão, Diniz, *et al.* 1999: 30, figs. 7, 8, 17, 24 (w.) COLOMBIA.

Type-material: holotype worker, 3 paratype workers.

Type-locality: holotype Colombia: Venecia (nr Medellin), v.1956, #56-6029 (*S.E. Flanders*); paratypes with same data.

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

Status as species: Donoso, *et al.* 2006: 60 (in key); Borowiec, M.L. & Longino, 2011: 27 (in key); Delsinne, *et al.* 2015: 8 (in key); Palacio, 2019: 610.

Distribution: Colombia.