

OCTOSTRUMA

[Note: all *Octostruma* taxa with combination in *Basiceros*, *sensu* Baroni Urbani & De Andrade, 2007: 90-93. Synonymy of all basicerotine genera under *Basiceros*, by Baroni Urbani & De Andrade, 2007: 88, is incorrect procedure as *Rhopalothrix* has priority. Basicerotine taxonomy documented in Bolton, 2003: 183-185, is retained here.]

amrishi. *Pyramica amrishi* Makhan, 2007a: 1, figs. 1, 2 (w.) SURINAME.

Longino, 2013b: 16 (q.).

Combination in *Octostruma*: Bolton, Sosa-Calvo, *et al.* 2008: 62.

Junior synonym of *balzani*: Bolton, Sosa-Calvo, *et al.* 2008: 62.

Status as species: Longino, 2013b: 15 (redescription); Bezděcková, *et al.* 2015: 118; Guerrero, Fernández, *et al.* 2018: 246; Fernández & Serna, 2019: 867.

ascrobicula. *Octostruma ascrobicula* Longino, 2013b: 17, figs. 6F, 16, 45 (w.) ECUADOR.

ascrobris. *Octostruma ascrobris* Longino, 2013b: 18, figs. 1H, 3G, 6C, 14I, 17, 44 (w.q.) GUATEMALA, MEXICO (Chiapas), NICARAGUA, COSTA RICA.

balzani. *Rhopalothrix balzani* Emery, 1894c: 217, pl. 1, fig. 10 (w.q.) BOLIVIA.

[Misspelled as *balsani* by Perrault, 1988b: 307 (in key).]

Combination in *R. (Octostruma)*: Emery, 1924d: 328;

combination in *Octostruma*: Brown, 1949f: 92.

Status as species: Emery, 1924d: 328; Brown, 1949f: 92; Brown & Kempf, 1960: 194 (redescription); Kempf, 1961b: 516; Kempf, 1972a: 169; Perrault, 1988b: 307 (in key); Brandão, 1991: 362; Bolton, 1995b: 293; Palacio, 1997: 417 (in key); Wild, 2007b: 34; Branstetter & Sáenz, 2012: 258; Longino, 2013b: 20 (redescription); Bezděcková, *et al.* 2015: 118; Fernández & Serna, 2019: 867.

Senior synonym of barberi: Brown & Kempf, 1960: 194; Kempf, 1972a: 169; Bolton, 1995b: 293; Longino, 2013b: 20.

Senior synonym of equilatera: Brown & Kempf, 1960: 194; Kempf, 1972a: 169; Bolton, 1995b: 293; Longino, 2013b: 20.

barberi. *Rhopalothrix (Octostruma) barberi* Mann, 1922: 42 (w.) GUATEMALA.

Combination in *Octostruma*: Brown, 1949f: 92.

Status as species: Santschi, 1931c: 279; Brown, 1949f: 92.

Junior synonym of *balzani*: Brown & Kempf, 1960: 194; Kempf, 1972a: 169; Bolton, 1995b: 293; Longino, 2013b: 20.

batesi. *Rhopalothrix batesi* Emery, 1894c: 218, pl. 1, fig. 11 (w.) BRAZIL (Amazonas).

Combination in *R. (Octostruma)*: Emery, 1924d: 328;

combination in *Octostruma*: Brown, 1949f: 92.

Status as species: Forel, 1895b: 141; Emery, 1924d: 328; Borgmeier, 1927c: 121; Brown, 1949f: 92; Brown & Kempf, 1960: 201 (redescription); Kempf, 1961b: 516; Kempf, 1972a: 169; Hölldobler & Wilson, 1986: 17; Bolton, 1995b: 293; Longino, 2013b: 23; Bezděcková, *et al.* 2015: 118.

betschi. *Octostruma betschi* Perrault, 1988b: 303, 2 figs (w.q.) FRENCH GUIANA.

Status as species: Brandão, 1991: 362; Bolton, 1995b: 293; Longino, 2013b: 23; Bezděcková, *et al.* 2015: 118.

convallis. *Octostruma convallis* Longino, 2013b: 24, figs. 1H, 3G, 6E, 14H, 20, 44 (w.q.) COSTA RICA.

convallisur. *Octostruma convallisur* Longino, 2013b: 26, figs. 21, 44 (w.q.) PANAMA, COLOMBIA.

Status as species: Fernández & Serna, 2019: 867.

cyrtinotum. *Octostruma cyrtinotum* Longino, 2013b: 28, figs. 1C, 3B, 5L, 13A, 14B, 22, 43 (w.q.) HONDURAS, NICARAGUA.

equilatera. *Rhopalothrix (Octostruma) equilatera* Weber, 1934a: 52, fig. 10 (w.) NICARAGUA.

Combination in *Octostruma*: Brown, 1949f: 92.

Status as species: Brown, 1949f: 92.

Junior synonym of *balzani*: Brown & Kempf, 1960: 194; Kempf, 1972a: 169; Bolton, 1995b: 293; Longino, 2013b: 20.

excertirugis. *Octostruma excerptirugis* Longino, 2013b: 30, figs. 1F, 3E, 5G, 12B, 14F, 23, 43 (w.q.) GUATEMALA, MEXICO (Chiapas), BELIZE, HONDURAS, NICARAGUA, COSTA RICA, PANAMA, ECUADOR.

godmani. *Rhopalothrix godmani* Forel, 1899c: 41, pl. 3, fig. 4 (q.) PANAMA.

Combination in *R. (Octostruma)*: Emery, 1924d: 328;

combination in *Octostruma*: Brown, 1949f: 92.

Status as species: Emery, 1924d: 328; Brown, 1949f: 92.

Junior synonym of *iheringi*: Brown & Kempf, 1960: 187; Kempf, 1972a: 169; Bolton, 1995b: 293; Longino, 2013b: 35.

gymnogon. *Octostruma gymnogon* Longino, 2013b: 33, figs. 1E, 3D, 5D, 24, 42 (w.q.) COSTA RICA, GUATEMALA, HONDURAS, PANAMA.

gymnosoma. *Octostruma gymnosoma* Longino, 2013b: 33, figs. 1B, 3B, 5M, 25, 43 (w.) MEXICO (Chiapas).

iheringi. *Rhopalothrix iheringi* Emery, 1888c: 361 (q.) BRAZIL (Rio Grande do Sul).

[Misspelled as *jheringi* by Emery, in von Jhering, 1894: 385, Borgmeier, 1927c: 121, Brown & Kempf, 1960: 187, and others.]

Combination in *R. (Octostruma)*: Emery, 1924d: 328;

combination in *Octostruma*: Brown, 1949f: 92.

Status as species: Dalla Torre, 1893: 145; Emery, 1894g: 385; Forel, 1895b: 135; Emery, 1924d: 328; Borgmeier, 1927c: 121; Brown, 1949f: 92; Brown & Kempf, 1960: 187 (redescription); Kempf, 1972a: 169; Bolton, 1995b: 293; Palacio, 1997: 417 (in key); Wild, 2007b: 34; Branstetter & Sáenz, 2012: 258; Longino, 2013b: 35 (redescription); Bezděcková, et al. 2015: 118; Fernández & Serna, 2019: 867.

Senior synonym of godmani: Brown & Kempf, 1960: 187; Kempf, 1972a: 169; Bolton, 1995b: 293; Longino, 2013b: 35.

Senior synonym of simoni: Brown & Kempf, 1960: 187; Kempf, 1972a: 169; Bolton, 1995b: 293; Longino, 2013b: 35.

Senior synonym of spei: Brown & Kempf, 1960: 187; Kempf, 1972a: 169; Bolton, 1995b: 293; Longino, 2013b: 35.

Senior synonym of sulcata: Brown & Kempf, 1960: 187; Kempf, 1972a: 169; Bolton, 1995b: 293; Longino, 2013b: 35.

Senior synonym of wighti: Brown & Kempf, 1960: 187; Kempf, 1972a: 169; Bolton, 1995b: 293; Longino, 2013b: 35.

impressa. *Octostruma impressa* Palacio, 1997: 411, figs. 1D-H (w.) COLOMBIA.

Status as species: Palacio, 1997: 417 (in key); Longino, 2013b: 37; Fernández & Serna, 2019: 867.

inca. *Octostruma inca* Brown & Kempf, 1960: 185, figs. 16, 29 (w.q.) PERU, BOLIVIA.

Wheeler, G.C. & Wheeler, J. 1977a: 600 (l.).

Status as species: Kempf, 1968b: 400; Kempf, 1972a: 169; Bolton, 1995b: 293; Palacio, 1997: 417 (in key); Longino, 2013b: 37; Bezděčková, *et al.* 2015: 118; Fernández & Serna, 2019: 868.

jheringi, misspelling, see under *iheringi*.

leptoceps. *Octostruma leptoceps* Longino, 2013b: 38, figs. 1A, 5H, 28, 43 (w.) HONDURAS.

limbifrons. *Octostruma limbifrons* Longino, 2013b: 39, figs. 6D, 29, 44 (w.) PANAMA.

lutzi. *Rhopalothrix (Octostruma) lutzi* Wheeler, W.M. 1913d: 241 (w.q.) DOMINICA.

Combination in *Octostruma*: Brown, 1949f: 92.

Junior synonym of *balzani*: Brown & Kempf, 1960: 194; Kempf, 1972a: 169; Bolton, 1995b: 293.

Status as species: Emery, 1924d: 328; Brown, 1949f: 92; Longino, 2013b: 41 (redescription).

megabalzani. *Octostruma megabalzani* Longino, 2013b: 42, figs. 1E, 3D, 5B, 9B, 31, 42 (w.q.) PANAMA, BOLIVIA, PERU, COSTA RICA.

Status as species: Bezděčková, *et al.* 2015: 118.

montanis. *Octostruma montanis* Longino, 2013b: 43, figs. 1C, 3B, 5P, 32, 43 (w.) NICARAGUA, COSTA RICA.

obtusidens. *Octostruma obtusidens* Longino, 2013b: 44, figs. 1F, 3E, 4, 5F, 10B, 12A, 14E, 33, 43 (w.q.) COSTA RICA, GUATEMALA, HONDURAS, PANAMA, COLOMBIA.

Status as species: Fernández & Serna, 2019: 868.

onorei. *Basiceros onorei* Baroni Urbani & De Andrade, 2007: 133, fig. 47 (w.) ECUADOR.

Combination in *Octostruma*: Longino, 2013b: 46.

Status as species: Longino, 2013b: 46.

petiolata. *Rhopalothrix petiolata* Mayr, 1887: 580 (q.) BRAZIL (Santa Catarina).

Emery, 1894c: 217 (w.).

Combination in *R. (Octostruma)*: Emery, 1924d: 328;

combination in *Octostruma*: Brown, 1949f: 92.

Status as species: Dalla Torre, 1893: 145; Emery, 1894c: 216 (in key); Forel, 1895b: 135; Luederwaldt, 1918: 40; Emery, 1924d: 328; Borgmeier, 1927c: 121; Brown, 1949f: 92; Brown & Kempf, 1960: 182 (redescription); Kempf, 1972a: 169; Bolton, 1995b: 293; Longino, 2013b: 47.

pexidorsum. *Octostruma pexidorsum* Longino, 2013b: 47, figs. 11, 34, 44 (w.) COLOMBIA.

planities. *Octostruma planities* Longino, 2013b: 48, figs. 1B, 3B, 5O, 13B, 35, 43 (w.) NICARAGUA, MEXICO, GUATEMALA, HONDURAS, COSTA RICA.

rugifera. *Rhopalothrix rugifer* Mayr, 1887: 579 (w.) BRAZIL (Santa Catarina).

Combination in *R. (Octostruma)*: Emery, 1924d: 329;

combination in *Octostruma*: Brown, 1949f: 92.

Status as species: Dalla Torre, 1893: 145; Emery, 1894c: 216 (in key); Forel, 1895b: 135; Emery, 1924d: 329; Borgmeier, 1927c: 121; Santschi, 1933e: 117; Brown, 1949f: 92; Kusnezov & Golbach, 1952: 424; Brown & Kempf, 1960: 199 (redescription); Kempf, 1972a: 169; Bolton, 1995b: 293; Wild, 2007b: 34; Longino, 2013b: 49; Fernández & Serna, 2019: 868.

Senior synonym of *truncata*: Brown & Kempf, 1960: 199; Kempf, 1972a: 169; Bolton, 1995b: 293; Longino, 2013b: 49.

rugiferoides. *Octostruma rugiferoides* Brown & Kempf, 1960: 200, fig. 20 (w.) MEXICO (Veracruz).

Longino, 2013b: 49 (q.).

Status as species: Kempf, 1972a: 169; Bolton, 1995b: 293; Palacio, 1997: 417 (in key); Branstetter & Sáenz, 2012: 258; Longino, 2013b: 49.

***schusteri*.** *Octostruma schusteri* Longino, 2013b: 50, figs. 1B, 3B, 5N, 37, 43 (w.) GUATEMALA.

***simoni*.** *Rhopalothrix simoni* Emery, 1890a: 67 (w.) VENEZUELA.

Combination in *R. (Octostruma)*: Forel, 1912e: 196;

combination in *Octostruma*: Brown, 1949f: 92.

Status as species: Dalla Torre, 1893: 145; Emery, 1894c: 216 (in key); Wheeler, W.M. 1908b: 161; Emery, 1924d: 329; Brown, 1949f: 92.

Junior synonym of *iheringi*: Brown & Kempf, 1960: 187; Kempf, 1972a: 169; Bolton, 1995b: 293; Longino, 2013b: 35.

***spei*.** *Rhopalothrix (Octostruma) simoni r. spei* Forel, 1912e: 196 (w.) COLOMBIA.

Combination in *Octostruma*: Brown, 1949f: 92.

Subspecies of *simoni*: Santschi, 1936b: 201; Brown, 1949f: 92.

Junior synonym of *iheringi*: Brown & Kempf, 1960: 187; Kempf, 1972a: 169; Bolton, 1995b: 293; Longino, 2013b: 35.

***stenognatha*.** *Octostruma stenognatha* Brown & Kempf, 1960: 196, figs. 25, 28 (w.q.) BRAZIL (São Paulo, Rio de Janeiro, Paraná, Santa Catarina, Rio Grande do Sul).

Status as species: Kempf, 1972a: 169; Bolton, 1995b: 294; Longino, 2013b: 51.

***stenoscapa*.** *Octostruma stenoscapa* Palacio, 1997: 414, figs. 2D-F (w.) COLOMBIA.

Status as species: Longino, 2013b: 51; Fernández & Serna, 2019: 868.

***sulcata*.** *Octostruma simoni* subsp. *sulcata* Brown, 1949f: 92.

[First available use of *Rhopalothrix (Octostruma) simoni* st. *spei* var. *sulcata* Santschi, 1936b: 201 (w.) PANAMA; unavailable (infrasubspecific) name.]

Junior synonym of *iheringi*: Brown & Kempf, 1960: 187; Kempf, 1972a: 169; Bolton, 1995b: 294; Longino, 2013b: 35.

***triangulabrum*.** *Octostruma triangulabrum* Longino, 2013b: 52, figs. 1A, 3A, 5J, 38, 43 (w.) MEXICO (Chiapas).

***triquetralabrum*.** *Octostruma triquetralabrum* Longino, 2013b: 53, figs. 1A, 3A, 5K, 39, 43 (w.) COSTA RICA, PANAMA.

***trithrix*.** *Octostruma trithrix* Longino, 2013b: 54, figs. 1E, 3D, 5A, 8A, 40, 42 (w.q.) MEXICO (Chiapas, Nuevo Leon), GUATEMALA, BELIZE, HONDURAS.

***truncata*.** *Rhopalothrix (Octostruma) truncata* Forel, 1912e: 196 (q.) BRAZIL (Rio de Janeiro).

Combination in *Octostruma*: Brown, 1949f: 92.

Status as species: Emery, 1924d: 329; Borgmeier, 1927c: 121; Brown, 1949f: 92.

Junior synonym of *rugifera*: Brown & Kempf, 1960: 199; Kempf, 1972a: 169; Bolton, 1995b: 294; Longino, 2013b: 49.

***wheeleri*.** *Rhopalothrix (Octostruma) wheeleri* Mann, 1922: 43 (w.) GUATEMALA.

Longino, 2013b: 56 (q.).

Combination in *Octostruma*: Brown, 1949f: 92.

Status as species: Brown, 1949f: 92; Brown & Kempf, 1960: 191 (redescription); Kempf, 1972a: 169; Bolton, 1995b: 294; Branstetter & Sáenz, 2012: 258; Longino, 2013b: 55 (redescription); Fernández & Serna, 2019: 868.

***wighti*.** *Rhopalothrix simoni* var. *wighti* Wheeler, W.M. 1908b: 161 (w.) JAMAICA.

Combination in *R. (Octostruma)*: Emery, 1924d: 329;

combination in *Octostruma*: Brown, 1949f: 92.

Subspecies of *simoni*: Wheeler, W.M. 1911a: 28; Emery, 1922d: 329; Brown, 1949f: 92.

Junior synonym of *iheringi*: Brown & Kempf, 1960: 187; Kempf, 1972a: 169; Bolton, 1995b: 294; Longino, 2013b: 35.