

NEW TAXA AND COMBINATIONS IN THE NEOTROPICAL OLMEDEAE

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In order to avoid bibliographical inconvenience it seems desirable to publish separately the new taxa and combinations before the revision of the New World *Olmedieae*. The sequence in which they appear below corresponds with that of the revision in preparation.

***Pseudolmedia rigida* (Klotzsch & Karsten) Cuatrecasas ssp. *araguensis* C. C. Berg nov. subsp.**

Folia chartacea vel coriacea, acuminata, medio latitudine maxima; venae subtus prominulae; stipulae ad 10 mm longae, haud vel vix incurvatae. Perianthium fructiferum 8–10 mm altum.

Type: *Ll. Williams 11104* ♀, Venezuela, Aragua, Parque Nacional (VEN).

***Pseudolmedia rigida* (Klotzsch & Karsten) Cuatrecasas ssp. *eggersii* (Standley) C. C. Berg nov. stat.**

Basionym: *Pseudolmedia eggersii* Standley, *Tropical Woods* 42: 27. 1935.

***Perebea guianensis* Aublet ssp. *acanthogyne* (Ducke) C. C. Berg nov. stat.**

Basionym: *Perebea acanthogyne* Ducke, *Notizbl. Bot. Gart. Berlin* 11: 579. 1932.

***Perebea guianensis* Aublet ssp. *hirsuta* C. C. Berg nov. subsp.**

Ramuli foliosi hirsuti. Folia lanceolata, subtus ad venas hirsuta; stipulae 4–5 cm longae. Inflorescentiae femininae 25 mm diam.; involucrium bracteis deltoideis ad subulatis 8–10-seriatis circ. 200–400; flores circ. 60; perianthium circ. 10 mm (fructiferum ad 15 mm) altum, quadrifidum; segmenta libera 3–4 mm longa, angusta; styli circ. 4 mm longi, stigmata 3–4 mm longa, 1,2–1,5 mm lata, acuta.

Type: *Ducke 1792* ♀, Brazil, Amazonas, near Tabatinga (US).

***Perebea guianensis* Aublet ssp. *pseudopeltata* (Mildbraed) C. C. Berg nov. stat.**

Basionym: *Perebea pseudopeltata* Mildbraed, *Notizbl. Bot. Gart. Berlin* 10: 184. 1927.

***Perebea guianensis* Aublet ssp. *castilloides* (Pittier) C. C. Berg nov. stat.**

Basionym: *Perebea castilloides* Pittier, *Contr. U.S. Nat. Herb.* 13: 438. 1912.

Perebea angustifolia (Poeppig & Endlicher) C. C. Berg nov. comb.

Basionym: *Olmedia angustifolia* Poeppig & Endlicher, Nov. Gen. 2: 30, t. 143. 1838.

Perebea longepedunculata C. C. Berg nov. spec.

Arbor parva, dioica. Ramuli foliosi 1.5–3 mm crassi, flavo-hirsuti. Folia oblonga vel lanceolata, latitudine maxima supra medium, ad basem obtusa vel acuta, apicem versus dentata, subtus ad venas sparse hirsuta; stipulae circ. 1 cm longae. Inflorescentiae masculinae late turbinatae, 7–8 mm diam., pedunculi 2–2.5 cm longi. Involucrum bracteis reniformibus vel ovatis, circ. 25, circ. quadriserialibus; flores numerosi; perianthium circ. 2 mm altum, tri-quadrupartitum; stamina 3 vel 4, filamenta basaliter connata.

Type: *Klug 2563* ♂, Peru, Loreto, Mishuyacu near Iquitos (U).

Perebea humilis C. C. Berg nov. spec.

Frutex parvus, monoecus. Ramuli foliosi 1–2 mm crassi, pilis flavescentibus longioribus brevioribusque. Folia oblonga vel lanceolata, latitudine mixima supra medium, basi obtusa, subtus ad venas strigosa; stipulae circ. 10 mm longae. Inflorescentiae innovationes breves plus minusve distinctas insidentes. Inflorescentiae masculinae 1–1.5 mm diam., breviter pedunculatae; involucrum bracteis 5; flos solitarius, perianthio membranaceo, circ. 1.5 mm alto, staminibus 4. Inflorescentiae femininae ad nodos inferiores innovationis brevis, circ. 1.5 mm diam., subsessiles; involucrum bracteis 5; flos solitarius, perianthio quadridentato, circ. 3 mm alto, styli circ. 2 mm longi; stigmata triangularia, circ. 1 mm longa, acuta; perianthium fructiferum circ. 12 mm altum, rubrum.

Type: *Asplund 14718* ♂♀, Peru, Loreto, mouth of Río Napo, Hacienda Indiana (S).

Perebea mollis (Poeppig & Endlicher) Huber ssp. *rubra* (Trécul) C. C. Berg nov. stat.

Basionym: *Noyera rubra* Trécul, Ann. Sci. Nat. Bot. III. 8: 136. 1847.

Perebea glabrifolia (Ducke) C. C. Berg nov. comb.

Basionym: *Noyera glabrifolia* Ducke, Bull. Mus. Hist. Nat. Paris II. 4: 722. 1932.

Maquira costaricana (Standley) C. C. Berg nov. comb.

Basionym: *Perebea costaricana* Standley, Publ. Field Mus. Bot. 18: 390. 1937.

Maquira Aublet sect. ***Olmedioperebea*** (Ducke) C. C. Berg nov. stat.

Basionym: *Olmedioperebea* Ducke, Arch. Jard. Bot. Rio de Janeiro 3: 33. 1922.

Maquira sclerophylla (Ducke) C. C. Berg nov. comb.

Basionym: *Olmedioperebea sclerophylla* Ducke, Arch. Jard. Bot. Rio de Janeiro 3: 34. 1922.

Maquira calophylla (Poeppig & Endlicher) C. C. Berg nov. comb.

Basionym: *Olmedia calophylla* Poeppig & Endlicher, Nov. Gen. 2: 32. t. 146. 1838.

Maquira Aublet sect. **Olmediophaena** (Karsten) C. C. Berg nov. stat.

Basionym: *Olmediophaena* Karsten, Bot. Jahrb. 8: 375. 1887.

Maquira coriacea (Karsten) C. C. Berg nov. comb.

Basionym: *Pseudolmedia coriacea* Karsten, Fl. Columb. 2: 21, 111. 1862.

Helicostylis scabra (Macbride) C. C. Berg nov. comb.

Basionym: *Pseudolmedia scabra* Macbride, Publ. Field Mus. Bot. 13: 328. 1937.

Helicostylis elegans (Macbride) C. C. Berg nov. comb.

Basionym: *Perebea elegans* Macbride, Publ. Field Mus. Bot. 13: 323. 1937.

Helicostylis turbinata C. C. Berg nov. spec.

Arbor ramulis foliosis tomentosis. Folia oblonga vel lanceolata, 12–18 cm longa, 6–8 cm lata, acuminata, basi obtusa vel emarginata, margine apicem versus denticulato vel dentato. Inflorescentiae feminae late turbinatae, breviter pedunculatae, floribus 5–8; ovarium apice hirsutulium, styli subterminales, stigmata circ. 1,5 mm longa.

Type: *Krukoff 8832* ♀, Brazil, Amazonas, São Paulo de Olivença (US).

Helicostylis Trécul sect. **Olmediastrum** C. C. Berg nov. sect.

Inflorescentiae masculinae solitariae vel geminatae, feminae uniflorae flores femini tepalis liberis.

Type species: *Helicostylis towarensis* (Klotzsch & Karsten) C. C. Berg

Helicostylis towarensis (Klotzsch & Karsten) C. C. Berg nov. comb.

Basionym: *Olmedia towarensis* Klotzsch & Karsten, Linnaea 20: 526. 1847.

Castilla elastica Sessé in Cervantes ssp. **costaricana** (Liebmann) C. C. Berg nov. stat.

Basionym: *Castilloa costaricana* Liebmann, K. Dansk. Vidensk. Selsk. Skr. 5: 319. 1851.

Castilla elastica Sessé in Cervantes ssp. **gummifera** (Miquel) C. C. Berg nov. stat.

Basionym: *Urostigma gummiferum* Miquel, London Jour. Bot. 6: 529. 1847.

Naucleopsis riparia C. C. Berg nov. spec.

Arbor parva. Ramuli foliosi brunescendo-tomentosi. Folia lanceolata, 32–37 cm longa, 9,5–11 cm lata, acuminata, basi emarginata vel cordata. Inflorescentiae feminae breviter pedunculatae, floribus circ. 15; perianthium 4–8-lobatum vel -partitum. Tepala squamiformia, extra fusco-velutina, intra glabra; styli

10–12 mm longi, stigmata 9–13 mm longa; pseudobracteae periphericae 1–3 seriatae, spiniformes.

Type: *Ducke 1786* ♀, Brazil, Amazonas, Esperança, mouth of Rio Javary (RB).

Naucleopsis jamariensis C. C. Berg nov. spec.

Arbor. Ramuli foliosi appresse-pubescentes. Folia 17–32 cm longa, 5–9 cm lata, acuminata, basi acuta; venae secundariae rectae, juncti vena submarginali sat distincta. Infructescentiae circ. 6 cm diametro, floribus 22; perianthium 8–10-lobatum vel -fissum, tepala sat plana, obtusa; styli circ. 4 mm longi, stigmata 12–13 mm longa; pseudobracteae lanceolatae, crassae, involutae, obtusae, circa fructum 3–8 mm longae.

Type: *Kuhlmann s.n. (HJBR 13030)* ♀, Brazil, Rondônia, Papagaios on Rio Jamary (RB).

Naucleopsis imitans (Ducke) C. C. Berg nov. comb.

Basionym: *Ogcodeia imitans* Ducke, Arq. Serv. Flor. Rio de Janeiro **1**: 18. 1939.

Naucleopsis pseudo-naga (Mildbraed) C. C. Berg nov. comb.

Basionym: *Ogcodeia pseudo-naga* Mildbraed, Notizbl. Bot. Gart. Berlin **11**: 419. 1932.

Naucleopsis ternstroemiiflora (Mildbraed) C. C. Berg nov. comb.

Basionym: *Ogcodeia ternstroemiiflora* Mildbraed, Notizbl. Bot. Gart. Berlin **10**: 188. 1927.

Naucleopsis inaequalis (Ducke) C. C. Berg nov. comb.

Basionym: *Ogcodeia inaequalis* Ducke, Arq. Serv. Flor. Rio de Janeiro **1**: 19. 1939.

Naucleopsis guianensis (Mildbraed) C. C. Berg nov. comb.

Basionym: *Ogcodeia guianensis* Mildbraed, Notizbl. Bot. Gart. Berlin **11**: 422. 1932.

Naucleopsis mello-barretoii (Standley) C. C. Berg, nov. comb.

Basionym: *Brosimum mello-barretoii* Standley, Publ. Field Mus. Bot. **22**: 70. 1940.

Naucleopsis concinna (Standley) C. C. Berg nov. comb.

Basionym: *Perebea concinna* Standley, Publ. Field Mus. Bot. **17**: 179. 1937.

Naucleopsis krukovii (Standley) C. C. Berg nov. comb.

Basionym: *Pseudolmedia krukovii* Standley, Publ. Field Mus. Bot. **17**: 186. 1937.

ACKNOWLEDGEMENT

The author is much indebted to DR. K. U. KRAMER who contributed the latin diagnoses.