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Name changes in Neotropical Gesneriaceae.

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NAME CHANGES IN NEOTROPICAL GESNERIACEAE

Hans Wiehler*

The first sets of new combinations are necessary for a further streamlining of the taxonomy of Gesneriaceae in cultivation. The transfer of *Rechsteineria* Regel to *Sinningia* Nees was started for some cultivated species by Dr. H. E. Moore in *Baileya* 19:35-41, 1973, and the first species of *Seemannia* Regel was transferred by myself to *Gloxinia* L'Heritier in *Baileya* 18:133-137, "1971" (1972). Full synonymies for each species will appear with the complete generic revisions.

Rechsteineria Regel = Sinningia Nees

Sinningia aggregata (Ker) Wiehler, comb. nov.

Gesneria aggregata Ker, Bot. Reg. 4:329. 1818.

Corytholoma aggregatum (Ker) Decne., Rev. Hort. 20:467. 1848.

Rechsteineria aggregata (Ker) Kuntze, Rev. Gen. 2:474. 1891.

Sinningia allagophylla (Mart.) Wiehler, comb. nov.

Gesneria allagophylla Mart., Nov. Gen. Sp. Pl. 3:36. 1829.

Rechsteineria allagophylla (Mart.) Regel, Flora 31:247. 1848.

Corytholoma allagophyllum (Mart.) Fritsch, in Engler & Prantl, Nat. Pflanzenfam. 4(3b):180. 1893.

Sinningia canescens (Mart.) Wiehler, comb. nov.

Gesneria canescens Mart., Nov. Gen. Sp. Pl. 3:36. 1829.

Rechsteineria canescens (Mart.) Kuntze, Rev. Gen. 2:474. 1891.

Corytholoma canescens (Mart.) Fritsch, Bot. Jahrb. Syst. 37:499. 1906.

Rechsteineria leucotricha Hoehne, The Gloxinian 6(3):14. 1956.

Sinningia leucotricha (Hoehne) H. E. Moore, *Baileya* 19(1):39. 1973.

(The features mentioned by Hoehne as distinctions between *R. leucotricha* and its close ally *R. canescens* are all present in the original or subsequent descriptions of the latter. Recent material introduced from Brazil as *R. canescens* appears to be identical with Hoehne's species. The corolla color of the widely distributed *S. canescens* varies from pink to orange and red, and the degree of leaf hairiness appears to be a regional or ecological factor.)

Sinningia cooperi (Paxt.) Wiehler, comb. nov.

Gesneria cooperi Paxt., Paxton's Mag. Bot. 1:224. 1834.

Rechsteineria cooperi (Paxt.) Kuntze, Rev. Gen. 2:474. 1891.

Corytholoma cooperi (Paxt.) Fritsch, Denkschr. Kaiserl. Akad. Wiss., Math. - Naturwiss. Kl. 79:291. 1908.

Sinningia macrorrhiza (Dum.) Wiehler, comb. nov.

Gesneria macrorrhiza Dum., Bull. Acad. Roy. Sci. Bruxelles 3:361. 1836.

Rechsteineria macrorrhiza (Dum.) Kuntze, Rev. Gen. 2:474. 1891.

Sinningia magnifica (Otto & Dietr.) Wiehler, comb. nov.

Gesneria magnifica Otto & Dietr., Allg. Gartenzeitung 1:265. 1833.

Rechsteineria magnifica (Otto & Dietr.) Kuntze, Rev. Gen. 2:474. 1891

Corytholoma magnificum (Otto & Dietr.) Fritsch, in Engler & Prantl, Nat. Pflanzenfam. 4(3b):181. 1893.

Sinningia sceptrum (Mart.) Wiehler, comb. nov.

Gesneria sceptrum Mart., Nov. Gen. Sp. Pl. 3:32. 1829.

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Corytholoma sceptrum (Mart.) Decne., Rev. Hort. 20:467. 1848.
Rechsteineria sceptrum (Mart.) Kuntze, Rev. Gen. 2:474. 1891.

Sinningia stricta (Hook. & Arn.) Wiehler, comb. nov.

Gesneria stricta Hook. & Arn., J. Bot. (Hooker) 1:280. 1834.

Corytholoma strictum (Hook. & Arn.) Decne., Rev. Hort. 20:466. 1848.

Rechsteineria stricta (Hook. & Arn.) Kuntze, Rev. Gen. 2:474. 1891.

Seemannia Regel = Gloxinia L'Heritier

Gloxinia L'Heritier, Stirp. Nov. 149. "1785" (1791).

Mandirola Decne., Rev. Hort. 20:468. 1848.

Salisia Regel, Flora 32:179. 1849.

Seemannia Regel, Gartenflora 4:183. 1855.

Fritschiantha Kuntze, Rev. Gen. 3(2):241. 1898.

Fiebrigia Fritsch, Bot. Jahrb. Syst. 50:397. 1914.

The first two species are listed here because they are cultivated at times under their synonyms.

Gloxinia gymnostoma Griseb., Plant. Lorentz. 179. 1874.

Achimenes gymnostoma (Griseb.) Fritsch, in Engler & Prantl, Nat. Pflanzenfam. 4(3b):175. 1893.

Seemania gymnostoma (Griseb.) Tours., Bol. Soc. Arg. Bot. 7(2):135. 1958.

Fiebrigia digitaliflora Fritsch, Bot. Jahrb. Syst. 50:397. 1914.

Gloxinia lindeniana (Regel) Fritsch, Oesterr. Bot. Zeitschr. 63:66. 1913.

Tydaea lindeniana Regel, Gartenflora 17:257, pl. 589. 1868.

Kohleria lindeniana (Regel) H. E. Moore, Gent. Herb. 8(5):380. 1954.

Gloxinia sylvatica (HBK) Wiehler, comb. nov.

Gesneria sylvatica HBK, Nov. Gen. Sp. Pl. 2:393. 1829.

Seemannia sylvatica (HBK) Hanst., Linnaea 29:540, 587. 1859.

Seemannia latifolia Fritsch, Meded. Herb. Leiden 29:52. 1916.

(An investigation of herbarium material reveals that the critical characters for *S. latifolia*, the width of the leaves and the length of the pedicels, fall within the range of variation for *G. sylvatica*.)

Ortholoma (Bentham) Hanstein = Trichantha Hooker

In the recent remodeling of the genera *Alloplectus* Martius and *Columnea* Linnaeus in *Phytologia* 27(5):309-329, 1973, I inadvertently overlooked that the name *Trichantha* Hooker has priority over *Ortholoma* (Bentham) Hanstein by ten years. According to the rules of nomenclature it is therefore necessary to transfer the species under *Ortholoma* to *Trichantha*. The circumscription for *Ortholoma* and its position in the key in the *Phytologia* paper cited above applies also to *Trichantha*.

Trichantha Hooker, ampl. Wiehler

Frutices, folia, floresque cum vel sine trichomatibus; folia succulenta vel coriacea vel chartacea. Inflorescentia axillaris cymosa vel uniflora et biflora redacta; calycis segmenta laciniata vel serrata vel integra; corolla tubulosa vel inflata, limbo subaequali vel bilabiato vel lobis dorsalibus in galeam connatis, appendiculae praesentes vel destitutae. Fructus bacca.

Trichantha Hook., Ic. Pl. 7:t. 666. 1844.

Ortholoma (Benth.) Hanst., ampl. Wiehler, Phytologia 27(5):319. 1973.

Columnnea L., sect. *Trichantha* (Hook.) Kuntze, in Post & Kuntze, Lex. Pl. Phan. 136. 1904. For complete synonymy, see Phytologia, l.c.

TYPE SPECIES: *Trichantha minor* Hook., Ic. Pl. 7:t. 666. 1844.

ETYMOLOGY: From the Greek *trich*(oma) = hair; *anthos* = flower; with hairy flower.

Trichantha ambigua (Urb.) Wiehler, comb. nov.

Alloplectus ambiguus Urb., Symb. Antill. 1:408. 1899.

Ortholoma ambiguum (Urb.) Wiehler, Phytologia 27(5):320. 1973.

Trichantha anisophylla (DC.) Wiehler, comb. nov.

Columnnea anisophylla DC., Prodr. 7:542. 1839.

Ortholoma anisophyllum (DC.) Wiehler, Phytologia 27(5):320. 1973.

Trichantha calotricha (Donn. Sm.) Wiehler, comb. nov.

Columnnea calotricha Donn. Sm., Bot. Gaz. 40:9. 1905.

Ortholoma calotrichum (Donn. Sm.) Wiehler, Phytologia 27(5):321. 1973.

Trichantha cristata (Griseb.) Wiehler, comb. nov.

Pterygoloma cristatum Griseb., Fl. Brit. W. Ind. 464. 1861.

Ortholoma cristatum (Griseb.) Wiehler, Phytologia 27(5):321. 1973.

Alloplectus grisebachianus (Kuntze) Urb., Symb. Antill. 2:357. 1901.

Trichantha dictyophylla (Donn. Sm.) Wiehler, comb. nov.

Columnnea dictyophylla Donn. Sm., Bot. Gaz. 61:385. 1916.

Ortholoma dictyophyllum (Donn. Sm.) Wiehler, Phytologia 27(5):321. 1973.

Trichantha dissimilis (Morton) Wiehler, comb. nov.

Columnnea dissimilis Morton, Ann. Missouri Bot. Gard. 29:47. 1942.

Ortholoma dissimile (Morton) Wiehler, Phytologia 27(5):321. 1973.

Trichantha dielsii (Mansf.) Wiehler, comb. nov.

Columnnea dielsii Mansf., Biblioth. Bot. 116:145. 1937.

Ortholoma dielsii (Mansf.) Wiehler, Phytologia 27(5):321. 1973.

Trichantha domingensis (Urb.) Wiehler, comb. nov.

Alloplectus domingensis Urb., Symb. Antill. 2:357. 1901.

Ortholoma domingense (Urb.) Wiehler, Phytologia 27(5):321. 1973.

Trichantha erythrophylla (Hanst.) Wiehler, comb. nov.

Columnnea erythrophylla Hanst., Linnaea 34:388. 1865.

Ortholoma erythrophyllum (Hanst.) Wiehler, Phytologia 27(5):321. 1973.

Trichantha filipes (Oliver) Wiehler, comb. nov.

Columnnea filipes Oliver, in Hook., Ic. Pl. 25:pl. 2428. 1896.

Ortholoma filipes (Oliver) Wiehler, Phytologia 27(5):321. 1973.

Trichantha herthae (Mansf.) Wiehler, comb. nov.

Columnnea herthae Mansf., in Fedde, Repert. 41:146. 1937.

Ortholoma herthae (Mansf.) Wiehler, Phytologia 27(5):321. 1973.

Trichantha heterophylla (Oerst.) Wiehler, comb. nov.

Stenanthus heterophyllus Oerst., Centralamer. Gesner. 48, pl. 5. 1858.

Ortholoma heterophyllum (Oerst.) Wiehler, Phytologia 27(5):321. 1973.

- Trichantha incarnata** (Morton) Wiehler, comb. nov.
Columnnea incarnata Morton, Ann. Missouri Bot. Gard. 29:48. 1942.
Ortholoma incarnatum (Morton) Wiehler, Phytologia 27(5):322. 1973.
- Trichantha lehmannii** (Mansf.) Wiehler, comb. nov.
Columnnea lehmannii Mansf., in Fedde, Repert. 41:146. 1937.
Ortholoma lehmannii (Mansf.) Wiehler, Phytologia 27(5):322. 1973.
- Trichantha mira** (Morley) Wiehler, comb. nov.
Columnnea mira Morley, Ann. Missouri Bot. Gard. 60:457. 1973.
- Trichantha oblongifolia** (Rusby) Wiehler, comb. nov.
Columnnea oblongifolia Rusby, Mem. Torrey Bot. Club 6:98. 1896.
Ortholoma oblongifolium (Rusby) Wiehler, Phytologia 27(5):322. 1973.
- Trichantha ochroleuca** (Kl. ex Oerst.) Wiehler, comb. nov.
Ortholoma ochroleuca Kl. ex Oerst., Centralamer. Gesner. 51. 1858.
- Trichantha parviflora** (Morton) Wiehler, comb. nov.
Columnnea parviflora Morton, J. Wash. Acad. Sci. 35:127. 1945.
Ortholoma parviflorum (Morton) Wiehler, Phytologia 27(5):322. 1973.
- Trichantha pendula** (Kl. ex Oerst.) Wiehler, comb. nov.
Ortholoma pendulum Kl. ex Oerst., Centralamer. Gesner. 52. 1858.
- Trichantha peruviana** (Zahlbr.) Wiehler, comb. nov.
Columnnea peruviana Zahlbr., Ann. K. K. Naturhist. Hofmus. 7:8. 1892.
Ortholoma peruvianum (Zahlbr.) Wiehler, Phytologia 27(5):322. 1973.
- Trichantha pubescens** (Griseb.) Wiehler, comb. nov.
Pterygoloma pubescens Griseb., Fl. Brit. W. Ind. 464. 1861.
Ortholoma pubescens (Griseb.) Wiehler, Phytologia 27(5):323. 1973.
- Trichantha sanguinolenta** (Kl. ex Oerst.) Wiehler, comb. nov.
Stenanthus sanguinolentus Kl. ex Oerst., Centralamer. Gesner. 49. 1858.
Ortholoma sanguinolentum (Kl. ex Oerst.) Wiehler, Phytologia 27(5):323. 1973.
- Trichantha serrata** (Kl. ex Oerst.) Wiehler, comb. nov.
Stenanthus serratus Kl. ex Oerst., Centralamer. Gesner. 49. 1858.
Ortholoma serratum (Kl. ex Oerst.) Wiehler, Phytologia 27(5):323. 1973.
- Trichantha ulei** (Mansf.) Wiehler, comb. nov.
Columnnea ulei Mansf., in Fedde, Repert. 38:26. 1935.
Ortholoma ulei (Mansf.) Wiehler, Phytologia 27(5):324. 1973.
- Trichantha venusta** (Standl.) Wiehler, comb. nov.
Columnnea venusta Standl., Fieldiana, Bot. 17(2):210. 1937.
Ortholoma venustum (Standl.) Wiehler, Phytologia 27(5):324. 1973.
- Another new combination needs to be added to the re-instated genus *Pentadenia* (Planchon) Hanstein, Phytologia 27(5):314. 1973:
- Pentadenia moesta** (Poepp.) Wiehler, comb. nov.
Columnnea moesta Poepp., in Poeppig & Endlicher, Nov. Gen. Sp. Pl. 3:1, pl. 201. 1840.
Stygnanthe moesta (Poepp.) Hanst., Linnaea 26:185, 209. 1854.