

**APPENDIX**  
**Checklist of Bolivian Bromeliaceae**

**Department abbreviations.** BE—Beni; CH—Chuquisaca; CO—Cochabamba; LP—La Paz; OR—Oruro; PA—Pando; PO—Potosí; TA—Tarija.

**Type designations.** HT—Holotype; IT—Isotype; LT—Lectotype; ILT—Isolectotype; CT—Clonotype.

**Endemic** = confined to the political boundaries of Bolivia.

**AECHMEA**

**Aechmea angustifolia** Poepp. & Endl., Nov. gen. sp. Pl. 2: 43. 1838.

Synonym(s): *Aechmea boliviana* Rusby, Bull. New York Bot. Gard. 4: 456. 1907; *Aechmea inconspicua* Harms, Notizbl. Bot. Gart. Berlin-Dahlem 10: 786. 1929.

Dept.: BE, CO, LP, PA, SC.

Elevation: 150–1300 m.

Type: *Poeppig 1823*. HT: W (lost). Peru.

Voucher: *M. Kessler et al. 8457* (LPB, SEL).

**Aechmea bromeliifolia** (Rudge) Baker, in Benth. & Hook. f., Gen. pl. 3: 664. 1883. Basionym: *Tillandsia bromeliaefolia* Rudge, Pl. Guian. 32, t. 50. 1807.

Synonym(s): *Aechmea ellipsoidea* Rusby, Mem. New York Bot. Gard. 7: 212. 1927.

Dept.: BE, CH, LP, SC.

Elevation: 200–1350 m.

Type: *Martin s.n.* HT: BM. French Guiana.

Voucher: *J. Solomon 6179* (SEL).

**Aechmea castelnavii** Baker, Handb. Bromel. 39. 1889.

Dept.: SC.

Elevation: 300–350 m.

Type: *Castelnau s.n.* HT: P. Bolivia.

Voucher: In Bolivia, only known from type collection.

**Aechmea distichantha** Lem., Jard. Fleur. 3: t. 269. 1853.

Synonym(s): *Platyaechmea distichantha* (Lem.) L.B. Sm. & Kress, Phytologia 69: 272. 1990.

Dept.: CH, CO, LP, SC, TA.

Elevation: 200–1900 m.

Type: *Libon s.n.* HT: BR?. Brazil.

Voucher: *B. Holst et al. 4948* (USZ, SEL).

**Aechmea fuerstenbergii** E. Morren & Wittm., Belgique Hort. 29: 42. 1879.

Synonym(s): *Streptocalyx fuerstenbergii* (E. Morren & Wittm.) E. Morren, Belgique Hort. 33: 16. 1883.

Dept.: BE, LP.

Elevation: 300–850(–1050?) m.

Type: *Porte s.n.* HT: LG. Brazil.

Voucher: *T. Krömer* (GOET, LPB, SEL).

**Aechmea kuntzeana** Mez, in C. DC., Monogr. phan. 9: 208. 1896.

Dept.: BE, LP, SC.

Elevation: 150–1000 m.

Type: *Kuntze s.n.* HT: NY; IT: US. Bolivia.

Voucher: *M. Kessler 3791* (LPB, SEL).

**Endemic.**

**Aechmea longifolia** (Rudge) L.B. Sm. & M.A. Spencer, *Phytologia* 72: 97. 1992. Basionym: *Bromelia longifolia* Rudge, *Guyan.* 1: 31, pl. 49. (1805) 1806.

Synonym(s): *Streptocalyx longifolius* (Rudge) Baker, *Handb. Bromel.* 31. 1889.

Dept.: CO.

Elevation: 300–500 m.

Type: *Martin s.n.* HT: BM. French Guiana.

Voucher: *M. Kessler et al. 8538* (LPB, SEL).

**Aechmea mertensii** (G. Mey.) Schult. & Schult.f., in Roem. & Schult., *Syst. veg.* 7(2): 1272. 1830. Basionym: *Bromelia mertensii* Mey., *Prim. fl. esseq.* 144. 1818.

Dept.: BE, PA.

Elevation: ca. 200 m.

Type: *E.K. Rodschied s.n.* HT: GOET. Guyana.

Voucher: *S. Beck et al. 19320* (SEL).

**Aechmea setigera** Mart. ex Schult. & Schult.f., in Roem. & Schult., *Syst. veg.* 7(2): 1273. 1830.

Dept.: BE, SC.

Elevation: 150–400 m.

Type: *C. Martius s.n.* HT: M. Brazil.

Voucher: *S. Beck et al. 5978* (LPB, SEL).

**Aechmea tocantina** Baker, *Handb. Bromel.* 39. 1889.

Dept.: BE, SC.

Elevation: 250–500 m.

Type: *Weddell 2365*. HT: P. Brazil.

Voucher: *R. Vásquez et al. 1813* (VASQ).

**ANANAS**

**Ananas ananassoides** (Baker) L.B. Sm., *Bot. Mus. Leafl.* 7: 70. 1939. Basionym: *Acanthostachys ananassoides* Baker, *Handb. Bromel.* 25. 1889.

Dept.: BE, LP, PA, SC.

Elevation: 150–900 m.

Type: *LT: Regnell (III) 1261* in part. HT: P. Brazil.

Voucher: *M. Morães et al. 1633* (SEL).

**Ananas comosus** (L.) Merr., *Interpr. Herb. amboin.* 133. 1917. Basionym: *Bromelia comosa* L., *Herb. amb.* 21. 1754.

Dept.: Widely cultivated.

Elevation: range unknown.

Type: Type not yet selected.

Voucher: *M. Lewis 37568* (SEL).

**ARAEOCOCCUS**

**Araeococcus flagellifolius** Harms, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 784. 1929.

Dept.: SC.

Elevation: 200–250 m.

Type: *Huebner 58*. HT: B. Brazil.

Voucher: *A. Jardim et al. 53* (SEL).

**BILLBERGIA**

**Billbergia brasiliensis** L.B. Sm., Arq. Bot. Estado São Paulo II. 1: 105. 1943. Basionym: *Helicodea leopoldii* Versch. Hort ex Lem., Ill. Hort. 11: sub pl. 421. 1864.  
Synonym(s): *Billbergia leopoldii* (Versch. Hort. ex Lem.) Linden ex Houlet, Rev. Hort. 41: 87. 1869; non K. Koch 1857.

Dept.: Unknown.

Elevation: Unknown.

Type: *De Vos in Verschaffelt Hortus s.n.* Description and illustration. Brazil.

Voucher: *D. Beadle SU 126* (SEL).

**Billbergia cardenasii** L.B. Sm., Phytologia 4: 382. 1953.

Dept.: CO?.

Elevation: Unknown.

Type: *Cárdenas 4907*. HT: US. Bolivia.

Voucher: *D. Beadle SU 029* (SEL).

**Endemic.**

**Billbergia decora** Poepp. & Endl., Nov. gen. sp. pl. 2: 42, t. 157. 1838.

Synonym(s): *Billbergia boliviensis* Baker, Handb. Bromel. 81. 1889.

Dept.: LP.

Elevation: 2400 m.

Type: *Poeppig s.n.* HT: W (lost). Peru.

Voucher: *H. Rusby 2853* (NY). Cited for Bolivia in: *Fl. Neotrop. Monogr.* 14(3): 2021. 1979.

**Billbergia meyeri** Mez, Bot. Jahrb. Syst. 30: 148. 1902.

Dept.: SC.

Elevation: 150–450 m.

Type: *Pilger 705*. HT: B. Brazil.

Voucher: *R. Guillén 1910* (SEL).

**Billbergia microlepis** L.B. Sm., Phytologia 8: 504. 1963.

Dept.: CO, LP.

Elevation: 700–1500 m.

Type: *B. Krukoff 11158*. HT: GH. Bolivia.

Voucher: *A. Gentry et al. 44301* (SEL).

**Endemic.**

**Billbergia robert-readii** E. Gross & Rauh, Trop. Subtrop. Pflanzenwelt 60: 89. 1987.

Dept.: BE, LP.

Elevation: 600–700 m.

Type: *Rauh 26163*. HT: HEID. Peru.

Voucher: *T. Krömer 137* (GOET, LPB, SEL).

**Billbergia velascana** M. Cárdenas, Bull. Bromeliad Soc. 7: 35. 1957.

Dept.: SC.

Elevation: 250–850 m.

Type: *Father Lorenzo Hammerschmidt 5486*. HT: Cárdenas Herbarium (LIL?). Bolivia.

Voucher: *D. Beadle SU 029A* (SEL).

**Endemic.**

**Billbergia violacea** Beer, Fam. Bromel. 116. 1856.

Dept.: CO, SC.

Elevation: 200–1600 m.

Type: *Appun s.n.* HT: B?. "Brazil" Guyana.

Voucher: *R. Vásquez & Ric 1845* (VASQ).

**Bromelia balansae** Mez, in Mart., Fl. bras. 3(3): 191. 1891.  
 Dept.: BE, SC.  
 Elevation: 150–800 m.  
 Type: *Balansa 608*. HT: G. Paraguay.  
 Voucher: *S. Beck 20689* (LPB, SEL).

#### BROMELIA

**Bromelia hieronymi** Mez, in Mart., Fl. bras. 3(3): 199. 1891.  
 Dept.: SC, TA.  
 Elevation: 250–700 m.  
 Type: *Hieronymus & Lorentz s.n.* HT: B; IT: US. Argentina.  
 Voucher: *M. Nee & G. Coimbra S. 39933* (LPB).

**Bromelia serra** Griseb., Abh. Königl. Ges. Wiss. Göttingen 24: 328. 1879.  
 Dept.: BE, LP, SC.  
 Elevation: 150–1400 m.  
 Type: *Lorentz & Hieronymus s.n.* LT: GOET. Argentina.  
 Voucher: *M. Morães et al. 1631* (LPB, SEL).

**Bromelia villosa** Mez, Bot. Jahrb. Syst. 30 (Beibl. 67): 3. 1901.  
 Dept.: SC.  
 Elevation: 400 m.  
 Type: *Glaziou 22191*. HT: B. Brazil.  
 Voucher: *Fuentes 1148* (USZ).

#### CATOPSIS

**Catopsis sessiliflora** (Ruiz & Pav.) Mez, in C. DC., Monogr. phan. 9: 625. 1896. Basionym: *Tillandsia sessiliflora* Ruiz & Pav., Fl. peruv. 3: 42, pl. 271, fig. b. 1802.  
 Dept.: LP.  
 Elevation: 1250–1300 m.  
 Type: *Ruiz & Pavon s.n.* HT: M; IT: B. Peru.  
 Voucher: *M. Kessler et al. 10320* (LPB, SEL).

#### DEINACANTHON

**Deinacanthon urbanianum** (Mez) Mez, in C. DC., Monogr. phan. 9: 13. 1896. Basionym: *Rhodostachys urbaniana* Mez, in Mart., Fl. bras. 3(3): 182. 1891.  
 Dept.: SC.  
 Elevation: 400 m.  
 Type: *Hieronymus s.n.* HT: G; IT: B, CORD, GH, US. Argentina.  
 Voucher: *G. Navarro 2221* (USZ). Det. G. Navarro.

#### DEUTEROCOHNIA

**Deuterocohnia bracteosa** W. Till & L. Hrom., Bromélia 4(1): 19. 1997.  
 Dept.: CH.  
 Elevation: 3000 m.  
 Type: *L. Hromadnik 19029*. HT: WU. Bolivia.  
 Voucher: Only known from type collection.  
**Endemic.**

**Deuterocohnia brevifolia** (Griseb.) M.A. Spencer & L.B. Sm., Bradea 6: 144. 1993. Basionym: *Navia brevifolia* Griseb., Abh. Königl. Ges. Wiss. Göttingen 24: 332. 1879.  
 Synonym(s): *Abromeitiella brevifolia* (Griseb.) A. Cast., Anales Mus. Nac. Hist. Nat. Buenos Aires 36: 371. 1931;

*Abromeitiella pulvinata* Mez, Bot. Archiv. 19: 460. 1927.

Dept.: TA.

Elevation: 1700–2400 m.

Type: *Lorentz & Hieronymus 947* (in part). HT: GOET; IT: CORD. Argentina.

Voucher: *S. Beck 14276* (SEL).

**Deuterocohnia brevispicata** Rauh & L. Hrom., Trop. Subtrop. Pflanzenwelt 65: 5. 1988.

Dept.: CH.

Elevation: 1200–1300(–2050) m.

Type: *Hromadnik 5213*. HT: HEID. Bolivia.

Voucher: *D. Cathcart B52* (SEL).

**Endemic.**

**Deuterocohnia digitata** L.B. Sm., Phytologia 18: 137. 1969.

Dept.: CO, PO, SC, TA.

Elevation: 1900–2750 m.

Type: *Castellanos s.n.* HT: BA; IT: US. Argentina.

Voucher: *I. Vargas 3185* (SEL).

**Deuterocohnia glandulosa** E. Gross, Trop. Subtrop. Pflanzenwelt 75: 5. 1990.

Dept.: TA.

Elevation: 1200 m.

Type: *Hromadnik 5167*. HT: HEID. Bolivia.

Voucher: Only known from type collection.

**Endemic.**

**Deuterocohnia longipetala** (Baker) Mez, in Mart., Fl. bras. 3(3): 506. 1894. Basionym: *Dyckia longipetala* Baker, Handb. Bromel. 135. 1889.

Dept.: CO, SC, TA.

Elevation: 300–2100 m.

Type: *Humboldt & Bonpland 3595*. HT: B. Peru.

Voucher: *J. Balcazar 100* (USZ, SEL).

**Deuterocohnia lorentziana** (Mez) M.A. Spencer & L.B. Sm., Bradea 6: 144. 1993. Basionym: *Pitcairnia*

*lorentziana* Mez, in C. DC., Monogr. phan. 9: 974. 1896.

Synonym(s): *Abromeitiella lorentziana* (Mez) A. Cast., Lilloa 10: 459. 1944.

Dept.: PO, TA.

Elevation: 2650–3150 m.

Type: *Lorentz s.n.* HT: B. Argentina.

Voucher: *W. Till 62a* (WU).

**Deuterocohnia lotteae** (Rauh) M.A. Spencer & L.B. Sm., Bradea 6: 145. 1993. Basionym: *Abromeitiella lotteae* Rauh, Trop. Subtrop. Pflanzenwelt 42: 5. 1983.

Dept.: TA.

Elevation: 2700 m.

Type: *Hromadnik 5131*. HT: HEID. Bolivia.

Voucher: *W. Till 62 A* (WU).

**Endemic.**

**Deuterocohnia meziana** Kuntze ex Mez, in C. DC., Monogr. phan. 9: 465. 1896.

Dept.: SC.

Elevation: 200–1350 m.

Type: *O. Kuntze s.n.* HT: NY. Brazil.

Voucher: *M. Nee 35601* (LPB).

**Deuterocohnia scapigera** (Rauh & L. Hrom.) M.A. Spencer & L.B. Sm., Bradea 6: 141–145. 1993. Basionym:

*Abromeitiella scapigera* Rauh & L. Hrom., Trop. Subtrop. Pflanzenwelt 60: 5. 1987.

Dept.: CH, PO.

Elevation: 1200–2400 m.

Type: *Hromadnik 5275*. HT: HEID. Bolivia.

Voucher: *M. Kessler et al. 5085* (LPB, SEL).

**Endemic.**

**Deuterocohnia strobilifera** Mez, Repert. Spec. Nov. Regni Veg. 3: 15. 1906.

Dept.: CH, PO, TA.

Elevation: 2500–3550 m.

Type: *Fiebrig 2933*. HT: B. Bolivia.

Voucher: *S. Beck 14122* (LPB). Det. G. Varadarajan.

#### DYCKIA

**Dyckia crassifolia** Rauh, Trop. Subtrop. Pflanzenwelt 79: 10. 1991.

Dept.: SC.

Elevation: 1200 m.

Type: *W. Rauh 40670*. HT: HEID. Bolivia.

Voucher: Only known from type collection.

**Endemic.**

**Dyckia ferox** Mez, in C. DC., Monogr. phan. 9: 511. 1896.

Synonym(s): *Dyckia meziana* O. Kuntze, Revis. gen. pl. 3(2): 302. 1898.

Dept.: SC.

Elevation: 1200 m.

Type: *Kuntze s.n.* HT: NY. Paraguay.

Voucher: *M. Cardenas 2679* (GH). Cited for Bolivia in: Fl. Neotrop. Monogr. 14(1): 543. 1974.

**Dyckia ferruginea** Mez, in C. DC., Monogr. phan. 9: 533. 1896.

Dept.: SC.

Elevation: 300 m.

Type: *Kuntze s.n.* HT: NY. Brazil.

Voucher: *P. Ibisch et al. 93.0614* (FR, LPB, SEL).

**Dyckia gracilis** Mez, in C. DC., Monogr. phan. 9: 516. 1896.

Dept.: SC.

Elevation: 200–700 m.

Type: *D'Orbigny 1006*. HT: P; IT: G. Bolivia.

Voucher: *A. Fuentes 1151* (LPB, USZ).

**Dyckia leptostachya** Baker, Gard. Chron. 1884(2): 198. 1884.

Synonym(s): *Dyckia boliviensis* Mez in C. DC., Monogr. phan. 9: 524. 1896.

Dept.: CH, SC.

Elevation: 350–500(–1850?) m.

Type: *Kew Hortus*. HT: K. Brazil.

Voucher: *T. Killeen et al. 7030* (SEL).

**Dyckia pulquinensis** Wittm., Rijks-Herb. 29: 88. 1916.

Dept.: SC.

Elevation: 1500 m.

Type: *Herzog 1849*. HT: L; IT: B. Bolivia.

Voucher: *G. Balcazar 35* (USZ).

**Endemic.**

#### FOSTERELLA

**Fosterella albicans** (Griseb.) L.B. Sm., *Phytologia* 7: 171. 1960. Basionym: *Cottendorfia albicans* Griseb., *Abh. Königl. Ges. Wiss. Göttingen* 24: 330. 1879.  
 Synonym(s): *Lindmania albicans* (Griseb.) Mez in C. DC., *Monogr. phan.* 9: 537. 1896.  
 Dept.: CH, CO, LP, SC.  
 Elevation: 900–2150 m.  
 Type: *Lorentz & Hieronymus 502*. HT: GOET; IT: B, CORD. Argentina.  
 Voucher: *B. Holst et al. 4837* (USZ, SEL).

**Fosterella caulescens** Rauh, *Trop. Subtrop. Pflanzenwelt* 31: 23. 1979.  
 Dept.: LP.  
 Elevation: 1200 m.  
 Type: *W. Rauh 40579A*. HT: HEID. Bolivia.  
 Voucher: Only known from type collection.  
**Endemic.**

**Fosterella chaparensis** Ibisch, Vasquez & Gross, *Rev. Soc. Boliviana Bot.* 2(2): 118. 1999.  
 Dept.: CO.  
 Elevation: 600 m.  
 Type: *R. Vasquez & M.I. Vásquez 2792*. HT: LPB; IT: FR, USZ. Bolivia.  
 Voucher: Only known from type collection.  
**Endemic.**

**Fosterella chiquitana** Ibisch, Vasquez & Gross, *Rev. Soc. Boliviana Bot.* 2(2): 118. 1999.  
 Dept.: SC.  
 Elevation: 500 m.  
 Type: *P. Ibisch 98.0125*. HT: LPB; IT: USZ. Bolivia.  
 Voucher: Only known from type collection.  
**Endemic.**

**Fosterella cotacajensis** M. Kessler, P. Ibisch & E. Gross, *Rev. Soc. Boliviana Bot.* 2(2): 1999.  
 Dept.: CO, LP.  
 Elevation: 2000–2200 m.  
 Type: *Kessler et al. 9620*. HT: LPB; IT: SEL. Bolivia.  
 Voucher: *M. Kessler et al. 5531* (LPB).  
**Endemic.**

**Fosterella elata** H. Luther, *Selbyana* 5: 310. 1981.  
 Dept.: LP.  
 Elevation: 900–1500 m.  
 Type: *Luer et al. s.n.* HT: SEL; IT: US. Bolivia.  
 Voucher: *M. Kessler et al. 5726* (LPB, SEL).  
**Endemic.**

**Fosterella floridensis** Ibisch, Vasquez & Gross, *Rev. Soc. Boliviana Bot.* 2(2): 120. 1999.  
 Dept.: SC.  
 Elevation: 1100–1450 m.  
 Type: *Ibisch & Ibisch 97.83*. HT: LPB; IT: FR, USZ. Bolivia.  
 Voucher: *Vasquez 1808* (JBSCZ).  
**Endemic.**

**Fosterella gracilis** (Rusby) L.B. Sm., *Phytologia* 7: 171. 1960. Basionym: *Catopsis gracilis* Rusby, *Bull. New York Bot. Gard.* 6: 489. 1910.  
 Synonym(s): *Lindmania gracilis* (Rusby) L.B. Sm., *Contr. Gray Herb* 104: 78. 1934.  
 Dept.: LP.  
 Elevation: 500 m.

Type: *R.S. Williams 738*. HT: NY. Bolivia.  
 Voucher: *White 1086* (NY). Cited in *Fl. Neotrop. Monogr.* 14(1): 209. 1974.  
**Endemic.**

**Fosterella graminea** (L.B. Sm.) L.B. Sm., *Phytologia* 7: 171. 1960. Basionym: *Lindmania graminea* L.B. Sm., *Lilloa* 14: 93. 1948.  
 Dept.: LP.  
 Elevation: 700–900(–1450?) m.  
 Type: *Buchtien 417*. HT: US. Bolivia.  
 Voucher: *M. Kessler 4100* (LPB, SEL).  
**Endemic.**

**Fosterella heterophylla** Rauh, *Trop. Subtrop. Pflanzenwelt* 60: 24. 1987.  
 Dept.: LP.  
 Elevation: 1000 m.  
 Type: *W. Rauh 40583A*. HT: HEID. Bolivia.  
 Voucher: Only known from type collection.  
**Endemic.**

**Fosterella latifolia** Ibisch, Vasquez & Gross, *Rev. Soc. Bol. Bot.* 2(2): 123. 1999.  
 Dept.: SC.  
 Elevation: 450–1000 m.  
 Type: *P. Ibisch 98.0098*. HT: LPB; IT: FR, USZ. Bolivia.  
 Voucher: *Ibisch 98.0173* (USZ).  
**Endemic.**

**Fosterella pearcei** (Baker) L.B. Sm., *Phytologia* 7: 172. 1960. Basionym: *Cottendorfia pearcei* Baker, *Handb. Bromel.* 128. 1889.  
 Synonym(s): *Lindmania pearcei* (Baker) Mez in C. DC., *Monogr. phan.* 9: 537. 1896.  
 Dept.: LP.  
 Elevation: 750–900 m.  
 Type: *Pearce s.n.* HT: BM. Bolivia.  
 Voucher: *B. Krukoff 10328* (GH, LPB, NY). Cited for Bolivia in *Fl. Neotr.* 14(1): 202. 1974.  
**Endemic.**

**Fosterella penduliflora** (C.H. Wright) L.B. Sm., *Phytologia* 7: 172. 1960. Basionym: *Catopsis penduliflora* C.H. Wright, *Bull. Misc. Inform.* 1910: 197. 1910.  
 Synonym(s): *Lindmania penduliflora* (C.H. Wright) Stapf, *Bot. Mag.* 150: pl. 9029. 1924.  
 Dept.: CH, LP, SC, TA.  
 Elevation: 550–1450 m.  
 Type: *Forget s.n.* HT: K. Peru.  
 Voucher: *M. Kessler et al. 4214* (LPB, SEL).

**Fosterella rojasii** (L.B. Sm.) L.B. Sm., *Revista Argent. Agron.* 7: 162. 1940. Basionym: *Lindmania rojasii* L.B. Sm., *Phytologia* 7: 172. 1960.  
 Dept.: SC.  
 Elevation: 450–500 m.  
 Type: *Rojas 6771*. HT: GH. Paraguay.  
 Voucher: *H. Amerhauser 5* (WU).

**Fosterella rusbyi** (Mez) L.B. Sm., *Phytologia* 7: 172. 1960. Basionym: *Lindmania rusbyi* Mez, *Bot. Jahrb. Syst.* 30 (Beibl. 67): 6. 1901.  
 Dept.: LP.  
 Elevation: 850–1500(–1800?) m.  
 Type: *Bang 2571*. HT: B; IT: BM, F, G, GH, K, NY, US. Bolivia.  
 Voucher: *M. Lewis 36936* (MO, SEL). "cf."



**Fosterella schidosperma** (Baker) L.B. Sm., *Phytologia* 8: 500. 1963. Basionym: *Chlorophytum schidospermum* Baker, *J. Linn. Soc., Bot.* 15: 326. 1876.

Synonym(s): *Cottendorfia rusbyi* Baker, *Bull. Torrey Bot. Club* 29: 697. 1902, non *Lindmania rusbyi* Mez, 1901; *Lindmania schidosperma* (Baker) P. Ravenna, *Wrightia* 7(3): 253. 1983.

Dept.: CO, LP.

Elevation: 750–2000 m.

Type: *Lechler 2382*. HT: CGE?; IT: G?. Peru.

Voucher: *M. Kessler et al. 7786* (LPB, SEL). "cf."

**Fosterella spectabilis** H. Luther, *J. Bromeliad Soc.* 47: 118. 1997.

Dept.: SC.

Elevation: 1700 m.

Type: *Cathcart B 17*. HT: SEL; IT: LPB, MO, NY, US, WU. Bolivia.

Voucher: Only known from type collection.

**Endemic.**

**Fosterella vasquezii** E. Gross & P. Ibsch, *J. Bromeliad Soc.* 47: 212. 1997.

Dept.: SC.

Elevation: 200–850 m.

Type: *Ibsch et al. 930652*. HT: HEID; IT: LPB. Bolivia.

Voucher: *F. Mamani & A. Jardim 1261*(USZ, SEL).

**Endemic.**

**Fosterella villosula** (Harms) L.B. Sm., *Phytologia* 7: 172. 1960. Basionym: *Lindmania villosula* Harms, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 794. 1929.

Dept.: CO, LP, SC.

Elevation: 800–1600 m.

Type: *Werdermann 2120*. HT: B. Bolivia.

Voucher: *M. Kessler et al. 4109* (LPB, SEL).

**Endemic.**

**Fosterella weddelliana** (Brongn. ex Baker) L.B. Sm., *Phytologia* 7: 172. 1960. Basionym: *Cottendorfia weddelliana* Brongn. ex Baker, *Handb. Bromel.* 129. 1889.

Synonym(s): *Lindmania weddelliana* (Brongn. ex Baker) Mez in C. DC., *Monogr. phan.* 9: 538. 1896.

Dept.: LP.

Elevation: 900–1800 m.

Type: *Weddell 4233*. HT: P. Bolivia.

Voucher: *M. Lewis 40425* (LPB, MO, SEL).

**Endemic.**

#### GREIGIA

**Greigia atrocastanea** H. Luther, *Selbyana* 19: 218. 1998 [1999].

Dept.: LP.

Elevation: (2500?–)3300 m.

Type: *E. Garcia 1977*. HT: SEL; IT: LPB. Bolivia.

Voucher: *M. Kessler et al. 12135* (LPB, SEL).

**Endemic.**

**Greigia cochabambae** H. Luther, *Selbyana* 19: 83. 1998.

Dept.: CO, LP.

Elevation: 2100–2700 m.

Type: *M. Kessler et al. 7111*. HT: SEL; IT: LPB. Bolivia.

Voucher: *M. Kessler et al. 12132* (LPB, SEL).

**Endemic.**

**Greigia kessleri** H. Luther, Selbyana 19: 83. 1998.  
 Dept.: CO, LP.  
 Elevation: 2200–3250 m.  
 Type: *M. Kessler et al. 9067*. HT: SEL; IT: LPB. Bolivia.  
 Voucher: *M. Kessler et al. 10519* (LPB, SEL).  
**Endemic.**

#### GUZMANIA

**Guzmania besseae** H. Luther, Selbyana 5: 310. 1981.  
 Dept.: CO, LP, SC.  
 Elevation: 1950–2600 m.  
 Type: *L. Besse et al. 669*. HT: SEL; IT: US. Bolivia.  
 Voucher: *P. Ibisch & C. Ibisch 93.0111* (LPB, SEL).

**Guzmania bipartita** L.B. Sm., Phytologia 6: 437. 1959.  
 Dept.: LP, SC.  
 Elevation: 1200–1500 m.  
 Type: *Asplund 19474*. HT: S. Ecuador.  
 Voucher: *M. Kessler et al. 10092* (LPB, SEL).

**Guzmania calothyrsus** Mez, in C. DC., Monogr. phan. 9: 910. 1896.  
 Dept.: BE, CO, LP, SC.  
 Elevation: 200–1300 m.  
 Type: *Poeppig 1224*. HT: W (lost). Peru.  
 Voucher: *T. Krömer et al. 57* (LPB, SEL).

**Guzmania danielii** L.B. Sm., Phytologia 4: 360. 1953.  
 Dept.: CO, LP?.  
 Elevation: 1700–2700 m.  
 Type: *Daniel 3350*. HT: GH; IT: US. Colombia.  
 Voucher: *M. Kessler et al. 9027* (LPB, SEL).

**Guzmania gloriosa** (André) André ex Mez, in C. DC., Monogr. phan. 9: 922. 1896. Basionym: *Caraguata gloriosa* André, Énum. Bromél. 5. 13 Dec. 1888; Rev. Hort. 60: 565. 16 Dec. 1888.  
 Dept.: CO, LP.  
 Elevation: 1300–1600 m.  
 Type: *André 3791*. HT: K. Ecuador.  
 Voucher: *M. Kessler et al. 7446* (LPB, SEL).

**Guzmania killipiana** L.B. Sm., Contr. Gray Herb. 98: 29. 1932.  
 Dept.: CO, LP.  
 Elevation: 1150–2500 m.  
 Type: *Killip & Smith 25630*. HT: US. Peru.  
 Voucher: *M. Kessler et al. 6957* (LPB, SEL).

**Guzmania lingulata** (L.) Mez, in C. DC., Monogr. phan. 9: 899. 1896. Basionym: *Tillandsia lingulata* L., Sp. pl. 1: 286. 1753.  
 Dept.: LP, SC.  
 Elevation: 500–1450 m.  
 Type: *Plumier s.n.* HT: P. West Indies.  
 Voucher: *M. Saldias & L. Arroyo 3572* (SEL).

**Guzmania marantoidea** (Rusby) H. Luther, Selbyana 19: 86. 1998. Basionym: *Tillandsia marantoidea* Rusby, Descr. S. Amer. pl. 4. 1920.

Synonym(s): *Guzmania rio-nievensis* Rauh, Trop. Subtrop. Pflanzenwelt 50: 22. 1984.  
 Dept.: CO, LP.  
 Elevation: 1300–2650 m.  
 Type: *Bang 2570*. HT: NY; IT: US. Bolivia.  
 Voucher: *M. Kessler et al. 7843* (LPB, SEL).

***Guzmania melinonis*** Regel, Gartenflora 34: 116. 1885.  
 Dept.: CO, LP, SC.  
 Elevation: 300–1200 m.  
 Type: *Linden in Petrograd Hortus s.n.* HT: LE. French Guiana.  
 Voucher: *M. Kessler et al. 8058* (LPB, SEL).

***Guzmania monostachia*** (L.) Rusby ex Mez, in C. DC., Monogr. phan. 9: 905. 1896. Basionym: *Renealmia monostachia* L., Sp. pl. 1: 287. 1753.  
 Dept.: LP.  
 Elevation: 1300 m.  
 Type: *Plumier s.n.* HT: P. West Indies.  
 Voucher: *M. Kessler et al. 10305* (LPB, SEL).

***Guzmania morreniana*** (Linden Hortus) Mez, in C. DC., Monogr. phan. 9: 932. 1896. Basionym: *Massangea morreniana* Linden Hortus, Cat. Expos. Brux. 1880.  
 Dept.: CO, LP.  
 Elevation: 2200–2300 m.  
 Type: *E. Morren Hortus s.n.* CT: LG. South America.  
 Voucher: *S. Beck 22273* (LPB, SEL).

***Guzmania remediosensis*** E. Gross, Trop. Subtrop. Pflanzenwelt 95: 20. 1997.  
 Dept.: LP.  
 Elevation: Unknown.  
 Type: *M. Miyagawa s.n.* HT: HEID. Bolivia.  
 Voucher: Only known from type collection.  
**Endemic.**

***Guzmania retusa*** L.B. Sm., Fieldiana, Bot. 28(1): 143. 1951.  
 Dept.: CO, LP.  
 Elevation: 1300–1700 m.  
 Type: *J. Steyermark 60677*. HT: F. Venezuela.  
 Voucher: *M. Kessler et al. 7401* (LPB, SEL).

***Guzmania roezlii*** (E. Morren) Mez, in C. DC., Monogr. phan. 9: 948. 1896. Basionym: *Schlumbergeria roezli* E. Morren, Belgique Hort. 28: 311. 1878.  
 Dept.: BE, CO, LP.  
 Elevation: 550–1450 m.  
 Type: *Roezl in Morren Hortus s.n.* CT: LG. Peru.  
 Voucher: *T. Krömer 185* (LPB, SEL).

***Guzmania sphaeroidea*** (André) André ex Mez, in C. DC., Monogr. phan. 9: 942. 1896. Basionym: *Caraguata sphaeroidea* André, Énum. Bromél. 6. 13 Dec. 1888; Rev. Hort. 60: 566. 16 Dec. 1888.  
 Dept.: CO, LP.  
 Elevation: 1150–1500 m.  
 Type: *André 2685*. HT: K. Colombia.  
 Voucher: *M. Kessler et al. 11282* (LPB, SEL).

***Guzmania squarrosa*** (Mez & Sodiro) L.B. Sm. & Pittendr., J. Wash. Acad. Sci. 43: 403. 1953 [1954]. Basionym: *Thecophyllum squarrosus* Mez & Sodiro, Bull. Herb. Boissier, sér. 2, 4: 877. 1904.  
 Dept.: CO, LP.

Elevation: 1850–2700 m.  
 Type: *Sodiro 47*. HT: B. Ecuador.  
 Voucher: *S. Beck 21288* (LPB, SEL).

**Guzmania tarapotina** Ule, Verh. Bot. Vereins Prov. Brandenburg 48: 147. 1907.  
 Dept.: LP.  
 Elevation: 600(–2350) m.  
 Type: *Ule 6683*. HT: B. Peru.  
 Voucher: *S. Beck 24037* (LPB, SEL).

#### MEZOBROMELIA

**Mezobromelia capituligera** (Griseb.) J.R. Grant, Phytologia 74: 428. 1993. Basionym: *Tillandsia capituligera* Griseb., Cat. pl. Cub. 254. 1866.  
 Dept.: CO, LP.  
 Elevation: 1300–2200 m.  
 Type: *Wright 3275*. HT: GOET; IT: GH. Cuba.  
 Voucher: *M. Kessler et al. 7376* (LPB, SEL).

**Mezobromelia pleiosticha** (Griseb.) Utley & H. Luther, Ann. Missouri Bot. Gard. 78: 270. 1991. Basionym: *Tillandsia pleiosticha* Griseb., Nachr. Königl. Ges. Wiss. Georg-Augusts-Univ. [1]: 19. 1864.  
 Dept.: LP.  
 Elevation: 1300 m.  
 Type: *A. Fendler 1514*. HT: GOET. Venezuela.  
 Voucher: *M. Kessler et al. 9869* (LPB, SEL).

#### PEPINIA

**Pepinia caricifolia** (Mart. ex Schult. f.) G.S. Varad. & Gilmartin, Syst. Bot. 13: 297. 1988. Basionym: *Pitcairnia caricifolia* Mart. ex Schult. f., in Roem. & Schult., Syst. Veg. 7(2): 1242. 1830.  
 Dept.: PA, SC.  
 Elevation: 150–300 m.  
 Type: *C. Martius s.n.* HT: M. Brazil.  
 Voucher: *T. Killeen et al. 5448* (SEL).

#### PITCAIRNIA

**Pitcairnia amoroensis** Ibisch, Vásquez, Gross & Kessler, J. Bromeliad Soc. 49: 129. 1999.  
 Dept.: SC.  
 Elevation: 500–600 m.  
 Type: *P. Ibisch & C. Ibisch 97.0004A*. HT: LPB. Bolivia.  
 Voucher: *M. Kessler et al. 8660* (GOET, LPB, SEL).  
**Endemic.**

**Pitcairnia aurea** Rusby ex L.B. Sm., Phytologia 19: 286. 1970.  
 Dept.: LP.  
 Elevation: 900 m.  
 Type: *H. Rusby 665*. HT: NY. Bolivia.  
 Voucher: Only known from type collection.  
**Endemic.**

**Pitcairnia brittoniana** Mez, in C. DC., Monogr. phan. 9: 451. 1896.  
 Synonym(s): *Hepetis brittoniana* (Mez) Mez in C. DC., Monogr. phan. 9: 973. 1896.  
 Dept.: CO(?), LP.  
 Elevation: 1200–1700 m.  
 Type: *Bang 592*. HT: US; IT: NY. Bolivia.

Voucher: *J. Solomon 9281* (LPB, SEL).

**Pitcairnia cardenasii** L.B. Sm., *Phytologia* 8: 505. 1963.

Dept.: CH, LP, SC.

Elevation: 800–2000 m.

Type: *Cárdenas 4648*. HT: US. Bolivia.

Voucher: *Guardia et al. 230* (SEL).

**Endemic.**

**Pitcairnia crassa** L.B. Sm., *Lilloa* 14: 94. 1948.

Dept.: LP, SC.

Elevation: 700–1400 m.

Type: *Cárdenas 3690*. HT: GH. Bolivia.

Voucher: *T. Krömer et al. 126* (LPB, SEL).

**Endemic.**

**Pitcairnia divaricata** Wittm., *Rijks-Herb.* 29: 81. 1916.

Dept.: LP, SC, TA?.

Elevation: 900–1300(–1900) m.

Type: *Herzog 1212*. HT: L; IT: B. Bolivia.

Voucher: *S. Beck 1765* (LPB).

**Endemic.**

**Pitcairnia inermis** (E. Mey.) E. Mey. ex Schult. & Schult. f., in Roem. & Schult., *Syst. veg.* 7(2): 1238. 1830.

Basionym: *Pourretia inermis* E. Mey., in C. Presl, *Reliq. haenk.* 1(2): 123. 1827.

Dept.: Unknown.

Elevation: Unknown.

Type: *Haenke s.n.* HT: PR. Peru.

Voucher: *Pearce 521* (K). Cited for Bolivia in *Fl. Neotrop. Monogr.* 14(1): 326. 1974.

**Pitcairnia lanuginosa** Ruiz & Pav., *Fl. peruv.* 3: 35. 1802; *Phytologia* 15: 195. 1967.

Synonym(s): *Orthophytum lanuginosum* (Ruiz & Pav.) Beer, *Fam. Bromel.* 70. 1856; *Pitcairnia sessiliflora* Rusby,

*Bull. New York Bot. Gard.* 4: 457. 1907.

Dept.: CO, LP, SC.

Elevation: 200–1300 m.

Type: *Ruiz & Pavon s.n.* HT: MA. Peru.

Voucher: *J. Solomon 14173* (LPB, SEL).

**Pitcairnia longissimiflora** Ibisch, Vásquez, & Gross, *J. Bromeliad Soc.* 49: 127. 1999.

Dept.: SC.

Elevation: 1000 m.

Type: *P. Ibisch & C. Ibisch 97.0097*. HT: LPB. Bolivia.

Voucher: *P. Ibisch & C. Ibisch 98.0225* (USZ).

**Endemic.**

**Pitcairnia multiramosa** Mez, in C. DC., *Monogr. phan.* 9: 419. 1896.

Synonym(s): *Hepetis multiramosa* (Mez) Mez in C. DC., *Monogr. phan.* 9: 974. 1896.

Dept.: CH.

Elevation: 1900 m.

Type: *Weddell 3637*. HT: P. Bolivia.

Voucher: *M. Cárdenas 5732* (US). Cited in *Fl. Neotrop. Monogr.* 14(1): 306. 1974.

**Endemic.**

**Pitcairnia odontopoda** Baker, *Handb. Bromel.* 93. 1889.

Synonym(s): *Hepetis odontopoda* (Baker) Mez in C. DC., *Monogr. phan.* 9: 974. 1896.

Dept.: LP.

Elevation: 1700–2500 m.

Type: *Pearce s.n.* HT: K. Bolivia.

Voucher: *Eyerdam 25357* (F, UC). Cited in *Fl. Neotrop. Monogr.* 14(1): 319. 1974.

**Pitcairnia paniculata** (Ruiz & Pav.) Ruiz & Pav., *Syst. veg. fl. peruv. chil.* 3: 36. 1802. Basionym: *Pouretia paniculata* Ruiz & Pav., *Syst. veg. fl. peruv. chil.* 1: 81. 1798.

Synonym(s): *Pitcairnia biattenuata* Rusby, *Bull. New York Bot. Gard.* 4: 457. 1907.

Dept.: CH, CO?, LP, SC.

Elevation: (500)1750–2000(–2550) m.

Type: *Ruiz & Pavon s.n.* Herbarium of deposit unknown. Peru.

Voucher: *T. Krömer et al. 125* (LPB, SEL).

**Pitcairnia platystemon** Mez, in C. DC., *Monogr. phan.* 9: 421. 1896.

Synonym(s): *Hepetis platystemon* (Mez) Mez in C. DC., *Monogr. phan.* 9: 974. 1896.

Dept.: SC.

Elevation: ca. 500 m.

Type: *D'Orbigny 937*. HT: P. Bolivia.

Voucher: *P. Ibisch & Nowicki 990124* (USZ).

**Endemic.**

**Pitcairnia riparia** Mez, *Repert. Spec. Nov. Regni Veg.* 12: 416. 1913.

Dept.: LP.

Elevation: 1300 m.

Type: *Weberbauer 6156*. HT: B. Peru.

Voucher: *M. Kessler 9806* (GOET, LPB).

**Pitcairnia trianae** André, *Enum. Bromél.* 4. 13 Dec 1888; *Rev. Hort.* 60: 564. 16 Dec 1888.

Synonym(s): *Hepetis trianae* (André) Mez in C. DC., *Monogr. phan.* 9: 974. 1896.

Dept.: CO, LP.

Elevation: 1650–2900 m.

Type: *André 2069*. HT: K. Colombia.

Voucher: *T. Krömer 134* (LPB, SEL).

**Pitcairnia sp. 1.**

Dept.: SC.

Elevation: 2000 m.

Voucher: *P. Ibisch & C. Ibisch 98.041*.

**Endemic.**

#### PSEUDANANAS

**Pseudananas sagenarius** (Arruda) Camargo, *Revista Agric. (Piracicaba)* 14(7, 8): reprint p. 4. 1939. Basionym: *Bromelia sagenaria* Arruda, *Diss. pl. Brazil* 13. 1810.

Dept.: BE, LP, SC.

Elevation: 200–850 m.

Type: *Original description*.

Voucher: *M. Kessler et al. 5386* (LPB, SEL).

#### PUYA

**Puya alata** L.B. Sm., *Phytologia* 7: 422. 1961.

Dept.: PO.

Elevation: 1000 m.

Type: *Cárdenas 2851*. HT: F. Bolivia.

Voucher: Only known from type collection.

**Endemic.**

**Puya alba** L.B. Sm., Phytologia 5: 49. 1954.

Dept.: TA.

Elevation: 800 m.

Type: *Cárdenas 4952a*. HT: US. Bolivia.

Voucher: Only known from type collection.

**Endemic.**

**Puya atra** L.B. Sm., Contr. U.S. Natl. Herb. 29: 536. 1954.

Dept.: CO, LP, SC.

Elevation: 2500–3500 m.

Type: *M.B. Foster 2551*. HT: US. Bolivia.

Voucher: *M. Kessler et al. 6610* (LPB, SEL).

**Endemic.**

**Puya brittoniana** Baker, Handb. Bromel. 124. 1889.

Dept.: LP.

Elevation: 3000–3800 m.

Type: *H. Rusby 2849*. HT: NY. Bolivia.

Voucher: *G. Varadarajan 1466* (LPB). Det. G. Varadarajan.

**Endemic.**

**Puya cardenasii** L.B. Sm., Lilloa 14: 94. 1948.

Dept.: CO.

Elevation: 3850–4000 m.

Type: *Cárdenas 4082*. HT: US; IT: GH. Bolivia.

Voucher: *G. Varadarajan 1442* (LPB). Det. G. Varadarajan.

**Endemic.**

**Puya claudiae** Ibisch, Vásquez & Gross, J. Bromeliad Soc. 49: 132. 1999.

Dept.: SC.

Elevation: 2000 m.

Type: *P. Ibisch & C. Ibisch 980040*. HT: LPB. Bolivia.

Voucher: Only known from type collection.

**Endemic.**

**Puya cristata** L.B. Sm., Lilloa 14: 95. 1948.

Dept.: CO.

Elevation: 3000 m.

Type: *Cárdenas 3311*. HT: GH. Bolivia.

Voucher: Only known from type collection.

**Endemic.**

**Puya ctenorhyncha** L.B. Sm., Phytologia 5: 49. 1954.

Dept.: LP.

Elevation: 2500–4050 m.

Type: *Cárdenas 4867*. HT: US. Bolivia.

Voucher: *L. Besse et al. 618* (SEL).

**Endemic.**

**Puya dyckioides** (Baker) Mez, in C. DC., Monogr. phan. 9: 486. 1896. Basionym: *Pitcairnia dyckioides* Baker, Handb. Bromel. 118. 1889.

Dept.: CH, SC, TA.

Elevation: 2250–2400(–3750?) m.

Type: *Weddell 3739*. HT: P. Bolivia.

Voucher: *P. Ibisch & C. Ibisch 93.1026* (SEL). "cf.".

**Puya entre-riosensis** Ibisch & Gross, J. Bromeliad Soc. 48: 217. 1998.

Dept.: TA.

Elevation: 1800 m.

Type: *P. Ibisch & C. Ibisch 93.1282*. HT: LPB; IT: HEID. Bolivia.

Voucher: Only known from type collection.

**Endemic.**

**Puya ferruginea** (Ruiz & Pav.) L.B. Sm., Phytologia 16: 461. 1968. Basionym: *Pitcairnia ferruginea* Ruiz & Pav., Fl. peruv. 3: 36. 1802.

Synonym(s): *Pitcairnia consimilis* Baker, J. Bot. 19: 226, 266. 1881.

Dept.: CO, LP, SC.

Elevation: 1150–3800 m.

Type: *Ruiz & Pavon s.n.* HT: BM. Peru.

Voucher: *J. Solomon 17336* (LPB, SEL).

**Puya fiebrigii** Mez, Repert. Spec. Nov. Regni Veg. 3: 9. 1906.

Dept.: TA?.

Elevation: Unknown.

Type: *Fiebrig 3210*. LT: B. Bolivia.

Voucher: Only known from type collection.

**Endemic.**

**Puya fosteriana** L.B. Sm., J. Wash. Acad. Sci. 40: 216. 1950.

Dept.: LP.

Elevation: 3900–4400 m.

Type: *M.B. Foster 2573*. HT: US. Bolivia.

Voucher: *J. Solomon 18299* (MO, SEL).

**Endemic.**

**Puya glabrescens** L.B. Sm., Contr. U.S. Natl. Herb. 29: 537. 1954.

Dept.: CO, PO.

Elevation: 2550–3700 m.

Type: *Cárdenas 4384*. HT: US. Bolivia.

Voucher: *L. Besse et al. 502* (SEL).

**Endemic.**

**Puya glareosa** L.B. Sm., Lilloa 14: 96. 1948.

Dept.: LP.

Elevation: 3600 m.

Type: *Cárdenas 3583*. HT: GH. Bolivia.

Voucher: Only known from type collection.

**Endemic.**

**Puya herzogii** Wittm., Rijks-Herb. 29: 86. 1916.

Dept.: CO, LP.

Elevation: 3300–3950 m.

Type: *Herzog 2269*. HT: L; IT: B. Bolivia.

Voucher: *M. Kessler et al. 6581* (SEL).

**Endemic.**

**Puya hofstenii** Mez, Repert. Spec. Nov. Regni Veg. 3: 8. 1906.

Synonym(s): *Puya hauthalii* Mez, Repert. Spec. Nov. Regni Veg. 16: 65. 1919.

Dept.: CH, PO.

Elevation: 3000–3500 m.

Type: *Hofsten 1710*. HT: B. Argentina.



Voucher: *Hromadnik 19017a* (WU).

**Puya hromadnikii** Rauh, Trop. Subtrop. Pflanzenwelt 41: 5. 1983.

Dept.: TA.

Elevation: 2550–2700 m.

Type: *Hromadnik 5128*. HT: HEID. Bolivia.

Voucher: *W. Till 60a* (WU).

**Endemic.**

**Puya humilis** Mez, in C. DC., Monogr. phan. 9: 498. 1896.

Synonym(s): *Puya werdermannii* Harms, Notizbl. Bot. Gart. Berlin-Dahlem 10: 793. 1929.

Dept.: CH, CO, PO.

Elevation: (2100–)2800–4200 m.

Type: *Kuntze s.n.* HT: NY. Bolivia.

Voucher: *G. Varadarajan et al. 1451* (LPB, SEL). Det. G. Varadarajan.

**Endemic.**

**Puya kuntzeana** Mez, in C. DC., Monogr. phan. 9: 490. 1896.

Dept.: CO.

Elevation: 1300 m.

Type: *Kuntze s.n.* HT: NY. Bolivia.

Voucher: Only known from type collection.

**Endemic.**

**Puya lasiopoda** L.B. Sm., Proc. Amer. Acad. Arts 70: 153. 1935.

Dept.: BE, LP?.

Elevation: 500(–1850?) m.

Type: *H. Rusby 2232*. HT: NY. Bolivia.

Voucher: *J. Solomon 10862* (MO). "cf."

**Puya laxa** L.B. Sm., Phytologia 6: 195. 1958.

Dept.: SC.

Elevation: 1500–1900 m.

Type: *Cárdenas 5092*. HT: US. Bolivia.

Voucher: *S. Beck 7100* (LPB). Det. G. Varadarajan.

**Endemic.**

**Puya leptostachya** L.B. Sm., Lilloa 14: 97. 1948.

Dept.: CO.

Elevation: 3200–3400 m.

Type: *Cárdenas 3581*. HT: GH. Bolivia.

Voucher: *G. Varadarajan et al. 1445* (LPB). Det. G. Varadarajan.

**Endemic.**

**Puya meziana** Wittm., Rijks-Herb. 29: 85. 1916.

Dept.: CO(?), LP.

Elevation: (2200?–)3000–3600 m.

Type: *Herzog 2487*. HT: L. Bolivia.

Voucher: *J. Solomon 13058* (LPB, SEL).

**Endemic.**

**Puya micrantha** Mez, Repert. Spec. Nov. Regni Veg. 3: 8. 1906.

Dept.: TA/Argentina border.

Elevation: 1700 m.

Type: *Fiebrig 2244*. HT: B; IT: BM, GH. Argentina.

Voucher: No known collections from Bolivia.

**Puya minima** L.B. Sm., Phytologia 7: 423. 1961.

Synonym(s): *Puya pusilla* H. Luther, Bromélia 4(4): 30 Nov. 1997 [1998].

Dept.: TA.

Elevation: 2500–2650 m.

Type: *West 8345*. HT: UC. Bolivia.

Voucher: *S. Beck & M. Libermann 14310* (LPB, SEL).

**Endemic.**

**Puya mirabilis** (Mez) L.B. Sm., Phytologia 16: 461. 1968. Basionym: *Pitcairnia mirabilis* Mez, Repert. Spec. Nov.

Regni Veg. 3: 6. 1906.

Dept.: CO, TA.

Elevation: 1400–2600 m.

Type: *Fiebrig 2320*. HT: B. Bolivia.

Voucher: *P. Ibisich & Rojas 415* (LPB). Det. G. Varadarajan.

**Puya mollis** Baker ex Mez, in C. DC., Monogr. phan. 9: 488. 1896.

Dept.: LP.

Elevation: 2400–3300 m.

Type: *Bang 1629*. LT: K; ILT: BM, GH, US. Bolivia.

Voucher: (Syntype) *G. Mandon 1190* (BR, GH, MANCH, P, PL, STU, WU, Z). Cited in Fl. Neotrop. Monogr. 14(1): 123. 1974.

**Endemic.**

**Puya nana** Wittm., Rijks-Herb. 29: 85. 1916.

Synonym(s): *Pitcairnia nana* (Wittm.) L.B. Sm., Phytologia 7: 5. 1959; 10: 30. 1964.

Dept.: SC.

Elevation: (1350–)1700–2100 m.

Type: *Herzog 1856a*. HT: L. Bolivia.

Voucher: *M. Kessler et al. 6356* (LPB, SEL).

**Endemic.**

**Puya olivacea** Wittm., Rijks-Herb. 29: 83. 1916; emend. L.B. Sm., Contr. U.S. Nat. Herb. 29: 538. 1954.

Synonym(s): *Pitcairnia olivacea* (Wittm.) Mez in Engler, Pflanzenr. IV, 32: 247. 1935.

Dept.: SC.

Elevation: 950–2000 m.

Type: *Herzog 1216*. HT: L. Bolivia.

Voucher: *J. Solomon & M. Nee 17936* (MO, SEL).

**Endemic.**

**Puya paupera** Mez, Repert. Spec. Nov. Regni Veg. 3: 14. 1906.

Dept.: TA.

Elevation: 2600 m.

Type: *Fiebrig 2005*. HT: B. Bolivia.

Voucher: Only known from type collection.

**Endemic.**

**Puya pearcei** (Baker) Mez, in C. DC., Monogr. phan. 9: 480. 1896. Basionym: *Pitcairnia pearcei* Baker, Handb.

Bromel. 120. 1889.

Dept.: CO, LP, SC?.

Elevation: 750–2800 m.

Type: *Pearce s.n.* HT: K. Bolivia.

Voucher: *A. Gentry et al. 44254* (LPB, SEL).

**Endemic.**

**Puya penduliflora** L.B. Sm., Contr. Gray Herb. 98: 12. 1932.

Dept.: LP.  
 Elevation: 1400 m.  
 Type: *Buchtien 7182*. HT: US. Bolivia.  
 Voucher: Only known from type collection.  
**Endemic.**

**Puya potosina** L.B. Sm., *Phytologia* 7: 423. 1961.  
 Dept.: CH, PO.  
 Elevation: (2050–)3400 m.  
 Type: *Cárdenas 3738*. HT: US. Bolivia.  
 Voucher: *M. Kessler et al. 4804* (LPB).  
**Endemic.**

**Puya prosanae** Ibisch & E. Gross, *J. Bromeliad Soc.* 43: 212. 1993.  
 Dept.: CO.  
 Elevation: 3500–3800 m.  
 Type: *P. Ibisch & C. Ibisch 625A*. HT: HEID; IT: LPB. Bolivia.  
 Voucher: Only known from type collection.  
**Endemic.**

**Puya raimondii** Harms, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 213. 1928.  
 Dept.: CO, LP.  
 Elevation: (2400–)3000–4200 m.  
 Type: *Weberbauer 2955*. HT: B. Peru.  
 Voucher: *G. & D. Schmitt* (LPB, SEL).  
**Endemic.**

**Puya reducta** L.B. Sm., *Phytologia* 10: 472. 1964.  
 Dept.: LP.  
 Elevation: 2600 m.  
 Type: *Cárdenas 5687*. HT: US. Bolivia.  
 Voucher: Only known from type collection.  
**Endemic.**

**Puya riparia** L.B. Sm., *Phytologia* 7: 424. 1961.  
 Dept.: LP.  
 Elevation: 1350(–3950) m.  
 Type: *M.B. Foster 2578*. HT: US. Bolivia.  
 Voucher: *S. Beck 11277* (LPB). Det. A. Gilmartin.  
**Endemic.**

**Puya rusbyi** (Baker) Mez, in C. DC., *Monogr. phan.* 9: 482. 1896. Basionym: *Pitcairnia rusbyi* Baker, *Handb. Bromel.* 122. 1889.  
 Dept.: LP.  
 Elevation: 3000–3600 m.  
 Type: *H. Rusby 2846*. HT: NY. Bolivia.  
 Voucher: *West 6402* (UC). Cited in *Fl. Neotrop. Monogr.* 14(1): 89. 1974.  
**Endemic.**

**Puya sanctae-crucis** (Baker) L.B. Sm., *Proc. Amer. Acad. Arts* 70: 154. 1935. Basionym: *Pitcairnia sanctae-crucis* Baker, *Handb. Bromel.* 120. 1889.  
 Synonym(s): *Pitcairnia robusta* Rusby, *Bull. New York Bot. Gard.* 6: 488. 1910.  
 Dept.: LP, SC.  
 Elevation: 1300–2450 m.  
 Type: *Castelnau s.n.* HT: P. Bolivia.  
 Voucher: *L. Besse et al. 636* (SEL).  
**Endemic.**

**Puya secunda** L.B. Sm., *Phytologia* 7: 424. 1961.

Dept.: CO.

Elevation: 1800–3000 m.

Type: *Cárdenas 4381*. HT: US. Bolivia.

Voucher: *P. Ibisch 14074* (LPB).

**Endemic.**

**Puya serranoensis** Rauh, *Trop. Subtrop. Pflanzenwelt* 41: 14. 1983.

Dept.: SC.

Elevation: 1700–2600 m.

Type: *Hromadnik 5230*. HT: HEID. Bolivia.

Voucher: *I. Vargas & Fuentes 3046* (SEL).

**Endemic.**

**Puya solomonii** Varad., *J. Bromeliad Soc.* 39: 121. 1989.

Dept.: LP.

Elevation: 3050 m.

Type: *G. Varadarajan, U. Varadarajan & J. Solomon 1471*. HT: GH; IT: LPB, MO, US, WS. Bolivia.

Voucher: Only known from type collection.

**Endemic.**

**Puya spathacea** (Griseb.) Mez, in C. DC., *Monogr. phan.* 9: 481. 1896. Basionym: *Pitcairnia spathacea* Griseb., *Abh. Königl. Ges. Wiss. Göttingen* 24: 329. 1879.

Dept.: TA.

Elevation: 2050 m.

Type: *Hieronimus 175*. HT: GOET; IT: CORD. Argentina.

Voucher: *E. Bastian 414* (LPB).

**Puya stenothyrsa** (Baker) Mez, in C. DC., *Monogr. phan.* 9: 481. 1896. Basionym: *Pitcairnia stenothyrsa* Baker, *Handb. Bromel.* 122. 1889.

Synonym(s): *Pitcairnia bangii* Baker, *Mem. Torrey Bot. Club* 6: 124. 1896.

Dept.: CO, LP, SC, TA.

Elevation: (1350–)2700–3800 m.

Type: *Mandon 1189*. HT: K; IT: GH, PI, US. Bolivia.

Voucher: *L. Hromadnik 19026* (WU).

**Endemic.**

**Puya tristis** L.B. Sm., *Phytologia* 10: 475. 1964.

Dept.: CO.

Elevation: 3900 m.

Type: *Cárdenas 6067*. HT: US. Bolivia.

Voucher: Only known from type collection.

**Endemic.**

**Puya trollii** L.B. Sm., *Phytologia* 16: 459. 1968.

Dept.: PO.

Elevation: 3350 m.

Type: *Troll 661*. HT: M. Bolivia.

Voucher: *S. Beck et al. 26787* (LPB).

**Endemic.**

**Puya tuberosa** Mez, in C. DC., *Monogr. phan.* 9: 483. 1896; emend. L.B. Sm., *Contr. U.S. Natl. Herb.* 29: 539. 1954.

Dept.: SC, TA.

Elevation: 1000–2750 m.

Type: *Haenke s.n.* HT: M. Bolivia.

Voucher: *Cárdenas 4647* (US). Cited in *Fl. Neotrop. Monogr.* 14(1): 120. 1974.

**Endemic.**

***Puya tunariensis*** Mez, in C. DC., *Monogr. phan.* 9: 498. 1896.

Dept.: CO.

Elevation: (2000–)3150–3800 m.

Type: *Kuntze s.n.* HT: NY. Bolivia.

Voucher: *M. Kessler et al. 6830* (LPB, SEL).

**Endemic.**

***Puya ugentiana*** L.B. Sm., *Phytologia* 13: 147. 1966.

Dept.: CH.

Elevation: 1900–1950 m.

Type: *Ugent 4998*. HT: US; IT: WIS. Bolivia.

Voucher: *L. Hromadnik 19066* (WU).

**Endemic.**

***Puya ultima*** L.B. Sm., *Contr. U.S. Natl. Herb.* 29: 540. 1954.

Dept.: LP.

Elevation: 1500–2200 m.

Type: *M.B. Foster 2575*. HT: US. Bolivia.

Voucher: *M. Kessler et al. 10574* (SEL).

**Endemic.**

***Puya valida*** L.B. Sm., *Phytologia* 10: 474. 1964.

Dept.: CH.

Elevation: 2500 m.

Type: *Cárdenas 6012*. HT: US. Bolivia.

Voucher: Only known from type collection.

**Endemic.**

***Puya vallo-grandensis*** Rauh, *Trop. Subtrop. Pflanzenwelt* 41: 9. 1983.

Dept.: SC.

Elevation: 2000–2250 m.

Type: *Hromadnik 5279*. HT: HEID. Bolivia.

Voucher: *P. Ibisch & C. Ibisch 93.0861* (SEL).

**Endemic.**

***Puya vasquezii*** P. Ibisch & E. Gross, *Rev. Soc. Boliviana Bot.* 2(1): 26. 1998.

Dept.: SC.

Elevation: 600 m.

Type: *R. Vásquez et al. 2025*. HT: LPB; IT: NY, USZ. Bolivia.

Voucher: Only known from type collection.

**Endemic.**

***Puya weberbaueri*** Mez, *Bull. Herb. Boissier, sér.* 2, 4: 633. 1904.

Dept.: LP.

Elevation: Unknown.

Type: *Weberbauer 847*. HT: B. Peru.

Voucher: *Cárdenas 5534* (US). Cited for Bolivia in *Fl. Neotrop. Monogr.* 14(1): 148. 1974.

***Puya weddelliana*** (Baker) Mez, in C. DC., *Monogr. phan.* 9: 475. 1896. Basionym: *Pitcairnia weddelliana* Baker, *Handb. Bromel.* 12. 1889.

Dept.: CH, TA.

Elevation: 1800–3000 m.

Type: *Weddell 4001*. HT: P. Bolivia.  
 Voucher: *L. Hromadnik 19046a* (WU).  
**Endemic.**

**Puya sp. 1.**  
 Dept.: LP.  
 Elevation: 1450 m.  
 Voucher: *M. Kessler et al. 10386* (LPB, SEL).

#### RACINAEA

**Racinaea cf. riocreuxii** (André) M.A. Spencer & L.B. Sm., *Phytologia* 74: 156. 1993. Basionym: *Tillandsia riocreuxii* André, *Enum. Bromél.* 7. 13 Dec. 1888; *Rev. Hort.* 60: 567. 16 Dec. 1888.  
 Dept.: LP.  
 Elevation: 3250 m.  
 Type: *André 4408*. HT: K. Ecuador.  
 Voucher: *B. Herzog 368* (LPB).

**Racinaea flexuosa** (Baker) M.A. Spencer & L.B. Sm., *Phytologia* 74: 154. 1993. Basionym: *Catopsis flexuosa* Baker, *J. Bot.* 25: 175. 1887.  
 Synonym(s): *Tillandsia bakeri* L.B. Sm., *Contr. Gray Herb.* 95: 45. 1931.  
 Dept.: CO, LP.  
 Elevation: 2100–2700 m.  
 Type: *Mandon 1172*. HT: K. Bolivia.  
 Voucher: *M. Kessler et al. 12495* (LPB, SEL).

**Racinaea kessleri** H. Luther, *Selbyana* 19: 86. 1998.  
 Dept.: CO.  
 Elevation: 2200–3100 m.  
 Type: *M. Kessler et al. 8380*. HT: SEL; IT: LPB. Bolivia.  
 Voucher: *M. Kessler et al. 9541* (LPB, SEL).  
**Endemic.**

**Racinaea monticola** (Mez & Sodiro) M.A. Spencer & L.B. Sm., *Phytologia* 74: 155. 1993. Basionym: *Tillandsia monticola* Mez & Sodiro, *Bull. Herb. Boissier, sér. 2, 4*: 1135. 1904.  
 Dept.: LP.  
 Elevation: 750–850 m.  
 Type: *Sodiro 171/33*. HT: B; IT: F, GH. Ecuador.  
 Voucher: *O. Buchtien 1266* (US). Cited for Bolivia in *Fl. Neotrop. Monogr.* 14(2): 1038. 1977.

**Racinaea nervibractea** (Gilmartin & H. Luther) J.R. Grant, *Phytologia* 74: 429. 1993. Basionym: *Tillandsia nervibractea* Gilmartin & H. Luther, *J. Bromeliad Soc.* 40(6): 250. 1990.  
 Dept.: CO, SC.  
 Elevation: 2100–2150 m.  
 Type: *Kalmbacher s.n.* HT: US. Ecuador.  
 Voucher: *P. Ibisch 93.1537* (LPB, SEL).

**Racinaea pardina** (L.B. Sm.) M.A. Spencer & L.B. Sm., *Phytologia* 74: 155. 1993. Basionym: *Tillandsia pardina* L.B. Sm., *Lilloa* 14: 98. 1948.  
 Dept.: LP, SC.  
 Elevation: 1300–1700 m.  
 Type: *Buchtien 7183*. HT: US. Bolivia.  
 Voucher: *M. Kessler et al. 9871* (LPB, SEL).  
**Endemic.**

**Racinaea parviflora** (Ruiz & Pav.) M.A. Spencer & L.B. Sm., *Phytologia* 74: 156. 1993. Basionym: *Tillandsia*

*parviflora* Ruiz & Pav., Fl. peruv. 3: 41. 1802.  
 Dept.: CO, LP, SC.  
 Elevation: (500–)950–2500 m.  
 Type: *Ruiz & Pavon s.n.* HT: BM. Peru.  
 Voucher: *M. Kessler 11655* (LPB, SEL).

***Racinaea pendulispica*** (Mez) M.A. Spencer & L.B. Sm., Phytologia 74: 156. 1993. Basionym: *Tillandsia pendulispica* Mez, in C. DC., Monogr. phan. 9: 745. 1896.  
 Synonym(s): *Tillandsia triangularis* Rusby, Descr. S. Amer. pl. 3. 1920.  
 Dept.: CO.  
 Elevation: Unknown (> 2500 m?).  
 Type: *Poeppig 1348*. HT: G; IT: W (lost). Peru.  
 Voucher: *M. Bang s.n.* (NY). Cited for Bolivia in Fl. Neotrop. Monogr., 14(2): 1040. 1977.

***Racinaea schumanniana*** (Wittm.) J.R. Grant, Novon 4: 363. 1994. Basionym: *Catopsis schumanniana* Wittm., Bot. Jahrb. Syst. 11: 70. 1890.  
 Dept.: CO, LP.  
 Elevation: 1050–2700 m.  
 Type: *Lehmann 22*. HT: G. Colombia.  
 Voucher: *J. Solomon 9189* (SEL).

***Racinaea seemannii*** (Baker) M.A. Spencer & L.B. Sm., Phytologia 74: 157. 1993. Basionym: *Guzmania seemannii* Baker, Handb. Bromel. 153. 1889.  
 Dept.: CO, LP.  
 Elevation: 2100–3500 m.  
 Type: *Seemann 898*. HT: K. Ecuador.  
 Voucher: *M. Kessler et al. 6648* (LPB, SEL).

***Racinaea spiculosa*** (Griseb.) M.A. Spencer & L.B. Sm., Phytologia 74: 157. 1993. Basionym: *Tillandsia spiculosa* Griseb., Nachr. Königl. Ges. Wiss. Georg-Augusts-Univ. [1]: 17. 1864.  
 Synonym(s): *Tillandsia brittoniana* Baker, Handb. Bromel. 195. 1889; *Tillandsia micrantha* Baker, Bull. Torrey Bot. Club 29: 698. 1902.  
 Dept.: BE, CO, SC, LP.  
 Elevation: 300–2500 m.  
 Type: *A. Fendler 1518*. HT: GOET. Venezuela.  
 Voucher: *M. Kessler et al. 7741* (LPB, SEL).

***Racinaea tetrantha*** (Ruiz & Pav.) M.A. Spencer & L.B. Sm., Phytologia 74: 158. 1993. Basionym: *Tillandsia tetrantha* Ruiz & Pav., Fl. peruv. 3: 39, pl 265. 1802.  
 Dept.: CO, LP.  
 Elevation: 2400–2750 m.  
 Type: *Ruiz & Pavon s.n.* HT: MA. Peru.  
 Voucher: *M. Kessler et al. 10421* (SEL).

#### TILLANDSIA

***Tillandsia acuminata*** L.B. Sm., Contr. U.S. Natl. Herb. 29: 434. 1951.  
 Dept.: CO, LP.  
 Elevation: 2000–2750 m.  
 Type: *M.B. Foster & L.B. Smith 1402*. HT: GH. Colombia.  
 Voucher: *M. Kessler et al. 5565* (LPB, SEL).

***Tillandsia adpressiflora*** Mez, in C. DC., Monogr. phan. 9: 661. 1896.  
 Dept.: SC.  
 Elevation: 200–250 m.  
 Type: *Wullschlaegel 1335*. HT: BM. Suriname.

Voucher: *S. Halloy et al. 4406* (SEL).

**Tillandsia aizoides** Mez, in C. DC., Monogr. phan. 9: 866.1896.

Dept.: PO, TA.

Elevation: 2100–2800 m.

Type: *Hieronymus & Niederlein 850*. HT: B; IT: CORD. Argentina.

Voucher: *H. Hromadnik & L. Hromadnik 5086* (WU).

**Tillandsia argentina** C.H. Wright, Bull. Misc. Inform. Kew 60. 1907.

Dept.: CH, TA.

Elevation: 800–1950 m.

Type: *Stuckert s.n.* HT: K. Argentina.

Voucher: *S. Beck & M. Libermann 14275* (LPB, SEL).

**Tillandsia asplundii** L.B. Sm., Phytologia 6: 441. 1959.

Dept.: CO, LP.

Elevation: 1350–2500 m.

Type: *Asplund 19279*. HT: S; IT: US. Ecuador.

Voucher: *M. Kessler et al. 6975* (LPB, SEL).

**Tillandsia australis** Mez, Repert. Spec. Nov. Regni Veg. 16: 75. 1919.

Synonym(s): *Tillandsia maxima* Lillo & Hauman, Anales Mus. Nac. Hist. Nat. Buenos Aires 29: 245, 416. 1917, non Strangeways, 1882.

Dept.: CH, LP, SC, TA.

Elevation: 800–2100(–3100) m.

Type: *Lorentz & Hieronymus 287*. HT: LIL; IT: B, CORD, US. Argentina.

Voucher: *M. Kessler et al. 4946* (LPB, SEL).

**Tillandsia bandensis** Baker, J. Bot. 25: 234. 1887.

Synonym(s): *Tillandsia pilosa* L.B. Sm., Phytologia 7: 175. 1960.

Dept.: CH, CO, SC, TA.

Elevation: (600–)1200–2200 m.

Type: *Tweedie s.n.* HT: K. Uruguay.

Voucher: *M. Kessler et al. 5914* (LPB, SEL).

**Tillandsia bermejoensis** H. Hromadnik, Trop. Subtrop. Pflanzenwelt 31: 9. 1979.

Dept.: SC.

Elevation: 850–1450 m.

Type: *Hromadnik 3054*. HT: HEID. Bolivia.

Voucher: *D. Cathcart 16* (SEL).

**Endemic.**

**Tillandsia biflora** Ruiz & Pav., Fl. peruv. 3: 41. 1802.

Dept.: CO, LP.

Elevation: 2100–2800 m.

Type: *Ruiz & Pavon s.n.* HT: MA. Peru.

Voucher: *M. Kessler et al. 9556* (LPB, SEL).

**Tillandsia boliviana** Mez, Bull. Herb. Boissier, sér. 2, 4: 1130. 1904.

Dept.: CH?, LP?.

Elevation: 1500?–2730? m.

Type: *Bang 2202*. HT: B; IT: BM, F, G, GH, K, LE, M, MICH, MO, O, US, WU. Bolivia.

Voucher: *M. Kessler et al. 4535* (LPB, SEL). "cf.".

**Endemic.**

**Tillandsia boliviensis** Baker, Mem. Torrey Bot. Club 4(3): 267. 1895; emend. Contr. Gray Herb. 98: 15. 1932.



Dept.: LP.  
 Elevation: 2800–3600 m.  
 Type: *Bang 159 A*. HT: NY. Bolivia.  
 Voucher: *Buchtien 808* (US). Cited in *Fl. Neotrop. Monogr.* 14(2): 769. 1977.  
**Endemic.**

**Tillandsia caliginosa** W. Till, *Pl. Syst. Evol.* 147: 282. 1984. Basionym: *Tillandsia crocata* (E. Morren) Baker var. *tristis* Rauh, *Trop. Subtrop. Pflanzenwelt* 43: 17. 1983, non *T. tristis* Mez 1896.  
 Dept.: CH, CO, PO, TA.  
 Elevation: 1900–3000 m.  
 Type: *D. Muhr s.n.* HT: HEID. Argentina.  
 Voucher: *P. Ibisch & C. Ibisch 93.0329* (LPB, SEL).

**Tillandsia calochlamys** Ehlers & L. Hrom., *Die Bromelie* 2/1998: 38. 1998.  
 Dept.: CO.  
 Elevation: 2800–3550 m.  
 Type: *R. Ehlers EB952403*. HT: LPB. Bolivia.  
 Voucher: *W. Till 158* (WU).  
**Endemic.**

**Tillandsia camargoensis** L. Hrom., *Die Bromelie* 1/1991: 9. 1991.  
 Dept.: CH, PO.  
 Elevation: 2300–3000 m.  
 Type: *Hromadnik 5073 A*. HT: WU. Bolivia.  
 Voucher: *E. Haugg 7023* (WU). in part.  
**Endemic.**

**Tillandsia capillaris** Ruiz & Pav., *Fl. peruv.* 3: 42. 1802.  
 Dept.: CH, CO, LP, OR, PO, SC, TA.  
 Elevation: 900–4000 m.  
 Type: *Ruiz & Pavon s.n.* LT: BM; ILT: BM, MA. Peru.  
 Voucher: *M. Kessler et al. 6502* (LPB, SEL).

**Tillandsia cardenasii** L.B. Sm., *Proc. Amer. Acad. Arts* 70: 154. 1935.  
 Dept.: CH, CO, PO, TA.  
 Elevation: 1700–3400 m.  
 Type: *Cárdenas 491*. HT: GH. Bolivia.  
 Voucher: *M. Kessler et al. 4832* (LPB, SEL).  
**Endemic.**

**Tillandsia carnosa** L.B. Sm., *Phytologia* 9: 251. 1963.  
 Dept.: CO, LP.  
 Elevation: 900–3000 m.  
 Type: *J. Wurdack 603*. HT: US; IT: USM. Peru.  
 Voucher: *M. Kessler et al. 5752* (LPB, SEL).

**Tillandsia caulescens** Brongn. ex Baker, *Handb. Bromel.* 168. 1889.  
 Dept.: LP.  
 Elevation: 850 m.  
 Type: *Gay 1186*. HT: P. Peru.  
 Voucher: *M. Kessler et al. 5808* (LPB, SEL).

**Tillandsia cf. buseri** Mez, *Bull. Herb. Boissier, sér. 2, 3*: 145. 1903.  
 Dept.: LP.  
 Elevation: 2750 m.  
 Type: *Langlassé 102-A*. HT: G; IT: K. Colombia.

Voucher: *M. Kessler et al. 12044* (LPB, SEL).

***Tillandsia cochabambae*** E. Gross & Rauh, *Die Bromelie* 2/86: 14. 1986.

Dept.: CO.

Elevation: 2400–2700 m.

Type: *W. Rauh 40609*. HT: HEID. Bolivia.

Voucher: *M. Kessler et al.* (LPB, SEL).

**Endemic.**

***Tillandsia colganii*** Ehlers, *J. Bromeliad Soc.* 47: 103. 1997.

Dept.: SC.

Elevation: 2700–3200 m.

Type: *R. Ehlers EB 951002*. HT: WU. Bolivia.

Voucher: *R. Ehlers 951101* (WU). Det. R. Ehlers.

**Endemic.**

***Tillandsia comarapaensis*** H. Luther, *J. Bromeliad Soc.* 34: 54. 1984.

Dept.: CH, CO, SC.

Elevation: (400–)1550–2600 m.

Type: *L. Besse et al. 1713*. HT: SEL. Bolivia.

Voucher: *M. Kessler et al. 4605* (LPB, SEL).

**Endemic.**

***Tillandsia compacta*** Griseb., *Nachr. Königl. Ges. Wiss. Georg-Augusts-Univ.* [1]: 18. 1864.

Dept.: CO.

Elevation: 2000 m.

Type: *A. Fendler 1508*. HT: GOET; IT: K. Venezuela.

Voucher: *L. Dorr 7052* (LPB, SEL).

***Tillandsia complanata*** Benth., *Bot. voy. Sulphur* 173. 1846.

Dept.: CO, LP, SC.

Elevation: (300–)1050–2900 m.

Type: *Sinclair s.n.* HT: K. Ecuador.

Voucher: *M. Kessler et al. 7010* (LPB, SEL).

***Tillandsia confinis*** L.B. Sm., *Phytologia* 4: 218. 1953.

Synonym(s): *Tillandsia subtropicalis* L.B. Sm., *Phytologia* 8: 505. 1963.

Dept.: CO, LP, SC.

Elevation: 1300–1600 m.

Type: *Ferreyra 1686*. HT: USM. Peru.

Voucher: *J. Solomon 9253* (LPB, MO, SEL).

***Tillandsia cotagaitensis*** L. Hrom., *Pl. Syst. Evol.* 147: 284. 1984.

Dept.: PO.

Elevation: 3000 m.

Type: *Hromadnik 5093*. HT: WU; IT: LI, NY, WU. Bolivia.

Voucher: *W. Till 42* (WU).

**Endemic.**

***Tillandsia denudata*** André, *Énum. Bromél.* 8. 13 Dec. 1888; *Rev. Hort.* 60: 568. 16 Dec. 1888.

Dept.: LP.

Elevation: 1250 m.

Type: *André 1358*. HT: HEID. Colombia.

Voucher: *M. Kessler et al. 5587* (LPB, SEL).

***Tillandsia didisticha*** (E. Morren) Baker, *J. Bot.* 26: 16. 1888. Basionym: *Anoplophytum didistichum* E. Morren,

Belgique Hort. 31: 164. 1881.

Synonym(s): *Guzmania complanata* Wittm., Meded. Rijks-Herb. 29: 92. 1916.

Dept.: BE, CH, CO, LP, SC, TA.

Elevation: 200–2450 m.

Type: *Jacob Matoy Hortus s.n.* HT: LG. Brazil.

Voucher: *M. Kessler et al. 5584* (LPB, SEL).

**Tillandsia duratii** Visiani, Nuovi. Saggi r. Accad. Sci. Padova 5: 271. 1840.

Synonym(s): *Tillandsia weddellii* Baker, Handb. Bromel. 181. 1889.

Dept.: CH, CO, LP, PO, SC, TA.

Elevation: 400–2250 m.

Type: *Padua Hortus s.n.* HT: PAD.

Voucher: *M. Kessler et al. 5912* (LPB, SEL).

**Tillandsia edithae** Rauh, Trop. Subtrop. Pflanzenwelt 8: 19. 1974.

Dept.: CH, LP, SC.

Elevation: 750–2700 m.

Type: *Krahn K 295*. HT: HEID; IT: US, HAL. Bolivia.

Voucher: *M. Kessler et al. 12314* (LPB, SEL).

**Endemic.**

**Tillandsia engleriana** Wittm., Bot. Jahrb. Syst. 11: 63. 1890.

Dept.: CO, LP, SC.

Elevation: 1700–2500 m.

Type: *Lehmann 520*. HT: G-B. Colombia.

Voucher: *D. Smith 13442* (LPB, MO).

**Tillandsia erici** Ehlers, Die Bromelie 1/1998: 20. 1998.

Dept.: TA.

Elevation: 1800–2200 m.

Type: *E. Haugg & E. Heger 11247*. HT: WU; IT: LPB. Bolivia.

Voucher: Only known from type collection.

**Endemic.**

**Tillandsia fendleri** Griseb., Nachr. Königl. Ges. Wiss. Georg-Augusts-Univ. [1]: 17. 1864.

Dept.: BE, CO, LP, SC.

Elevation: 700–2200(–3000) m.

Type: *A. Fendler 1515*. HT: GOET. Venezuela.

Voucher: *M. Kessler et al. 9868* (LPB, SEL).

**Tillandsia funebris** A. Cast., Anales Mus. Nac. Hist. Nat. Buenos Aires 37: 502. 1933.

Dept.: CH, CO, PO, SC, TA.

Elevation: 400–2100 m.

Type: *Schreiter 1689*. HT: BA; IT: B, GH, LIL. Argentina.

Voucher: *M. Kessler et al. 4710* (LPB, SEL, WU).

**Tillandsia gerdae** Ehlers, Die Bromelie 2/87: 32. 1987.

Dept.: CH, CO.

Elevation: (1700–)2000–2600 m.

Type: *E. Haugg 7163*. HT: WU; IT: WU. Bolivia.

Voucher: *E. Haugg 8283* (WU).

**Endemic.**

**Tillandsia gilliesii** Baker, J. Bot. 16: 240. 1878.

Dept.: CH, CO, PO, TA.

Elevation: 1800–3200 m.

Type: *Gillies s.n.* HT: K; IT: CGE, GH. Argentina.

Voucher: *M. Cárdenas 2418* (GH). Cited for Bolivia in *Fl. Neotrop. Monogr.* 14(2): 885. 1977.

**Tillandsia hasei** Ehlers & L. Hrom., *Die Bromelie* 3/1996: 176. July 1997.

Dept.: CH.

Elevation: 3100 m.

Type: *F. Hase et al. EB 951501*. HT: WU. Bolivia.

Voucher: *L. Hromadnik 19046* (WU).

**Endemic.**

**Tillandsia hegeri** Ehlers, *Die Bromelie* 2/1994: 33. 1994.

Dept.: CH, TA.

Elevation: 270–2750 m.

Type: *E. Heger s.n.* HT: WU. Bolivia.

Voucher: *L. Hromadnik 19028* (WU).

**Endemic.**

**Tillandsia helmutii** L. Hrom., *Die Bromelie* 3/1990: 63. Jan. 1990 [1991].

Dept.: CH.

Elevation: 1700–1800 m.

Type: *L. & H. Hromadnik 13009*. HT: WU; IT: WU. Bolivia.

Voucher: *L. & H. Hromadnik 5028* (WU).

**Endemic.**

**Tillandsia hirta** W. Till & L. Hrom., *Pl. Syst. Evol.* 147: 285. 1984.

Dept.: CH, CO, PO, TA.

Elevation: 2500–3700 m.

Type: *L. & R. Hromadnik HR 5001*. HT: WU; IT: WU. Bolivia.

Voucher: *L. Hromadnik 19092* (WU).

**Tillandsia imporaensis** R. Ehlers, *Die Bromelie* 3/1998: 76. 1998.

Dept.: CH, CO.

Elevation: 3050 m.

Type: *E. Haugg 7078*. HT: WU. Bolivia.

Voucher: *G. Köhres & L. Köhres s.n.* (WU).

**Endemic.**

**Tillandsia ionochroma** André ex Mez, in C. DC., *Monogr. phan.* 9: 801. 1896.

Dept.: CO, LP, SC.

Elevation: 2000–3600 m.

Type: *André 2746*. HT: K; IT: NY. Ecuador.

Voucher: *S. Beck 14469* (LPB, SEL).

**Tillandsia ixioides** Griseb., *Abh. Königl. Ges. Wiss. Göttingen* 24: 333. 1879.

Dept.: CH, TA.

Elevation: 1700–2200 m.

Type: *Lorentz 1196*. HT: B; IT: BM, G-B, GOET, K, M, US. Argentina.

Voucher: *M. Cárdenas 4093* (GH, US). Cited for Bolivia in *Fl. Neotrop. Monogr.* 14(2): 821. 1977.

**Tillandsia jucunda** A. Cast., *Anales Mus. Nac. Hist. Nat. Buenos Aires* 36: 56. 1929.

Dept.: CH.

Elevation: 2300–2700 m.

Type: *Schreiter 26/2367*. HT: BA. Argentina.

Voucher: *W. Till 20* (WU).

**Tillandsia juncea** (Ruiz & Pav.) Poir., *Encycl. suppl.* 5: 309. 1817. Basionym: *Bonapartea juncea* Ruiz & Pav., *Fl.*

peruv. 3: 38. 1802.  
 Dept.: BE, CO, LP, PA, SC.  
 Elevation: 800–1400(–2000) m.  
 Type: *Ruiz & Pavon s.n.* HT: MA. Peru.  
 Voucher: *M. Kessler et al. 5595* (LPB, SEL).

**Tillandsia kessleri** H. Luther, *Selbyana* 20: 10. 1999.  
 Dept.: CO.  
 Elevation: 2600–2900 m.  
 Type: *M. Kessler et al. 9557*. HT: SEL; IT: LPB. Bolivia.  
 Voucher: *M. Kessler et al. 9557* (LPB, SEL).  
**Endemic.**

**Tillandsia koehresiana** Ehlers, *Die Bromelie* 3/1990: 59. 1990 [Jan. 1991].  
 Dept.: CO, PO.  
 Elevation: 2000–2750 m.  
 Type: *Köhres s.n.* HT: WU; IT: WU. Bolivia.  
 Voucher: *P. Ibisch 216* (LPB, SEL).  
**Endemic.**

**Tillandsia krukoffiana** L.B. Sm., *Contr. Gray Herb.* 154: 36. 1945.  
 Dept.: BE, CO, LP, SC?.  
 Elevation: 850–2200(–2700) m.  
 Type: *B. Krukoff 10503*. HT: GH; IT: K, MICH, NY, S. Bolivia.  
 Voucher: *M. Kessler et al. 4495* (LPB, SEL).  
**Endemic.**

**Tillandsia kuehhasii** W. Till, *Die Bromelie* 2/1995: 33. 1995.  
 Dept.: CH, PO?.  
 Elevation: 3600 m.  
 Type: *E. Kirschnek & F. Kuehhas s.n.* HT: WU; IT: WU. Bolivia.  
 Voucher: *R. Ehlers 950601* (WU).  
**Endemic.**

**Tillandsia kuntzeana** Mez, in C. DC., *Monogr. phan.* 9: 790. 1896.  
 Dept.: CO, LP?.  
 Elevation: 1300–2100(–3050) m.  
 Type: *Kuntze s.n.* HT: NY. Bolivia.  
 Voucher: *M. Kessler et al. 6675* (LPB, SEL).  
**Endemic.**

**Tillandsia laxissima** Mez, *Bull. Herb. Boissier, sér. 2, 5*: 108. 1905.  
 Dept.: SC, LP.  
 Elevation: 1250–1300 m.  
 Type: *Bang 2301* (in part). HT: B; IT: G, GH, LE, M, MO, NY, PH, US, W, WU. Bolivia.  
 Voucher: *M. Kessler 4064* (LPB).  
**Endemic.**

**Tillandsia loliacea** Mart. ex Schult. & Schult.f., in Roem. & Schult., *Syst. veg.* 7(2): 1204. 1830.  
 Dept.: CH, CO, LP, SC, TA.  
 Elevation: 200–1400(–2200) m.  
 Type: *C. Martius s.n.* HT: M. Brazil.  
 Voucher: *M. Kessler et al. 5197* (LPB, SEL).

**Tillandsia longifolia** Baker, *Handb. Bromel.* 185. 1889.  
 Dept.: CO, SC?.

Elevation: 2000–2100(–2600) m.  
 Type: *A. Fendler 1522*. HT: K; IT: GH. Venezuela.  
 Voucher: *P. Ibisch & C. Ibisch 93.1628* (SEL).

**Tillandsia lorentziana** Griseb., *Abh. Königl. Ges. Wiss. Göttingen* 19: 271. 1874.  
 Synonym(s): *Tillandsia lorentziana* f. *simplex* O. Kuntze, *Revis. gen. pl.* 3(2): 304. 1898.  
 Dept.: CH, CO, LP, PO, SC, TA.  
 Elevation: 350–3300 m.  
 Type: *Lorentz 69*. HT: B; IT: CORD. Argentina.  
 Voucher: *P. Ibisch & C. Ibisch 93.0208* (LPB, SEL).

**Tillandsia lotteae** H. Hrom., *J. Bromeliad Soc.* 28: 263. 1978.  
 Dept.: CH, CO, PO, SC.  
 Elevation: (900–)1550–2900 m.  
 Type: *H. Hromadnik PB 77*. HT: HEID; IT: HAL. Bolivia.  
 Voucher: *M. Kessler et al. 4715* (LPB, SEL).  
**Endemic.**

**Tillandsia mandonii** E. Morren ex Mez, in C. DC., *Monogr. phan.* 9: 871. 1896.  
 Dept.: LP, TA.  
 Elevation: 1400–2650 m.  
 Type: *Mandon 1180*. LT: not selected; ILT: BM, GH, K, PL, S, W. Bolivia.  
 Voucher: *W. Till 73* (WU).

**Tillandsia mollis** H. Hrom. & W. Till, *Pl. Syst. Evol.* 142: 123. 1983.  
 Dept.: TA.  
 Elevation: 2700 m.  
 Type: *H. Hromadnik 9088*. HT: WU; IT: B, HAL, K, LI, NY, W, WU. Bolivia.  
 Voucher: *E. Heger s.n.* (WU).  
**Endemic.**

**Tillandsia muhriae** W. Weber, *Feddes Repert.* 97: 101. 1986.  
 Synonym(s): *Tillandsia alberi* Ehlers, *Die Bromelie* 4/87: 55. 1987.  
 Dept.: PO.  
 Elevation: 2650–3400 m.  
 Type: *Muhr s.n.* HT: HAL. Argentina.  
 Voucher: *E. Haugg 7029* (WU).

**Tillandsia myosura** Griseb. ex Baker, *J. Bot.* 16: 240. 1878.  
 Dept.: CH, CO, PO, TA.  
 Elevation: 1900–3200 m.  
 Type: *Lorentz 122*. HT: BM; IT: B, NY. Argentina.  
 Voucher: *S. Beck & M. Libermann 14268* (LPB, SEL).

**Tillandsia nana** Baker, *Handb. Bromel.* 172. 1889.  
 Synonym(s): *Tillandsia calocephala* Wittm., *Meded. Rijks-Herb.* 29: 90. 1916.  
 Dept.: CO, LP.  
 Elevation: 3150 m.  
 Type: *Gay s.n.* HT: P. Peru.  
 Voucher: *Shepard 234* (GH, US). cited for Bolivia in *Fl. Neotrop. Monogr.* 14(2): 807. 1977.

**Tillandsia oropezana** L. Hrom., *Die Bromelie* 1/89: 14. 1989.  
 Dept.: CH.  
 Elevation: 1800 m.  
 Type: *H. Hromadnik 9012*. HT: WU; IT: WU. Bolivia.  
 Voucher: Only known from type collection.

**Endemic.**

**Tillandsia paleacea** C. Presl, Reliq haenk. 1(2): 125. 1827.

Synonym(s): *Tillandsia scalarifolia* Baker, J. Bot. 25: 235. 1887.

Dept.: LP.

Elevation: 2600 m.

Type: *Haenke s.n.* HT: PR. Chile.

Voucher: *Julio 158* (BM, US). Cited for Bolivia in: Fl. Neotrop. Monogr. 14(2): 863. 1977.

**Tillandsia paraensis** Mez, in Mart., Fl. bras. 3(3): 586. 1894.

Dept.: LP, PA, SC.

Elevation: 150–900 m.

Type: *Sieber 68*. HT: BM. Brazil.

Voucher: *T. Krömer & A. Acebey 187* (LPB, SEL).

**Tillandsia pedicellata** (Mez) A. Cast., Lilloa 11: 144. 1945. Basionym: *Tillandsia coarctata* Gillies ex Baker var. *pedicellata* Mez, in C. DC., Monogr. phan. 9: 865. 1896.

Dept.: CH, LP, TA.

Elevation: 2200–3000 m.

Type: *Hieronimus 795*. LT: B; ILT: BM, CORD, GH, GOET. Argentina.

Voucher: *B. Holst et al. 4958* (USZ).

**Tillandsia platyrachis** Mez, in C. DC., Monogr. phan. 9: 848. 1896.

Dept.: LP.

Elevation: 900 m.

Type: *Kalbreyer 1328*. HT: K. Colombia.

Voucher: *T. Krömer et al. 199* (GOET, LPB, SEL).

**Tillandsia pohliana** Mez, in Mart., Fl. bras. 3(3): 597. 1894.

Dept.: BE, CH, LP, SC.

Elevation: 250–1700 m.

Type: *Pohl 3658*. HT: W (lost). Brazil.

Voucher: *M. Kessler et al. 4845* (LPB, SEL).

**Tillandsia polystachia** (L.) L., Sp. pl. (ed. 2) 1: 410. 1762. Basionym: *Renealmia polystachia* L., Sp. pl. 1: 286. 1753.

Dept.: BE, LP, SC.

Elevation: 250–1200 m.

Type: *Plumier s.n.* HT: P. West Indies.

Voucher: *M. Kessler et al. 4157* (LPB, SEL).

**Tillandsia pseudocardenasii** W. Weber, Feddes Repert. 97: 103. 1986.

Dept.: LP, SC.

Elevation: 2300 m.

Type: *H. Hromadnik & L. Hromadnik 5323*. HT: HAL; IT: WU. Bolivia.

Voucher: *K. Uhlig s.n.* (WU).

**Endemic.**

**Tillandsia pyramidata** André, Bromel. Andr. 86. 1889; emend. Rauh, Trop. Subtrop. 3: 15. 1973.

Dept.: LP.

Elevation: 2400 m.

Type: *André 1522*. HT: K. Colombia.

Voucher: *S. Beck 3142* (LPB). Det. L.B. Sm.

**Tillandsia rauschii** Rauh & Lehmann, Trop. Subtrop. Pflanzenwelt 21: 41. 1977.

Dept.: CH?.

Elevation: 2500? m.

Type: *Bot. Garten Heidelberg 31623* (= *Rausch s.n.*). HT: HEID; IT: LPB, WU. Bolivia.

Voucher: Only known from type collection, without specific locality.

**Endemic.**

**Tillandsia rectangula** Baker, *J. Bot.* 16: 238. 1878.

Dept.: TA.

Elevation: 500–2100 m.

Type: *Lorentz 127*. HT: K. Argentina.

Voucher: *E. Bastian 1295* (LPB).

**Tillandsia recurvata** (L.) L., *Sp. pl.* (ed. 2) 1: 410. 1762. Basionym: *Renealmia recurvata* L., *Sp. pl.* 1: 287. 1753.

Synonym(s): *Tillandsia recurvata* f. *brevifolia* André, *Bromel. Andr.* 65. 1889.

Dept.: BE, CH, CO, LP, SC, TA.

Elevation: 200–3100 m.

Type: *Sloane s.n.* HT: BM; IT: B, GOET, M, P. Jamaica.

Voucher: *M. Kessler et al. 6050* (LPB, SEL).

**Tillandsia recurvifolia** Hook., *Bot. Mag.* 87: pl. 5246. 1861.

Synonym(s): *Tillandsia meridionalis* auct. non Baker: sensu Smith & Downs, *Fl. Neotrop. Monogr.* 14(2): 820. 1977.

Dept.: CH, SC, TA.

Elevation: 1200–1550 m.

Type: Original description and plate.

Voucher: *W. Till 156* (WU).

**Tillandsia recurvispica** L. Hrom. & P. Schneid., *Die Bromelie* 1/87: 1. 1987.

Dept.: CO.

Elevation: 2500–2600 m.

Type: *H. Hromadnik & L. Hromadnik 3007*. HT: WU; IT: LPB, WU. Bolivia.

Voucher: *H. Hromadnik & L. Hromadnik 5330* (WU).

**Endemic.**

**Tillandsia reichenbachii** Baker, *Handb. Bromel.* 166. 1889.

Synonym(s): *Tillandsia herzogii* Wittm., *Meded. Rijks-Herb.* 29: 89. 1916.

Dept.: CH, CO, SC, TA.

Elevation: 200–2500 m.

Type: Reichenbach icon; with no specific locality. (K).

Voucher: *R. Martinez 591* (LPB, SEL).

**Tillandsia rhomboidea** André, *Énum. Bromél.* 6. 13 Dec. 1888; *Rev. Hort.* 60: 566. 16 Dec. 1888.

Dept.: BE.

Elevation: 700–800 m.

Type: *André 2745*. LT: K; IT: NY. Colombia.

Voucher: *S. Beck 1732* (US).

**Tillandsia rubella** Baker, *J. Bot.* 26: 44. 1888.

Dept.: CO, LP, SC.

Elevation: 1800–3000 m.

Type: *Mandon 1187*. HT: K; IT: GH, P. Bolivia.

Voucher: *M. Kessler et al. 4496* (LPB, SEL).

**Tillandsia rusbyi** Baker, *Handb. Bromel.* 176. 1889.

Dept.: LP, SC.

Elevation: 850–1800 m.

Type: *H. Rusby 2163*. HT: NY. Bolivia.



Voucher: *T. Krömer & A. Acebey 183* (LPB, SEL).

**Tillandsia samaipatensis** W. Till, *Die Bromelie* 2/1996: 36. Feb. 1997.

Dept.: LP, SC.

Elevation: 850–1350 m.

Type: *W. Till 149/2*. HT: LPB; IT: SEL, WU. Bolivia.

Voucher: *M. Kessler et al. 4112* (LPB, SEL).

**Endemic.**

**Tillandsia schreiteri** Lillo & A. Cast., *Anales Mus. Nac. Hist. Nat. Buenos Aires* 36: 56. 1929.

Dept.: TA.

Elevation: 1800 m.

Type: *Schreiter s.n.* HT: BA. Argentina.

Voucher: *H. Hromadnik 9099* (WU).

**Tillandsia sphaerocephala** Baker, *J. Bot.* 26: 141. 1888.

Dept.: CH, CO, LP, SC, TA.

Elevation: 1400–3750 m.

Type: *Mandon 1188*. HT: K; IT: G. Bolivia.

Voucher: *M. Kessler et al. 5525* (LPB, SEL).

**Tillandsia spiralipectala** Gouda, *J. Bromeliad Soc.* 36: 165. 1986. Basionym: *Tillandsia tricholepis* Baker var. *macrophylla* L.B. Sm., *Lilloa* 14: 98. 1948.

Dept.: CH, LP, SC.

Elevation: 350–1450(–2300) m.

Type: *Buchtien 1270*. HT: US; IT: E. Bolivia.

Voucher: *M. Kessler et al. 4059* (LPB).

**Tillandsia stenoura** Harms, *Notizbl. Bot. Gart. Berlin-Dahlem* 12: 537. 1935.

Dept.: CO.

Elevation: 2100–2900 m.

Type: *Diels 558*. HT: B. Ecuador.

Voucher: *P. Ibisch & C. Ibisch 93.0098* (SEL).

**Tillandsia streptocarpa** Baker, *J. Bot.* 25: 241. 1887.

Dept.: CO, CH, LP, PO, SC.

Elevation: 400–2700 m.

Type: *Balansa 615*. HT: K; IT: P, S. Paraguay.

Voucher: *M. Kessler et al. 4800* (LPB, SEL).

**Tillandsia superba** Mez & Sodiro, *Bull. Herb. Boissier, sér. 2, 4*: 1132. 1904.

Dept.: CO, LP.

Elevation: 2350–3250 m.

Type: *Sodiro 37-D*. HT: B. Ecuador.

Voucher: *R. Seidel 7015* (LPB, SEL).

**Tillandsia tenuifolia** L., *Sp. pl.* 1: 286. 1753.

Dept.: CH, CO, LP, SC, TA.

Elevation: 450–2800 m.

Type: *Royen s.n.* HT: L. Country unknown.

Voucher: *R. Seidel 7011* (LPB, SEL).

**Tillandsia towarensis** Mez, in *C. DC., Monogr. phan.* 9: 769. 1896.

Dept.: CO, LP.

Elevation: 2250–2700 m.

Type: *A. Fendler 2446*. HT: GOET. Venezuela.

Voucher: *M. Kessler et al.* 9677 (LPB, SEL).

**Tillandsia tricholepis** Baker, J. Bot. 16: 237. 1878.

Dept.: BE, CH, CO, LP, SC, TA.

Elevation: 200–2600 m.

Type: *Mandon 1179 in part.* HT: K; IT: BM, NY, P, S. Bolivia.

Voucher: *S. Beck 3200* (LPB, SEL). Det. L.B. Sm.

**Tillandsia usneoides** (L.) L., Sp. pl. (ed. 2) 1: 411. 1762. Basionym: *Renealmia usneoides* L., Sp. pl. 1: 287. 1753.

Dept.: CH, CO, LP, SC, TA.

Elevation: 1100–3800 m.

Type: *Anonymous in Clifford Herbarium s.n.* LT: BM. Jamaica.

Voucher: *M. Kessler et al.* 4902 (LPB, SEL).

**Tillandsia variabilis** Schlttdl., Linnaea 18: 418. 1844.

Synonym(s): *Tillandsia valenzuelana* A. Rich. in Sagra, Hist. fis. Cuba, Bot. 11: 267. 1850.

Dept.: CO, LP, SC.

Elevation: 700–2200 m.

Type: *Schiede s.n.* LT: HAL; ILT: HAL. Mexico.

Voucher: *S. Beck 12613* (LPB, SEL).

**Tillandsia vernicosa** Baker, J. Bot. 25: 241. 1887.

Dept.: CH, CO, LP, SC, TA.

Elevation: 200–2400 m.

Type: *Christie s.n.* HT: K. Argentina.

Voucher: *M. Kessler et al.* 4512 (LPB, SEL).

**Tillandsia violascens** Mez, in C. DC., Monogr. phan. 9: 797. 1896.

Dept.: CO, LP, SC.

Elevation: 1800–3500 m.

Type: *Mandon 1174 in part.* HT: P; IT: BM. Bolivia.

Voucher: *M. Kessler et al.* 9025 (LPB, SEL).

**Tillandsia virescens** Ruiz & Pav., Fl. Peruv. 3: 43. 1802.

Synonym(s): *Tillandsia capillaris* f. *virescens* (Ruiz & Pavon) L.B. Sm., Proc. Amer. Acad. Arts 70: 212. 1935.

Dept.: CH, CO, LP, PO, SC, TA.

Elevation: 1300–4000 m.

Type: *Ruiz & Pavon s.n.* LT: BM. Peru.

Voucher: *M. Kessler et al.* 5911 (LPB, SEL).

**Tillandsia walter-richteri** W. Weber, J. Bromeliad Soc. 34: 102. 1984.

Dept.: TA.

Elevation: 1800 m.

Type: *H. Hromadnik & E. Hromadnik 5142.* HT: HAL; IT: WU. Bolivia.

Voucher: Only known from type collection.

**Endemic.**

**Tillandsia walteri** Mez, Repert. Spec. Nov. Regni Veg. 3: 43. 1906.

Dept.: CO, LP.

Elevation: 2500–3000 m.

Type: *Weberbauer 4319.* HT: B. Peru.

Voucher: *M. Kessler et al.* 12509 (LPB, SEL).

**Tillandsia xiphioides** Ker-Gawler, Bot. Reg. 2: pl. 105. 1816.

Dept.: CH, CO, LP, PO, TA.

Elevation: 800–3200 m.

Type: Original description and plate.

Voucher: *M. Cárdenas 93* (GH, SI).

**Tillandsia yuncharaensis** W. Till, J. Bromeliad Soc. 40: 214. 1990.

Dept.: TA.

Elevation: 3000 m.

Type: *W. Till et al. sub WT 55*. HT: WU. Bolivia.

Voucher: Only known from type collection.

**Endemic.**

**Tillandsia sp. 1.**

Synonym(s): *Tillandsia bryoides* auct. non Griseb. ex Baker: Smith and Downs, Fl. Neotrop. Monogr. 14: 879. 1977; Brako and Zarucchi, Monogr. Syst. Bot. Missouri Bot. Gard. 45: 250. 1993; Zuloaga and Morrone, Monogr. Syst. Bot. Missouri Bot. Gard. 60: 114. 1996.

*Tillandsia bryoides* Grisebach, Abh. Königl. Ges. Wiss. Göttingen 24: 334. 1879, in part; *Tillandsia coarctata* Gillies ex Mez, in C. DC., Monogr. phan. 9: 865. 1896, in part.

Dept.: CH, CO, LP, OR, PO, SC, TA.

Elevation: (400–)1200–3000 m.

Voucher: *M. Cárdenas 3309* (GH).

Note: This taxon has often been identified as *Tillandsia bryoides*, but appears to be a fairly widespread, undescribed species.

#### VRIESEA

**Vriesea cf. chrysostachys** E. Morren, Belgique Hort. 31: 87. 1881.

Dept.: LP.

Elevation: 900 m.

Type: *Davis in Hort. Veitch s.n.* HT: LG. Peru.

Voucher: *M. Kessler et al. 10146* (LPB, SEL). "cf.".

**Vriesea chontalensis** (Baker) L.B. Sm., Contr. U.S. Natl. Herb. 29: 518. 1951. Basionym: *Tillandsia chontalensis* Baker, J. Bot. 25: 237. 1887.

Dept.: LP.

Elevation: 1300 m.

Type: *R. Tate 413*. HT: BM. Nicaragua.

Voucher: *M. Kessler et al. 9872* (LPB).

**Vriesea friburgensis** Mez, in Mart., Fl. bras. 3(3): 537. 1894.

Dept.: CH, SC, TA.

Elevation: 500–1350 m.

Type: *Glaziou 16467*. HT: K; IT: C, LE, P. Brazil.

Voucher: *B. Holst et al. 4887* (SEL, USZ).

**Vriesea heliconioides** (Kunth) Hook. ex Walp., Ann. Bot. Syst. 3: 623. 1852. Basionym: *Tillandsia heliconioides* Kunth, Nov. gen. sp. 1: 293. 1816.

Dept.: BE, LP, SC.

Elevation: 200–500 m.

Type: *Humboldt & Bonpland s.n.* HT: P. Colombia.

Voucher: *J. Solomon 6431* (LPB, SEL).

**Vriesea heterandra** (André) L.B. Sm., Contr. U.S. Natl. Herb. 29: 443. 1951. Basionym: *Tillandsia heterandra* André, Énum. Bromél. 7. 13 Dec. 1888; Rev. Hort. 60: 567. 16 Dec. 1888.

Dept.: LP, SC, TA.

Elevation: 600–1550 m.

Type: *André 1213*. HT: K. Colombia.

Voucher: *M. Kessler 9875* (LPB, SEL).

**Vriesea incurva** (Griseb.) Read, *Phytologia* 16: 458. 1968. Basionym: *Tillandsia incurva* Griseb., *Nachr. Königl. Ges. Wiss. Georg-Augusts-Univ.* [1]: 15. 1864.  
 Dept.: BE?, LP.  
 Elevation: 700–950 m.  
 Type: A. Fendler 1524. HT: GOET; IT: GH. Venezuela.  
 Voucher: *Buchtien 373* (US). Cited for Bolivia in *Fl. Neotrop. Monogr.* 14 (2): 1251. 1977.

**Vriesea maxoniana** (L.B. Sm.) L.B. Sm., *Phytologia* 6: 441. 1959. Basionym: *Tillandsia maxoniana* L.B. Sm., *Contr. Gray Herb.* 124: 11. 1939.  
 Dept.: CH, LP, SC, TA.  
 Elevation: 500–1550 m.  
 Type: *Buchtien 4538*. HT: US. Bolivia.  
 Voucher: *B. Holst et al. 4801* (USZ, SEL).

**Vriesea platynema** Gaudich., *Voy. Bonite, Bot.* pl. 66. 1843.  
 Dept.: LP.  
 Elevation: 1050 m.  
 Type: *Gaudichaud s.n.* HT: P. Brazil.  
 Voucher: *M. Kessler et al. 10196* (LPB, SEL).

**Vriesea rubra** (Ruiz & Pav.) Beer, *Fam. Bromel.* 98. 1856. Basionym: *Tillandsia rubra* Ruiz & Pav., *Fl. peruv.* 3: 40, pl. 266. 1802.  
 Dept.: BE, LP.  
 Elevation: 450–850 m.  
 Type: *Ruiz & Pavon s.n.* HT: MA. Peru.  
 Voucher: *T. Krömer et al. 1* (LPB, SEL).

#### WERAUHIA

**Werauhia boliviana** H. Luther, *Selbyana* 19: 218. 1998 [1999].  
 Dept.: LP.  
 Elevation: 950 m.  
 Type: *M. Kessler 3907*. HT: SEL; IT: LPB. Bolivia.  
 Voucher: Only known from type collection.

#### Endemic.

**Werauhia gladioliflora** (H. Wendl.) J.R. Grant, *Trop. Subtrop. Pflanzenwelt* 91: 31. 1995. Basionym: *Tillandsia gladioliflora* Wendl., *Hamburger Garten-Blumenzeitung* 19: 31. 1863.  
 Dept.: CO, LP.  
 Elevation: 350–1300 m.  
 Type: *Wendland in Herrenhausen Hortus s.n.* HT: HBG?. Costa Rica.  
 Voucher: *M. Kessler 9874 et al.* (LPB, SEL).

**Werauhia sanguinolenta** (Linden ex Cogn. & Marchal) J.R. Grant, *Trop. Subtrop. Pflanzenwelt* 91: 35. 1995.  
 Basionym: *Vriesea sanguinolenta* Linden ex Cogn. & Marchal, *Pl. ornem.* 2: pl. 52. 1874.  
 Dept.: SC.  
 Elevation: ca. 400 m.  
 Type: *E. Morren in Liège Hortus s.n.* CT?: LG. Costa Rica.  
 Voucher: *M. Kessler et al. 8642* (LPB, SEL).