

# Catalogue des spécimens types de l'Herbier de plantes vasculaires (DAO)

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*Aaronsohnia factorovskyi* Warb. & Eig., Inst. of Agr. & Nat. Hist. Tel-Aviv, 40 p. 1927  
 PALESTINE: Judean Desert, Hirbeth-el-Mird, *Eig et al*, 3 Apr. 1932, TOPOTYPE

*Abelia serrata* Sieb. & Zucc. f. *colorata* Hiyama, Publication unknown  
 JAPAN: Mt. Rokko, Hondo, *T. Makino*, May 1936, ? TYPE COLLECTION MATERIAL

*Abies balsamea* L. var. *phanerolepis* Fern. f. *aurayana* Boivin  
 CANADA: Quebec, canton Leclercq, *Boivin & Blain 614*, 16 ou 20 août 1938, PARATYPE

*Abies balsamea* (L.) Mill. var. *phanerolepis* Fern. f. *aurayana* Boivin, Nat. can. 75: 216. 1948  
 CANADA: Quebec, Mont Blanc, *Boivin & Blain 473*, 5 août 1938, HOLOTYPE, ISOTYPE

*Abronia orbiculata* Stand., Contrib. U.S. Nat. Herb. 12: 322. 1909  
 U.S.A.: Nevada, Clark Co., Cottonwood Springs, *I.W. Clokey 7920*, 24 May 1938, TOPOTYPE

*Absinthium canariense* Bess., Bull. Soc. Imp. Mosc. 1(8): 229-230. 1929  
 CANARY ISLANDS: Tenerife, Santa Ursula, La Quinta, *E. Asplund 722*, 10 Apr. 1933,  
 TOPOTYPE

*Acacia parramattensis* Tindale, Contrib. N.S. Wales Nat. Herb. 3: 127. 1962  
 AUSTRALIA: New South Wales, Kanimbla Valley, Blue Mountains, *E.F. Constable  
 NSW42284*, 2 Feb. 1948, TOPOTYPE

*Acacia pubicosta* C.T. White, Proc. Roy. Soc. Queensl. 1938 L: 73. 1939  
 AUSTRALIA: Queensland, Burnett District, Biggenden Bluff, *C.T. White 7722*, 17 Aug. 1931,  
 ISOTYPE

*Acalypha decaryana* Leandri, Not. Syst.ed. Humbert 10: 284. 1942  
 MADAGASCAR: Betsimeda, *M.R. Decary 9079*, July, PARATYPE

*Acantholinum gisalae* Bornm. in Fedde Repert. 41: 342. 1937  
 IRAN: Kazvin, Halkedar ad Mardabad prope Keredj, *K.H. & F. Rechingher 6838*, 31 Aug. 1948,  
 TOPOTYPE

*Acanthomintha lanceolata* Curran, Bull. Calif. Acad. 1: 13. 1884  
 U.S.A.: California, Monterey Co., *M.K. Curran*, June 1885, TOPOTYPE

*Acer leucoderme* Small, Bull. Torrey Bot. Club 22: 367-368. 1895  
 U.S.A.: Georgia, Yellow River, near Stone Mt., *A.H. Curtiss 6465*, 1 June & 15 Aug. 1899,  
 TOPOTYPE

*Acer miyabei* Maxim. Bot. Mag. Tokyo 51: 365. 1937  
 JAPAN: Honshu, Kawakami in Shinano, *M. Togasi 1069*, 27 Aug. 1954, TOPOTYPE

*Acer mono* Maxim. var. *mabiguum* Rehder f. *makinoi* Hiyama, Publication unknown  
JAPAN: Tokyo Pref., Asakawa, Hachioji City, *T. Makino*, 12 May 1940, ? TYPE  
COLLECTION MATERIAL

*Acer mono* Maxim. var. *marmoratum* Hara f. *pilosulum* Hiyama, Publication unknown  
JAPAN: Tochigi Pref., Nikko, Nikko City, *T. Makino*, Oct. 1901, ? TYPE COLLECTION  
MATERIAL

*Acer negundo* L. var. *interius* (Britton) Sarg. f. *loevorum* Boivin, Nat. can. 93: 962. 1966  
CANADA: Manitoba, 3 mls. W of Delta, *A. & D. Löve 5330*, 24 May 1952, HOLOTYPE

*Acer negundo* L. f. *sanguineum* Martin, Can. Field-Nat. 63(5): 213. 1949  
CANADA: Ontario, Carleton Co., March Twp., 1 mi. west of Ottawa, on Highway 17, *W.G.  
Dore 9802*, 31 May 1949, HOLOTYPE

*Acer negundo* L. var. *interius* (Britton) Sarg. f. *loveorum* Boivin  
CANADA: Prince Edward Island, Kings County, Montague, *Dore & Gorham 45,298*, 25 June  
1945, PARATYPE; Manitoba, Macdonald District, Carman, *Boivin et al. 9184*, 7 June 1952,  
PARATYPE; 6 milles à l'est de Roseisle, *B. Boivin 13390*, 31 mai 1960, PARATYPE; Springfield  
District, 5 miles north of Beauséjour, *Dore & Lindsay 10932*, 21 June 1950, PARATYPE; Alberta,  
cultivated in town, Lac La Biche, *Cody & Gutteridge 6889*, 23 June 1953, PARATYPE

*Acer negundo* L. var. *violaceum* (Kirchner) Jaeger f. *dorei* Boivin, Nat. Can. 93(6): 900-961. 1966  
CANADA: Quebec, Nicolet, *Frère Allyre 2696*, 17 May 1949, PARATYPE; Ontario, Prescott  
County, Plantagenet, *W.G. Dore 13705*, 24 May 1952, HOLOTYPE; Ottawa, *J. Macoun 543*, 29  
May 1905, PARATYPE; Stormont County, Cornwall Twp., Sheek Island, *J.M. Gillett 8431*, 27 May  
1954, PARATYPE; Manitoba, Dufferin, Red River Bank, *T.T.W. Burgess s.n.*, 6 June 1873,  
PARATYPE; along Little Souris River, 5 miles south of Brandon, *Dore & Breitung 10672*,  
PARATYPE  
U.S.A.: Idaho, Nez Perces County, about Lewiston, *A.A. & E.G. Heller 3082*, 18 May 1896,  
PARATYPE; Minnesota, 20-21 Ave. Fourth St., Duluth, *O. Lakela 8105*, 26 May 1949,  
PARATYPE; Hunters Hill Woods, Woodland Ave., Duluth, *O. Lakela 10447*, 14 June 1950,  
PARATYPE

*Acer palmatum* Thunb. ssp. *amoenum* Hara f. *hakonense* Hiyama, Publication unknown  
JAPAN: Kanagawa Pref, Yumoto, Hakone-machi, Ashigarashimo-gun, *T. Makino*, 11 Sept.  
1944, ? TYPE COLLECTION MATERIAL

*Acer palmatum* Thunb. f. *latialatum* Hiyama, Publication unknown  
JAPAN: Shizuoka Pref., Atami, Atami City, *T. Makino*, 23 Nov. 1941, ? TYPE COLLECTION  
MATERIAL

*Acer pseudoplatanthus* L. ssp. *borbasii* Blonski f. *connivens* Blonski

U.S.S.R.: Ukraine, Distr. Lipowiec, gub. Krowiens, Oczaretna, *F. Blonski s.n.* 8/7 1903, TYPE  
COLLECTION MATERIAL

*Acer pseudoplatanus* L. ssp. *borbasii* Blonski f. *rhodopterum* Blonski, Magyar bot. lapok 83.  
1903

U.S.S.R.: Ukraine, distr. Lipowiec, gub. Kioviens, Pliskow, *Dr. Fr. Blonski*, 21 May, 10 July  
1903, ISOTYPE

*Acer shibatai* Nakai, Bot. Mag. Tokyo 51: 365. 1937

JAPAN: Honshu, Kawakami in Shinano, *M. Togasi*, 27 Aug. 1954, TOPOTYPE

*Achaetogeron versicolor* Greenm., Proc. Amer. Acad. 41: 255. 1905

MEXICO: Hidalgo near Buena Vista Station, *C.G. Pringle 8849*, 7 Aug. 1904, ISOTYPE

*Acanthophyllum khorasanicum* Rech. f., Fedde, Repert. 48: 43. 1940

IRAN: Khorasan, inter Meshhed et Djenaran, *K.H. & F. Rechinger 4754*, 2 June 1948,  
TOPOTYPE

*Acalypha asterifolia* Rusby, Descriptions of Three Hundred New Species of South American  
Plants, pp. 48-49. 1920

COLOMBIA: Santa Marta, *H.H. Smith 429* (1898-1901), ? ISOTYPE

*Acalypha salicioides* Rusby, Descriptions of Three Hundred New Species of South American  
Plants, pp. 46. 1920

COLOMBIA: Santa Marta, *H.H. Smith 1428* (1898-1901), ? ISOTYPE

*Achillea lingulata* Waldst. & Kit., Descr. et Icon pl. rar. Hung. I p. 2, tab 2, 1802, recte 1799

HUNGARY: Szatmar, montis Rozsaly supra Nagybanya, *S. Javorka* (Fl. Hung. ex. 581), 21 June  
1913, TOPOTYPE

*Achillea millefolium* L. ssp. *atrotegula* Boivin, Can. Field-Nat. 65(1): 10-11. 1951

CANADA: Quebec, Fort Chimo area, mouth of small creek emptying into Koksoak River, *J.A.  
Calder 2231*, 1 Aug. 1948, HOLOTYPE

*Achillea millefolium* L. ssp. *atrotegula* Boivin var. *fulva* Boivin, Can. Field-Nat. 65(1): 11-12.  
1951

CANADA: British Columbia, Vancouver Island, Mt. Arrowsmith, *Anderson & Fletcher*, 7 Aug.  
1901, HOLOTYPE

*Achillea millefolium* L. ssp. *atrotegula* Boivin var. *fulva* Boivin f. *roseiflora* Boivin, Can.  
Field-Nat. 65(1): 12. 1951

CANADA: Quebec, Saguenay Co., Harrington Harbour, *Wood & Thompson 3*, 18 Aug. 1940,  
HOLOTYPE

*Achillea millefolium* L. ssp. *atrotegula* Boivin var. *parviligula* Boivin, Can. Field-Nat. 65(1): 11. 1951

U.S.A.: Alaska, Raspberry Island, Port Vita, *W.J. Eyerdam 3841*, 25 July 1945, HOLOTYPE

*Achillea millefolium* L. ssp. *atrotegula* Boivin var. *parvula* Boivin, Can. Field-Nat. 65(1): 11. 1951

CANADA: Manitoba, Fort Churchill, *J.M. Gillett 2038*, 9 July 1948, HOLOTYPE

*Achillea millefolium* L. ssp. *atrotegula* Boivin var. *parvula* Boivin f. *discolor* Boivin, Can. Field-Nat. 65(1): 11. 1951

CANADA: Ontario, Albany, *Dutilly & Lepage 15957*, 3 août 1946, HOLOTYPE

*Achillea millefolium* L. var. *lapponica* Mont. Publication unknown.

FINLAND: Onnala, *I. Montell*, 1 Aug. 1940, ? TYPE COLLECTION MATERIAL

*Achillea millefolium* L. var. *lapponica* Mont. f. *neumanii* Mont. Publication unknown.

FINLAND: Kelpisjaura, *I. Montell*, 2 Aug. 1952, ? TYPE COLLECTION MATERIAL

*Achillea millefolium* L. ssp. *pallidotegula* Boivin var. *russeolata* Boivin, Can. Field-Nat. 65(1): 10. 1951

CANADA: Saskatchewan, Tisdale, *A.J. Breitung 1754*, 1 Aug. 1943, HOLOTYPE

*Achillea millefolium* L. var. *rubra* Sadl. subvar. *parviligulata* Farwell, Amer. Midl. Nat. 12: 73-74. 1930

U.S.A.: Michigan, Houghton Co., Lake Linden, *O.A. Farwell 6597*, 25 June 1923, TYPE COLLECTION MATERIAL

*Achillea pyrenaica* Sibth. ex DC., Fl. Fr. 4: 211. 1805

FRANCE: Pyrenees, Mt. Canigon, Chalet-Refuge des Cortalets, *G. Gavelle*, 14 juillet 1961, TOPOTYPE

*Achillea rupestris* Huter, Porta et Porta, Nuovo Giornale botanico Italiano 11: 281. 1879

ITALY: Monte Pollino, *G. Rigo* (Dörfler Herb. Norm. 4119), June 1898, TOPOTYPE

*Achnatherum perplexum* Hoge & Barkworth, Phytologia 74(1): 11. 1993

U.S.A.: New Mexico, Taos County, 9 miles north of Arroyo Hondo, *M.E. Barkworth 4768*, 8 Sept. 1985, TOPOTYPE

*Aconitum crassipes* Nakai, Bot. Mag. Tokyo 46: 500. 1935

JAPAN: Omi, Mt. Ibuki, *M. Togasi* (TSM 800), 6 Oct. 1983, TOPOTYPE

*Aconitum paludicola* Nakai, Bot. Mag. Tokyo 42: 18-19. 1928

JAPAN: Shinano, Kamikochi, *Ohwi et al.* (TSM 1066), Aug. 1954, TOPOTYPE

*Acrostichum microphyllum* Bert. (*Cheilanthes persica* (Bory) Mett. ex Kuhn, Propag. agric 6. 343. 1856

ITALY: Mt. Mauro, Corredo Tielto, 10 July 2001, TOPOTYPE

*Actinella argentea* A. Gray, Mem. Am. Acad. 4: 100. 1849

U.S.A.: New Mexico, Santa Fe Co., Santa Fe, *A.A. & E.G. Heller 3518*, 13 May 1897, TOPOTYPE

*Actinella richardsonii* Nutt. var. *floribunda* Gray, Rhodora 38: 408. 1936

U.S.A.: New Mexico, Santa Fe Co., Santa Fe, *Heller & Heller 3780*, 28 June 1897, TOPOTYPE

*Actinella rusbyi* Gray, Proc. Amer. Acad. 19: 33. 1883

U.S.A.: New Mexico, Mogollon Mts., *H.H. Rusby*, Aug. 1881, ? ISOTYPE

*Adenophora denticulata* Fisch var. *latifolia* Freyn, Publication unknown

EUROPE: Nertschinsk, auf Bergabhängen am Nertsch-Flusse, *J. Freyn* (F. Karo Dahur. 268b), 1889, ? TYPE COLLECTION MATERIAL

*Adenostyles crassifolia* A. Kerner, Shed. Fl. Austro-Hung. 5: 78. 1888

AUSTRIA: Tirolia centralis, *A. Kerner*, (Fl. ex. Austro-Hung. 1828), ISOTYPE

*Adiantum bellum* T. Moore, Gard. Chr. n.s. 1: 172 f. 24. 1879

BERMUDA: Warwick Parish, *W.J. Cody 35437*, 4 Apr. 1987, TOPOTYPE

*Adiantum pedatum* L. ssp. *calderi* Cody

CANADA: Quebec, Megantic Co., Black Lake, *Marie-Victorin et al. 46,653*, 20 Sept. 1936, PARATYPE; Sherbrooke Co., Sawdust Lake, *L.M. Terrill 7970*, 13 Aug. 1957, PARATYPE; Cantons de l'est, Lac Sunday, *Blais et al. 11,428*, 20 juillet 1996, PARATYPE; Newfoundland: Humber District, Goose Arm, Parson's Cove, *E. Rouleau 1751*, 10 July 1951, PARATYPE; Serpentine (Coal) River, Red Barren Brook, *E. Rouleau 1893*, 17 July 1951, PARATYPE; North Arm, *E. Rouleau 872*, 18 July 1950, PARATYPE; North Arm, Flagstaff Point, *E. Rouleau 842*, 17 July 1950, PARATYPE; Cloudy Pond Mountain, *E. Rouleau 200*, 15 July 1948, PARATYPE; Humber East District, Bear Lake, *E. Rouleau 4584*, 25 July 1958, PARATYPE; Humber West District, Rileys Brook, *E. Rouleau 4423*, 1 Sept. 1957, PARATYPE; St. Barbe District, Bonne Bay, Stanleyville, *E. Rouleau 443*, 10 Aug. 1948, PARATYPE; Trout River Big Pond, Rocky Brook, *E. Rouleau 3278*, 26 July 1952, PARATYPE; Bonne Bay, The Tableland, *E. Rouleau 3773*, 29 July 1953, PARATYPE; St. Georges District, Bond Asbestos Mine, *E. Rouleau 4436*, 1 Sept. 1957, PARATYPE; St. Anthony, east slope of Eastern White Hills, *Savile & Vaillancourt 2776*, 8 Aug. 1951, PARATYPE

U.S.A.: Washington, Wenatchee National Forest, Mount Stewart, *W.J. Cody 18454*, 24 Aug. 1969, PARATYPE; California, Gasquet, Del Norte County, *Parks & Tracy 9520*, 30 May 1931, PARATYPE

- Adiantum pedatum* L. ssp. *calderi* Cody, Rhod. 85: 93-94. 1983  
CANADA: Quebec, Gaspé Co., Mt. Albert, *Collins & Fernald*, 14 Aug. 1905, HOLOTYPE
- Adiantum pedatum* L. var. *rangiferinum* Burgess, Proc. Roy. Soc. Can. 4(4): 11. 1887  
CANADA: British Columbia, Vancouver Island, Mt. Finlayson, *J.R. Anderson*, ISOTYPE
- Adinandra epunctata* Merr. & Chun., Sunyatsenia 5: 132-134. 1940  
CHINA: Hainan, Ting-On District, Tung-Gap, Mo-Cheong Shan, *H.Y. Liang 64384*, 10 Jan. 1934, PARATYPE
- Adonis vernalis* L. f. *joviniensis* Senn. & Elias, Publication unknown  
SPAIN: Castille, *H. Elias*, 4 Apr., 5 June 1907, ? TYPE COLLECTION MATERIAL
- Aegilops persica* Boiss., Diag. Pl. Orient. Nov. 1: 129. 1846  
PERSIA: montis Sabst-Buschom prope Schiraz, *T. Kotschy 365*, 13 May 1842, ISOTYPE
- Aeginetia indica* L. var. *sekimotoana* Makino, Publication unknown  
JAPAN: Prov. Shimotsuke, *T. Makino*, 1929, ? TYPE COLLECTION MATERIAL
- Aegiphila stricta* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 107-108. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 330* (1898-1901), ? ISOTYPE
- Aegopodium bipinnatisectum* M. Hiroe, Publication unknown  
JAPAN: Hokkaido, Mt. Yubari, *M. Hiroe 6655*, 29 Aug. 1951, ? TYPE COLLECTION MATERIAL
- Aeschynomene pringlei* Rose, Contr. U.S. Nat. Herb. 8: 312. 1905  
MEXICO: Morelos, Jojutia, *C.G. Pringle 8709*, 30 Aug., 18 Oct. 1902, ISOTYPE
- Aetanthus ovalis* Rusby, Descriptions of Three Hundred New Species of South American Plants. p. 13. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 1494* (1898-1901), ? ISOTYPE
- Agastache foeniculum* (Pursh) Ktze. f. *bernardii* Boivin  
CANADA: Saskatchewan, Bjorkdale, *J. Laycock s.n.*, PARATYPE; Katepwa, *L.T. Carmichael 32*, 15 July 1941, PARATYPE
- Agastache foeniculum* (Pursh) Ktze. f. *candidum* Boivin  
CANADA: Manitoba, Mont Dauphin, *Boivin et al. 11003*, 20 juillet 1955, PARATYPE; Saskatchewan, Earlswood, *B. Boivin 8370*, 29 juillet 1951, PARATYPE

*Agastache foeniculum* (Pursh) Kuntze f. *bernardii* Boivin, Nat. can 87: 25-26. 1960  
CANADA: Quebec, Comté de Labelle, Nominique, lac Laflèche,  
J.-P. Bernard 252, 29 juillet 1947, HOLOTYPE

*Agastache foeniculum* (Pursh) Kuntze f. *candidum* Boivin, Nat. can. 87: 26. 1960  
CANADA: Saskatchewan, McKague, A.J. Breitung, July 1934, HOLOTYPE

*Agastache glaucifolia* Heller, Muhlenbergia 1: 32. 1904  
U.S.A.: California, Nevada Co., Lower end of Donner Lake, A.A. Heller 7077, 1 Aug. 1903,  
PARATYPE

*Ageratum lucidum* Robins., Proc. Amer. Acad. 36: 475. 1901  
MEXICO: Morelos, Sierra de Tepoxtlan, C.G. Pringle 13022, 27 Sept. 1904, TOPOTYPE

*Agoseris eisenhoweri* Boivin  
CANADA: Alberta, Banff Park, sur le flanc sud-est du Mt. Eisenhower, B. Boivin 4760, 18 juillet  
1946, PARATYPE

*Agoseris eisenhoweri* Boivin, Nat. can 75: 208-209. 1948  
CANADA: Alberta, Banff Park, sud-est du Mt. Eisenhower, B. Boivin 4778, 18 juillet 1946,  
HOLOTYPE

× *Agroelymus colvillensis* Lepage  
U.S.A.: Alaska, north side of Colville River, E. Lepage 23,638, 30 July 1948, ISOTYPE

× *Agroelymus adamsii* Rousseau, Mem. Jard. Bot. Montreal 29: 16-17. 1952  
CANADA: Quebec, Anticosti, Anse aux Fraises, J. Adams, 7 Aug. 1936, PARATYPE

× *Agroelymus colvillensis* Lepage, Nat. can. 79: 250-251. 1952  
U.S.A.: Alaska, Colville River, Umiat, E. Lepage 23744, 2 Aug. 1948, PARATYPE

× *Agroelymus dorei* Bowden, Can. Jour. Bot. 45: 715. 1967  
CANADA: Quebec, Gatineau Co., Breckenridge, Dore & Boivin 8617, 9 July 1948,  
HOLOTYPE (and ISOTYPE)

× *Agroelymus hodgsonii* Lepage, Nat. can. 79: 257-258. 1952  
U.S.A.: Alaska, Palmer, E. Lepage 25264, 13 July 1949, ISOTYPE

× *Agroelymus jamesensis* Lepage var. *anticostensis* Lepage, Nat. can. 79: 247-248. 1952  
CANADA: Anticosti Island, J. Adams, 24 July 1935, HOLOTYPE

× *Agroelymus jamesensis* Lepage, var. *stoloniferus* Lepage, Nat. can. 79: 248-249. 1952  
CANADA: Quebec, Baie James, Fort George, E. Lepage 13031, 11 sept. 1950, ISOTYPE



×*Agroelymus palmerensis* Lepage, Nat. can. 79: 241-242. 1952  
U.S.A.: Alaska, Palmer, *Dutilly et al. 21876*, 3 Aug. 1947, ISOTYPE

×*Agroelymus turneri* Lepage, Nat. can. 79: 252-253. 1952  
CANADA: Alberta, Fort Saskatchewan, *G.H. Turner 3224*, 27 Aug. 1942 and *3194a*, 13 Aug. 1942, PARATYPES

× *Agrohordeum pilosilemma* Mitchell & Hodgson  
U.S.A.: Alaska, along Farm Road about 5 miles SW of Palmer, *W.W. Mitchell 958*, 11 July 1963, PARATYPE

×*Agrohordeum pilosilemma* Mitchell & Hodgson, Bull. Torrey Bot. Club 92: 404. 1965  
U.S.A.: Alaska, Galena, *Mitchell & Wilton 1458*, 27 July 1964, ISOTYPE

*Agronandra granatensis* Rusby, Descriptions of Three Hundred New Species of South American Plants pp. 14-15. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 1771, 1950* (1898-1901), TYPE COLLECTION MATERIAL

*Agropyron* × *bowdenii* Boivin  
CANADA: Alberta, 5 miles SW of Twin Butte, *W.G. Dore s.n.*, 1 Aug. 1950, PARATYPE

*Agropyron* × *bowdenii* Boivin, Phytologia 43: 105. 1979  
CANADA: Alberta, Twin Butte, *Dore & Breitung 12224*, 1 Aug. 1950, HOLOTYPE

*Agropyron ciliatum* Degen, Gramina Hungarica 350  
HUNGARY: Ins. Csepel, *A. de Degen*, 23 June 1902, ISOTYPE

*Agropyron donianum* F.B. White, Proc. Perthshire Soc. Nat. Sc. 1: 41. 1890 (?)  
SCOTLAND: Cultivated at Ottawa from seed from Ben Lawers, *W.M. Bowden 1578SI*, 16 July 1954, HORTOTYPE?

*Agropyron psammophilum* Gillett & Senn, Can. Jour. Bot. 39: 1170. 1961  
CANADA: Ontario, Bruce Co., mouth of Pine River, *Soper & Dale 3964*, 19 June 1948, HOLOTYPE

*Agropyron* × *pseudorepens* Scribn. & Sm. nm. *sennii* Boivin, Nat. can. 94: 520. 1967  
CANADA: Ontario, Bruce Co., Dorcas Bay, *Senn et al. 4927*, 21 July 1949, ISOTYPE

*Agropyron trachycaulum* (Link) Malte var. *pilosiglume* Malte ex H.F. Lewis  
CANADA: British Columbia, Victoria, *M.O. Malte s.n.*, 14 June 1940, ? ISOTYPE, Annual Report, National Museum of Canada 48. 1932

- Agropyron sericeum* Hitchc., Amer. Jour. Bot. 2: 309. 1915  
CANADA: Yukon Territory, Dawson, *M.O. Malte*, 10 Aug. 1916, TOPOTYPE
- Agropyron ungavense* Louis-Marie, Revue d'Oka 20: 18. 1946  
CANADA: Quebec, Fort Chimo, *J.A. Calder 2468*, 9 Aug. 1948, TOPOTYPE
- Agrostis algida* Soland in Phipps, Voy. North Pole 200. 1774.  
SPETSBERGEN: Kings Bay, *Arnell & Martensson*, 22 July 1956, TOPOTYPE
- Agrostis exarata* Trin., De gram. unifl. et sesquifl. 207. 1824  
U.S.A.: Alaska, Unalaska, *J.R. Parker 9*, TOPOTYPE
- Agrostis hooveri* Swallen  
U.S.A.: California, San Luis Obispo County, edge of San Luis Valley on Carpenter Canyon road to Arroyo Grande, *R.F. Hoover 7546*, 29 June 1948, PARATYPE
- Agrostis hooveri* Swallen, Leafl. West. Bot. 12: 198. 1949  
U.S.A.: California, San Luis Obispo Co., between Arroyo Grande and Huasna district, *R.F. Hoover 7549*, 29 June 1948, ISOTYPE
- Agrostis idahoensis* Nash, Bull. Torrey Bot. Club 24: 42-43. 1897  
U.S.A.: Idaho, Nez Perces Co., Forest, *A.A. & E.G. Heller 3431* 16 July 1896, ISOTYPE
- Agrostis longiligulata* Hitchc. var. *australis* J.T. Howell, Leafl. West. Bot. 4: 246. 1946  
U.S.A.: California, Marin Co., Shell Beach N of Inverness, *J.T. Howell 20737*, 10 Sept. 1944, PARATYPE
- Agrostis vulgaris* With. var. *minor* D. Litw., Herb. Fl. Ross. 2693 c. 1917  
U.S.S.R.: Prov. Kurex, pr. urb. Belgorod, *I. Pallon*, June 1909, ISOTYPE
- Ainsliaea morrisonicola* Hayata, J. Coll. Sci. Tokyo 25 Art. 19, 142. 1908  
TAIWAN: Mt. Morrison, *T.S. Liu*, 23 Aug. 1949, TOPOTYPE
- Aira spicata* L., Sp. Pl. 64. 1753  
SWEDEN: Lapland, Tärna, Artfjäll, *K. Holm*, 5 Aug. 1950, TOPOTYPE
- Aizoon canariense* L., Gen. Pl. ed. 5. p. 216. 1754  
CANARY ISLANDS: Nivaria, Puerto Cruz, Martianez, *E.R. Sventenius* (Fl. Sel. Can. 114) 15 Sept. 1949, TOPOTYPE
- Ajuga nipponensis* Makino, Bot. Mag. Tokyo 23: 67-68. 1909  
JAPAN: Oizumi, Nerima-ku, Tokyo Pref., *T. Makino 36628*, 28 Apr. 1937, TOPOTYPE
- Alchemilla acutiloba* Steven ssp. *catillaris* Buser in Dörfler Herbarium Normale 4656

CULTIVATED: horto botanico Innsbruck, *R. Buser*, June 1905, Sept. 1906, TYPE  
COLLECTION MATERIAL

*Alchemilla arvensis* L. ssp. *collina* Buser in Vacari, Pl. ital. crit. ex. 61  
ITALY: Firenze, Etruria, *R. Pampanini*, 5 June 1906, ISOTYPE

*Alchemilla borealis* G. Sam., Fl. Murm. Prov. 4: 106, 324. 1959  
SWEDEN: Torne Lappmark, Jukkasjärvi, between Abisko and Björkliden, *E. Asplund*, 30 July  
1949, TOPOTYPE

*Alchemilla gorcensis* Pawl., Bull. Intern. Acad. Polon. Lett. Cl. Sci. Math. & Nat. 1951 Ser. B.1:  
311. 1953  
POLAND: Montes Gorce, Wilgotna Laka, *J. Kornas* (Pl. Pol. Ex. 431), 7 Aug. 1952,  
TOPOTYPE

*Alchemilla minima* S.M. Walters, Watsonia 1: 10. 1949  
ENGLAND: Alum Pot Hole, prope Selside, Mid-West Yorkshire, *Ashford, Marchant, Sell &*  
*Walters 67/388*, 14 June 1967, TOPOTYPE

*Alchemilla oleosa* G. Sam., Publication unknown  
NORWAY: Sör-Trøndelag, Opal herred, Mt. Knudshö, (cult. in Horto Botanico Upsaliensi), *G.*  
*Samuelsson*, 22 June 1955, ? TYPE COLLECTION MATERIAL

*Alchemilla pseudincisa* Pawl., Bull. Intern. Acad. Polon. Sci. & Lett. Cl. Sci. Math. & Nat. 1951.  
Ser. B.1: 326. 1953  
POLAND: Tatri occid., Gladkie Uplazianskie, *P. Pawlowski* (Pl. Pol. Ex. 431), 9 Aug. 1952,  
PARATYPE & TOPOTYPE

*Achemilla semilunaris* Alechin, Not. Syst. Herb. Hort. Petrop. 3: 132. 1922  
U.S.S.R.: Prov. Mosqua, distr. Odintzovo, prope pag. Bolschie Vjazemy, *V. Alechin*, 19 June  
1922, ? TYPE - PUBLICATION NOT AVAILABLE

*Alchemilla substrigosa* Juz., apud Majewski Fl. Sredn. Pol. Evr. Tsch. SSSR ed. 7. 446. 1940  
U.S.S.R.: Gorkov, *Juzepczuk & Golubkova* (Fl. Ex. USSR 3919), 8 June 1951, TOPOTYPE

*Alcoceria pringlei* Fernald, Proc. Amer. Acad. 36: 193. 1901  
MEXICO: Guerrero, Iguala Canyon, *C.G. Pringle 13952*, 23 July 1907, TOPOTYPE

*Alectorolophus simplex* Stern. var. *maculatus* Semler, Publication unknown  
ROMANIA: Tirol, Stubai, *C. Semler*, 20 July 1907, ? TYPE COLLECTION MATERIAL

*Aletes macdougallii* Coult. & Rose ssp. *brevivadiatus* Theobald & Tseng, Brittonia 16: 306-309.  
1964  
U.S.A.: Colorado, Montezuma Co., Mesa Verde National Park, *J. Erdman*, 31 May 1959,

ISOTYPE

*Allionia craterimorpha* Rusby, Descriptions of Three Hundred New Species of South American Plants pp. 15-16. 1920

COLOMBIA: Santa Marta, *H.H. Smith 569* (1898-1901), ? ISOTYPE

*Allium canadense* L., Sp. Pl. II, App. P. 1195. 1753

U.S.A.: New York, Washington, Co., Stillwater, Dore & Howard 00105, 12 June 1976, TOPOTYPE

*Allium dichlamydeum* Greene, Pittonia 1: 166. 1888

U.S.A.: California, San Francisco, *L.S. Rose 65079*, 14 June 1965, TOPOTYPE

*Allium fimbriatum* Wats. var. *diabolense* Ownbey & Aase in Munz & Keck, California Flora: 1377. 1957

U.S.A.: California, San Benito Co., N of Bittersweet, *Raven et al. 10842*, 11 May 1957, TYPE COLLECTION MATERIAL

*Allium flavum* L. f. *robustum* Suza, Fl. ex. Reip. Bohem. Slov. 600.

CZECHOSLOVAKIA: Slovakia Merid., Parkan, *J. Suza*, Aug. 1929, ISOTYPE

*Allium passenyi* Holmgren & Holmgren, Brittonia 26: 309. 1974

U.S.A.: Utah, Box Elder Co., southwest part of Howell Valley, *Holmgren et al. 13125*, 13 June 1960, ISOTYPE

*Allium perdulce* S.V. Fraser, Trans. Kansas Acad. Sci. 42: 124. 1940

U.S.A.: Kansas, Rooks and Cloud counties, *S.V. Fraser 72*, 1 June 1938, ISOTYPE

*Allium schoenoprasum* Sw. var. *riparium* Celak sous-var. *albiflorum* Gavelle, Publication unknown

FRANCE: Col de la Cayolle, *Gavelle*, 4 Aug. 1964, ? TYPE COLLECTION MATERIAL

*Alnus arguta* (Schecth.) Spach var. *cuprea* Bartlett, Proc. Amer. Acad. 44: 610. 1909

MEXICO: Oaxaca, Sierra de San Felipe, *C.G. Pringle 10251*, 27 May, 1906, TYPE COLLECTION MATERIAL

*Alnus arguta* (Schecth.) Spach var. *subsericea* Bartlett, Proc. Amer. Acad. 44: 610. 1909

MEXICO: Oaxaca, Sierra de San Felipe, *C.G. Pringle 10252*, 27 May, 1906, ISOTYPE

*Alnus crispa* (Ait.) Pursh var. *harricanaensis* Lepage, Nat. can. 77: 44. 1950

CANADA: Quebec, rivière Harricana, *Dutilly & Lepage 15164*, 2 juillet 1946, ISOTYPE

*Alnus firmifolia* Fernald, Proc. Amer. Acad. 43: 61-62. 1907

MEXICO: Federal District, Cima Station, *C.G. Pringle 10040*, 30 Aug. 1905, ISOTYPE

- Alnus glutinosa* (L.) Gaertn. f. *macrococcus* Gunn. Publication unknown.  
SWEDEN: Skåne, Farsterlo, *T.G. Gunnarsson*, Sept. 1928, ? TYPE COLLECTION MATERIAL
- Alnus maritima* Nutt. var. *formosana* Burkill, J. Linn. Soc. 26: 500. 1899  
TAIWAN: Mt. Morrison, collector unknown, 23 Aug. 1949, TOPOTYPE
- Alnus pringlei* Fernald, Proc. Amer. Acad. 43: 62. 1907  
MEXICO: Michoacan, Uruapan, *C.G. Pringle 10125*, 13 Nov. 1905, ISOTYPE
- Alnus rubra* Bong. var. *pinnatasecta* Starker, J. Forest. 37: 415-416. 1939  
U.S.A.: Oregon, Multnomah Co., *O. Matthews*, Dec. 1947, TOPOTYPE
- Alopecurus aequalis* Sobol var. *sonomensis* Rubtzoff, Leafl. West. Bot. 9: 170. 1961  
U.S.A.: California, Duncan Mills Marsh, *P. Rubtzoff 1957*, 10 July 1955, PARATYPE
- Alopecurus alpinus* J.E. Sm. Sowerby, English Botany 1126. 1803  
SCOTLAND: Aberdeenshire Loch-na-gore, collector unknown, TOPOTYPE
- Alopecurus ventricosus* Pers. var. *hirtulus* V. Reverdatto, Publication unknown  
U.S.S.R.: 1927, ? TYPE COLLECTION MATERIAL
- Alphitonia ponderosa* Hillebrand, Fl. Haw. Is. 81. 1888  
HAWAIIAN ISLANDS: Kaunai, Waimea, *C.N. Forbes 427K*, Sept. 1909, TOPOTYPE
- Alphonsea monogyna* Merrill & Chun, Sunyatsenea 2: 26. 1934  
CHINA: Hainan, *H.Y. Liang 64215*, 8 Jan. 1934, ? TYPE - PUBLICATION NOT AVAILABLE
- Alseodaphne rugosa* Merr. & Chun, Sunyatsenia 2: 232-233. 1935  
CHINA: Hainan, *C. Wang 35424*, 15 Dec. 1933, TOPOTYPE
- Alsine clandestina* Portenschlag, Enum. plant. in Dalmatia lect. p. 13. 1824  
HUNGARY: Dalmatia, montis Biokovo, *Pichler* (Fl. ex. Austro- Hungarica 567), TOPOTYPE
- Alsinodendron obovatum* Sherff var. *parviflorum* Degener & Sherff, Publication unknown  
HAWAIIAN ISLANDS: Oahu, summit ridge between Puu Manawahua and Mauna Kapu, *Degener et al. 20675*, 25 June 1950, ISOTYPE
- Althaea micrantha* Wiesb. f. *umbrosa* Wiesb., Publication unknown  
HUNGARY: Nagy Kapornak im Zalaer Komitate, *J. Wiesbaur*, 21 Aug. 1877, ? TYPE COLLECTION MATERIAL
- Alyssum alyssoides* L. f. *deserticum* Podp., Fl. ex. Reip. Bohem. Slov. 736  
CZECHOSLOVAKIA: Moravia merid., Pavlovské Kopce, *Podpera & Mrkos*, 10 May 1925,

ISOTYPE

*Alyssum americanum* Greene, Pittonia 2: 224. 1892

CANADA: Yukon Terr., Rampart House, C.C. Loan 421, 7 June 1951, TOPOTYPE

*Alyssum borzaeanum* Nyar., Bul. Grad. Mus. bot. Cluj 6: 90-91. 1926

ROMANIA: Dobrogea, distr. Constanta, Nyarady & Pop (Fl. Rom. ex 647b), 25 June 1926, PARATYPE

*Alyssum caliacrae* Nyar., Bul. Grad. Mus. bot. Cluj 6: 92. 1926

ROMANIA: distr. Caliacra, Dobrogea, E.I. Nyarady (Fl. Rom. ex 648), 28 June 1926, ISOTYPE

*Alyssum caliacrae* Nyar. var. *humerosum* Nyar., Bul. Grad. Mus. bot. Cluj 6: 93. 1926

ROMANIA: distr. Constanta, Dobrogea, Nyarady & Pop (Fl. Rom. ex 649), 28 June 1926, ISOTYPE

*Alyssum corsicum* Duby, Bot. Gall. ed. II i 34. 1828

CORSICA: Bastia, M.F. Spencer, 15 May 1906, TOPOTYPE

*Alyssum euboicum* Hal., Consp. fl. Graec. 1: 93. 1900

GREECE: Ins. Euboea, K.H. Rechinger 18202, 20 July 1956, TOPOTYPE

*Alyssum eximium* Nyar., Bul. Grad. Mus. bot. Cluj 6: 90. 1926

ROMANIA: distr. Tulcea, Dobrogea, E.I. Nyarady (Fl. Rom. ex. 646), 21 June 1926, ISOTYPE

*Alyssum montanum* L. ssp. *eumontanum* Hayek f. *normale* Podp. sf. *laxum* Podp., Fl. ex. Reip. Bohem. Slov. 738

CZECHOSLOVAKIA: Moravia centralis, Brno, J. Podpera, 22 May 1927, ISOTYPE

*Alyssum montanum* L. var. *serpentina* Podp., Pub. fac. sc. univ. Masaryk Brno n. 12.26.1922

CZECHOSLOVAKIA: Moravia occid., Mohelno, J. Podpera, (Fl. ex. Reip. Bohem. Slov. 1042), 1 June 1925, TOPOTYPE

*Alyssum murale* W. & K. var. *variabile* Nyar f. *biangulare* Nyar., Bul. Grad. Mus. bot. Cluj. 6: 90. 1926

ROMANIA: distr. Hunedoara, Transsilvania, E.I. Nyarady (Fl. Rom. ex. 644), 28 July 1926, ISOTYPE

*Alyssum orientalis* Ard. f. *clata* Heldr., Publication unknown

EUROPE: Flora Hellenicae, Flora Attica, in m. Parnethe pr. Dekeleiam, De Heldreich, 2 May 1899, ? TYPE COLLECTION MATERIAL

*Alyssum styriacum* Jordan & Fourreau, Breviarium Plantarum nov., Fasc 2: 7. 1868

AUSTRIA: Stiria media prope pagum Peggau, M. Heider (Hayek, Fl. stiriaca ex. 433), April

1905, TOPOTYPE

*Alyssum troodii* Boiss., Fl. Or. Suppl. 49. 1888

CYPRUS: Mt. Troodos, *M. Huradjian* 468, 1-20 juillet 1912, TOPOTYPE

*Alyssum wierzbickii* Heuff., Flora 18: 242. 1835

ROMANIA: Distr. Caras, Banatus, *E.I. Nyarady* (Fl. Rom. Ex. 1013), 11 June 1930, TOPOTYPE

*Alyxia olivaeformis* Gaud., Freye. Voy. Bot. Pt. 11: 451. 1829

HAWAIIAN ISLANDS: Oahu, Kuaokala, Keekee Gulch, *F. Rathburn*, 31 Oct. 1948, TOPOTYPE

*Amaranthus albus* L. f. *rubricapsulata* Buj. et Nyar., Bul. Grad. Mus. Bot. Cluj 27: 117. 1947

ROMANIA: Distr. Timis-Torontal, Banatus, *G. Bujorean* (Fl. Rom. ex. 2856), 8 Oct. 1943, ISOTYPE

*Amaranthus* ×*budensis* Priszter, Ind. Hort. Bot. Univ. Budapest 7: 125. 1949

HUNGARY: Budapest, *Z. Karpati*, 14 Oct. 1947, TYPE COLLECTION MATERIAL

*Amaranthus retroflexus* L. var. *delilei* (Richt. & Lor.) Thell. f. *heteriflorus* Buj. & Nyar sf.

*densiflorus* Buj. et Nyar., Bul. Grad. Bot. Cluj 27: 115. 1947

ROMANIA: Distr. Timis-Torontal, Banatus, *Bujorean & Todor* (Fl. Rom. ex. 2851a), 1 Oct. 1943, TYPE COLLECTION MATERIAL

*Amaranthus retroflexus* L. var. *delilei* (Richt. & Lor.) Thell. f. *heteriflorus* Buj. & Nyar sf.

*laxiflorus* Buj. et Nyar., Bul. Grad. Bot. Cluj 27: 114. 1947

ROMANIA: Distr. Timis-Torontal, Banatus, *G. Bujorean*, (Fl. Rom. ex. 2850c), 28 Sept. 1943, TYPE COLLECTION MATERIAL

*Amaranthus retroflexus* L. ssp. *genuinus* Thell. f. *crispulus* Nyar., Bul. Grad. Bot. Cluj 27: 113. 1947

ROMANIA: Transsilvania, distr. Cluj, *I. Prodan*, (Fl. Rom. ex. 2847), 20 Aug. 1946, ISOTYPE

*Amaranthus retroflexus* L. f. *ludwigianus* Thell sf. *pedunculatus* Buj. et Nyar., Bull. Grad. Bot. Cluj 27: 112. 1947

ROMANIA: Dist. Timis-Torontal, Banatus, *G. Bujorean* (Fl. Rom. ex. 2846), 15 Sept. 1943, ISOTYPE

*Ambrosia* ×*intergradiens* W.H. Wagner

U.S.A.: Michigan, Grand Traverse Co., Interlochen, *W.H. Wagner, Jr.* 8473-1, 19 Aug. 1957, PARATYPE

*Amelanchier basalticola* Piper in Piper & Beattie, Fl. Palouse Region, 100. 1901

U.S.A.: Washington, Whitman Co., opposite Clarkston, 46°25'55" N 117°02'52"W, *P.M. Catling 20439b*, 10 July 1994, TOPOTYPE

*Amelanchier ephemeotricha* Suksdorf, *Werdenda* 1: 20-21. 1927

U.S.A.: Washington, Klickitat Co., Falcon Valley, *W. Suksdorf 10026*, 23 May, 20 June, 20 Sept. 1918, ? TYPE - PUBLICATION NOT AVAILABLE

*Amelanchier nitens* Tidestr., *Proc. Biol. Soc. Wash.* 36: 182-183. 1923

U.S.A.: Nevada, Clark Co., Wilson's Ranch, *I.W. Clokey 8236* 7 June 1938, TOPOTYPE

*Amelanchier quebecensis* Bertrand, *Trav. Jeunes Scientif.* 1(2): 61. fig. 1964.

CANADA: Quebec, Glen Sutton, *M. Bertrand et al. 591*, 19 mai, 22 juin 1962, ISOTYPE

*Amelanchier quinti-martii* Lalonde, *Rhod.* 59: 121. 1957

CANADA: Quebec, Rougemont, *L. Cinq-Mars*, 9 mai, 4 juillet 1955, HOLOTYPE

*Amelanchier vestita* Suksdorf, *Werdenda* 1: 22. 1927

U.S.A.: Washington, Klickitat Co., near Bingen, *W. Suksdorf 11841*, 17 Apr., 1 and 27 June, 21 Sept. 1925, TYPE COLLECTION MATERIAL

×*Amelatorbus jackii* Rehder, *J. Arn. Arb.* 6: 154. 1925

CULTIVATED: from seed of *J.G. Jack 1329* from Elk Butte, Clearwater Co., Idaho, U.S.A. at Arnold Arboretum, *T.R. Dudley*, 25 June 1965, HOLOTYPE

*Ammophila breviligulata* Fern., *Rhod.* 22: 71. 1920

U.S.A.: Connecticut, East Haven, *L.A. Charette 2702*, 12 Aug. 1965, TOPOTYPE

*Ammophila champlainensis* Seymour, *Sida* 2: 349. 1966

U.S.A.: New York, Clinton Co., Ausable, *L.A. Charette 3207*, 14 July 1968, TOPOTYPE

*Amorpha occidentalis* Abrams., *Bull. N.Y. Bot. Gard.* 6: 394. 1910

U.S.A.: California, San Diego River near Old San Diego Mission, *L. Abrams 3425*, 6 May 1903, ISOTYPE

*Amphicarpa chamaecaulis* Boivin & Raymond, *Nat. can.* 69: 223. 1942

CANADA: Quebec, Ile d'Orléans, *Y. Desmarais 1129*, 10 août 1950. TOPOTYPE

*Amphistelma leptocarpa* Rusby, *Descriptions of Three Hundred New Species of South American Plants*, pp. 98-99. 1920

COLOMBIA: Santa Marta, *H.H. Smith 1679* (1898-1901), ? ISOTYPE

*Amsinckia latifolia* Suksdorf, *Werdenda* 1: 101. 1931

U.S.A.: California, Sonoma Co., north end of Bodega Head, *P. Kamb 2298*, 30 May 1952, TOPOTYPE



*Amsinckia leptosperma* Suksdorf, Werdenda 1: 85. 1931  
U.S.A.: California, Pt. Lobos, San Francisco, *J.T. Howell 11333*, 24 May 1933, TOPOTYPE

*Amsonia rigida* Shuttl. ex Small, Fl. S.E. U.S. ed. 1: 935. 1903  
U.S.A.: Florida, St. Marks, *Rugel*, Apr. 1843, ? ISOTYPE

*Anamomis simpsonii* Small, Torreya 17: 222. 1917  
U.S.A.: Florida, Dade Co., Arch Creek, *J.K. Small*, 12 May 1917, ISOTYPE

*Anarthrophyllum strigulipetalum* Soraru, Darwiniana 18(1-2): 37. 1973  
ARGENTINA: Los Lagos, Parque Nac., Nahuel Huapi, Estancia "Fortin Chacabuco", *Boelcke & Hunziker 3515*, 3 Nov. 1949, PARATYPE

*Anchusa laxiflora* DC., Fl. Fr. 3: 631. 1805  
CORISCA: *M.F. Spencer*, 5 Mar. 1912, TOPOTYPE

*Andira cubensis* Benth., Journ. Linn Soc. IV Suppl. 121. 1860  
CUBA: Santa Clara Province, east of Cascajal, *R.A. Howard 5497* (Pl. Ex. Gray. 1252), 3 July 1941, TOPOTYPE

*Andromeda polifolia* L. var. *concolor* Boivin, Can. Field-Nat. 65: 16. 1951  
U.S.A.: Alaska, Kodiak Island, *E.H. & H.B. Loeff 569*, 15 June 1938, HOLOTYPE

*Andropogon edwardsianus* Gould, Field & Lab. 19: 184. 1951  
U.S.A.: Texas, Sutton Co., 30 miles SE of Sonora, *Gould & Merrill 5763*, 2 July 1950, PARATYPE

*Andropogon elliottii* Chapm. var. *glaucescens* Scribn., Bull. Torrey Bot. Club 23: 145. 1896  
U.S.A.: Florida, Lake Co., Eustis, *G.V. Nash 489*, 16-30 April 1894, ISOTYPE

*Andropogon elliottii* Chapm. var. *laxiflorus* Scribn., Bull. Torrey Bot. Club 23: 146. 1896  
U.S.A.: Florida, Lake Co., Eustis, *G.V. Nash 1597*, 1-15 Aug. 1894, TOPOTYPE

*Andropogon floridanus* Scribn., Bull. Torrey Bot. Club 23: 145. 1896  
U.S.A.: Florida, Lake Co., Eustis, *G.V. Nash 1572*, Aug. 1894, ISOTYPE

*Andropogon longiberis* Hack. f. *macra* Scribn., U.S. Dept. Agriculture Bull. 1: 20. 1895  
U.S.A.: Florida, Lake Co., Eustis, *G.V. Nash 1194*, 1-15 July 1894, TOPOTYPE

*Andropogon nashianus* Hitchc., Contr. U.S. Nat. Herb. 12: 193-194. 1909  
CUBA: Herradura, Province Pinar del Rio, *E.L. Ekman* (Amer. Gr. Nat. Herb. 1003), 21 June 1921, TOPOTYPE

*Andropogon praematurus* Fern., Rhod. 42: 413. 1940

U.S.A.: Virginia, northeast of Burgess, *Fernald & Long 8096*, 17 June 1938, PARATYPE

*Andropogon reedii* Hitchc. & Ekman, U.S. Dept. Agr. Misc. Publ. 243: 390. 1936  
CUBA: Minas, *E.L. Ekman* (Amer. Gr. Nat. Herb. 1004), 25 Oct. 1922, ISOTYPE

*Andropogon saccharioides* Swartz var. *longipaniculatus* Gould, Field. & Lab. 23: 18. 1955  
U.S.A.: Texas, Brazos Co., College Station, *F.W. Gould 5948*, 8 May 1951, PARATYPE and  
TOPOTYPE

*Andropogon scoparius* Michx. var. *virilis* Shinnery, Rhod. 56: 36-37. 1954  
U.S.A.: Texas, Greenville, *B.L. Turner 1383*, 11 Sept. 1949, PARATYPE

*Androsace bulleyana* G. Forest, Notes Roy. Bot. Gard. Edinburgh 4(19): 233. 1908  
CHINA: NE of Yangtze Bend, *G. Forest 10611*, July 1913, TOPOTYPE

*Andryala canariensis* Lowe, Man. Fl. Madeira 564. 1868  
CANARY ISLANDS: Tenerife, Ursula, *E. Asplund 160*, 8/3/1933, TOPOTYPE

*Andryala sinuata* L. var. *longipes* Petit (?), Publication unknown  
EUROPE: Möllen ad Primelli, *Petit (?)*, 4 Apr. 1884, ? TYPE COLLECTION MATERIAL

*Anemia sanctae-martae* Christ, Bull. Herb. Boissier 7: 791. 1907  
COLOMBIA: Santa Marta, *H.H. Smith 1114*, 1898-1901, ? ISOTYPE

*Anemone canadensis* L. f. *dicksonii* Boivin, Nat. can. 87: 26. 1960  
CANADA: Alberta, Lacombe, *R.H. Dixon*, 10 July 1927, HOLOTYPE

*Anemone multifida* Poir. var. *nowosadii* Boivin, Nat. can. 87: 26. 1960  
CANADA: British Columbia, Swift River along Alaska Hy., *F.S. Nowosad 31*, 4 July 1944,  
HOLOTYPE

*Anemone multifida* Poir. var. *sansonii* Boivin, Can. Field-Nat. 65: 2. 1951  
CANADA: Alberta, Banff Park, Tunnel Mt., *N.B. Sanson*, 8 June 1898, HOLOTYPE

*Anemone multifida* Poir. var. *sansonii* Boivin f. *galactiflora* Boivin, Can. Field-Nat. 65: 2. 1951  
CANADA: British Columbia, Thompson River, *A.J. Hill*, no date, HOLOTYPE

*Anemone multifida* Poir. var. *saxicola* Boivin  
CANADA: Alberta, Mount Coleman, *B. Boivin 4937*, 26 juillet 1946, PARATYPE; Waterton  
National Park, Summit, Carthew Trail, *J.J. Sexsmith 53*, 16 July 1937, PARATYPE; Banff, Mt.  
Edith, *J. Fletcher s.n.*, 8 July 1902, PARATYPE; British Columbia, Mt. Cheam, *J. Fletcher s.n.*,  
8 Aug. 1899, PARATYPE

*Anemone multifida* Poir. var. *saxicola* Boivin, Can. Field-Nat. 65: 2. 1951

CANADA: Alberta, Banff Park, Mt. Wilson, *B. Boivin 5005*, 27 July 1946, HOLOTYPE

*Anemone narcissiflora* L. ssp. *interior* Hulten, Fl. Alaska & Yukon 4: 735. 1944  
CANADA: Yukon Terr., Keno Hill, *Gillett et al. 4302*, 6 Aug. 1949, TOPOTYPE

*Anemone patens* L. var. *wolfgangiana* (Besser) Koch f. *stevensonis* Boivin, Phytologia 16: 240. 1968  
CANADA: Manitoba, Brandon, *G.A. Stevenson 2025*, 9 May 1960, HOLOTYPE

*Anemone sikokiana* Makino, Bot. Mag. Tokyo 27: 116. 1913  
JAPAN: Mt. Ishizuchi, *H. Yamamoto 33623*, 30 July 1921, TOPOTYPE

*Anemone virginiana* L. var. *cylindroidea* Boivin, Phytologia 18: 281. 1969  
CANADA: Saskatchewan, Pike Lake, *Boivin et al. 6733*, 31 July 1949, HOLOTYPE

*Angelica hendersonii* Coult. & Rose, Bot. Gaz. 13: 80. 1888  
U.S.A.: Washington, Pacific Co., 3 miles west of Ilwaco, *L. Constance 3643*, 30 July 1956, TOPOTYPE

*Angelica pringlei* Coult. & Rose, Contr. U.S. Nat. Herb. 3: 295. 1895  
MEXICO: Mexico, Sierra de Los Cruces, *C.G. Pringle 4748*, 25 July 1894, TOPOTYPE

*Angelica scabrida* Clokey & Mathias, Bull. S. Calif. Acad. Sc. 37: 8-10. 1938  
U.S.A.: Nevada, Clark Co., Charleston Park, *I.W. Clokey 5548*, 4 Aug. 1935, 10 July 1936, 25 July 1936, ISOTYPE

*Angelica tenuisecta* Makino, Jour. Jap. Bot. 3: 44. 1926  
JAPAN: Wakayama Pref., Shingu City, *T. Makino*, 1924, ? TYPE - PUBLICATION NOT AVAILABLE

*Anisomeles salvifolia* R. Br., Prodr. fl. Novae Hollandiae, 503. 1810  
AUSTRALIA: Keppel Bay, *R. Brown*, 1802-5, ? ISOTYPE

*Anoda hastata* Cavanilles, Diss. 1: 39, t. 10. 1785  
CUBA: Tomory Valley, *F. Rugel 40*, 1848, ? TYPE - PUBLICATION NOT AVAILABLE

*Anoda parviflora* Cavanilles, Diss. 5: 19, t. 431. 1788  
MEXICO: Jalisco, barranca of Tequila, *C.G. Pringle 4575*, 13 Oct. 1893, ? TYPE - PUBLICATION NOT AVAILABLE

*Antennaria aizoides* Greene, Pittonia 3: 283. 1898  
CANADA: Saskatchewan, Cypress Hills, *A.J. Breitung 4219*, 1 July 1947, TOPOTYPE

*Antennaria anaphaloides* Rydb. var. *straminea* Boivin

CANADA: British Columbia, Canal Flats, *J.W. Eastham*, 12 July 1947, HOLOTYPE

*Antennaria aprica* Greene f. *brunnea* Boivin

CANADA: Saskatchewan, Cypress Hills Park, *A.J. Breitung* 4409, 7 July 1947, PARATYPE

*Antennaria aprica* Greene f. *brunnea* Boivin, Nat. can. 80: 120. 1953

CANADA: Saskatchewan, Swift Current, *A.J. Breitung* 4146, 27 June 1946, HOLOTYPE

*Antennaria aprica* Greene f. *roseoides* Boivin, Nat. can. 80: 121. 1953

CANADA: Saskatchewan, Swift Current, *A.J. Breitung* 3970, 21 June 1947, HOLOTYPE

*Antennaria callilepis* Greene, Nat. can. 17: 201-202. 1904

CANADA: British Columbia, Chilliwack, *J.M. Macoun* 26186, 8 Aug. 1901, ISOTYPE

*Antennaria chlorantha* Greene, Nat. can. 18: 38. 1904

CANADA: British Columbia, Chilliwack, *J.M. Macoun* 26197, 23 July 1901, ISOTYPE

*Antennaria denikeana* Boivin

CANADA: Manitoba, near Winnipeg, *W.N. Denike* B-3, 22 May 1939, PARATYPE

*Antennaria denikeana* Boivin, Nat. can. 80(3-4): 121-122. 1953

MANITOBA: Sec. 9, Twp. 12, R. 6E, between Lyall and Hazelridge, *W.N. Denike* C-18, 28 May 1939, HOLOTYPE

*Antennaria leontopodioides* Cody, Can. Field-Nat. 70: 127. 1957

CANADA: District of Mackenzie, Indin Lake, *Cody & McCause* 3473, 12 Aug. 1949, HOLOTYPE

*Antennaria neodioica* Greene, Rhod. 35: 345. 1933

CANADA: Quebec, Rimouski Co., Bic, *M.L. Fernald* (Pl. Ex. Gray 599), 1 July 1931, TOPOTYPE

*Antennaria neodioica* Greene var. *gaspensis* Fernald, Ott. Nat. 19: 156. 1905

CANADA: Quebec, Gaspé Co., Mt. Ste. Anne, Percé, *M.L. Fernald* (Pl. Ex. Gray 291), 24 July 1905, TOPOTYPE

*Antennaria nordhagiana* Rune & Rønning, Sv. Bot. Tidskr. 50(1): 118. 1956

NORWAY: Finmark Co., Mt. Suoidnegaissa, *Rune & Rønning*, 13 Aug. 1954, ISOTYPE

*Antennaria parlinii* Fernald, Gard. & For. 10: 284. 1897

U.S.A.: Maine, North Berwick, *J.C. Parlin* (Pl. Ex. Gray 94), 30 May 1902, TOPOTYPE

*Antennaria pulcherrima* (Hook.) Greene var. *sordida* Boivin, Nat. can. 80: 124. 1953

CANADA: Keewatin, Ile Manawan (Baie James), *Dutilly & Lepage 15622*, 22 juil. 1946, HOLOTYPE

*Antennaria pulcherrima* (Hook.) Green var. *sordida* Boivin

CANADA: Manitoba, Churchill, *P.Q.MacKinnon 64*, 2 Aug. 1957, PARATYPE

*Antennaria rosea* Greene f. *decepiens* Boivin, Nat. can. 80: 124. 1953

CANADA: Alberta, Banff, *J. Fletcher*, 8 June, HOLOTYPE

*Antennaria rousseaui* Porsild, Can. Field-Nat. 63: 80. 1949

CANADA: Quebec, Rivière Payne, *J. Rousseau 991*, 7 août 1948, ISOTYPE

*Antennaria rupicola* Fernald, Rhod. 1: 74. 1899

U.S.A.: Maine, Aroostook Co., Mattawankeay River, Island Falls, *M.L. Fernald* (Pl. Ex. Gray 37), 3 June 1901, TOPOTYPE

*Antennaria russellii* Boivin, Phytologia 23: 61-62. 1972

CANADA: Saskatchewan, Cypress Hills Park, *A.J. Breitung 4414*, 7 July 1947, HOLOTYPE; Cypress Hills Park, *A.J. Breitung 4214*, 1 July 1947, PARATYPE; *A.J. Breitung 4426*, 7 July 1947, PARATYPE

*Antennaria russellii* Boivin, Phytologia 23: 61-62. 1972

CANADA: Saskatchewan, Cypress Hills, *A.J. Breitung 4414*, 7 July 1947, HOLOTYPE

*Antennaria soliceps* Blake, Proc. Biol. Soc. Wash. 51: 7-8. 1938

U.S.A.: Nevada, Clark Co., Charleston Mts., *I.W. Clokey 7459*, 18 July 1937, ISOTYPE

*Antennaria stenolepis* Greene, Ott. Nat. 17: 201. 1904

CANADA: British Columbia, Chilliwack, *J.M. Macoun 26187*, 30 June 1901, ISOTYPE

*Antennaria subviscosa* Fernald, Rhod. 16: 131. 1914

CANADA: Quebec, Rimouski Co., Bic, *A.A. De Champlain 1528*, 17 juil. 1947, TOPOTYPE

*Anthemis arvensis* L. var. *microcephala* Heldr., Publication unknown

EUROPE: Messenia, circa Kalamata, *Zahn*, 1-24 May 1898, ? TYPE COLLECTION MATERIAL

*Anthemis barrelieri* Tenore, Pradromo della Flora Napolitana, in Flora Nap. I. p.L. 1811-15

ITALY: Aprutii, "La Majella", *G. Rigo* (Dörfler Herb. Norm. 4117), Aug. 1898, TOPOTYPE

*Anthemis cyrenaica* Cosson, Bull. Soc. Bot. Franc. 19: 82. 1872

LIBYA: Cyrenaica, *A. Vaccari* (Fl. Lybica ex. 205), 6 Apr. 1913, TOPOTYPE

*Anthemis flexicaulis* Rech. f., Engl. Bot. Jahrb. 80: 415-416. 1961

GREECE: Insula Euboea meridionalis, 3 km a promontorio Kaphireos occidentem versus, *K.H. Rechinger 18943*, 22 June 1958, ISOTYPE

*Anthemis galilaea* Eig var. *rotundata* Yavin

PALESTINE: Sharon Plain, Env. of Sarafend, *Z. Yavin*, 16 May 1967, ? TYPE COLLECTION MATERIAL

*Anthemis glareosa* Dur. & Barr., Fl. Lib. prodr. p. 130. 1910

LYBIA: Tripolitania, Oasi di Tripoli, *A. Vaccari*, 24 Mar. 1914 (Fl. Lyb. Ex. 204), TOPOTYPE

*Anthemis kabylica* Battand. & Trab., Fl. de l'Algér (Dicot.) 484. 1889

ALGERIA: route du col de Tirouda, *St-Lager*, 9 July 1909, TOPOTYPE

*Anthemis klorasanica* Rech. f., Fedde Repert. 48: 130. 1940

IRAN: Khorasan, inter Marawe Tappeli et Budjnurd, *K.H. Rechinger 1802*, 25-27 July 1937, ISOTYPE

*Anthemis macrantha* Heuff. f. *monocephala* Gergely, Studii Cercet. Biol. Ser. Bot. 20(2): 135. 1968

ROMANIA: Transsilvania, distr. Alba, Mtes. Trascauenses, *I. Gergely*, ? TOPOTYPE

*Antidesma pulvinatum* Hilleb., Fl. Haw. Is. 403. 1888

HAWAIIAN ISLANDS: Maui, *O. Degener 8133*, 23 June 1927, TOPOTYPE

*Aphanostephus skirrhobasis* (DC.) Trel. f. *quasigigantiusculus* Shinnery, Wrightia 1: 103. 1946

U.S.A.: Texas, Freestone Co., 12 mi. S of Fairfield, *L.H. Shinnery 7104*, 9 Apr. 1945, ISOTYPE

*Aphelandra daemonia* Leonard, Contrib. U.S. Nat. Herb. 31: 223-226. 1953

COLUMBIA: Dept. Magdalena, near Bonda, vicinity of Santa Marta, *H.H. Smith 1415*, 31 Oct. 1898, ISOTYPE

*Aphelandra mildbraediana* Leonard, Contrib. U.S. Nat. Herb. 31: 218-220. 1953

COLUMBIA: Dept. Magdalena, above Las Nubes at Alto de Cielo, *H.H. Smith 1414*, 18 Dec. 1898, ISOTYPE

*Aphelexis selaginifolium* DC., Prodr. 6: 217. 1837

MADAGASCAR: Pic d'Gvohibe, *M. Decary 5296*, 23 Sept. 1926, TOPOTYPE

*Apios priceana* Robinson, Bot. Gaz. 25: 451-452. 1898

U.S.A.: Kentucky, Warren Co., Bowling Green, *S.F. Price*, July & Aug. 1896, ISOTYPE

*Apium australe* Thou., Flora Trist. D'Acugn 43

AUSTRALIA: *C.J. Cameron*, 1874, ? TYPE - PUBLICATION NOT AVAILABLE

- Aplopappus hallii* Gray, Proc. Am. Acad. 8: 389. 1872  
U.S.A.: Oregon, Wasco Co., The Dalles, *G.N. Jones 4281*, 15 Sept. 1933, TOPOTYPE
- Aplopappus orcuttii* Gray, Proc. Amer. Acad. 20: 297. 1885  
MEXICO: Baja California, Ensenada, *L.S. Rose 60080*, 22 Aug. 1960, TOPOTYPE
- Apocynum farwellii* Greene var. *glaucum* Farwell f. *anomalum* Farwell, Rep. Mich. Acad. Sc. 17: 170. 1916  
U.S.A.: Michigan, Oakland Co., Parkdale Farm near Rochester, *O.A. Farwell 3803*, 30 July 1914, ISOTYPE
- Apocynum rusanovii* Pob., Acad. Nauk. Bot. Inst. Gerbarii, Bot. Mat. 11: 129. 1948 (1949)  
U.S.S.R.: Ukraine, Prov. Cherson, insula Dsharylgacz, *E. Pobedimova*, 22 Aug. 1947, (Herb. Ex. USSR 3456), TOPOTYPE
- Aquilegia chrysantha* Gray var. *rydbergii* Munz f. *pleiocalcarta* Boivin, Amer. Midl. Nat. 50: 510. 1953  
CULTIVATED: Central Experimental Farm, Ottawa, Canada, *F. Fyles*, 4 July 1928, HOLOTYPE
- Aquilegia formosa* Fischer var. *communis* Boivin  
CANADA: British Columbia, Ruskin, *H. Groh s.n.*, 16 May 1931, PARATYPE; Mt. Cheam, *Fletcher & Anderson s.n.*, 15 Aug. 1901, PARATYPE; Enderby, *G.R. Sawes s.n.*, July 1898, PARATYPE
- Aquilegia formosa* Fisch. var. *communis* Boivin, Amer. Midl. Nat. 50: 510. 1953  
CANADA: British Columbia, Bennett, *Gillett & Mitchell 3661*, 11 July 1949, HOLOTYPE
- Aquilegia formosa* Fisch. var. *megalantha* Boivin, Amer. Midl. Nat. 50: 510. 1953  
CANADA: British Columbia, first summit W of Skagit River, *J.M. Macoun 69384*, 18 July 1905, HOLOTYPE
- Aquilegia scopulorum* Tidest. ssp. *perplexans* Clokey, So. Calif. Acad. Sc. Bull. 37: 3-4. 1938  
U.S.A.: Nevada, Clark Co., Charleston Mts., Charleston Peak, *I.W. Clokey 7094*, 16 July 1936, ISOTYPE
- Aquilegia splendens* G.N. Jones, Madrono 6: 85. 1941  
U.S.A.: Washington, Mt. Rainier, *W.C. McCalla 5098*, 3 Aug. 1938, TOPOTYPE
- Aquilegia wawawensis* Pays., Contr. U.S. Nat. Herb. 20: 145. 1918  
U.S.A.: Washington, Whitman Co., Snake River across from Truax, *G.N. Jones 1134*, 11 May 1928, TOPOTYPE
- Arabis anachoretica* Porta ex Huter, Oesterr. Bot. Zeitschr. 54: 139. 1904

ITALY: Tirol, Val di Ledro, *Porta*, July 1894, ISOTYPE

*Arabis boivinii* Mulligan, *Rhodora* 97: 157. 1995 [1996]

CANADA: Saskatchewan: District de Maple Creek, Carmichael, 10 milles au sud, Monts Cyprès, *Boivin & Alex* 9738, 8 juillet 1952, HOLOTYPE

*Arabis calderi* Mulligan, *Rhodora* 97: 144-147. 1995 [1996]

CANADA: British Columbia, common on open grassy flats on bench above river, Indian River at Mile 34 from Alaska Highway on Atlin Road, approx 59°54'N 133°48'W, *Calder & Gillett* 25180, 9 June 1960, HOLOTYPE

*Arabis ciliata* Clairv., *Man. Herb.*: 222. 1811

SWITZERLAND: Gessenaei republicae Bermae, in monte "Cholisgrind", *H. Burdet* (ex gen. 128), 18 June 1972, TOPOTYPE

*Arabis codyi* Mulligan, *Rhodora* 97: 151. 1995 [1996]

CANADA: Kaskawulsh nunatak, jct. N and central arms Kaskawulsh Glacier W of Kluane Lake, 6000 ft., *D.F. & B.M. Murray sn.*, 1 July-1 Aug. 1965, HOLOTYPE

*Arabis collinsii* Fern., *Rhod.* 7: 32. 1905

CANADA: Quebec, Rimouski Co., Bic, *Collins & Fernald*, 18 July 1904, ISOTYPE

*Arabis croatica* Schott, *Nym. & Kotschy Analecta bot.* 44. 1854

HUNGARY: Croatia, montium Vellebith ad Ostarjie, *Pichler* (Fl. ex. Aust.-Hung. 606), TOPOTYPE

*Arabis divaricarpa* Nelson var. *dechamplainii* Boivin, *Nat. can.* 94: 645. 1967

CANADA: Quebec, Bic, *A.A. De Champlain* 1577, 17 juil. 1947, HOLOTYPE

*Arabis divaricarpa* A. Nels. var. *hemicylindrica* Boivin, *Amer. Midl. Nat.* 54: 510. 1955

CANADA: Saskatchewan, Cypress Hills, *Boivin & Alex* 9738, 9 July 1952, HOLOTYPE

*Arabis divaricarpa* Nelson var. *stenocarpa* Hopkins, *Rhod.* 39: 133. 1937

CANADA: Quebec, Co. de Rimouski, Pointe du Vieux Bic, *J. Rousseau* 26391, 29 juin 1927, PARATYPE

*Arabis gunnisoniana* Rollins, *Rhod.* 43: 434. 1941

U.S.A.: Colorado, Gunnison Co., Saguache Creek, 6 mi. E of Gunnison, *R.C. Rollins* 2090, 21 May 1938, ISOTYPE

*Arabis hirsuta* (L.) Scop. var. *minshallii* Boivin, *Can. Field-Nat.* 65: 16. 1951

CANADA: Ontario, Carleton Co., Lemieux Island, *W.H. Minshall*, 26 June 1934, HOLOTYPE

*Arabis hispida* Mygind in Linné *Syst. Veget.* ed. XIII p. 501. 1774



AUSTRIA: montis "Kleiner Anninger" et vallis Klausen ad urbem Mödling. *Pernhoffer* (Fl. ex. Aust-Hung. 605), TOPOTYPE

*Arabis holboellii* Hornem. var. *fendleri* S. Wats., A. Gray, Syn. Fl. 1: 164. 1895  
U.S.A.: New Mexico, Canon one mile SE of Santa Fe, *A.A. & E.G. Heller 3562*, 21 May 1897, TOPOTYPE

*Arabis lyrata* L. ssp. *kamtschatica* (Fisch.) Hult., Publication unknown  
U.S.S.R.: Kamchatskay province, Koryaksky Natsionalny okrug, *Kharkevich & Buch*, 29 June 1976, ? TOPOTYPE

*Arabis lyrata* L. var. *kawasakiana* (Makino) Hiyama, Publication unknown  
JAPAN: Mie Pref., Yokkaichi, Yokkaichi City, *T. Makino*, 1913, ? TYPE COLLECTION MATERIAL

*Arabis murrayi* Mulligan, Rhodora 97: 151-152. 1995 [1996]  
CANADA: Yukon, Kaskawulsh nunatak jct. N and central arms Kaskawulsh Glacier W of Kluane Lake, 6000 ft., *D.F. & B.M. Murray 91b*, 1 July-1 Aug. 1965, HOLOTYPE

*Arabis neglecta* Schultes, Osterr. Flora II, 248. 1814  
HUNGARY: in valle "Grosses Kohlbachthal" Tatrae, *Pantocsek* (Fl. ex. Aust.-Hung. 602), TOPOTYPE

*Arabis ovirensis* Wulfen in Jacquin, Collectanea ad botanicum 1: 196-197. 1786.  
HUNGARY: Carinthia, montis obir supra Ebriancum, *Jabornegg* (Fl. Aust.-Hung. 601), TOPOTYPE

*Arabis petrogena* A. Kerner, Oesterr. bot. Zeitschr. 13: 141. 1863  
HUNGARY: Budam, *Staub & Steinitz* (Fl. ex. Austro-Hung. 604), TOPOTYPE

*Arabis retrofracta* Graham var. *multicaulis* Boivin, Can. Field- Nat. 67: 17. 1951  
CANADA: Alberta, Jasper National Park, *G.H. Turner 5086*, 14 Aug. 1946, HOLOTYPE

*Arabis rimarum* Rech. f., Phytion 3: 58. 1981  
IRAN: Shahrud-Bustan, Khosh-Jaila, *K.H. Rechinger 5420*, 17 June 1948, PARATYPE

*Arabis viridis* Harger, Rhod. 13: 38. 1911  
U.S.A.: Connecticut, Southbury, *C.B. Harger*, 13 June and Sept. 1920 (Pl. ex. Gray 458), TOPOTYPE

*Aragallus albertinus* Greene, Proc. Biol. Soc. Wash. 18: 15. 1905 (1906)  
CANADA: Saskatchewan, Prince Albert, *J.S. Rowe 536*, 16 June 1952, TOPOTYPE

*Aragallus aven-nelsonii* Lunell, Bull. Leeds Herbarium 2: 6. 1908

U.S.A.: North Dakota, Benson Co., Butte, *J. Lunell*, 2 July 1908, TOPOTYPE

*Arbutus canariensis* Duhamel, *Traité des Arbres et Arbustes* Ed. 2, i. 80. 1825  
CANARY ISLANDS: Tenerife, Valle de Orotava, *E. Asplund* 173, 9 Mar. 1933, TOPOTYPE

*Arceuthobium pusillum* Peck, *Ann. Rep. N.Y. State Museum, Nat. Hist.* 112. 1875  
U.S.A.: New York, Forestburgh, *C.H. Peck*, TOPOTYPE, ? ISOTYPE

*Archangelica dentata* Champm., in *Torrey & Gray, Flora of North America* 1: 622. 1840  
U.S.A.: Florida med., supra *Aspalaga Rugel*, Oct. 1845, TOPOTYPE

*Archemora fendleri* A. Gray, *Mem. Am. Acad.* II 2: 56. 1849  
U.S.A.: New Mexico, Santa Fe Canyon, 9 miles east of Santa Fe, *A.A. & E.G. Heller* 3801, 2 July 1897, TOPOTYPE

*Arctagrostis arundinacea* (Trin.) Beal var. *crassispica* Bowden, *Can. Jour. Bot.* 38: 118-119. 1960  
CANADA: Dist. of Mackenzie, Norman Wells, *Cody & Gutteridge* 7808, 5 Aug. 1953, HOLOTYPE

*Arctagrostis uva-ursi* (L.) Spreng. var. *coactilis* Fern. & Macbride f. *heterochroma* Fern., *Rhod.* 35: 350. 1933  
U.S.A.: Massachusetts, Wellfleet, *Fernald et al.* (Pl. Ex. Gray 674), 13 Oct. 1932, PARATYPE, TOPOTYPE

*Arctomecon californica* T. & F., *Fremont Report* p. 312. 1884  
U.S.A.: California, Clark Co., W of Las Vegas, *I.W. Clokey* 5837, 23 April 1938, TOPOTYPE

*Arctostaphylos andersonii* Gray var. *pajaroensis* Adams ex McMinn, *Calif. Shrubs* 418. 1939  
U.S.A.: California, Monterey Co., west of Prunedale, *L.S. Rose* 50025, 27 Feb. 1950, TOPOTYPE

*Arctostaphylos auriculata* Eastwood, *Bull. Torrey Bot. Club* 32: 202-203. 1905  
U.S.A.: California, Contra Costa Co., Mt. Diablo, above Rock City, *L.S. Rose* 49004, 6 Mar. 1949, TOPOTYPE

*Arctostaphylos bakeri* Eastwood, *Leafl. West. Bot.* 1: 115. 1934  
U.S.A.: California, Sonoma Co., 2 mi. NE of Occidental, *L.S. Rose* 55031, 21 Mar. 1955, TOPOTYPE

*Arctostaphylos coloradensis* Rollins, *Rhod.* 39: 436. 1937  
U.S.A.: Colorado, Mesa Co., 3 mi. W of Cold Spring, *W.A. Weber* 3674, 28 Aug. 1947, TOPOTYPE

*Arctostaphylos crustacea* Eastwood, *Leafl. West. Bot.* 1: 74. 1933

U.S.A.: California, San Mateo Co., Kings Mountain, *L.S. Rose 42007*, 30 Mar. 1942,  
TOPOTYPE

*Arctostaphylos cushingiana* Eastwood, Leafl. West. Bot. 1: 75, 1933

U.S.A.: California, Marin Co., Mt. Tamalpais, *L.S. Rose 61005*, 17 Feb. 1961, TOPOTYPE

*Arctostaphylos densiflora* M.S. Baker, Leafl. West. Bot. 1: 31. 1932

U.S.A.: California, Sonoma Co., Vine Hill Schoolhouse, 10 miles west of Santa Rosa, *J. Clausen 743*, 26 Mar. 1933, TOPOTYPE

*Arctostaphylos edmundsii* J.T. Howell, Leafl. West. Bot. 6: 202- 203. 1952

U.S.A.: California, Monterey Co., Little Sur, Hurricane Pt., *Everett & Balls 24002*, 29 Oct. 1959,  
TOPOTYPE

*Arctostaphylos franciscana* Eastwood, Bull. Torrey Bot. Club 32: 201-202. 1905

U.S.A.: California, San Francisco Co., San Francisco, Laurel Hill Cemetary, *L.S. Rose 42002*, 19  
Mar. 1942, TOPOTYPE

*Arctostaphylos glandulosa* Eastwood var. *crassifolia* Jepson, Madrono 1:86. 1922

U.S.A.: California, between Del Mar and San Diego, *A.J. Breitung 15352*, 31 May 1953,  
TOPOTYPE

*Arctostaphylos helleri* Eastwood, Leafl. West. Bot. 4: 148. 1945

U.S.A.: California, Amador Co., Ione (cult. at Regional Parks Botanic Garden, Contra Costa Co.,  
*W. Knight 2789*, 28 Sept. 1969, TOPOTYPE

*Arctostaphylos howellii* Eastwood, Leafl. West. Bot. 1: 123. 1934

U.S.A.: California, Monterey Co., Santa Lucia Mts., *J.T. Howell 30156*, 17 May 1955,  
TOPOTYPE

*Arctostaphylos imbricata* Eastwood, Proc. Cal. Acad. Sci. 20: 149. 1931

U.S.A.: California, San Mateo, Co., San Bruno Mts., *P.H. Raven 2733*, 18 Feb. 1951,  
TOPOTYPE

*Arctostaphylos laevigata* Eastwood, Leafl. West. Bot. 1: 76. 1933

U.S.A.: California, Contra Costa Co., W slope of Mt. Diable near Rock City, *L.S. Lewis 49014*,  
24 Mar. 1949, TOPOTYPE

*Arctostaphylos laxiflora* Heller, Leafl. West. Bot. 4: 149. 1945

U.S.A.: California, Butte Co., Near Forest Ranch, *A.A. Heller 14477*, 27 Feb. 1928, TOPOTYPE

*Arctostaphylos montereyensis* Hoover, Leafl. West. Bot. 10: 87-90. 1964

U.S.A.: California, Monterey Airport, *R.F. Hoover 8614*, 17 Dec. 1963, ISOTYPE

- Arctostaphylos morroensis* Wiesel. & Schreib., Madrono 5: 42-43. 1939  
U.S.A.: California, San Luis Obispo Co., S side of Morro Bay, *Thorne & Everett 31624*, 22 Apr. 1963, TOPOTYPE
- Arctostaphylos myrtifolia* Parry, Pittonia 1: 34-35. 1887  
U.S.A.: California, Amador Co., 1 mi. SE of Ione, *L.S. Rose 66000*, 26 Feb. 1966, TOPOTYPE
- Arctostaphylos oaxacana* DC., Prodr. 7: 585. 1839  
MEXICO: Oaxaca, hills above Oaxaca City, *C.G. Pringle 13762*, 22 May 1906, TOPOTYPE
- Arctostaphylos obispoensis* Eastwood, Leafl. West. Bot. 2: 8. 1937  
U.S.A.: California, San Luis Obispo Co., along Cuesta Ridge Rd., *Thorne & Everett 32151*, 7 June 1963, TOPOTYPE
- Arctostaphylos pajaroensis* Adams, J. Elisha Mitchell Sci. Soc. 56: 41, 1940  
U.S.A.: California, Monterey Co., W of Prunedale, *L.S. Rose 61036*, 12 Apr. 1961, TOPOTYPE
- Arctostaphylos pilosula* Jepson & Wieslander, Erythea 8: 101. 1938  
U.S.A.: California, Arroyo Grande, *A.E. Wieslander 610*, 26 Feb. 1936, ? TYPE -  
PUBLICATION NOT AVAILABLE
- Arctostaphylos regismontana* Eastwood, Leafl. West. Bot. 1: 77. 1933  
U.S.A.: California, San Mateo Co., Kings Mountain, *L.S. Rose 61003*, 16 Feb. 1961,  
TOPOTYPE
- Arctostaphylos rosei* Eastwood, Leafl. West. Bot. 1: 77-78. 1933  
U.S.A.: California, San Francisco, east side of Lake Merced, *R.F. Hoover 8739*, 23 Apr. 1964,  
TOPOTYPE (Type shrub)
- Arctostaphylos sensitiva* Jepson, Madrono 1: 85. 1922  
U.S.A.: California, Marin Co., West Point Trail, Mt. Tamalpais, *L.R. Abrams*, 19 Feb. 1926,  
TOPOTYPE
- Arctostaphylos silvicola* Jepson & Wieslander, Erythea 8: 101. 1938  
U.S.A.: California, Santa Cruz Co., Mt. Hermon, *L.S. Rose 55011*, 3 Mar. 1955, TOPOTYPE
- Arctostaphylos sonomensis* Eastwood, Leafl. West. Bot. 1: 78-79. 1933  
U.S.A.: California, Sonoma Co., Rincon Ridge, east of Sonoma, *L.S. Rose 48002*, 17 Jan. 1948,  
TOPOTYPE
- Arctostaphylos stanfordiana* Parry, Bull. Cal. Acad. 2: 493. 1887; J. Elisha Mitchell Sci. Soc. 56:  
19. 1940  
U.S.A.: California, Napa Co., Calistoga Quadrangle, *A.E. Wieslander 356*, 24 Feb. 1934,  
TOPOTYPE

- Arctostaphylos tracyi* Eastwood, Leafl. West. Bot. 1: 79. 1933  
U.S.A.: California, Humboldt Co., Big Lagoon, *J.P. Tracy 8331*, 14 Aug. 1927, TOPOTYPE
- Arctostaphylos truei* Knight, The Four Seasons 3(1): 19-20. 1969  
U.S.A.: California, Plumas Co., Feather River Canyon, *Howell & True 42229*, 9 May 1967, TOPOTYPE
- Ardisia pickeringia* T. & G. in A. DC. Prodr. 8: 124. 1844  
U.S.A.: Florida, Key West, *J.M. Gillett 7388*, 2 Dec. 1952, TOPOTYPE
- Arenaria compacta* Cov., Proc. Biol. Soc. Wash. 7: 67. 1892  
U.S.A.: California, Inyo Co., Army Pass, *J.T. Howell 26046*, 5 Aug. 1949, TOPOTYPE
- Arenaria congesta* Nutt. var. *glandulifera* Maguire, Amer. Midl. Nat. 46: 501. 1951  
U.S.A.: Idaho, Washington Co., 10 mi. SE of Weiser, *Ownbey & Ownbey 2763*, 12 June 1946, ISOTYPE
- Arenaria cumberlandensis* Wofford & Kral, Brittonia: 31: 255. 1979  
U.S.A.: Tennessee, Pickett Co., Pickett State Park, *Wofford et al. 79-205*, 13 July 1979, TOPOTYPE
- Arenaria dawsonensis* Britton, Bull. N.Y. Bot. Gard. 2: 169. 1901  
CANADA: Yukon Terr. 7-8 mi. E of Dawson, *Calder & Billard 3530*, 5 July 1949, TOPOTYPE
- Arenaria fendleri* Gray var. *glabrascens* S. Wats, U.S. Geolog. Explor. Fortieth Parallel 5: 40. 1871  
U.S.A.: Nevada, Lander Co., Kingston Creek, *Linsdale & Linsdale 168*, 15 June 1930, TOPOTYPE
- Arenaria huteri* Kerner, Olsterr. bot. Zeitsch 22: 368. 1872  
AUSTRIA: Canale di Cimolais, *Huter*, ISOTYPE
- Arenaria lanuginosa* (Michx.) Rohrb. var. *longipedunculatum* Duncan, Phytologia 3: 282. 1950  
U.S.A.: Georgia, Fulton Co., Chattahoochee R., *W.H. Duncan 9701*, 5 June 1949, ISOTYPE
- Arenaria litorea* Fern., Rhod. 8: 33. 1906  
CANADA: Quebec, Carleton, Tracadigash Point, *Fernald & Weatherby* (Pl. ex. Gray. 547), 12 July 1931, TOPOTYPE
- Arenaria macrocarpa* Pursh var. *jooi* (Makino) Mizushima, Publication unknown  
JAPAN: Prov. Shimano, Hondo, Mt. Yatsugatake, *T. Makino*, Aug. 1907, ? TYPE  
COLLECTION MATERIAL
- Arenaria peploides* L. ssp. *major* Mizushima, Publication unknown

JAPAN: Prov. Ugo, Hondo, Isl. Tobishima, Akumi-gun, *T. Makino*, 1931, ? TYPE  
COLLECTION MATERIAL

*Arenaria pumicola* Cov. & Leib., Proc. Biol. Soc. Wash. 11: 169. 1897  
U.S.A.: Oregon, Kalmath Co., Crater Lake, *J.W. Thompson 12224*, 20 July 1935, TOPOTYPE

*Arenaria pungens* Clem. in Boissier Lag. Gen. et Sp. Nov. p. 15. 1816  
SPAIN: Sierra Nevada, Herb. *E. Boissier*, Aug. 1837, TOPOTYPE

*Arenaria rosei* Maguire & Barneby, Leafl. West. Bot. 8: 56-57. 1956  
U.S.A.: California, Trinity Co., 1 mi. SW of Peanut, *L.S. Rose 55126*, 17 July 1955, PARATYPE

*Arenaria rubella* (Wahl.) Sm. f. *plena* Calder in Boivin, Can. Field-Nat. 65: 4. 1951  
CANADA: Dist. of Franklin, Baffin Island, Frobisher Bay, *Senn & Calder 3739*, 3 July 1948,  
HOLOTYPE

*Arenaria tetraquetra* L.  $\beta$  *granatensis* Boiss, El. no. 34. 1838  
SPAIN: Sierra Nevada, *E. Boissier*, July-Aug. 1837, ? TYPE COLLECTION MATERIAL

*Argemone corymbosa* Greene ssp. *arenicola* Ownbey, Mem. Torrey Bot. Club 21: 118. 1958  
U.S.A.: Utah, Emery Co., 37.9 mi. SW of Green R. on road to Hanksville, *Ownbey & Ownbey 2146*, 7 June 1954, ISOTYPE

*Argemone hispida* Gray, Mem. Amer. Acad. ser. 2 4: 5. 1849  
U.S.A.: New Mexico, Santa Fe, *A.A. & E.G. Heller 3704*, 14 June 1897, TOPOTYPE

*Argemone munita* Dur. & Hilg. ssp. *robusta* Ownbey, Mem. Torrey Bot. Club 21: 73. 1958  
U.S.A.: California, Orange Co., between Modjeska Peak and Santiago Peak, *Ownbey & Ownbey 2177*, 2 July 1954, PARATYPE

*Argemone pleiacantha* Greene ssp. *ambigua* Ownbey, Mem. Torrey Bot. Club 21: 01. 1958  
U.S.A.: Arizona, Gila Co., 37.2 mi. NE of Globe. *Ownbey & Ownbey 1803*, 4 Sept. 1953,  
PARATYPE

*Argyrophyllum sandwicense* Hooker, Comp. Bot. Mag. 2: 163. 1836  
HAWAIIAN ISLANDS: Mauna Ken, source of Wailuku River, *C.N. Forbes 880H*, 19 June  
1915, TOPOTYPE

*Arisaema tosaense* Makino Bot. Mag. Tokyo 15: 130. 1901  
JAPAN: Mt. Yokogura, Ochi-cho, Takaoka-gun, Koochi Pref., *T. Makino*, June 1893, TYPE  
COLLECTION MATERIAL

*Aristida fragilis* Hitchc. & Ekman, North Amer. Flora 17: 393. 1935  
CUBA: Province Pinar del Rio, San Juan and Martinez, *E.L. Ekman* (Amer. Gr. Nat. Herb. 1010)

6 June 1923, TOPOTYPE

*Aristida laevigata* Hitchc. & Ekman, North Amer. Flora 17: 390-391. 1935

CUBA: Province Oriente, headwaters of Rio Piloto, Sierra de Nipe, *E.L. Ekman* (Amer. Gr. Nat. Herb. 1011) 21 Sept. 1922, ISOTYPE

*Aristida patula* Chapm., Bull. Torrey Bot. Club. 23: 98. 1896; Fl. S. U.S.A. 663. 1884

U.S.A.: Florida, Brevard Co., Titusville, *G.V. Nash 2295*, 30 July-1 Aug. 1895, TOPOTYPE

*Aristolochia bianorii* Sen. et Pau., Bull. Inst. Catal. Hist. Nat. 11: 19. 1911

SPAIN: Baléares, Montagnes à Soller, *F. Bianor* (Pl. d'Espagne- F. Sennen Na 1284), May 1911, TOPOTYPE

*Armeria berlengensis* Dav. var. *villosa* Dav., Bol. Soc. Geogr. de Lisboa 4(9): 427. 1884

PORTUGAL: Ile Berlenga, *J. Daveau* (Ch. Magnier, Fl. sel. ex. 951), mai-juin 1884, TOPOTYPE

*Armeria caespitosa* (Ortg.) Boiss. var. *genuina* C. Vic. & Beltr., Bol. Real Soc. Esp. Hist. Nat. 13: 305-312. 1913

SPAIN: Sierra Guadarrama, Puerto de Navacerrada, *J. Beltroiss*, May 1912, TOPOTYPE

*Armeria eriophylla* Willk. Bol. Soc. Broter. 2: 145. 1884

PORTUGAL: Braganca, *J. Castro*, July 1939, TOPOTYPE

*Armeria ruscinonesis* Gir., Ann. Sc. Nat. Ser. III 2: 323. 1844

SPAIN: Banyuls-sur-Mer, *J. Kohlmeyer 1374*, 21 May 1962, TOPOTYPE

*Armoracia aquatica* (Eaton) Wiegand f. *capillifolia* Victorin & Rousseau, Contrib. Inst. Bot. Univ. Montreal 36: 18. 1940

CANADA: Québec, Chambly Co., Boucherville, *Marie-Victorin & Rolland-Germain 33988*, 11 sept. 1930, ISOTYPE

*Arnica aprica* Greene, Ott. Nat. 15: 280. 1902

CANADA: British Columbia, Chilliwack Valley, *J.M. Macoun 26284*, 10 July 1901, ISOTYPE

*Arnica frigida* Meyer var. *glandulosa* Boivin, Rhod. 55: 56. 1953

CANADA: Yukon Territory, Klondike River, about 20 miles east of Dawson on road to McQuester, *Calder & Billard 3767*, 17 July 1949, HOLOTYPE

*Arnica maguirei* A. Nelson, Am. J. Bot. 21: 581. 1934

U.S.A.: Montana, Glacier National Park, *Maguire et al. 15356*, 11 July 1934, TOPOTYPE

*Arnica nevadensis* Gray, Proc. Am. Acad. 19: 55. 1883

U.S.A.: California, Tehama Co., Mineral Mt., *A.A. Heller 15291a*, 28 July 1938, TOPOTYPE

*Arnica sornborgeri* Fernald var. *ungavensis* Boivin, Nat. can. 75: 211. 1948  
CANADA: Quebec, Ungava, Fort Chimo, *Dutilly & Lepage 14768*, 17 août 1945, HOLOTYPE

*Arnica whitneyi* Fernald, Rhod. 37: 334-335. 1935  
U.S.A.: Michigan, Keweenaw Co., Copper Harbor, *C.D. Richards 2221*, 28 June 1949,  
TOPOTYPE

*Arrabidaea magnifica* Sprague, Recueil. Trav. Bot. Néerl. 24: 830. 1927  
COLOMBIA: Santa Marta, *H.H. Smith 741*, 1898-1901, ? ISOTYPE

*Arrabidaea pachyalyx* Sprague, Bull. Herb. Boissier 6: 373. 1906  
COLOMBIA: Santa Marta, *H.H. Smith 744*, 1898-1901, ? ISOTYPE

*Arrabidaea sanctae-martae* Sprague ex Sandw., Recueil Trav. Bot. Néerl. 34: 229. 1937  
COLOMBIA: Santa Marta, *H.H. Smith 743*, 1898-1901, ? ISOTYPE

*Arrenantherum palaestinum* Boiss., Pl. Orient ser. 1, 13: 51. 1833  
PALESTINE: Jerusalem, Mt. Scopus, *Zohary & Jahlom* (Fl. Pal. Ex. 108), 15 Apr. 1931,  
TOPOTYPE

*Arrhenatherum thorei* Desm. var. *versicolor* Miciol in Magnier Fl. Sel. ex. 728. 1883  
FRANCE: Finistère, Gorlan, *Miciol*, 14 juillet 1883, ISOTYPE

*Artagrostis arundinaceae* (Trin.) Beal var. *crassispica* Bowden  
CANADA: Yukon, Coffee Creek, *M.O. Malte s.n.*, 6 Aug. 1916, PARATYPE

*Artemisia aralensis* H. Krasch., Publication unknown  
U.S.S.R.: coll. ? 3196, 26 June 1908, ? TYPE COLLECTION MATERIAL

*Artemisia austriaca* Jacq. var. *advena* Rech. f., Publication unknown  
AUSTRIA: Wein, Breitenlee, zwischen den Bahngeleisen, *K.H. Rechinger*, Oct. 1949, ISOTYPE

*Artemisia canadensis* Michx., Fl. Bor. Am. 2: 128-129. 1803  
CANADA: Quebec, Lac Saint-Jean, Ile Dumais, *Victorin 15448*, 25 July 1921, TOPOTYPE

*Artemisia canadensis* Michx. f. *pumila* Victorin & Rousseau, Nat. can. 71: 197. 1944  
CANADA: Quebec, Co. de Bonaventure, Paspébiac, *Victorin et al. 33772*, 17 août 1930,  
ISOTYPE

*Artemisia canadensis* Michx. f. *rupestris* Victorin & Rousseau, Nat. can. 71: 192. 1944  
CANADA: Quebec, Co. Rimouski, Bic, *Victorin et al. 45472*, 6 août 1933, ISOTYPE

*Artemisia caudata* Michx. var. *majuscula* Victorin & Rousseau, Nat. can. 71: 199. 1944  
CANADA: Quebec, Pontiac Co., Ile-aux-Allumettes, *Victorin et al. 43926*, 15 août 1933,



## PARATYPE

*Artemisia caudata* Michx. var. *rydbergiana* Boivin, Nat. can. 82: 171. 1955  
CANADA: Yukon, Whitehorse, *Gillett & Mitchell 4486*, 15 Aug. 1949, HOLOTYPE

*Artemisia caudata* Michx. var. *rydbergiana* Boivin  
CANADA: Yukon, 3 miles north of Mayo, *J.A. Calder 4294*, 8 Aug. 1949, PARATYPE; McRae's Landing on the Stewart River near the McQuesten River, 63°33'N 137°27'W, *Gillett & Mitchell 4163*, 29 July 1949, PARATYPE

*Artemisia deserti* H. Krasch. in sched, Herb. Fl. URSS 10: 106. 1936  
U.S.S.R.: Turcomania, Montes Kjuren-dagh, *N. Androssov*, (Herb. Fl. URSS 3199a), 20 Oct. 1915, ISOTYPE

*Artemisia eriantha* Tenore, Index Seminum Hort. Neap. 14. 1830  
ITALY: La Majella, *G. Rigo*, Aug. 1898 (Dörfner Herb. Norm. 4127), TOPOTYPE

*Artemisia frigida* Willd. var. *williamsae* Welsh, Great Basin Naturalist 28(3): 149-151. 1968  
CANADA: Yukon Territory, Slims R., S end of Kluane Lake, 61°01'N 138°31'W, *Cody & Ginns 28606*, 29 July 1980, TOPOTYPE

*Artemisia glauca* Pallas var. *megacephala* Boivin, Nat. can. 82: 167. 1955  
U.S.A.: Alaska, Glen Highway Mile 102, *E. Lepage 25283a* 21 July 1949, HOLOTYPE

*Artemisia glauca* Pallas var. *megacephala* Boivin  
CANADA: Alberta, Spidden, *E.C. Taylor s.n.*, 3 Oct. 1933, PARATYPE; Golf Course at Lac Beauvert near Jasper, *G.H. Turner 6923*, 5 Aug. 1949, PARATYPE

*Artemisia herba-alba* Asso., Syn. Arag. 117  
SPAIN: Calatayud, *C. Vicioso*, 27 Sept. 1907, TOPOTYPE

*Artemisia hultenii* Maximova, Pl. ex. CCCP 6098. 1982  
U.S.S.R.: Archipelagus insulae Ursinae (mare Sibiricum orientale), insula Leontjevi, *M. Maximova*, 24 Aug. 1971, ISOTYPE

*Artemisia hyperborea* Rydb., N. Amer. Flora 34: 262. 1916  
CANADA: Dist. of Mackenzie, Cape Young, *J.A. Parmelee 3040*, 1 Aug. 1963, TOPOTYPE

*Artemisia lindleyana* Besser in Hook., Fl. Bor. Am. 1: 322. 1833  
U.S.A.: Washington, Walla Walla Co., Walla Walla, *R.K. Beattie 11750*, 1 Aug. 1946,  
POSSIBLE TOPOTYPE

*Artemisia palmeri* Gray, Proc. Am. Acad. 11: 79. 1876

U.S.A.: California, San Diego Co., *F.F. Gander 2910*, 14 Aug. 1936, TOPOTYPE

*Artemisia parishii* Gray, Proc. Amer. Acad. 17: 220. 1882

U.S.A.: California, Los Angeles Co., 3 miles SW of Newhall, *J.T. Howell 27484*, 9 Nov. 1950, TOPOTYPE

*Artemisia porteri* Cronquist, Madrono 11: 145. 1951

U.S.A.: Wyoming, Fremont Co., Riverton, *C.L. Porter 4969*, 6 July 1949, ISOTYPE

*Artemisia richardsoniana* Bess. Hooker, Fl. Bor.-Am. 1: 323. 1833

CANADA: Dist. of Mackenzie, Cape Parry Peninsula region, 69°41'N 124°39'W, *Scotter & Zoltai 25595*, 18 July 1978, TOPOTYPE

*Artemisia rothrockii* Gray, Bot. Cal. 1: 618. 1876

U.S.A.: California, Tulare Co., *J.T. Howell 26102*, 7 Aug. 1949, TOPOTYPE

*Artemisia rupestris* L. ssp. *woodii* Neilson, Can. Field-Nat. 82: 119. 1968

CANADA: Yukon, S flank of (Sheep Mt.) Mt. Wallace, *J.A. Neilson 1136*, 19 July 1967, TOPOTYPE

*Artemisia scopulorum* Gray, Proc. Acad. Phil. 1863: 66. 1864

U.S.A.: Colorado, Gray's Peak, *L. & E.H. Kelso 4508*, 2 Aug. 1944, TOPOTYPE

*Artemisia terrae albae* H. Krasch., Otch. O Rab., Pochv.-Bot. Otr. Kazaksk. Eksp. Ansssr. IV (2), 1930

U.S.S.R.: Turgai, Kasakstan, *M.D. Spiridonov 1798*, 19 Dec. 1927, TOPOTYPE

*Artocarpus hainanensis* Merr., Publication unknown

CHINA: Hainan, Yaichow, *H.Y. Liang 62103*, 16 July 1933, ? TYPE COLLECTION MATERIAL

*Asclepias incarnata* L. f. *rosea* Boivin, Nat. can. 94: 521. 1967

CANADA: Ontario, Middlesex Co., Harrietsville, *W.G. Dore 44-35*, 8 July 1944, HOLOTYPE

*Asclepias syriaca* L. f. *leucantha* Dore, Rhod. 46: 387-388. 1944

CANADA: Ontario, Renfrew Co., 4 miles west of Renfrew, *W.G. Dore*, 8 July 1943, HOLOTYPE

*Asclepias syriaca* L. f. *leucantha* W.G. Dore

CANADA: Quebec, Papineau County, railway embankment east of Thurso, *Groh & Dore, s.n.*, 16 July 1943, PARATYPE; Ontario, Carleton County, Fitzroy Township, east of Pakenham, *W.G. Dore s.n.*, 8 July 1943, PARATYPE; Ontario County, near Whitby, *W.G. Dore 44-44*, 15 July 1944, PARATYPE

- Asclepias syriaca* L. f. *polyphylla* Boivin, Nat. can. 94: 521. 1967  
U.S.A.: South Dakota, River Jacques, 4 mi. NE of Yankton, *B. Boivin 13829*, 12 July 1960, HOLOTYPE
- Asclepias welshii* Holmgren & Holmgren, Brittonia 31(1): 110. 1979  
U.S.A.: Utah, Kane Co., north end of Coral Pink Sand Dunes, *Holmgren & Holmgren 9009*, 20 June 1978, ISOTYPE
- Asimina cuneata* Shuttl., Bot. Gaz. 11: 163. 1886  
U.S.A.: Florida, Lake Monroe, *Rugel 8*, May 1848, ISOTYPE
- Asimina longifolia* Kral var. *spatulata* Kral, Brittonia 12: 266. 1960  
U.S.A.: Alabama, 4 mi. NE of Geneva, *R. Kral 2486*, 27 May 1956, PARATYPE
- Asimina* ×*nashii* Kral, Brittonia 12: 270-271. 1960  
U.S.A.: Florida, 15 mi. SSE of Madison, *R. Kral 2707*, 15 June 1956, PARATYPE
- Asimina reticulata* Shuttl. ex Chapm., Fl. South U.S. ed. 2: 603. 1883  
U.S.A.: Florida, Lake Monroe, *Rugel 8*, May 1848, LECTOTYPE
- Asimina rugelii* B.L. Robins, Syn. Fl. N. Am. 1 suppl 465. 1897  
U.S.A.: Florida, prope Smyrna, *Rugel 9*, May 1848, ISOTYPE
- Asimina secundiflora* Shuttl., Jour. Bot. 65: 69. 1927  
U.S.A.: Florida, near Jacksonville and Smyrna, *Rugel 10*, Apr.-May 1848, ISOTYPE
- Asperula baetica* Rouy., Bull. Soc. Bot. Francais 38: 80. 1891  
SPAIN: Prov. d'Andalousie, Sierra de Grazalema, *Willkomm*, juillet 1890, (Elisee Reverchon, Pl. d'Espagne 501), ? TYPE - PUBLICATION NOT AVAILABLE
- Asperula doerfleri* Wettstein in Luerss., Biel. Bot. Heft. 26: 59. 1892  
ALBANIA: Wettstein, *I. Dörfler*, Julio 1914, (Herb. Norm. 5469), ? TYPE - PUBLICATION NOT AVAILABLE
- Asperula lutea* Sibth & Sm. ssp. *euboea* Ehrendorfer, Publication unknown  
GREECE: insula Euboea, *K.H. Rechinger 19198*, 27 June 1958, ISOTYPE
- Asperula occidentalis* Rouy, Flore de France 8: 60, 1903  
FRANCE: Basses-Pyrénées, prope Biarritz, *E.J. Neyraut*, (Dörfler, Herb. Norm. 4534), Aug. 1903, TOPOTYPE

*Asperula stricta* Boiss. ssp. *pruinosa* Ehrendorfer, Publication unknown  
GREECE: insula Euboea, *K.H. Rechinger 19312*, 29 June 1958, ? TYPE COLLECTION  
MATERIAL

*Aspidosperma elliptica* Rusby, Description of Three Hundred New Species of South American  
Plants, p. 82. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 836* (1898-1901), ISOTYPE

*Asplenium cryptolepis* Fernald, Rhod. 30: 41. 1928  
U.S.A.: Vermont, Manchester, *M.A. Day 253*, 29 June 1898, PARATYPE

*Asplenium dacicum* Borb., Term. Kozlem. 46: 71. 1898  
HUNGARY: Transsilvania, prope Petrozsény, *A. Richter*, July 1909, TOPOTYPE

*Asplenium ebenoides* (Scott) Wherry + *platyneuron* (L.) Oakes Amer. Fern. J. 46(2): 75-82. 1956  
U.S.A.: Michigan, Univ. bot. Gard. at Ann Arbor (cult.), *W.H. Wagner 8136*, 1955, ISOTYPE

*Asplenium fontanum* (L.) Bernh. ssp. *jahandiezii* Litard, Bull. Acad. int. geogr. bot. 1911:  
273-276  
FRANCE: Basses-Alpes, Pont du Soleil, *G. Gavelle*, 12 juillet 1962, TOPOTYPE

*Aster ageratoides* Turcz. ssp. *leiophyllus* Kitamura, Publication unknown  
JAPAN: Tochigi Pref., Nikko City, *T. Makino*, Aug. 1930, ? TYPE COLLECTION MATERIAL

*Aster bernardinus* Hall, Calif. Pub. Bot. 3: 79. 1907  
U.S.A.: California, San Bernardino, *S.B. Parish 5543*, 5 Sept. 1905, ISOTYPE

*Aster calderi* Boivin, Can. Field-Nat. 65: 14. 1951  
CANADA: Quebec, Hudson Bay Post, Fort Chimo, *J.A. Calder 2642*, 15 Aug. 1948,  
HOLOTYPE

*Aster castaneus* Burgess in Small, Fl. Southeastern U.S. 1211, 1339. 1903  
U.S.A.: New York, Hillview swamp, Yonkers, *E.S. Burgess*, 22 Sept. 1900, TOPOTYPE

*Aster catalaunicus* Willk. & Costa, Linnaea 30: 104-105. 1859-60  
SPAIN: Pyrénées, Ripoll au Catllar, *F. Sennen 990*, Sept. 1910, TOPOTYPE

*Aster chasei* G.N. Jones in Jones & Fuller, Vasc. Pl. Illinois 466. 1955  
U.S.A.: Illinois, Peoria Co., Peoria Heights, *V.H. Chase 13595*, 17 Aug. 1953, TOPOTYPE

*Aster kentuckiensis* Britton, Man. Fl. Northern States and Canada, 960. 1901  
U.S.A.: Kentucky, Bowling Green, *S.F. Price*, 1 Oct. 1900, ISOTYPE

*Aster laurentianus* Fernald, Rhod. 16: 59. 1914

CANADA: Prince Edward Island, Brackley Beach, *Erskine & Smith 2438*, 22 Aug. 1953, TOPOTYPE

*Aster linariifolius* L. var. *victorinii* Fernald, *Rhod.* 16: 194. 1914

CANADA: Quebec, Co. Portneuf, Saint-Raymond, *Marie-Victorin & Rolland-Germain 46693*, 9 août 1936, TOPOTYPE

*Aster longifolius* L. var. *villicaulis* Gray, *Syn. Fl.* 1(2): 189. 1884

U.S.A.: Maine, Fort Kent, *Robinson & Fernald* (Pl. ex. Gray. 54), 10 Aug. 1901, TOPOTYPE

*Aster microlonchus* Greene, *Ott. Nat.* 15: 278. 1902

CANADA: British Columbia, Chilliwack Valley between Lat 49° and 49°10', *J.M. Macoun*, 26384, 18 Aug. 1901, TYPE COLLECTION MATERIAL

*Aster nahanniensis* Cody in *Scotter & Cody*, *Nat. can.* 101: 888. 1974

CANADA: District of Mackenzie, South Nahanni River area, *G.W. Scotter 17412*, 16 Sept. 1971, HOLOTYPE

*Aster nemoralis* Ait. var. *blakei* Porter, *Bull. Torrey Bot. Club* 21: 311. 1894

U.S.A.: Maine, Mount Desert Island, *Rand & Redfield*, 18 Sept. 1894, TOPOTYPE

*Aster olivaceus* Burgess, *Mem. Torrey Bot. Cl.* 13: 204. 1906

U.S.A.: New York, Brace's Bay, Sheridan, *E.S. Burgess*, 15 Aug. 1896, PARATYPE

*Aster pattersoni* A. Gray, *Proc. Am. Acad.* 13: 272. 1878

U.S.A.: Colorado, headwaters of Clear Creek, Gray's Peak and vicinity, *H.N. Patterson 48*, Aug. 1885, TOPOTYPE

*Aster persaliens* Burgess, *Mem. Torrey Bot. Cl.* 13: 140. 1906

U.S.A.: New York, vicinity of New York, *E.S. Burgess*, 17 Sept. 1898, PARATYPE

*Aster puniceus* L. var. *calderi* (Boivin) Lepage f. *brachyphyllus* Lepage, *Nat. can.* 79: 183. 1952

CANADA: Quebec, Fort Chimo, *Dutilly et al. 28330*, 2 sept. 1951, ISOTYPE

*Aster pygmaeus* Lindl. In *DC. Prodr.* 5: 228. 1836

CANADA: District of Mackenzie, Bloody Falls on Coppermine River, *W.I. Findlay 205*, 27 July 1951, TOPOTYPE

*Aster roscidus* Burgess in *Britton & Brown*, *Illus. Fl.* 3: 360. 1898

U.S.A.: New York, vicinity of New York, *E.S. Burgess*, 14 Sept. 1898, TYPE COLLECTION MATERIAL

*Aster sibiricus* L. f. *albinus* Lepage, *Amer. Midl. Nat.* 46: 758. 1951 (1952)

U.S.A.: Alaska, Richardson Highway 20 miles south of Fairbanks, *E. Lepage 25,319*, 2 Aug.

1949, ISOTYPE

*Aster simmondsii* Small, Flora of Miami 190. 1913

U.S.A.: Florida, Dade Co., Everglades, *Small & Mosier 5563*, 28 Feb. 1915, TOPOTYPE

*Aster simplex* Willd. var. *estuarinus* Boivin, Nat. can. 94: 646. 1967

CANADA: Quebec, Co. Portneuf, Saint-Augustin, *Marie-Victorin & Rolland-Germain 2451*, 30 août 1943, HOLOTYPE

*Aster stragulus* Fernald, Rhod. 28: 214. 1926

CANADA: Newfoundland, Pistolet Bay, Cook Point, *Fernald et al. 28584*, 13 Aug. 1925, ISOTYPE

*Aster tenebrosus* Burgess in Britton & Brown, Illus. Fl. 3: 357. 1898

U.S.A.: New York, High Br., *E.S. Burgess*, 17 Aug. 1896, TYPE COLLECTION MATERIAL

*Aster trinervius* Don ssp. *amplenifolius* (Sieb. & Zucc.) Kitamura var. *yokoguraensis* Kitamura, Publication unknown

JAPAN: Kochi Pref., Mt. Yokogura, Ochi-cho, Takaoka-gun, *T. Makino*, 1892, ? TYPE COLLECTION MATERIAL

*Aster tripolium* L. var. *pygmaeus* Béguinot, Fl. Ital. Ex. Ser. 2, 1153

ITALY: Prov. di Venetia, Venetia, *A. Béguinot*, 10 Oct. 1909, ISOTYPE

*Aster yukonensis* Cronquist, Madrono 8: 98-99. 1945

CANADA: Yukon, south end of Kluane Lake, *Calder & Kukkonen 28230*, 13 Aug. 1960, TOPOTYPE

*Astragalus aequalis* Clokey, Madrono 6: 215. 1942

U.S.A.: Nevada, Clark Co., Harris Springs road, *I.W. Clokey 7572*, 4 June 1937, ISOTYPE

*Astragalus agnidicus* Barneby, Madrono 14: 39-40. 1957

U.S.A.: California, Humboldt Co., 4 mi. S of Miranda, *H. Tosten*, 7 June 1931, ISOTYPE

*Astragalus alpinus* L. var. *alaskanus* (Hulten) Lepage f. *albovestitus* Lepage, Amer. Midl. Nat. 46: 758. 1952

U.S.A.: Alaska, Kotzebue, *E. Lepage 25410*, 11 Aug. 1949, ISOTYPE

*Astragalus alpinus* L. var. *brunetianus* Fernald, Rhod. 10: 51. 1908

U.S.A.: Maine, Aroostook Co., Fort Fairfield, *M.L. Fernald 24*, 18 July 1893, ISOTYPE

*Astragalus amblytropis* Barneby, Amer. Midl. Nat. 41: 501. 1949

U.S.A.: Idaho, Custer Co., *D. Henderson 6310*, 21 July 1982, TOPOTYPE

- Astragalus callipheysa* Bunge, *Astragalus* 1: 76; 2: 128  
 IRAN: Prov. Yezd et Kerman, inter Yezd et Kerman, *K.H. & F. Rechinger 2850*, 22-23 Apr. 1948, TOPOTYPE
- Astragalus camptopus* Barneby, *Leafl. West. Bot.* 4: 228. 1946  
 U.S.A.: Idaho, Owyhee Co., 8 mi. SW of Bruneau, *Holmgren & Holmgren 4950*, 31 May 1971, TOPOTYPE
- Astragalus castaneiformis* Wats. var. *consobrinus* Barneby, *Amer. Midl. Nat.* 41: 496. 1949  
 U.S.A.: Utah, Wayne Co., *Holmgren et al. 2092*, 29 June 1965, TOPOTYPE
- Astragalus chrysostachys* Boiss. var. *khorsamicus* Sirj. & Rech. f., Publication unknown  
 IRAN: Khorasan, Montis Kopet Degh. inter Kucan et jugum Alamli, *K.H. Rechinger 4802*, 3 June 1948, ISOTYPE
- Astragalus coltoni* Jones, *Zoe* 2: 237. 1891  
 U.S.A.: Utah, Carbon Co., Castlegate, *M. Rever 413*, 20 June 1970, TOPOTYPE
- Astragalus coltoni* Jones var. *moabensis* Jones, *Contr. West. Bot.* 8:11. 1898  
 U.S.A.: Utah, San Juan Co., 13 miles south of Moab, *A. Cronquist 8997*, 12 May 1961, TOPOTYPE
- Astragalus cronquistii* Barneby, *Mem. N.Y. Bot. Gard.* 13(1): 258. 1964  
 U.S.A.: Utah, San Juan Co., 9 miles west of Bluff, *A. Cronquist 9123*, 27 May 1961, ISOTYPE
- Astragalus danicus* Retz. f. *albiflorus* Podp., *Fl. ex. Rep. Bohem. Slov.* 841  
 CZECHOSLOVAKIA: Moravia Merid. Or., Uh. Ostroh, *Podpera & Filipi 5* June 1933, ISOTYPE
- Astragalus darii* Sirj. & Rech. f., *Anz. Österr. Akad. Wiss., Math.-Nat.* 90: 124. 1953  
 IRAN: Kerman, inter Bam et Djiroft, *K.H. & F. Rechinger 3791*, 8- 10 May 1948, ISOTYPE
- Astragalus djiroftensis* Sirj. & Rech. f., *Anz. Österr. Akad. Wiss. Math.-Nat.* 91: 158. 1954  
 IRAN: Kerman, montes Djamal Bariz inter Bam et Djiroft, *Rechinger et al. 3871*, 8-10 May 1948, ISOTYPE
- Astragalus elmeri* Greene, *Erythea* 3: 98. 1895  
 U.S.A.: California, Marin Co., *L.E. James 1739*, 16 Apr. 1946, TOPOTYPE
- Astragalus franciscanus* Sheld., *Bull. Geol. & Nat. Hist. Surv. Minne.* 9: 135. 1894  
 U.S.A.: California, SE end of Lake Merced, *J.T. Howell 31856*, 9 Sept. 1956, ? TYPE - PUBLICATION NOT AVAILABLE
- Astragalus gruinus* Barneby, *Mem. N.Y. Bot. Gard.* 13(2): 847. 1964

U.S.A.: Mexico, Baja California, La Encantada, Sierra San Pedro Martir, *Wiggins & Demaree 4890*, 18 Sept. 1930, TOPOTYPE

*Astragalus gypsodes* Barneby, Amer. Midl. Nat. 55: 499-500. 1956

U.S.A.: New Mexico, Eddy Co., 12.1 miles south of Whites City, *Mosquin & Mosquin 5679*, 26 May 1964, TOPOTYPE

*Astragalus gysensis* Del. var. *brachycarpus* Sirj. Publication unknown

IRAN: Kerman et Fars, inter Saidabad et jugum Cah Coghuk, *K.H. & F. Rechinger 3151*, 28 May 1948, ? TYPE COLLECTION MATERIAL

*Astragalus hamiltoni* Porter, Rhod. 54: 159. 1952

U.S.A.: Utah, Uintah Co., 5 miles south of Vernal, *C.L. Porter 5313*, 3 June 1950, PARATYPE

*Astragalus hemigyryrus* Clokey, Madrono 6: 220-221. 1942

U.S.A.: Nevada, Clark Co., Indian Springs, *C.B. & I.W. Clokey 8409*, 18 Apr. 1939, ISOTYPE

*Astragalus holmgreniorum* Barneby, Brittonia 32: 24-25. 1980

U.S.A.: Arizona, Mohave Co., Mokiah Wash drainage, *Holmgren et al. 9175*, 25 May 1979, ISOTYPE

*Astragalus inyoensis* Sheld., Contr. U.S. Nat. Herb. 4: 86. 1893

U.S.A.: California, Inyo Co., *E.C. Twisselman 15545*, 22 May 1969, TOPOTYPE

*Astragalus iodanthus* Wats. var. *viperius* Barneby, Mem. N.Y. Bot. Gard. 13(2): 963. 1964

U.S.A.: Idaho, Owyhee Co., *A. Cronquist 8383*, 9 June 1959, TOPOTYPE

*Astragalus kaibensis* M.E. Jones, Contrib. West. Bot. 10: 64. 1902

U.S.A.: Arizona, Kaibab Plateau, *L.N. Goodding 244-48*, 3 Sept. 1948, TOPOTYPE

*Astragalus kernensis* Jepson, Man. Fl. Pl. Calif. 569. 1925

U.S.A.: California, Tulare Co., Kern River, *P.A. Munz 15098*, 15 July 1950, TOPOTYPE

*Astragalus kernensis* Jepson var. *charlestonensis* Clokey, Madrono 6: 218. 1942

U.S.A.: Nevada, Clark Co., Charleston Peak, *I.W. Clokey 7573*, 29 July 1937, ISOTYPE

*Astragalus krajinae* Domin., Acta Bot. Bohem. 10: 48. 1931

CZECHOSLOVAKIA: Rossia Subcarpatica, montes Svidovec ad rupes Dragobrat, Mil Deyl (Fl. Cech. ex. 270), 11 July 1931, ISOTYPE

*Astragalus lagunensis* Jones, Contr. West. Bot. 8: 11. 1898

MEXICO: Lower California, Laguna Mts., *M.E. Jones 24175*, 2 March 1928, TOPOTYPE

*Astragalus lentiginosus* Dougl. var. *micans* Barneby, Leafl. West. Bot. 8: 22. 1956



U.S.A.: California, Inyo Co., Eureka Valley, *J.C. Roos 6354*, 13 May 1955, TYPE  
COLLECTION MATERIAL

*Astragalus lentiginosus* Dougl. var. *micans* Barneby

U.S.A.: California, south end of Eureka Valley east of Inyo Mts., *Mung & Roos 20581*, 8 April  
1955, TYPE COLLECTION MATERIAL

*Astragalus lusitanicus* Lam., Encycl. 1: 312. 1783

PORTUGAL: Alentejo-Odemira, *Romaris & Mendes 807*, 11 Mar. 1953, TOPOTYPE

*Astragalus masendranus* Bunge var. *trichocarpus* Sirj. & Rech. f. Publication unknown

IRAN: Khorasan, montes Hazar Masdjid, *K.H. & F. Rechinger 5065a*, 8-9 June 1948, ISOTYPE

*Astragalus metilotoides* Pall. var. *cuneilobus* Freyn, Publication unknown

EUROPE: Dahuria, *Nertschinsk, F. Karo* (Pl. Dahuricae 176a), 1889, ? TYPE COLLECTION  
MATERIAL

*Astragalus microcymbus* Barneby, Amer. Midl. Nat. 41: 499-500. 1949

U.S.A.: Colorado, Gunnison Co., 4 mi. West of Gunnison, *W.A. Weber 9144*, 9 July 1955,  
TOPOTYPE

*Astragalus mucronifolius* Boiss. ssp. *robustus* Sirj. & Rech. f. Publication unknown

IRAN: Isfahan, Djulfa, *K.H. & F. Rechinger 2688*, 20 Apr. 1948, ? TYPE COLLECTION  
MATERIAL

*Astragalus naftabensis* Sirj. & Rech. f., Ann. Naturhist Mus. Wien 58: 69-70. 1951

IRAN: Mazanderan, inter Kamarband et jugum Naftab, *K.H. & F. Rechinger 6465*, 8 Aug. 1948,  
ISOTYPE

*Astragalus neomexicanus* Wootton & Standley, Contr. U.S. Nat. Herb. 16: 136. 1913

U.S.A.: New Mexico, Otero Co., Cloudcroft, James Canyon, *E.R. Schaffner 2072*, 7 July 1940,  
TOPOTYPE

*Astragalus ophiocarpus* Benth. var. *vermicularis* Sirj., Publication unknown

IRAN: Kerman et Fars, inter Saidabad et jugum Cah Coghuk, *K.H. & F. Rechinger 3108*, 28  
Apr. 1948, ? TYPE COLLECTION MATERIAL

*Astragalus oxyphysus* Gray, Proc. Calif. Acad. 3: 103. 1863

U.S.A.: California, Stanislaus Co., Mount Oso, Arroyo del Puerto, *L.S. Rose 49140*, 8 May 1949,  
TOPOTYPE

*Astragalus pectinatus* (Hook.) Dougl. var. *platyphyllus* Jones ex. G. Don, Contr. West. Bot. 10:

87. 1902

U.S.A.: Wyoming, Sweetwater Co., Bitter Creek, *M. Rever 434*, 21 June 1970, TOPOTYPE

*Astragalus phoenix* Barneby, *Madrono* 20: 395-396. 1971

U.S.A.: Nevada, Nye Co., *Munz et al. 18308*, 8 May 1970, TOPOTYPE

*Astragalus pictus* A. Gray var. *foliosus* A. Gray, *Proc. Am. Acad.* 6: 215. 1864

U.S.A.: New Mexico, 15 mi. W of Santa Fe, *A.A. & E.G. Heller 3572*, 22 May 1897, TOPOTYPE

*Astragalus podolobus* Boiss. f. *albovillosus* Sirj. & Rech. f. Publication unknown

IRAN: Khorasan, inter Djenaran et Kucan, *K.H. & F. Rechinger 4715*, 2 June 1948, ? TYPE  
COLLECTION MATERIAL

*Astragalus pseudobrachystachys* Sirj. & Rech. f., *Anz. Österr. Akad. Wiss. Math.-Nat.* 90: 161. 1953

IRAN: Kerman & Fars, inter Saidabad et jugum Cah Coghuk (Cafut), *Rechinger et al. 3138*, 28 Apr. 1948, ISOTYPE

*Astragalus rahensis* Sirj. & Rech. f., *Ann. Naturhist Mus. Wien* 58: 66-67. 1951

IRAN: Shahrud-Bustam, Shahvar ad supra Nekarman, *K.H. & F. Rechinger 5954*, 20-26 July 1948, PARATYPE

*Astragalus rahensis* Sirj. & Rech. f. var. *dehbakriensis* Sirj. & Rech. f., *Ann. Naturhist Mus. Wien* 58: 67. 1951

IRAN: Kerman, montes Djamal Bariz inter Bam et Djiroft, *K.H. & F. Rechinger 3872*, 8-10 May 1948, ISOTYPE

*Astragalus ripleyi* Barneby, *Leafl. West. Bot.* 6: 175. 1952

U.S.A.: New Mexico, Taos Co., Tres Piedras, *Weber & Salamum 12744*, 8 July 1965, TOPOTYPE

*Astragalus robbinsii* Gray var. *jesupi* Sheldon & Eggleston, *Bull. Geol. & Nat. Hist. Surv. Minne.* 9: 155-156. 1894

U.S.A.: Vermont, Hartland, *W.W. Eggleston*, 20 May, 30 June 1894, TOPOTYPE

*Astragalus rubrolineatus* Sirj. & Rech. f., *Ann. Nat. Mus. Wien* 58: 71. 1951

IRAN: Shahrud-Bustam, Shahvar, *K.H. Rechinger 6004*, 20-26 July 1948, ISOTYPE

*Astragalus sachalinensis* Bunge, *Mem. Acad. Sci. St. Petersb. (Sci. Phys. Math.)*, serv. 7, 11, 16: 26, 1868 (Gen. Astrag. Sp. Geront. 1)

U.S.S.R.: Insula Sachalin, *N. Pavlova* (Fl. Ex. U.S.S.R. 5970), 14 July 1978, TOPOTYPE

*Astragalus salinus* Howell, *Erythea* 1: 111. 1893

U.S.A.: Oregon, Harney Valley, *T. Howell*, 6 Oct. 1885, ? ISOTYPE

*Astragalus sangonensis* Sirj. et Rech. f., Anz. Österr. Akad. Wiss. Math.-Nat. 91: 164. 1954  
IRAN: Balucistan, in dictione montis Taftan prope Sangon, *K.H. & F. Rechinger 4075*, 19 May 1948, ISOTYPE

*Astragalus schmollae* C.L. Porter, Madrono 8: 100. 1945  
U.S.A.: Colorado, Montezuma Co., Mesa Verde National Park, *W.A. Weber 4823*, 13 June 1949, TOPOTYPE

*Astragalus scrupulicola* Fernald & Weath., Rhod. 33: 238-239. 1931  
CANADA: Quebec, Gaspé Co., Mont St. Pierre, *Fernald & Weatherby* (Pl. ex. Gray 559), 4 July 1931, PARATYPE

*Astragalus spectabilis* Porter, Rhod. 54: 160. 1952  
U.S.A.: Utah, Uintah Co., 5 miles south of Vernal, *C.L. Porter 5309*, 3 June 1950, ISOTYPE

*Astragalus tiehmii* Barneby, Brittonia 36(2): 169. 1984  
U.S.A.: Nevada, Washoe Co., Yellow Hills area, Bernards Corall, *Tiehm et al. 8768*, 23 June 1984, TOPOTYPE

*Astragalus tyghensis* Peck, Proc. Biol. Soc. Wash. 49: 110. 1936  
U.S.A.: Oregon, Wasco Co., Tygh Valley, *L.M. Kemp*, 14 June 1978, TOPOTYPE

*Astragalus zingeri* Korsh. var. *violascens* M. Pop., Fl. ex. USSR 3330  
U.S.S.R.: Saratov, opp. Chvalynsk, *K. Gross*, 19 June 1928, ISOTYPE

*Astrantia bavarica* F. Schultz, Flora 1: 159. 1859  
EUROPE: Tirolia septentrionalis, circa Klösterle, *Grembligh* (Fl. ex. Aust.-Hung. 2106), TOPOTYPE

*Astrantia carinthiaca* Hoppe, Flora 223. 1832  
AUSTRIA: Carinthia, in pratis montanis vallis "Loibel", *Jabornegg* (Fl. Ex. Austro-Hung. 2105), TOPOTYPE

*Astronium fraxinifolium* Schott, f. *glaberrimum* Mattick, Notizbl. Bot. Gart. Berlin-Dahlem 11: 1005. 1934  
COLOMBIA: Santa Marta, *H.H. Smith 910*, 1898-1901, ? ISOTYPE

*Ateleia herbert-smithii* Pittier, Contr. U.S. Nat. Herb. 20: 112. 1918  
COLOMBIA: Santa Marta, *H.H. Smith 817*, 1898-1901, ? ISOTYPE

*Atelophragma herriotii* Rydb., Bull. Torrey Bot. Club 55: 123. 1928  
CANADA: Manitoba? Saskatchewan?, Qu'Appelle Valley, *J. Macoun*, 22 July 1879,

PARATYPE

*Atelophragma herriottii* Rydb., Bull. Torrey Bot. Club 55: 123. 1928  
CANADA: Saskatchewan, Welby Geme Preserve [Qu'Appelle River], *Boivin & Dore 7702*, 7 July 1951, TOPOTYPE

*Athyrium alpestre* (Hoppe) Rylands var. *gaspense* Fernald, Rhod. 30: 48. 1928  
CANADA: Québec, co. Gaspé Nord. Table Top, Mont Jacques Cartier, *Belzile & Gervais 2626*, 9 août 1958, TOPOTYPE

*Atriplex acadiensis* Taschereau, Can. J. Bot. 50: 1577. 1972  
CANADA: Nova Scotia, Lunenburg, *Taschereau & Wright 329*, 21 Sept. 1968, HOLOTYPE

*Atriplex acadiensis* Taschereau  
CANADA: Nova Scotia, Cumberland County, Parrsboro, *Taschereaux & Wright 341*, 25 Sept. 1968, PARATYPE; Advocate Harbour, *Taschereaux & Belliveau 350*, 29 Sept. 1968, PARATYPE; Halifax County, Lawrencetown, *Bassett & Spicer 5104*, 18 Sept. 1968, PARATYPE; Lunenburg County, Blue Rocks, *Taschereau & Wright 334*, 21 Sept. 1968, PARATYPE; Queens County, North Cove, Goose Haven, *Taschereau & Martell 143*, 2 Aug. 1968; PARATYPE; Shelburne County, Shelburne, *Taschereau & Forwood 63*, 4 Aug. 1968, PARATYPE; King's County, Wolfville, *P.M. Taschereau 394A*, 23 Oct. 1968, PARATYPE; Quebec, Bonaventure County, St. Omer, *Bassett & Spicer 5171*, 23 Sept. 1968, PARATYPE; Gaspé-Est County, Cap-Gaspé, *Bassett & Spicer 5183*, 24 Sept. 1968, PARATYPE

*Atriplex franktonii* Taschereau, Can. J. Bot. 50: 1586. 1972  
CANADA: Nova Scotia, Martin Brook, *Taschereau & Wright 327*, 21 Sept. 1968, HOLOTYPE

*Atriplex julacea* Wats., Proc. Amer. Acad. 20: 370. 1885  
MEXICO: Lower California, Ensenada, *L.S. Rose 58132*, 21 Aug. 1958, TOPOTYPE

*Atriplex oahuensis* Meyen, Reise 2: 127. 1834  
HAWAIIAN ISLANDS: Hawaii, 1 mile south of Kamuela, *S. Carlquist 2085*, 29 July 1966, TOPOTYPE

*Atriplex oblongifolium* Waldst. et Kit. var. *campestre* Gürke f. *prostratum* Podp., Fl. ex. Reip. Bohem. Slov. 1113  
CZECHOSLOVAKIA: Moravia Centr., Brno, *Podpera & Krist.*, 20 Oct. 1935, ISOTYPE

*Atriplex pleiantha* Weber, Madrono 10: 189. 1950  
U.S.A.: Colorado, Montezuma Co., *W.A. Weber 7651*, 7 June 1952, TOPOTYPE

*Atriplex tataricum* L. f. *lanceolata* Wiesb., Publication unknown  
HUNGARY: Vajas, *J. Wiesbaur*, 19 Aug. 1878, ? TYPE COLLECTION MATERIAL

*Atropis limosa* (Schur) Degen f. *polyantha* Degen, Fl. ex. Austro- Hungarica 3962  
HUNGARY: Budapest, *Staub.*, ISOTYPE

*Atropis peisonis* Beck, Fl. von. N.-Oesterr. p. 89. 1890  
HUNGARY: ad lacum Peisonem prope pagum Nyulas, *A. de Degen* (Gram. Hung. 90), 8 June 1901, TOPOTYPE

*Avena agadiriana*, Baum & Fedak, Can. J. Bot. 63(8): 1379. 1985  
CULTIVATED: Grown in greenhouse Central Exp. Farm, Ottawa, Ont. from seed from 32 km SW Sebti-des-Gzouls, Morocco. *Baum & Spicer CAV 6743*, 20 Apr. 1984, HOLOTYPE & ISOTYPE

*Avena atlantica* Baum & Fedak, Can. J. Bot. 63(6): 1057. 1985  
CULTIVATED: grown in greenhouse, Central Exp. Farm, Ottawa, Ont. from seed from 32 km N Agadir, Morocco, *Baum & Spicer CAV6764*, 20 Apr. 1984, HOLOTYPE & ISOTYPE

*Avena canariensis* Baum, Rajhathy & Sampson, Can. Jour. Bot. 51: 759. 1973  
CANARY ISLANDS: Lanzarote, Teguisse, *J. Duvigneaud*, 5 avril 1976, TOPOTYPE

*Avena damascena* Rajhathy & Baum, Can. Jour. Gen. and Cyt. 14: 646. 1972.  
CULTIVATED: grown at Ottawa from seeds gathered by Martens and Rajhathy, 60 km N of Damascus, Syria, *Baum CAV 0258*, 1972, HOLOTYPE (plus 2 ISOTYPES)

*Avena hideoi* Honda, Bot. Mag. Tokyo 40: 435. 1926  
JAPAN: Honshu, Misayama in Shinano, *M. Furuse*, 21 May 1955 (TSM No. 1168), TOPOTYPE

*Avena magna* Murphy & Terrell, Science 159: 103-104. 1968  
CULTIVATED: grown at Beltsville, MD, from seed coll. by F.J. Zillinsky 30 km SE of Tiflet, Morocco, 27 May 1964, ISOTYPE

*Avena segetalis* Bianca in Nymen, Consp. Fl. Eur. 810. 1882  
CULTIVATED: grown in botanical garden Panormitano from seed collected by Bianca, *Todaro*, Fl. Sicula Ex. 712, ISOTYPE

*Axonopus columbiensis* Henrard, Blumea 5: 278. 1942  
COLOMBIA: Santa Marta, *H.H. Smith 183*, 1898-1901, ? ISOTYPE

*Ayenia acuminata* Rusby, Descriptions of Three Hundred New Species of South American Plants, p. 56. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 358*, (1898-1901), ? ISOTYPE

*Baccharis densifolia* Rusby, Descriptions of Three Hundred New Species of South American Plants, p. 149. 1920

COLOMBIA: Santa Marta, *H.H. Smith 1997*, (1898-1901), ? ISOTYPE

*Baltimora ovata* Rusby, Descriptions of Three Hundred New Species of south American Plants, p. 151. 1920

COLOMBIA: Santa Marta, *H.H. Smith 536*, (1898-1901), ? ISOTYPE

*Baptisia arachnifera* Duncan, Rhod. 46: 29. 1944

U.S.A.: Georgia, Wayne Co., 10 mi. S of Jessup, *W.H. Duncan 5993* (Pl. Ex. Gray. 1359), 4 July 1943, ISOTYPE

*Barroetia subuligera* Gray var. *litisquama* Greenm., Proc. Am. Acad. 40: 35. 1904

MEXICO: Jalisco, Etzatlan, *C.G. Pringle 8773*, 27 Oct. 1903, ISOTYPE

*Bartonia multiflora* Nutt., Pl. Gamb. in J. Acad. Philad., n.s., 1: 180. 1847

U.S.A.: New Mexico, Santa Fe Co., Santa Fe, *A.A. & E.G. Heller 3778*, 28 May 1897, TOPOTYPE

*Bassovia ferruginea* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 117-118. 1920

COLOMBIA: Santa Marta, *H.H. Smith 1182*, (1898-1901), ? ISOTYPE

*Bassovia stellata* Greenman, Proc. Amer. Acad. 41(9): 246. 1905

MEXICO: Hidalgo, Barranca below Honey Station, *C.G. Pringle 15611*, 17 June 1909, EX-HOLOTYP

*Batrachium peltatum* Schrank f. *tenella* O. Gelert, Publication unknown

GERMANY: Fredericia, *O. Gelert*, 14 June 1886, ? TYPE COLLECTION MATERIAL

*Bealia mexicana* Scribn. ex Vasey, True Grasses 103, 104. 1890

MEXICO: Chihuahua, *C.G. Pringle 819*, 7 Oct. 1886, ISOTYPE

*Begonia bicolor* Watson, Proc. Amer. Acad. 22: 414. 1887

MEXICO: Jalisco, near Guadalajara, *C.G. Pringle 11451*, 6 Oct. 1903, TOPOTYPE

*Begonia chlorolepis* L.B. Smith, Caldasia 4: 16. 1946

COLOMBIA: Santa Marta, *H.H. Smith 1268*, 1898-1901, ? ISOTYPE

*Begonia heterodonta* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 66-67. 1920

COLOMBIA: Santa Marta, *H.H. Smith 1264*, (1898-1901), ? ISOTYPE

*Begonia santae-martae* Irmscher, Bot. Jahrb. Syst. 74: 618. 1949

COLOMBIA: Santa Marta, *H.H. Smith 1262*, 1898-1901, ? ISOTYPE

*Begonia subcostata* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 67-68. 1920

COLUMBIA: Santa Marta, *H.H. Smith 1265*, (1898-1901), ? ISOTYPE

*Bellis azorica* Hochst. in Seubert, Flora Azorica 31. 1844

AZORES: Insula Pico, Madalena, *Dansereau et al. 680*, 15 June 1964, TOPOTYPE

*Bellis perennis* L. var. *aspromontana* Bég. & Mezz., Fl. Italica Ex. Ser. 3, 2965

ITALY: Calabria, Prov. di Reggio C., *C. Mezzatesta*, Apr. 1924, ISOTYPE

*Bellis perennis* L. var. *peloritana* Bég. & Mezz., Fl. Italica Ex. Ser. 3, 2964

ITALY: Sicily, Prov. di Messina, Peloritani, *Béguinot & Mezzatesta*, 3 May 1924, ISOTYPE

*Beloere cistiflora* Shuttl. in Gray Pl. Wright., 1: 21. 1850

U.S.A.: Florida, Key West, *Rugel 94*, Feb. 1846, ISOTYPE

*Beloperone sanmartensis* Rusby, Descriptions of Three hundred New Species of South American Plants p. 128. 1902

COLOMBIA: Santa Marta, *H.H. Smith 96*, 1898-1901, ? ISOTYPE

*Berberis nervosa* Pursh var. *mendocinensis* Roof, Four Seasons 3(1): 8. 1969

U.S.A.: California, Mendocino Co., Hardy Creek, *J.B. Roof*, 12 Sept. 1969, ISOTYPE

*Berberis* × *ottawensis* Schneid. in Rehd. Man. Cult. Trees & Shrubs 246. 1927

CULTIVATED: Dominion Arboretum and Botanic Garden, Ottawa, Ontario, Canada (Acc. No. 00-198-2), *K. Mills 14*, 30 May 1951 (fl.), *J.M. Gillett*, 14 Sept. 1939 (fr.), TYPE

COLLECTION MATERIAL

*Betonica velebitica* A. Kerner, Fl. ex. Austro-Hungarica 939

JUGOSLAVIA: Croatia, ad pedem montis Bandani prope Ostarje, *Pichler*, TYPE

COLLECTION MATERIAL ?

*Betula andrewsii* A. Nels., Bot. Gaz. 43: 279-280. 1907

U.S.A.: Colorado, Boulder Co., Green Mt., *Weber & Hulten*, 8 July, 1959, TOPOTYPE (Type tree)

*Betula* × *arbuscula* Dugle, Can Jour. Bot. 44: 983. 1966

CANADA: Alberta, Jasper National Park, Pocahontas, *J.R. Dugle 1734*, 5 Sept. 1962, ISOTYPE

*Betula* × *arbuscula* Dugle

CANADA: Alberta, Jasper National Park, Pocahontas, *J.R. Dugle 2240*, 28 Aug. 1962, TYPE

TREE; on road to Edith Cavell, between 1 and 2 miles from intersection, Jasper, *J.R. Dugle 1743*, 5 Sept. 1961, PARATYPE

*Betula aschersoniana* Hayek, Flora von Steiermark 1: 105. 1908  
AUSTRIA: Stiria, Hofmoor prope Admont, *Glatz & Strobl.*, (Dörfler, Herb. Norm. 5527),  
TOPOTYPE

*Betula borealis* Spach, Ann. Sci. Nat. ser. 2, 15: 196. 1841  
CANADA: Newfoundland, *La Pylaie*, Fragment of HOLOTYPE

*Betula caerulea* Blanchard nm. *cunninghamii* Boivin, Nat. can. 94: 230. 1967  
CANADA: Nova Scotia, Inverness Co., Frizzelton, *Cunningham & Loucks 80*, 5 Sept. 1961,  
HOLOTYPE

*Betula caerulea* Blanchard nm. *Cunninghamii* Boivin  
CANADA: Nova Scotia, Halifax County, Armdale, *A.E. Roland 39,006*, 10 Oct. 1939,  
PARATYPE; Lunenburg County, Chester, south end of Stanford's Lake, *M.N. Zinck 1180*, 2 Sept.  
1941, PARATYPE

*Betula x dutilly* Lepage  
CANADA: Quebec, Gaspé County, Mont Lyall, *G.C. Riley s.n.*, 8 Aug. 1935, PARATYPE, Gaspé-  
Nord County, Mont Jacques-Cartier, *Cinq-Mars et al.*, 5 juillet 1961, PARATYPE; Gaspé-Nord  
County, Petit Mont Ste-Anne, Parc de la Gaspésie, *G. Lemieux 14,473*, 31 July 1968, PARATYPE;  
Pic Bignell, monts Otish, 52°20'N 70°35'W, *J. Rousseau 533*, 11 août 1949, PARATYPE; Rupert  
House, baie James, *Dutilly & Lepage 14,051*, 3 July 1945, PARATYPE

*Betula x dutillyi* Lepage, Nat. Can. 103(3): 225. 1979  
CANADA: Newfoundland, Humber District, east of Gaff Topsail, *E. Rouleau 733*, 11-12 July 1950,  
PARATYPE

*Betula x sargentii* Dugle  
CANADA: Yukon, Watson Lake, 60°07'N 128°48'W, *J.M. Gillett 3565*, 4 July 1949, PARATYPE;  
Ontario, between Thunder Bay and Provincial Paper Mills, Current River, Port Arthur, *C.E. Garton*  
*2539*, 24 May 1955, PARATYPE; Moose Factory, 51°16'N 80°36'W, *D.B.O. Savile 108*, 11 June  
1949, PARATYPE; Orient Bay, 4 miles west of MacDiarmid, *C.E. Garton 7998*, 4 Aug. 1960,  
PARATYPE; south end of Grassy Lake, 3 miles south of Cooke Point, Lake Nipegon, *C. E. Garton*  
*7716*, 22 July 1960, PARATYPE; Manitoba, Knife Lake, 120 miles southwest of Churchill, *J.M.*  
*Gillett 2284*, 28 July 1948, PARATYPE; Gillam, *W.Krivda G-75*, 23 June 1955, PARATYPE;  
Churchill, *A.H.R. Buller s.n.*, 13 Aug. 1939, PARATYPE; Churchill, *W.N. Denike A-12*, 1938,  
PARATYPE; Beulah, *A.J. Dennis s.n.*, 28 July \_\_\_\_, PARATYPE; Saskatchewan, southeast of Grove  
Lake, 59°27'N 104°20'W, *G.W. Scotter 436*, 18 June 1960, PARATYPE; Alberta, Paradise Creek,  
Banff, *J.R. Dugle 2013, 2014*, 24 June 1962, PARATYPE; Fire Road, Banff, *J.R. Dugle 2057-2062*,  
25 June 1962, PARATYPES; *J.R. Dugle 2265, 2267*, 31 Sept. 1962, PARATYPES; Livingston  
Falls, campsite, *J.R. Dugle 2268*, 31 Sept. 1962, PARATYPE; British Columbia, McLatchie Lake,  
Flathead, *Bell & Davidson 938*, 17 Aug. 1957, PARATYPE; Alaska Hwy., Beaton River crossing,



*Taylor et al. 45*, 1956, PARATYPE; Bennett, *D.A. Mitchell 167*, 13 July 1949, PARATYPE; Paul Creek, *G. Beke s.n.*, 11 Sept. 1960, PARATYPE

*Betula x uliginosa* Dugle

CANADA: Alberta, Ponoka Bog, 72 miles south of Edmonton on highway 2, *J.R. Dugle 2159, 2161, 2171, 2174, 2176, 2212, 2217, 2218, 2313, 2314, 2315*, PARATYPES + TOPOTYPES

*Betula x winteri* Dugle

CANADA: Manitoba, West Hawk Lake, *M.G. Dudley s.n.*, 9 July 1939, PARATYPE; Saskatchewan, 5 miles west of Wallwort, *A.J. Breitung 657*, 15 July 1940, PARATYPE; Moose Mountain Park, Kenosee Lake, *H.A. Senn 2534*, 26 July 1946, PARATYPE; Qu'Appelle Valley, *B. de Vries 880*, 14 Aug. 1960, PARATYPE; Alberta, North Saskatchewan River bluffs near Edmonton, *J.R. Dugle 1374*, 21 June 1961, PARATYPE; Edmonton, *J.R. Dugle 1386*, 26 July 1961, PARATYPE; White Mud Park, Edmonton, *J.R. Dugle 2126*, 16 July 1962, PARATYPE; Edmonton, *J.R. Dugle 2070, 2072, 2074, 2075*, July 9, 1962, PARATYPES; Elk Island National Park, *J.R. Dugle 2083, 2084, 2085, 2086, 2087, 2089, 2108, 2110, 2111, 2112*, July 1962, PARATYPES

*Betula x eastwoodae* Sarg., Bot. Gaz. 67: 216. 1919

CANADA: Yukon Territory, Dawson, *A. Eastwood 88, 271-88 and 89*, 22 May and 17 June 1914, TYPE COLLECTION MATERIAL

*Betula x neoborealis* Lepage, Nat. can. 84: 56. 1957

CANADA: Quebec, Rupert House, *Lepage & Duman 33667*, 22 Aug. 1955, TOPOTYPE

*Betula papyrifera* Marsh. var. *cordifolia* (Regel) Fern. f. *nana* Boivin, Nat. can. 94(2): 231. 1967

CANADA: Quebec, Co. Matane, Mont Blanc, *B. Boivin 446*, 5 août 1938, HOLOTYPE

*Betula pubescens* Ehrh. subvar. *nudata* f. *ullepitschiana* C.S., Publication unknown

HUNGARY: Tatra, *Ullepitsch*, (Fl. Exs. Austr.-Hung. 3877), ? TYPE COLLECTION MATERIAL

*Betula x raymondii* Lepage, Nat. can. 84: 57-58. 1957

CANADA: Quebec, Lacolle Co., St-Jean, *Raymond & Cinq-Mars*, 2 Sept. 1951, ISOTYPE

*Betula x sargentii* Dugle, Can. Jour. Bot. 44: 961. 1966

CANADA: Alberta, Obed, *J.R. Dugle 1723*, 5 Sept. 1961, ISOTYPE

*Betula transcaucasica* V. Vassil., Pl. ex. C.C.C.P. 4970.

U.S.S.R.: Tureia, prov. Kars, Karaklis, Ssarykamysch, *D. Litvinov*, 24 June 1949, ISOTYPE

*Betula x uliginosa* Dugle, Can. Jour. Bot. 44: 951. 1966

CANADA: Alberta, Ponoka bog, 72 mi. S of Edmonton, *J.R. Dugle 2178*, 31 July 1962, PARATYPE and TOPOTYPE

*Betula x ungavensis* Lepage, *Nat. Can.* 103(3): 226. 1976

CANADA: Quebec, Gaspé Co., Mt. Lyall, *G.C. Riley s.n.*, 18 Aug. 1936, PARATYPE

*Betula ×winteri* Dugle, *Can. Jour. Bot.* 44: 986. 1966

CANADA: Alberta, Elk Island National Park, *J.R. Dugle 2121*, 11 July 1962, PARATYPE

*Bidens amplexans* Sherff, *Bot. Gaz.* 70: 99-100. 1920

HAWAIIAN ISLANDS: Oahu, *Degener et al. 19,585*, 12 May 1949, TOPOTYPE

*Bidens asymetrica* (Lévl.) Sherff var. *subocculata* Degener & Sherff, *Amer. J. Bot.* 31: 279. 1944

HAWAIIAN ISLANDS: Kauai, *O. Degener*, 25 Dec. 1939, ? ISOTYPE

*Bidens eatonii* Fern. var. *kennebecensis* Fern., *Rhod.* 19: 76. 1914

U.S.A.: Maine, Bowdoinham, *Fernald & Long* (Pl. ex. Gray 297), 19 Sept. 1916, PARATYPE

*Bidens ×dimidiata* Degener & Sherff, *Amer. J. Bot.* 38: 66-67. 1951

HAWAIIAN ISLANDS: Kauai, *O. Degener 21501*, 3 Jan. 1952, TOPOTYPE

*Bidens fulvescens* Sherff, *Bot. Gaz.* 86: 435. 1928

HAWAIIAN ISLANDS: Oahu, *O. Degener 18,321*, 12 May 1936, TOPOTYPE

*Bidens heterodoxa* (Fern.) Fern. & St. John var. *monardaefolia* Fern., *Rhod.* 19: 259. 1917

U.S.A.: Connecticut, Lake Pocotopaug, *Weatherby & Weatherby* (Pl. ex. Gray 498), 27 Sept. 1931, TOPOTYPE

*Bidens magnidisca* Degener & Sherff, *Bot. Gaz.* 93: 216-217. 1932

HAWAIIAN ISLANDS: Oahu, *Degener 20872*, 22 June 1950, TOPOTYPE

*Bidens mauiensis* Sherff var. *cuneatoides* Sherff, *Bot. Gaz.* 70: 109. 1920

HAWAIIAN ISLANDS: Maui, Wailuku, *O. Degener 19575*, 14 May 1949, TOPOTYPE

*Bidens melanocarpus* Wiegand f. *simplex* Lehmann, Publication unknown

GERMANY: Saxonia, prope Leipzig, *A. Lehmann*, (Dörfler, *Herb. Norm.* 5093), Oct. 1906, ? TYPE COLLECTION MATERIAL

*Bidens melanocarpus* Wiegand f. *simplex* Lehmann sf. *gracilis* Lehmann, Publication unknown

GERMANY: Leipzig, bei Bölltz-Ehrenberg, *A. Lehmann*, Sept. 1907, ? TYPE COLLECTION MATERIAL

*Bidens micranthoides* Sherff, *Bot. Gaz.* 70: 100. 1920

HAWAIIAN ISLANDS: Kauai, *Degener & Cadenhead 27,187*, 18 Nov. 1960, TOPOTYPE

*Bidens perversa* Degener & Sherff, Amer. J. Bot. 31: 279. 1944

HAWAIIAN ISLANDS: Maui, *O. Degener 19577*, 15 May 1949, TOPOTYPE

*Bidens pringlei* Greenm., Proc. Amer. Acad. 41: 263. 1905

MEXICO: Michoacan, Uruapan, *C.G. Pringle 15032*, 27 Nov. 1907, TOPOTYPE

*Bidens rosea* Schz. Bip. var. *aequisquama* Fernald, Proc. Amer. Acad. 43: 68. 1907

MEXICO: Michoacan, near Uruapan, *C.G. Pringle 10109*, 1 Nov. 1905, ISOTYPE

*Bidens sandvicensis* Less., Linnaea 6: 508. 1831

HAWAIIAN ISLANDS: Omoe, Kipu, Kanai, T.H., *Degener & Ordonez 12,606*, 22 Dec. 1939, TOPOTYPE

*Bidens sarmentosa* Greenm., Proc. Amer. Acad. 41: 264-265. 1905

MEXICO: Federal District, Ajusco Station, *C.G. Pringle 10130*, 5 Dec. 1905, TOPOTYPE

*Bidens torta* Sherff, Bot. Gaz. 70: 105. 1920

HAWAIIAN ISLANDS: Oahu, *Degener & Carroll 20,412*, 3 Jan. 1950, TOPOTYPE

*Bidens tripartita* L. var. *pumila* Roth f. *pygmaea* A. Lehmann, Publication unknown

GERMANY: Leipzig bei Bölltz-Ehrenberg, *A. Lehmann*, Sept. 1907, ? TYPE COLLECTION MATERIAL

*Biscutella laevigata* L. ssp. *subaphylla* Mach.-Laur., Publication unknown

GERMANY: Strasbourg, *Leras*, 5 juin 1858, ? TYPE COLLECTION MATERIAL

*Bivinia jalberti* Tul., Ann. Sc. Nat. Ser. IV 8: 78. 1857

MADAGASCAR: *M. Pervillé 382*. 1841, PARATYPE

*Blechnum brownei* Juss. f. *puberulum* Leonard, Contr. U.S. Nat. Herb. 31: 60-62. 1958

COLUMBIA: vicinity of Santa Marta, *H.H. Smith 81*, 1898-1901, PARATYPE

*Blennosperma bakeri* Heiser, Madrono 9: 103. 1947

U.S.A.: California, Sonoma Co., Sonoma, *M.S. Baker 11307*, 2 Apr. 1946, ISOTYPE

*Blennosperma nanum* (Hook.) Blake var. *robustum* J.T. Howell, Leaflet West. Bot. 5: 108. 1948

U.S.A.: California, Marin Co., Point Reyes Peninsula, above McClure Beach, *L.S. Rose 64010*, 19 Mar. 1964, TOPOTYPE

*Boehmeria spicata* Thunb. f. *caudata* Satake, Publication unknown

JAPAN: Tokyo Pref., Oizumi, Nerima-ku, *T. Makino*, 16 Aug. 1939, ? TYPE COLLECTION MATERIAL

- Boerhavia annulata* Cov., Contrib. U.S. Nat. Herb. 4: 177. 1895  
U.S.A.: California, Inyo Co., Furnace Creek Canyon, *R.H. Peebles 267*, 6-11, 1930, TOPOTYPE
- Boisduvalia parviflora* Heller, Bull. Torrey Bot. Cl. 25: 199-200. 1898  
U.S.A.: Idaho, Nez Perces Co., Lake Wawa, *A.A. & E.G. Heller 3411*, 10 July 1896, ISOTYPE
- Bolophyta alpina* Nutt., Trans. Amer. Phil. Soc. n.s. 7: 348. 1841  
U.S.A.: Wyoming, 4 mi. W of Alcova, *C.L. Porter 4425*, 9 May, 1948, TOPOTYPE
- Bonamia tricantha* Hallier var. *oblonga* Ooststr., Recueil Trav. Bot. Néeri. 33: 213. 1936  
COLOMBIA: Santa Marta, *H.H. Smith 1871*, 1898-1901, ? ISOTYPE
- Borreria herbert-smithii* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 144-145. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 321*, (1898-1901), ? ISOTYPE
- Borya distichophylla* Nutt., Gen. N. Am. Pl. 2: 232. 1818  
U.S.A.: Tennessee, near Painted Rock, *Rugel*, Apr. 1842, TOPOTYPE
- Botrychium campestre* Wagner & Farrar, Amer. Fern J. 76: 39. 1986  
CANADA: Saskatchewan, Beechy, *Ledingham & Hudson 992*, 29 June 1952, PARATYPE
- Botrychium minganense* Victorin, Proc. & Trans. Royal Society Canada, Ser. 3, 21: 331. 1927  
CANADA: Quebec, archipel de Mingan, Ile a la Proie, *Victorin & Rolland 22016*, 22 juillet 1925, PARATYPE
- Botrychium pendulosum* Wagner, Amer. Fern J. 76: 43. 1986  
CANADA: British Columbia, 19 miles east of Quesnel on road to Barkerville, just east of Cottonwood, *Calder et al. 14152*, 7 Aug. 1954, PARATYPE
- Botrychium pedunculatum* Wagner  
CANADA: Saskatchewan, Cypress Hills, *J.H. Hudson 1926*, 2 Sept. 1956, PARATYPE
- Botrychium pedunculatum* W.H. Wagner, Am. Fern J. 76(2): 43. 1986  
CANADA: Saskatchewan, Cypress Hills, *J. H. Hudson 1926*, PARATYPE
- Botrychium pseudopinnatum* W.A. Wagner, Univ. Mich. Herb. 17: 322. 1990  
CANADA: Ontario, near Angler, ca. 3 miles northwest of Marathon, *E.G. Voss 10430*, 31 July 1961, ? TYPE - PUBLICATION NOT AVAILABLE
- Bromus pumpellianus* Scribn. ssp. *dicksonii* Mitchell & Wilton  
U.S.A.: Alaska, west shore of Yukon River opposite northern end of Nine Mile Island, 64 40'N 158 59'W, *Mitchell & Wilton 1480*, 28 July 1964, PARATYPE; north shore of Yukon River opposite Melozi Island, 64 46'N 155 36'W, *Mitchell & Wilton 1500*, 28 July 1964, PARATYPE

*Botrychium rugulosum* W.H. Wagner, Contr. Univ. Mich. Herb. 15: 315-324. 1982  
CANADA: Ontario, Georgian Bay Islands National Park, Beausoleil Island, *G.M. Stirrett 1212*,  
30 Aug. 1960, PARATYPE

*Botrychium rugulosum* Wagner, Contr. Univ. Mich. Herb. 15: 315. 1982  
U.S.A.: Michigan, Mills Twp., south side of Baker Rd., *Wagner et al. 9099*, 9 Sept. 1959,  
ISOTYPE

*Botrychium virginianum* (L.) Sw. var. *europaeum* Angstrom f. *heterodoxum* Cody, Amer. Fern.  
Journ. 51: 36. 1961  
CANADA: Saskatchewan, McKague, *A.J. Breitung*, 25 June 1935, HOLOTYPE

*Botrychium virginianum* (L.) Sw. var. *virginianum* f. *anomalum* Cody, Amer. Fern. Journ. 51:  
36. 1961  
CANADA: Ontario, Renfrew Co., 2 1/2 miles west of Braeside, *Cody & Dore 11133*, 19 June  
1959, HOLOTYPE

*Bouteloua hirsuta* Lag. var. *palmeri* Vasey in Beal, Grasses of North America 2: 417. 1896  
MEXICO: *E. Palmer*, 1896, ISOTYPE

*Bouvardia alexandrae* Carter, Madrono 13: 142. 1955  
MEXICO: Baja California, Cape Region, Arroyo del Salto, *R.V. Moran 7136*, 23 Jan. 1959,  
TOPOTYPE

*Brachiaria ophryodes* Chase, Contr. U.S. Nat. Herb. 22: 37-38. 1920  
MEXICO: State of Nuevo Leon, Monterrey, *A.S. Hitchcock*, (Amer. Gr. Nat. Herb. 401), 6 June  
1910, ISOTYPE

*Brachistrus fendleri* Gray, Mem. Amer. Acad. ser. 2. 4: 5. 1849.  
U.S.A.: New Mexico, 4 miles east of Santa Fe, *A.A. & E.G. Heller 3607*, 29 May 1897,  
TOPOTYPE

*Brachistrus pringlei* Watson, Proc. Amer. Acad. 25: 159. 1890  
MEXICO: Nuevo Leon, Monterey, *C.G. Pringle 15620*, 29 May 1908, TOPOTYPE

*Brachyeletrum erectum* (Schreb.) Beauv. var. *septentrionale* Babel, Rhod. 45: 260. 1943  
U.S.A.: New Hampshire, Durham, *Babel 46*, 19 June 1942, ISOTYPE

*Brassica rapa* L. var. *amplexicaulis* Tanaka & Ono subvar. *ohsakana* (Makino) Kitam.,  
Publication unknown  
JAPAN: Hyogo Pref., Nishinomiya City, *T. Makino 44107*, 1932, ? TYPE COLLECTION  
MATERIAL

*Brassica rapa* L. var. *mana* (Makino) Kitam., Publication unknown  
JAPAN: Tokyo Pref., Ukima, Kita-ku, *T. Makino 44132*, 1 May 1932, ? TYPE COLLECTION MATERIAL

*Brassica rapa* L. var. *nippo-oleifera* (Makino) Kitam., Publication unknown  
JAPAN: Chiba Pref., Haniya, Sanbu-cho, Sanbu-gun, *T. Makino 44148*, 14 Apr. 1935, ? TYPE COLLECTION MATERIAL

*Braya bartlettiana* Jordal var. *vestita* Hultén, Arkiv för Botanik Ser 2 7(1): 66; Madrono 19: 223. 1968  
U.S.A.: Alaska, Northern Coastal Plain, Mead R. Village, *E. Hultén*, 5-8 Aug. 1960, ISOTYPE

*Braya humilis* (C.A. Mey.) Robins. ssp. *ventosa* Rollins, Rhod. 55: 114. 1953  
U.S.A.: Colorado, Summit Co., North Star Mt., *Hultén & Weber*, 10 July 1959, TOPOTYPE

*Braya novae-angliae* (Rydb.) Th. Sor. var. *interior* Böcher, Med. Gr. 124, 7: 20. 1956  
CANADA: Manitoba, Fort Churchill, *J.M. Gillett 2242*, 27 July 1948, ISOTYPE

*Breweria angustifolia* Nash, Bull. Torrey Bot. Club 22: 155. 1895  
U.S.A.: Florida, Lake Co., Eustis, *G.V. Nash 971*, 1-15 June 1894, ? ISOTYPE

*Breweria villosa* Nash, Bull. Torrey Bot. Club 22: 154-155. 1895  
U.S.A.: Florida, Lake Co., Eustis, *G.V. Nash 1508a*, 1-15 Aug. 1894, ? ISOTYPE

*Bromus ciliatus* L., Taxon 25: 613. 1976  
U.S.A.: New York, Huntington Wildlife Forest Station, Newcomb, *H.F. Heady 768*, 23 July 1939, NEOTYPE

*Bromus ciliatus* L. var. *laeviglumis* Scribn., U.S.D.A. Agrost. Bull. 23: 32. 1900  
CANADA: Ontario, Galt, *W. Herriott*, 6 July [1898?], TYPE COLLECTION MATERIAL

*Bromus pumpellianus* Scribn. ssp. *dicksonii* Mitchell & Wilson Brittonia 18: 163. 1966  
U.S.A.: Alaska, 17 mi. W of Galena, *Mitchell & Wilton 1426*, 27 July 1964, PARATYPE and TOPOTYPE

*Bryonia sandwicensis* Endl., Ann. Wien Mus. 1: 184. 1836  
HAWAIIAN ISLANDS: Oahu, rim of Tantalus Crater, *Degener et al. 3308*, 7 Feb. 1928, TOPOTYPE

*Brysonima crassifolia* (L.) H.B.K. var. *lanceolata* Cuatrec., Webbia 13: 611. 1958  
COLOMBIA: Santa Marta, *H.H. Smith 316*, 1898-1901, ? ISOTYPE

*Brysonima herbert-smithii* Rusby, Descriptions of Three Hundred New Species of South American Plants, p. 37. 1920

COLOMBIA: Las Nubes road, *H.H. Smith 1502*, ? ISOTYPE

*Buckleya lanceolata* Miq. f. *subtriflora* Hiyama, Publication unknown

JAPAN: Nabara-kyo, Kabe-machi, Asa-gun, Prob. Bingo, Hondo, *T. Makino*, 1928, ISOTYPE

*Buddleia cooperi* W.W. Sm., Notes Roy. Bot. Gard. Edinburgh 10: 14. 1917

BHUTAN: Rudong La, Pumthang, *R.E. Cooper 4154*, July 1915, ISOTYPE

*Buddleia stenostachya* Rehd. & Wils × *B. davidii* Franch., Amer. J. Bot. 36: 515. 1949

CULTIVATED: Dominion Arboretum and Botanic Garden, Canada Agriculture, Ottawa, Ont., *R. Moore XB3*, 18 Aug. 1948, HOLOTYPE

*Buddleja subherbacea* Keenan, Notes Roy. Bot. Gard. Edinburgh 29: 341. 1969

CULTIVATED: Royal Botanical Garden, Edinburgh, raised from seed of *Kingdom-Ward 8559* (Assam, Delei Valley, 28°15'N 96°35'E), *J. Keenan C11*, July 1953, ISOTYPE

*Buddleja whiteana* R.J. Moore, Am. J. Bot. 36: 513. 1949

CULTIVATED: Blandy Experimental Farm, Boyce, Va., U.S.A., *O.E. White XB1*, 27 Feb. 1948, HOLOTYPE

*Bulbocastarum linnaei* Schur. var. *baldense* Rigo, Publication unknown

EUROPE: M. Baldo, *J. Rigo*, June 1911, ? TYPE COLLECTION MATERIAL

*Bulbostylis amambayensis* Barros, Darwiniana 6: 122. 1942

PARAGUAY: Cerro Cora, Sierra de Amambay, *T. Rojas 6780*, Mar. 1934, ISOTYPE

*Bumelia peninsularis* Brandegees, Zoe 5: 107. 1901

MEXICO: San Luis Potosi, Las Palmas, *C.G. Pringle 6984*, 7 Mar. 1899, ? ISOTYPE

*Bunchosia columbica* Ndz., Fedde Repert. 26: 346. 1929

COLUMBIA: Santa Marta, *H.H. Smith 1506*, 1898-1901, TOPOTYPE

*Bunium macua* Boiss., Elench. 44. 1896

SPAIN: Baetica, cerro de San Cristobal circa urbem Grazalema, *Font i Quer et Gros*, 15 July 1925, TOPOTYPE

*Buphthalmum salicifolium* L. var. *neglectum* Br.-Bl., Fl. Raetica Ex. 886

SWITZERLAND: Häufig auf mageren Bahnböschungen, Unterlag Kalkschutt, *F. Nigg*, 28 July 1925, ISOTYPE

*Bupleurum aciphyllum* Webb, Phyt. Canar. 2: 154.

CANARY ISLANDS: Nivaria, Guimar, Bico Badajoz, *E.R. Sventenius*, 7 June 1944 (Fl. Sel. Can. 153), TOPOTYPE

*Bupleurum dianthifolium* Guss., Suppl. Fl. Sic. Prod. 1: 71. 1832  
ITALY: Isole Egadi, insulae "Marettimo", *Cl. Bicknell* (Dörfler, Herb. Norm. 3423), May, June  
1898, TOPOTYPE

*Bupleurum falcatum* L. f. *genuinum* Briq. sf. *stepposum* Podp., Fl. Ex. Reip. Boh. Slov. 1079  
CZECHOSLOVAKIA: Moravia Orient.: Uhersky Ostroh inter pp. Blatnicka et Suchov, *J.*  
*Podpera*, 3 July 1929, ISOTYPE

*Bursera graveolens* Tr. & Pl. var. *villosula* Cuatrec, Webbia 12: 431. 1957  
COLOMBIA: Santa Marta, *H.H. Smith 2396*, 1898-1901, ? ISOTYPE

*Buxus balearica* Lam, Encycl. 1: 511. 1785  
BALEARIC ISLANDS: T.M. Escirca, *L.F. Ferguson 3050*, 18 Apr. 1971, TOPOTYPE

*Buxus microphylla* Sieb. & Zucc. var. *japonica* Rehder & Wilson f. *pilosa* Hiyama, Publication  
unknown  
JAPAN: Wakayama Pref., Tanabe, Tanabe City, *T. Makino*, 1924, ? TYPE COLLECTION  
MATERIAL

*Bystropogon canariensis* L'Hérit., Sert. Angel. 20. 1788  
CANARY ISLANDS: Nivaria, Valle Orotava, *E.R. Sventenius 67*, 15 May 1954, TOPOTYPE

*Bystropogon origanifolius* L'Herit., Sert. Angl. 20. 1788  
CANARY ISLANDS: Nivaria, Garachico, El Guincho, *E.R. Sventenius 68*, 25 May 1944,  
TOPOTYPE

*Bystropogon plumosus* L'Herit., Sert. Angl. 20 t. 22. 1788  
CANARY ISLANDS: Nivaria, Puerto Cruz, Montaneta de la Horca, *E.R. Sventenius 69*, 9 June  
1947, TOPOTYPE

*Cakile euxina* Pobed., Not Syst. ex Herb. Inst. Bot. Nom. V.L. Komarov. 15: 71-74. 1953  
U.S.S.R.: Ucraina, Ponti Euxina, in viciniis opp. Skadovak, *E. Pobedimova* (Pl. ex. U.S.S.R.  
3705), 15 Aug. 1947, ISOTYPE

*Calamagrostis lepageana* Louis-Marie, Rhod. 46: 303-304. 1944  
CANADA: Quebec, Rimouski Co., Mont Commis, *E. Lepage 12320*, 1 July 1950, TOPOTYPE

*Calamagrostis nubila* Louis-Marie, Rhod. 46: 296-297. 1944  
U.S.A.: New Hampshire, Mt. Washington, *P. Louis-Marie*, 26 juillet 1958, TOPOTYPE

*Calamagrostis purpurascens* R.Br. in Richardson, Bot. App. Frankl. Journ. 731. 1823  
CANADA: District of Mackenzie, Bathurst Inlet Region, 66°11'N 107°20'W, *Scotter & Zoltai*  
32006, 2 Aug. 1979, TOPOTYPE



*Calamagrostis purpurascens* R.Br. ssp. *tasuensis* Calder & Taylor, Can. Jour. Bot. 43: 1388-1389. 1965  
 CANADA: British Columbia, Queen Charlotte Islands, Moresby Island, Takakia Lake, *Calder & Taylor 36310*, 25-30 July 1964, HOLOTYPE

*Calamagrostis villosa* Mutel var. *mutica* Torges f. *glabrinodis* Domin, Fl. Cechoslovenica Ex. 225  
 CZECHOSLOVAKIA: montes Vysoké Tatry, *V. Krajina*, 6 Sept. 1931, ISOTYPE

*Calamagrostis yukonensis* Nash, Bull. N.Y. Bot. Gard. 2: 154-155. 1901  
 CANADA: Yukon Terr., Dawson, *Calder & Billard 4606*, 21 Aug. 1949, TOPOTYPE  
*Calamintha hungarica* Simk., Termeszetr. füzetek 10: 182. 1886  
 HUNGARY: montis Tordae, *A. Richter*, 9 July 1907, TOPOTYPE

*Calamintha mollis* Jord. ex Lamotte, Prod. 2: 599  
 EUROPE: Hte Savoie, *Jordan*, 1897, 1898, ? TYPE - PUBLICATION NOT AVAILABLE

*Calamintha rotundifolia* Willk., Publication unknown  
 SPAIN: Sierra de Sacane, *E. Reverchon 593*, juillet 1891, ? TYPE COLLECTION MATERIAL

*Calandrinia maritima* Nutt., Torrey & Gray, Fl. N. Am. 1: 197. 1838  
 MEXICO: Baja California, San. Simon, *R. Bacigalupi 3054*, 24 Mar. 1949, TOPOTYPE

*Calceolaria curvirostra* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 60-61. 1920  
 COLOMBIA: Santa Marta, *H.H. Smith 2731* (1898-1901), ? ISOTYPE

*Calea congesta* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 155-156. 1920  
 COLOMBIA: Santa Marta, *H.H. Smith 648* pro parte (1898-1901), ? ISOTYPE

*Calea herbert-smithii* Rusby, Descriptions of Three Hundred New Species of South American Plants, p. 156. 1920  
 COLOMBIA: Santa Marta, *H.H. Smith 648* pro parte (1898-1901), ? ISOTYPE

*Calea holtoni* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 156-157. 1920  
 COLOMBIA: Santa Marta, *H.H. Smith 524* (1898-1901), ? ISOTYPE

*Calendula maritima* Guss., Ind. Sem. Hort. in Boccadi-falco a. 1825 p. 3  
 ITALY: Sicilia, Drepanum, *A. Béguinot*, 15 Apr. 1924 (Fl. Ital. Ex. Ser 3, 2973), TOPOTYPE

*Calhounia nelsonae* A. Nels., Univ. Wyoming Pub. Bot. 1: 55. 1924  
 U.S.A.: Arizona, Baboquivari Mountains, *A. & R. Nelson 1547*, 17 Apr. 1935, TOPOTYPE

- Callicarpa kochiana* Makino, Bot. Mag. Tokyo 28: 181-182. 1914  
JAPAN: Mt. Godai, Kouchi City, Kouchi Pref., *T. Makino*, Dec. 1892, TOPOTYPE
- Calligonum elatum* Litw., Trav. du Musée botan. Acad. S.-Petersb. 11: 58-59. 1913  
U.S.S.R.: Dominion Buchard, in arena mobili pr. Barchany (inter Czardshui et Repetek), *Minkwitz* (Herb. Fl. Ross. 2417), 9 Oct. 1911, ISOTYPE
- Calligonum triste* Litw., Trav. du Musée botan. Acad. S.-Petersb. 11: 58. 1913  
U.S.S.R.: Prov. Turgai, distr. Irgiz, ad montem Termenbes, *Minkwitz* (Herb. Fl. Ross. 2416, 20 June 1913, TOPOTYPE
- Callistemon montanus* C.T. White, Proc. Roy. Soc. Queensl. 69: 84. 1958  
AUSTRALIA: Moreton District, Springbrook, *W. Rudder*, 12 Jan. 1931, ISOTYPE
- Calochortus persistens* Ownbey, Ann. Mo. Bot. Gard. 27: 448. 1940.  
U.S.A.: California, Siskiyou Co., W of Wreka, *Ownbey & Preece 3341*, 25 June 1952, TOPOTYPE
- Calochortus rhodotheucus* Clokey, Bull. S. Calif. Acad. Sc. 37(1): 1. 1938  
U.S.A.: Nevada, Clark Co., Charleston Park, *I.W. Clokey 7479*, 21 July 1937, ISOTYPE
- Calophyllum pulcherrimum* Wall., Cat. n. 4848. 1831-32  
MAYLAY PENINSULA: Johore, Mawai, *Ngadiman*, 9 Jan. 1938, TOPOTYPE
- Caltha arctica* R.Br., Chloris Melvilliana 7. 1823  
CANADA: Dist. of Franklin, Melville Island, Bailey Pt., *G. Parker 20B*, 18 July 1974, TOPOTYPE
- Calycophysum cordatum* Pittier, Contr. U.S. Natl. Herb. 20: 489. 1922  
COLOMBIA: Santa Marta, *H.H. Smith 1603*, 1898-1901, ? ISOTYPE
- Calyptridium parryi* Gray var. *hesseae* J.H. Thomas, Leafl. West. Bot. 8: 10. 1956  
U.S.A.: California, Ben Lomond Mt., *V.F. Hesse 1317*, 2 July 1954, ISOTYPE
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JAPAN: Zoushigaya, Toshima-Ku, Tokyo Pref., *T. Makino*, 23 Mar. 1930, ? TYPE  
COLLECTION MATERIAL
- Camissonia campestris* (Greene) Raven ssp. *obispoensis* Raven., Contr. U.S. Nat. Herb 37(5): 325. 1969  
U.S.A.: California, San Luis Obispo Co., 1.8 miles west of Bee Rock, *P.H. Raven 1830I*, 5 May 1963, ISOTYPE
- Camissonia confusa* Raven, Contr. U.S. Nat. Herb. 37(5): 298. 1969

U.S.A.: California, San Bernardino Co., San Bernardino Mts., 2.3 miles west of Mill Creek Ranger Station, *P.H. Raven 17466*, 28 Apr. 1962, ISOTYPE

*Camissonia intermedia* Raven, Contrib. U.S. Nat. Herb. 37: 295. 1969

U.S.A.: California, Los Angeles County, Santa Monica Mts., Mandeville Canyon, *Clokey & Templeton 4458*, April 1929, PARATYPE

*Camissonia lewisii* Raven, Contr. U.S. Nat. Herb. 37(5): 275. 1969

MEXICO: Baja California, 14 miles north of Colonia Guerro, *P.H. Raven 17035*, 30 Mar. 1962, ISOTYPE

*Camissonia luciae* Raven, Contr. U.S. Nat. Herb. 37(5): 302-303. 1969

U.S.A.: California, Monterey Co., Santa Lucia Mts., *P.H. Raven 18267*, 3 May 1963, ISOTYPE

*Camissonia sierrae* Raven, Contr. U.S. National Herbarium 37(5): 327-328. 1969

U.S.A.: California, Madera County, 3.7 miles west of Oakhurst, *R.W. Thorp 63-10*, 15 May 1963, PARATYPE

*Campanula canariensis* L., Sp. Pl. 1: 168. 1753

CANARY ISLANDS: Tenerife, Tacoronte, *E. Asplund 644*, 1 Apr. 1933, TOPOTYPE

*Campanula incanescens* Boiss. ssp. *kermanica* Rech. f. & Aell., Publication unknown

IRAN: Prov. Kerman, Montes Djamal Bariz inter Bam et Djiroft, *K.H. & F. Rechinger 3730*, 8-10 May 1948, ISOTYPE

*Campanula komarovii* V. Maleev, Bull. Jard. Bot. Princ. URSS 29: 424-425. 1930

U.S.S.R.: Prov. Krasnodar, jugum Markotch, *A. Kolakovsky*, 21 June 1951, TOPOTYPE

*Campanula patula* L. var. *albiflora* G.G., Publication unknown.

FRANCE: Isère, La Balme-les-Grottes, *G.G.*, 26 June 1962, ? TYPE COLLECTION MATERIAL

*Campanula schischkinii* Kolak. & Sachok., Herb. Fl. URSS 12: 13. 1953

U.S.S.R.: Krasnodar, Distr. Tuapse, inter pag. Olginskoe et Dzhubga, *Kolakovsky & Sackokia*, 15 June 1951, ISOTYPE

*Camptosorus rhizophyllus* L. f. *boycei* C.L. Wilson, Amer. Fern Jour. 25: 18. 1935

U.S.A.: Vermont, Franklin Co., Highgate, *Charette et al. 2545*, 8 Sept. 1962, TOPOTYPE

*Campylanthus saloloides* Webb & Berth., Phyt. Canar. 3: 126. 1837

CANARY ISLANDS: Gran Canaria, Cuesta de Silva, *E. Asplund 1368*, 23 May 1933, TOPOTYPE

*Canarina campanulata* L., Mant. 2: 225. 1771

CANARY ISLANDS: Nivaria, Tigayga, *E.R. Sventenius 176*, 3 Mar. 1949, TOPOTYPE

*Capparis spinosa* L. var. *aravensis* Zoh., Publication unknown

PALESTINE: Env. of Dead Sea, Wadi Fiqra, *M. Zohary*, 4 June 1957, ? TYPE COLLECTION MATERIAL

*Caragana ×prestonae* Moore, *Can. J. Gen. & Cyt.* 5(2): 123. 1963

CULTIVATED: Canada, Ottawa, Central Expr. Farm, *R.J. Moore C30- 01-3*, 23 May 1962, HOLOTYPE

*Cardamine appendiculata* Fr. & Sav., *Enum. Pl. Jap.* 2: 281. 1879

JAPAN: Prov. Shimotsuke, Hondo, Nikko, Lake Tadenou-umi, *T. Koyama 201*, 27 Aug. 1952, TOPOTYPE

*Cardamine cordifolia* A. Gray, *Amer. Acad. Arts & Sci. Mem.* 4(1): 8. 1848

U.S.A.: New Mexico, Santa Fe Canyon, *A.A. & E.G. Heller 3647*, 2 June 1897, TOPOTYPE

*Cardamine curvisiliqua* Shuttl. ex Chapman, *Fl. S. U.S. Suppl.* p. 605. 1883

U.S.A.: Florida, St. Marks, *Rugel*, Apr.-May 1843, TYPE COLLECTION MATERIAL

*Cardamine hayneana* Welw. in *Reichenb. Fl. Germ. excurs.* p. 676. 1832

AUSTRIA: prope Weidlingau, Mauerbach, Hainbach etc., *Halácsy (Fl. ex. Aust.-Hung. 888)*, TOPOTYPE

*Cardamine hayneana* Welw. f. *simplex* Domin, *Fl. Cech. ex.* 256

CZECHOSLOVAKIA: Slovakia austro-occidentalis, prope oppidum Skalica, *E. Sillingerova*, 10 May 1931, ISOTYPE

*Cardamine hayneana* Welw. f. *subcorymbosa* Domin, *Fl. Cech. ex.* 257

CZECHOSLOVAKIA: Slovakia austro-occidentalis, prope oppidum Skalica, *E. Sillingerova*, 10 May 1931, ISOTYPE

*Cardamine integrifolia* (Nutt.) Greene var. *tracyi* Jeps., *Man. Fl. Pl. Calif.* 426. 1925

U.S.A.: California, Humboldt Co., lower Van Duzen R., *Parks & Tracy 0916*, 26 Mar. 1931, TOPOTYPE

*Cardamine vallicola* Greene, *Pittonia* 3: 116. 1896

U.S.A.: Colorado, Larimer Co., Dale Creek at Virginia Dale, *Weber & Jones 12391*, 9 June 1965, TOPOTYPE

*Carduncellus araneosus* Boiss. & Reutes, *Diagn. pl. nov. Hisp.* 18. 1842

SPAIN: Castella Nova, Aranjuez, *P. Font i Quer et Gros*, 2 June 1924, TOPOTYPE

- Carduus fontinalis* Greene, Proc. Acad. Phila. 1892: 363. 1893  
U.S.A.: California, San Mateo Co., [1/2] mi. E of Crystal Springs Lake, *L.S. Rose 53046*, 29 June 1953, TOPOTYPE
- Carduus orthocephalus* Wallr. f. *mulliganii* Boivin, Nat. can. 94: 646. 1967  
CANADA: Ontario, Grey Co., Flesherton, *Mulligan & Moore*, 24 July 1957, HOLOTYPE
- Carduus pallidus* Woot. & Standl., Contr. U.S. Nat. Herb. 16: 195. 1913  
U.S.A.: New Mexico, Pecos River National Forest near Winsors Ranch, *P.C. Standley 4357*, 16 July 1908, ISOTYPE
- Carduus vernalis* Osterh., Muhlenbergia 7: 12. 1911  
U.S.A.: Colorado, Mesa Co., DeBeque, *W.A. Weber 16875*, 27 June 1983, TOPOTYPE
- Carex alticola* Poplawska, Trav. Mus. Bot. Acad. Sc. Petersb. 12: 178-179. 1914  
U.S.S.R.: Jakutia, Distr. Olekminsk inter fl. Tungir et Olekema, *Sukatschew & Poplawska* (Herb. Fl. URSS 2901), 29 June 1910, TOPOTYPE
- Carex* × *anticostensis* (Fern.) Lepage nm. *inflatior* Lepage, Nat. can. 83: 113. 1956  
CANADA: Québec, près du lac Manik, riv. Roggan, *Lepage 12779*, 22 août 1950, ISOTYPE
- Carex* × *anticostensis* (Fern.) Lepage nm. *longidens* Lepage, Nat. can. 83: 110-111. 1956  
CANADA: Quebec, Fort Chimo, *J.A. Calder 2355*, 4 Aug. 1948, HOLOTYPE
- Carex* × *anticostensis* (Fern.) Lepage nm. *minor* Lepage, Nat. can. 83: 111. 1956  
CANADA: Québec, Gaspé, Table-top Mountain, *Fernald & Collins 188*, 13 Aug. 1906, ISOTYPE
- Carex* × *aquanigra* Boivin, Nat. can. 94: 522. 1967  
CANADA: Québec, Ste. Pétronille, *G. Lemieux 3231*, 11 juillet 1962, HOLOTYPE
- Carex aquatilis* Wahl. var. *plumbeophila* Kelso, Biol. Leafl. 51: 2. 1950  
U.S.A.: Colorado, Leadville, *L. Kelso 6846, 6857*, 10 Sept. 1953, TOPOTYPES
- Carex arctogena* H. Smith, Acta Phytogeogr. Suec. 13: 193. 1940  
SWEDEN: Torne Lappmark, Karesuando Parish, Moskana, *H. Smith*, 27 July 1933, ISOTYPE
- Carex arenaria* L. f. *pumila* Kneucker, Publication unknown  
GERMANY: bei Gross-Muritz in Mecklenburg, *W. Lackowitz*, 14- 15 July 1901 (A. Kneucker: Carices exsiccatæ. X. Lieferung. 1902), ? TYPE COLLECTION MATERIAL
- Carex argentina* Barros, Darwiniana 8: 409-410. 1948  
ARGENTINA: Chubut "El Clarque", *Soriano 2211*, 4 Dec. 1946, ISOTYPE

*Carex aristata* R.Br. var. *kirschsteiniana* Aschers., Graebn. & Kuk., Asch., Verh. Bot. Ver. Prov. Brand. 41: 67. 1900

GERMANY: Brandenburg, Behnitz, *R. Gross*, 28 June 1908, TOPOTYPE

*Carex assiniboinensis* Boott f. *ambulans* J.P. Bernard, Nat. can. 86: 16. 1959

CANADA: Manitoba, Otterburne, *J.P. Bernard* 58/530, 10 août 1958, ISOTYPE

*Carex austrokoreensis* Ohwi, Acta Phytotax. & Geobot. Kyoto 5: 54. 1936

KOREA: Basi Mt. Chiisan, *J. Ohwi* 7198, June 1935, PARATYPE

*Carex barrattii* Torrey, Ann. Lyc. New York 1: 361-362. 1825

U.S.A.: New Jersey, *P.D. Knieskern* 406, TOPOTYPE

*Carex bergrothii* Palmgr., Comment. Biol. Soc. Scient. Fennicae 20(3): 4, 15. 1958

FINLAND: Alandia, par Hammarland, Hellesby, *M. & A. Palmgren* (Carices ext. ex. 117), 5 July 1937, TYPE COLLECTION MATERIAL

*Carex bonanzensis* Britton, Bull. N.Y. Bot. Gard. 2: 160. 1901

CANADA: Yukon, mouth of Bonanza Creek, *J.D. Campbell* 16, 18 July 1951, TOPOTYPE

*Carex brachyathera* Ohwi, Jap. Jour. Bot. 7: 190-191. 1934

FORMOSA: Mt. Nakotaisan, *J. Ohwi* 4022, July 1933, PARATYPE & TOPOTYPE

*Carex brizoides* var. *brunnescens* Kük., Mitth. Thür. bot. Ver. N.F. 2: 45. 1892

GERMANY: COBURG, *Kükenthal*, 9 June 1892, TOPOTYPE

*Carex brunnescens* (Pers.) Poir. ssp. *pacifica* Kalela, Ann. Bot. Fenn. 2: 211. 1965

CANADA: British Columbia, Azouzetta Lake, *Calder et al.* 13969, 3 Aug. 1954, HOLOTYPE

*Carex caespitosa* L. var. *waisbeckeri* Kük., Das Pflanzenreich 4: 20. 1909

HUNGARY: Güns, *A. Waisbecker* (Kneucker, Carices ex. 9: 250. 1901), May 1897, TYPE COLLECTION MATERIAL

*Carex calderi* Boivin, Nat. can. 94: 522. 1967

CANADA: British Columbia, about 5 miles SSE of town of Burns Lake, *Calder, Savile & Ferguson* 14594, 16 Aug. 1954, HOLOTYPE

*Carex* ×*calderi* Boivin, Nat. can. 94: 522. 1967

CANADA: British Columbia, 5 miles SSE of Burns Lake, *Calder et al.* 14594, 16 Aug. 1954, HOLOTYPE

*Carex canariensis* Kük., Allg. bot. zeitschr. 6: 235. 1900

CANARY ISLANDS: Tenerife, montes de Anaga, *E. Asplund* 1285, 16 May 1933, TOPOTYPE

- Carex castellanosii* Barros, Lilloa 23: 415. 1950  
 ARGENTINA: prov. de San Juan, Paso de Colanguil, Vaca Muerta, *Castellanos 3671*, 4 Feb. 1950, ISOTYPE
- Carex ciliaris* Fern., Proc. Amer. Acad. 43: 61. 1907.  
 MEXICO: Hidalgo, Lena Station, *C.G. Pringle 10039*, 26 Aug. 1905, ISOTYPE
- Carex consimilis* Holm, Amer. Journ. Sc. 17: 310. 1904  
 CANADA: Yukon, 15 mi. S of Dawson, 63°55'N 139°28'W, *Cody & Ginns 33449*, 3 July 1984, TOPOTYPE
- Carex deweyana* Schw. var. *stricta* Farw., Mich. Acad. Sci. 20: 169. 1918  
 U.S.A.: Michigan, Keeweenaw Co., *O.A. Farwell 603*, 12 Sept. 1887, ISOTYPE
- Carex digitata* L. f. *eurycarpa* Domin, Flora Cechoslovenica ex. 237  
 CZECHOSLOVAKIA: Slovakia orientalis, montes Hnilecké, *Domin et al.*, 28 June 1931, ISOTYPE
- Carex digitata* L. f. *pallens* Fristedt subf. *brachyphylla* Domin, Flora Cechoslovenica ex. 348  
 CZECHOSLOVAKIA: Moravia, Olomouc, *J. Otruba*, 16 June 1932, ISOTYPE
- Carex dissitiflora* Franch var. *taiwanensis* Ohwi, Jap. Journ. Bot. 7: 193. 1934  
 TAIWAN: Noko-goe, *S. Akiyama*, 29 July 1938, TOPOTYPE
- Carex dissitiflora* Franch. var. *taiwanensis* Ohwi, Publication unknown  
 JAPAN: Formosa, Prov. Taihoku, Urai, *J. Ohwi*, Apr. 1933, ? TYPE COLLECTION MATERIAL
- Carex diversiflora* Host, Gram. Austr. 1: 53. 1801  
 AUSTRIA INFERIOR: Mödling, *Richter* (Fl. ex. Austro Hungarica 689), TOPOTYPE
- Carex ×dumanii* Lepage, Nat. can. 83: 143-5. 1956  
 CANADA: James Bay, Vieux-Comptoir, *E. Lepage 32078*, 30 juillet 1954, ISOTYPE
- Carex dutillyi* O'Neill & Duman, Rhod. 43: 413-414. 1941  
 CANADA: Manitoba, Churchill, *Duman 1358*, 26 July 1938, PARATYPE & TOPOTYPE
- Carex eburnea* Boott in Hook., Fl. Bor.-Am. 2: 226. 1840  
 CANADA: District of Mackenzie, Norman Wells, *Cody & Gutteridge 7535*, 24 July 1953, TOPOTYPE
- Carex ensifolia* (Turcz. ex Gorodk.) V. Krecz. ssp. *arctisibirica* Jurtz., Publication unknown  
 U.S.S.R.: *B. Jurtzev*, 26 July 1959, ? TYPE COLLECTION MATERIAL

- Carex erxlebeniana* Kelso, Biol. Leafl. 51: 1. 1950  
U.S.A.: Colorado, Rollinsville, *L. Kelso 6356*, 24 July 1948, TOPOTYPE
- Carex eurystachya* Herman, Leafl. West. Bot. 8: 109-110. 1957  
CANADA: Alberta, Jasper National Park, Mt. Edith Cavell, *F.J. Herman 13529*, 28 Aug. 1956, ISOTYPE
- Carex exerta* Mackenzie, Bull. Torrey Bot. Club 42: 620. 1915  
U.S.A.: California, Eldorado Co., Echo Lake, *A.A. Beetle 3960*, 16-22 July 1945, TOPOTYPE
- Carex filifolia* Nutt. var. *erostrata* Kük., Engler's Pflanzenreich 4(20): 89. 1909  
U.S.A.: California, Eldorado Co., Echo Lake, *A.A. Beetle 3960*, 16-22 July 1945, TOPOTYPE
- Carex foetida* All. f. *palustris* Boggiani, Publication unknown  
EUROPE: Flora Verbano-Lepontica, Valle Formazza, *M.O. Boggiani*, 2 July 1913, ? TYPE  
COLLECTION MATERIAL
- Carex* × *gardneri* Lepage, Nat. can. 84: 42. 1957  
CANADA: Labrador, Black Island, *G. Gardner 38115*, 19 July 1938, PARATYPE
- Carex* × *gauthieri* Lepage, Nat. can. 103: 387-9. 1976  
CANADA: Québec, co. Saguenay, Ilets-Jeremie, *Gauthier & Cayouette 74-236*, 13 juillet 1974, ISOTYPE
- Carex goodenoughi* Y. Gay. var. *juncella* Fr. f. *glauca* Lodenkirst, Publication unknown  
SWEDEN: Ångml., Lidan, *F. Lodenkirst*, 1886, ? TYPE COLLECTION MATERIAL
- Carex graciliculmis* Ohwi, Mem. Coll. Sc. Kyoto Imp. Univ. Sev. B. 6: 264. 1931  
KOREA: Kankyo-Holudo, Seisuiru, *J. Ohwi 461*, 4 June 1910, ISOTYPE
- Carex hachijoensis* Akiyama, J. Jap. Bot. 13: 645. 1937  
JAPAN: Honshu, Hachijo Is., *T. Koyama 12298*, 21 May 1961, TOPOTYPE
- Carex hatusimana* Ohwi, Jap. Jour. Bot. 7: 196. 1934  
JAPAN: Formosa, Prov. Takao, prope Jaijurin, *J. Ohwi 329*, March 1933, ISOTYPE
- Carex holostoma* Drej., Nat. Tidssk. 3: 447. 1841  
GREENLAND: Disko Island, Godhaven, *C.O. Erlanson 2649*, 26 Sept. 1927, TOPOTYPE
- Carex hymenodon* Ohwi, Acta Phytotax. et Geobot. 1: 298. 1932  
JAPAN: Pref. Tochigi, Mt. Asamayama, *M. Furuse 52*, TOPOTYPE
- Carex inaniae* Koidzumi var. *papillaticulmis* Ohwi, Publication unknown



JAPAN: Hondo, Honaimura in Yechigo, *J. Ohwi*, NSM No. 460, 3 May 1952, ? TYPE COLLECTION MATERIAL

*Carex incurviformis* Mack., Rydberg, Fl. Rocky Mts. 120. 1917  
CANADA: Alberta, Banff National Park, *A.J. Breitung 2964*, 15 July 1946, TOPOTYPE

*Carex interior* Bailey var. *charlestonensis* Clokey, Bull. S. Calif. Acad. Sci. 38: 1. 1939  
U.S.A.: Nevada, Clark Co., Charleston Park, *I.W. Clokey 7468*, 19 June 1937, ISOTYPE

*Carex ischostachya* Steudel var. *fastigiata* T. Koyama, Bot. Mag. (Tokyo) 69: 211. 1956  
RYUKU ISLANDS: Okinawa Island, *S. Tamaki 1959*, 5 May 1957, TOPOTYPE

*Carex jemtlandica* (Palmgr.) Palmgr. var. *kainuensis* Palmgr. Comment. Biol. Soc. Scient. Fennicae 2(3): 13, 15. 1958  
FINLAND: Ostrobothnia kajanensis par. Suomussalmi, *O. Kyyhkynen*, 10 July 1937, PARATYPE and TOPOTYPE

*Carex jimcalderi* Boivin, Phytologia 43: 67. 1979  
CANADA: British Columbia, Q.C.I., Moresby Island, *Calder & Taylor 35217*, 19 June 1964, HOLOTYPE

*Carex juniperorum* Catling, Reznicek & Crins, Syst. Bot. 18(3): 497-499. 1993  
CANADA: Hastings Co., Tyendinaga Twp., 7 km NE of Shannonville, *P.M. Catling 9100*, 9 June 1991, HOLOTYPE

*Carex juniperorum* Catling, Crins & Reznicek  
CANADA: Ontario, Hastings County., Tyendiga Twp., West of Salmon River, 5.5 km NE of Shannonville, *P.M. Catling 9102*, 11 June 1991, PARATYPE

*Carex ×kenaica* Lepage, Nat. can. 84: 95-97. 1957  
U.S.A.: Alaska, Goose Bay, northshore of Knick Arm, *E. Lepage 25271*, 17 July 1949, ISOTYPE

*Carex kotilainii* Palmgr., Comment. Biol. Soc. Scient. Fennicae 20: 6, 15. 1958  
FINLAND: Kuusamo, *M. & A. Palmgren 137*, 16 July 1937, ISOTYPE

*Carex kunioi* T. Koyama, J. Jap. Bot. 30: 131. 1955  
JAPAN: Honshu, Karuizawa, prov. Shinano, *K. Sato*, 12 June 1954, TYPE COLLECTION MATERIAL

*Carex lagunensis* M.E. Jones, Contr. West. Bot. 18: 26. 1933  
MEXICO: Cape Region, La Laguna, *J.H. Thomas 7890*, 16-18 May 1959, TOPOTYPE

*Carex lasiocarpa* Ehrh. var. *americana* Fernald, Rhodora 44: 304. 1942

U.S.A.: Maine, Penobscot County, Orono, *M.L. Fernald 189*, 23 June 1893, TYPE COLLECTION MATERIAL

*Carex latebracteata* Waterfall, *Rhod.* 56: 23. 1954

U.S.A.: Oklahoma, 16.4 miles N of Broken Bow, *U.T. Waterfall 11380*, 19 Apr. 1953, ISOTYPE

*Carex leiophylla* Mack., *N. Amer. Fl.* 18: 365. 1935

CANADA: Yukon, Carcross, *Gillett 3382*, 18 June 1949, TOPOTYPE

*Carex lepageana* Raymond, *Can. Field-Nat.* 66: 101. 1952

U.S.A.: Alaska, Anvil Hill, Nome, *E. Lepage 24031*, 15 Aug. 1948, ISOTYPE

*Carex lepidocarpa* Tausch var. *turgida* Palmgr. & Florstr., *Suomen Kasvio* 164. 1933

FINLAND: Alandia, par. Jomala, Västansunda, *M. & A. Palmgren* (*Carices ext. ex. 60*), 16 July 1933, TYPE COLLECTION MATERIAL

*Carex lepoxina* L. f. *approximata* Scheumann, Publication unknown

GERMANY: bei Hohensyburg, *Scheumann*, 13 July 20, ? TYPE COLLECTION MATERIAL

*Carex leptalea* Wahl. ssp. *pacifica* Calder & Taylor, *Can. Jour. Bot.* 43: 1391. 1965

CANADA: British Columbia, Q.C.I., Moresby Island, *Calder & Taylor 35217*, 19 June 1964, HOLOTYPE

*Carex leptalea* Wahl. var. *tayloris* Boivin, *Phytologia* 43: 67. 1979

CANADA: British Columbia, Mile 46 Haines Road, *Taylor et al. 1421*, 15 July 1956, HOLOTYPE

*Carex leucochlora* Bunge var. *subglabra* V. Vassil., *Fl. Exsiccatae CCCP* 3604

U.S.S.R.: Prov. Chabarovsk, vic. urb. Chabarovsk, *N. Desoulavy*, 7 June 1910, ISOTYPE

*Carex mairii* Cos. & Germain, *Obs. quel. pl. crit. env. Paris*, p. 18. 1840

FRANCE: Paris, *Maire*, TYPE COLLECTION MATERIAL

*Carex maritima* Gunn. ssp. *yukonensis* Porsild, *Nat. Mus. Canada Bull.* 216: 19. 1966

CANADA: Yukon, Kluane Lake, 61°02'N 138°25'W, *W.J. Cody 25863*, 18 June 1980, TOPOTYPE

*Carex marssonii* Auerswald, *Bot. Zeit.* 10: 409. 1852

GERMANY: Wolgast, *Marsson*, ISOTYPE

*Carex* × *massonii* Cayouette & Lepage, *Nat. Can.* 104: 567. 1977

CANADA: Quebec, comté de Montmorency, Parc des Laurentides, *P. Masson 5844*, 20 juillet 1953, ISOTYPE

*Carex melanocarpa* Cham. ex Trautv. var. *rigidior* T. Koyama, J. Fac. Sci. Univ. Tokyo 3, 8(4): 179

JAPAN: Hokkaido, Prov. Ishikari, Mt. Yuhbari, *M. Furuse 13021*, 31 July 1956, TOPOTYPE

*Carex mirata* Dewey var. *minor* Dewey, Amer. Jour. Sci. & Arts (ser. 2) 39: 73. 1865

CANADA: Ontario, Belleville, *J. Macoun*, 1864, HOLOTYPE OR ISOTYPE

*Carex missouriensis* P. Rothrock & A. Reznicek, Novon 11(2): 220. 2001

U.S.A.: Missouri, Audrain Co., Possumwalk Rd.-Audrain Co. Rd., No. 963, ca 0.8 mi W of intersection with Rt. E, P.M. McKenzie & B. Jacobs 1811, 28 May 1988, ISOTYPE

*Carex missouriensis* P. Rothr. & Reznicek

U.S.A.: Missouri, Macon County, south side of Hwy. 36, 0.4 mi W of the Chanton River Bridge, ca. 12 miles W of Macon, *Reznicek & Reznicek 9856*, 30 May 1994, PARATYPE

*Carex molestiformis* Reznicek & P. Rothr., Contr. Univ. Mich. Herb. 21: 300. 1997

U.S.A.: Arkansas, Washington Co., Springdale, Reznicek et al. 9793, 26 May 1994, PARATYPE

*Carex* ×*nearctica* Raymond

CANADA: Keewatin, Southampton Island, Coral Harbor, 64 09'N 83 18'W, *W.J. Cody 1693*, 31 July 1948, PARATYPE

*Carex* ×*neartica* Raymond in Lepage, Nat. can. 83: 134-135. 1956; Bull. Soc. Bot. de France 99: 195-196. 1952

CANADA: Keewatin, Southampton Island, Coral Harbor, *W.J. Cody 1744*, 2 Aug. 1948, ISOTYPE

*Carex* ×*neobigelowii* Lepage, Nat. can. 91: 166-167. 1964

CANADA: Québec, Rivière Romaine, *Dutilly & Lepage 41305a*, 12 août 1963, ISOTYPE

*Carex* ×*neopaleacea* Lepage, Nat. can. 83: 137-9. 1956

CANADA: Québec, east coast of James Bay, Paint Hills, *Dutilly et al. 32,975*, 3 sept. 1954, ISOTYPE

*Carex* ×*nubens* Lepage, Nat. can. 84: 40-41. 1957

CANADA: Québec, Eastmain River, *E. Lepage 33131*, 27 juillet 1955, ISOTYPE

*Carex obispoensis* Stacey, Leafl. West. Bot. 1: 240. 1936

U.S.A.: California, San Luis Obispo Co., Cuesta Ridge, *Thorne & Everett 31581*, 20 Apr. 1963, TOPOTYPE

*Carex obovoidea* Cronq., Madrono 7: 78. 1943

U.S.A.: Idaho, Valley Co., Beaver Creek, *C.L. Hitchcock 23711*, 17 Aug. 1964, TOPOTYPE

*Carex olbiensis* Jordan, Obs. Pl. Nouv. Fr. III p. 241. 1846

FRANCE: Hyères, *Jordan*, Mai 1843, TYPE COLLECTION MATERIAL

*Carex oronensis* Fernald, Proc. Am. Acad. 37: 471. 1902

U.S.A.: Maine, Orono, *M.L. Fernald* (Pl. ex. Gray. 152), 27 June 1916, TOPOTYPE

*Carex* ×*paleaceoides* Lepage, Nat. can. 94: 273. 1967

CANADA: Québec, Co. Rimouski, Saint-Simon, *E. Lepage 15247*, 17 juillet 1966, ISOTYPE

*Carex pallescens* L. var. *neogaea* Fernald, Rhodora 44: 306. 1942

U.S.A.: Maine, Penobscot County, Orono, *M.L. Fernald 186*, 23 June 1893, TYPE COLLECTION MATERIAL

*Carex panicea* L. var. *nigra* O. Kuntze, Taschen-Flora von Leipzig 19. 1867

GERMANY: *O. Kuntze*, June 1861, TYPE COLLECTION MATERIAL

*Carex persistens* Ohwi, Publication unknown

JAPAN: Hondo, Kibune, in Yamashiro, *J. Ohwi*, 15 June 1931, ? TYPE COLLECTION MATERIAL

*Carex pilulifera* L. f. *elata* Domin, Fl. Cech. ex. 357

CZECHOSLOVAKIA: Slovakia sept., montes Bielské. Tatry, *Domin & Suza*, 1 Aug. 1953, ISOTYPE

*Carex phaeodon* T. Koyama, J. Jap. Bot. 30: 315. 1955

JAPAN: Taru-toge, Yamanashi Pref. Collector unknown, 26 Apr. 1956, TOPOTYPE

*Carex praestabilis* Ohwi, Mem. Coll. Sc. Kyoto Imp. Univ. Ser. B 6: 262. 1931

JAPAN: Hondo, Mt. Kurakake in Shimotsuke, *H. Sekimoto*, 25 May 1931, ISOTYPE

*Carex praticola* Rydb. var. *subcoriacea* Hermann, Leafl. West. Bot. 8: 113. 1957

CANADA: Alberta, McLeod River, Mountain Park, *F.J. Hermann 13453*, 26 Aug. 1956, ISOTYPE

*Carex* ×*pseudo-helvola* Kihlman, Medd. Soc. pro fauna et flora Fennica 1888-91: 69-74

FINLAND: Nylandia par Esbo, *A.O. Kihlman*, 7 July 1879 (Pl. Fin. ex. 109a), TYPE COLLECTION MATERIAL

*Carex* ×*quebecensis* Lepage, Nat. can. 91: 167-168. 1964

CANADA: Québec, Rivière Romaine, *Dutilly & Lepage 41305*, 12 août 1963, ISOTYPE

*Carex ×quirponensis* Fernald, Rhod. 28: 164. 1926

CANADA: Newfoundland, Quirpon Island, *Fernald & Long 27696*, 7 Aug. 1925, ISOTYPE

*Carex raleighii* Nelms, Kew Bull. 1939 (6): 310. 1939

AUSTRALIA: Victoria, Bogong Co., Mt. Hotham-Omeo Road, *R.A. Black*, 30 Jan. 1938, ISOTYPE

*Carex raymondii* Calder

CANADA: Mackenzie, Seven Mile Lake, 27 miles west of Fort Smith, 60 02'N 112 38'W, *W.J. Cody 4640*, 22 July 1950, PARATYPE; Alexandra Falls, Hay River, 60 30'N 116 17'W, *W.H. Lewis 643*, 11 July 1951, PARATYPE; Yukon, west slope of Moosehide Mountain, Dawson, *Calder & Billard 3784*, 19 July 1949, PARATYPE; Saskatchewan, 4 miles east of McKague, *A.J. Breitung s.n.*, 26 June 1938, PARATYPE; McKague, *A.J. Breitung 8618*, 18 June 1935, PARATYPE; 2 miles west of Villardville, *A.J. Breitung 718*, 23 July 1940, PARATYPE; Tallpines, *G.F. Ledingham s.n.*, 4 July 1935, PARATYPE; Prince Albert National Park, *W.P. Fraser s.n.*, 4 July 1934, PARATYPE; Jack Pine woods, Candle Lake, *Boivin & Breitung 6261*, 28 June 1949, PARATYPE; Alberta, Whitemud Creek, Edmonton, *G.H. Turner 2570*, 3 July 1941, PARATYPE; Beaverlodge, *L. Jenkins 167*, 23 June 1947, PARATYPE; 1 mile southwest of Fort Smith, *Cody & Loan 4498*, 17 July 1950, PARATYPE

U.S.A.: Alaska, Delta Junction, Mile 268 Richardson Highway, 64 02'N 145 45'W, *Cody & Webster 5947*, 13 July 1951, PARATYPE

*Carex raymondii* Calder, Rhod. 54: 246-247. 1952

CANADA: Manitoba, Gillam, *W.B. Schofield 1270*, 27 July 1950, HOLOTYPE

*Carex reichenbachii* Kük., Das Pflanzenreich 4/20: 138. 1909

GERMANY: Saxonia, "Priessnitzgrund", *E.R. Missbach*, (Dörfler, Herb. Norm. 5198), June 1907, TOPOTYPE

*Carex retrorsa* Schwein. f. *multispicula* Lepage, Nat. can. 86: 68. 1959

CANADA: Ontario, Riv. Missinaibi, *Dutilly & Lepage 36344*, 1 août 1958, ISOTYPE

*Carex rorulenta* Porta & Rigo, Nuovo Giron. Bot. Ital. 29: 321-322. 1887

SPAIN: Baléares, Puig Mayor, *F. Bianor* (Pl. d'Espagne-F. Sennen 1452), 31 Mar. 1912, TOPOTYPE

*Carex rosea* Schkuhr var. *minor* Boott f. *debilis* Farwell, Mich. Acad. Sci. 2: 19. 1923

U.S.A.: Michigan, Wayne Co., Trenton, *O.A. Farwell 5781*, 26 May 1921, ISOLECTOTYPE

*Carex rostrata* Stokes × *C. saxatilis* L. var. *miliaris* (Michx.) Bailey, Rhod. 10: 48. 1908

CANADA: Québec, Gaspé, Table-top Mountain, *Fernald & Collins 188*, 13 Aug. 1906, ISOTYPE

*Carex rostrata* Stokes × *vesicaria* L. f. *glomerata* Kaulfuss, Publication unknown

EUROPE: Bavaria, prope Nurmberg, *T. Kaulfuss*, 12 July 1902, ? TYPE COLLECTION MATERIAL

*Carex rotundata* Wahl. f. *pallida* Montell, Publication unknown  
FINLAND: prope Onnala, *I. Montell*, 1 Aug. 1949, ? TYPE COLLECTION MATERIAL

*Carex* × *saxenii* Raymond nm. *ferruginea* Lepage, Nat. can. 83: 142. 1956  
CANADA: Québec, James Bay, Fort George, *Dutilly et al.* 32,357, 14 août 1954, ISOTYPE

*Carex scopulorum* Holm, Amer. Jour. Sc., fourth series, 14: 422-423. 1902  
U.S.A.: Colorado, Gray's Peak, *L. & E.H. Kelso* 7317, 28 Aug. 1954, TOPOTYPE

*Carex seatoniana* Bailey, Bot. Gaz. 25: 270. 1898  
MEXICO: near Tula, *C.G. Pringle* 7452, 24 June 1897, ISOTYPE

*Carex sempervirens* Vill. var. *pseudotrists* Domin, Rozpr. České Akad. tr. 2: 8. 1931  
CZECHOSLOVAKIA: Rossia subcarpatica, *Mil. Deyl* (Fl. Cech. ex. 240), 24 July 1931, TYPE COLLECTION MATERIAL

*Carex shinersii* P. Rothrock & A. Reznicek, Novon 11(2): 225. 2001  
U.S.A.: Kansas, Chase Co., 2.0 mi. E of Staffordville on US Hwy. 50, NW corner of jct. of 100 Rd. and Hwy. 50, C.A. Morse & D.S. Baker 344, 9 June 1999, PARATYPE

*Carex shortiana* Dewey, Am. Jour. Sci. 30: 60. 1836  
U.S.A.: Kentucky, Lexington, *Dr. Short*, ISOTYPE

*Carex silvatica* Huds. f. *gigantea* Vollmann, Publication unknown  
GERMANY: Bayern, Oberpfalz, *F. Vollman*, July 1900, ? TYPE COLLECTION MATERIAL

*Carex sonomensis* Stacey, Leafl. West. Bot. 11: 63. 1937  
U.S.A.: California, Sonoma Co., Pitkin Marsh, *J.T. Howell* 20889, 30 May 1945, TOPOTYPE

*Carex sorianoi* Barros, Darwiniana 9: 166-167. 1949  
ARGENTINA: Monte Aymond, 52°10'N, 69°30'W, *A. Soriano* 3297, 22 Jan. 1949, ISOTYPE

*Carex stenantha* Franch. & Sav. var. *taisetsuensis* Akiy., Publication unknown  
JAPAN: Mt. Taisetsu, Hokkaido, *S. Akiyama* 14 Aug. 1934, ? TYPE COLLECTION MATERIAL

*Carex* × *subimpressa* Clokey, Rhod. 21: 84. 1919  
U.S.A.: Illinois, Macon Co., *I.W. Clokey* 2338, 8 June 1915, ISOTYPE

*Carex* × *sublimosa* Lepage, Nat. can. 83: 139-140. 1956

CANADA: Québec, Vieux-Comptoir, James Bay, *E. Lepage* 33072, 33069, 33057, 25-27 juillet 1955, TOPOTYPES

*Carex* ×*subnigra* Lepage, *Nat. can.* 84: 46-47. 1957

CANADA: Nova Scotia, Point Michaud, *Smith et al.* 797, 1 Aug. 1948, HOLOTYPE

*Carex subnigricans* Stacey, *Leafl. West. Bot.* 2: 167-168. 1939

U.S.A.: California, Mono Co., Harvey Monroe Hall Natural Area, *D.D. Keck* 4914, 16 Aug. 1938, PARATYPE

*Carex superata* Naczi, Reznicek & Ford, *Am. J. bot.* 85: 443. 1998

U.S.A.: Kentucky, Cumberland Co., N side of Ky Hwy 214, 2.2 mi W of junction with Hwy. 61 at Peytonsburg, Reznicek, Reznicek & Naczi 9563, 23 June 1993, PARATYPE

*Carex tahoensis* Smiley, *Univ. Calif. Pub. Bot.* 9: 119. 1921

U.S.A.: California, Eldorado Co., Mt. Tallac, *J.T. Howell* 22952, 31 Aug. 1946, TOPOTYPE

*Carex tasmanica* Kük., *Bull. Herb. Boiss.* 4: 59. 1904

AUSTRALIA: Tasmania, Pontville (River Jordan), *A.H.S. Lucas* 20796, Dec. 1924, TOPOTYPE

*Carex tenuiflora* Wahlenb. ×*C. trisperma* Fernald, *Rhod.* 4: 226. 1902

U.S.A.: Maine, Fort Fairfield, *Williams et al.* (Pl. Ex. Gray 110), 19 July 1902, ISOTYPE

*Carex tenuior* Koyama & Chuang, *Quart. J. Taiwan Mus.* 13: 227. 1960

JAPAN: Ryukyus, Is. Amami-Oshima, Sumiyo-mura, *Hatusima & Sako* 21828, 25 Mar. 1958, ISOTYPE

*Carex tompkinsii* J.T. Howell, *Leafl. West. Bot.* 9: 185-186. 1961

U.S.A.: California, Fresno Co., Copper Creek, *J.T. Howell* 35333, 6 June 1960, ISOTYPE

*Carex transylvanica* Schur., *Sert. Fl. Trans.* 80(3009). 1853

ROMANIA: Transylvanie, environs de Langenthal, *J. Barth* (Soc. dauph. 1404), 10 mai 1876, TOPOTYPE

*Carex turgidula* Bailey, *Bot. Gaz.* 25: 271. 1898

U.S.A.: Idaho, Nez Perces Co., Lake Wawa, *A.A. & E.G. Heller* 3400, 9 July 1896, ISOLECTOTYPE

*Carex verna* Chaix. var. *microtricha* Ohwi, Publication unknown

JAPAN: Hondo, Kawakami in Shinano, *J. Ohwi*, NSM. No. 251, May 1951, ? TYPE  
COLLECTION MATERIAL

*Carex viridula* Michx f. *pygmaea* Lepage, *Nat. Can.* 89: 115. 1962

CANADA: Quebec, côté nord du lac Chakanipun, 56 25'N 68 42'W, A. Dutilly & E. Lepage 39274, 16 août 1961, ISOTYPE

*Carex vulpinoidea* Michx. var. *segregata* Farwell, Mich. Acad. Sci. 22: 180. 1921  
U.S.A.: Michigan, Monroe Co., Dundee, *O.A. Farwell 5302*, 15 July 1919, ISOLECTOTYPE

*Carex yukonensis* Britt., Bull. N.Y. Bot. Gard. 2: 159. 1901  
CANADA: Yukon, Dawson, *Calder & Billard 3124*, 18 June 1949, TOPOTYPE

*Carpenteria californica* Torr., Smithsonian Contrib. to knowledge 6: 12. 1854  
U.S.A.: California, Fresno Co., northeast of Tollhouse, *McClintock et al.*, 28 May 1967,  
TOPOTYPE

*Carpinus betulus* L. f. *subacuta* Domin, Fl. Cech. ex. 245  
CZECHOSLOVAKIA: Bohemia centralis, prope urbem Praha, *Domin & Deyl*, 10 Aug. 1931,  
ISOTYPE

*Carpodiptera cubensis* Griseb., Mem. Am. Acad. (n.s.) 8(1): 164. 1861  
CUBA: Las Villas province, Gavilan, *Howard et al.* (Pl. Ex. Gray 1447), 3 July 1951,  
TOPOTYPE

*Caryophyllus balsanae* Guillaum., Bull. Soc. Bot. France 1938, 85: 648. 1939  
NEW CALEDONIA: Nakety, *Balansa 2071*, TYPE COLLECTION MATERIAL

*Casearia herbert-smithii* Rusby, Descriptions of Three Hundred New Species of South  
American Plants, pp. 63-64. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 1768* (1898-1901), ? ISOTYPE

*Cassia depressa* Pollard, Bull. Torrey Bot. Cl. 22: 515-516. 1895  
U.S.A.: Florida, Gadsden Co., River Junction, *G.V. Nash 2571*, 6 Sept. 1895, ISOTYPE

*Cassia leptadenia* Greenm., Proc. Amer. Acad. 41: 238. 1905  
U.S.A.: Arizona, near the Mexican boundary, *G.G. Pringle 92*, 20 Aug. 1884, TYPE  
COLLECTION MATERIAL

*Cassia multipinnata* (Pollard) Greene var. *nashii* Pollard, Bull. Torrey Bot. Cl. 22: 515. 1895  
U.S.A.: Florida, Gadsden Co., River Junction, *G.V. Nash 2577*, 5 Sept. 1895, ISOTYPE

*Cassiope lycopodioides* (Pall.) D. Don ssp. *crispilosa* Calder & Taylor, Can. Jour. Bot. 43: 1397-  
1398. 1965  
CANADA: British Columbia, Queen Charlotte Islands, Graham Island, north end of Dawson Inlet  
off Skidegate Channel, *Calder et al. 22825*, 24 July 1957, HOLOTYPE; Empire Anchorage, *Calder  
& Savile 21462*, 13 June 1957, PARATYPE; Masset Inlet, mountain at head of McClinton Bay,  
*Calder et al. 21613*, 17 June 1957, PARATYPE; north end of Dawson Inlet, *Calder et al. 35097*,



15-16 June 1964, PARATYPE; between Ells Point and Mercer Point, *Calder et al.* 22898, 25 July 1957, PARATYPE; Newton Point, west of Skidegate Channel, *Calder et al.* 22950, 25 July 1957, PARATYPE; east side of Shields Bay, Rennell Sound, *Calder & Taylor* 23281, 8 Aug. 1957, PARATYPE; about 3 miles southwest of Jalun Lake and 11½ miles west of head of Naden Harbour, *Calder & Taylor* 35647, 1 July 1964, PARATYPE; Moresby Island, south side of Buck Channel opposite Chaatl Island, *Calder et al.* 21795, 25 June 1957, PARATYPE; Newcombe Peak at head of Cushewa Inlet, *Calder et al.* 22029, 30 June 1957, PARATYPE; head of Bigsby Inlet opposite Lyell Island, *Calder et al.* 22172, 34898, 5-6 July 1957, PARATYPES; Echo Harbour off Darwin Sound, *Calder et al.* 22339, 9 July 1957, PARATYPE; mountain above Mosquito Lake near head of Cumshewa Inlet, *Calder & Taylor* 23730, 24 Aug. 1957, PARATYPE; head of Anna Inlet west of Lockeport, *Calder et al.* 34950, 11 June 1964, PARATYPE; upper Victoria Lake, *Calder & Taylor* 35714, 5 July 1964, PARATYPE; west of head of Cumshewa Inlet below north face of Mount Moresby, *Calder & Taylor* 36426, 31 July 1964, PARATYPE; head of Sunday Inlet, *Calder & Taylor* 36585, 5 Aug. 1964, PARATYPE; south entrance to Sunday Inlet, *Calder & Taylor* 36642, 5 Aug. 1964, PARATYPE; head of Mike Inlet, *Calder & Taylor* 36663, 6 Aug. 1964, PARATYPE

*Castanea crenata* Siebe & Zucc. f. *pleiocarpa* (Makino) Hiyama, Publication unknown  
JAPAN: Tokyo Pref., Ohizumi, Nerima-ku, *T. Makino*, 26 June 1937, ? TYPE COLLECTION MATERIAL

*Castanea crenata* Sieb. & Zucc. f. *syakacephala* (Makino) Sugimoto, Publication unknown  
JAPAN: Tokyo Pref., Ohizumi, Nerima-ku, *T. Makino*, 25 June 1937, ? TYPE COLLECTION MATERIAL

*Castanea pumila* Miller, Gardner's Dictionary ed. 8, 1768  
U.S.A.: Virginia, prope Norfolk, *Rugel*, June 1840, TOPOTYPE

*Castilleja applegatei* Fern., *Erythea* 6: 40-50. 1898  
U.S.A.: Oregon, Klamath Co., Crater Lake National Park, Mt. Scott, *Holmgren & Reveal* 2895, 17 July 1966, TOPOTYPE

*Castilleja aquariensis* N. Holmgr., *Bull. Torrey Bot. Club* 100: 87-89. 1973  
U.S.A.: Utah, Garfield Co., 17 airline miles northwest north of Escalante, *Holmgren & Holmgren* 4726, 11 Aug. 1970, ISOTYPE

*Castilleja barnebyana* Eastw., *Leafl. West. Bot.* 3: 88. 1941  
U.S.A.: Nevada, White Pine Co., 2.5 miles east of Connors Pass, *Holmgren & Reveal* 924, 13 June 1964, TOPOTYPE

*Castilleja breweri* Fern., *Erythea* 6: 49. 1898  
U.S.A.: California, Tolumne Co., Yosemite National Park, between Tiogo Pass and Mt. Dana, *Holmgren & Reveal* 2925, 22 July 1966, TOPOTYPE

*Castilleja breweri* Fern. var. *pallida* Eastw., *Leafl. West. Bot.* 2: 284. 1940

U.S.A.: California, Alpine Co., Sierra Nevada, Carson Pass, *Holmgren & Reveal 2917*, 21 July 1966, TOPOTYPE

*Castilleja carterae* Beane, Contrib. Dudley Herb. 4: 37. 1950

U.S.A.: California, Fresno Co., Huntington Lake, Rancheria Camp Ground, *Bacegalupi & Ferris 3515*, 23 Aug. 1951, TOPOTYPE

*Castilleja clokeyi* Pennel

U.S.A.: Clark County, Charleston Peak, *I.W. Clokey 5585*, 8 Aug. 1935, PARATYPE; Clark Canyon, *I.W. Clokey 7318*, 1 June 1936, ? PARATYPE

*Castilleja chlorotica* Piper, Proc. Biol. Soc. Wash. 33: 104-105. 1920

U.S.A.: Oregon, Lake Co., Gearhart Mountain Wild Area, *Holmgren & Reveal 2891*, 16 July 1966, TOPOTYPE

*Castilleja christii* N. Holmgr., Bull. Torrey Bot. Club 100: 91- 93. 1973

U.S.A.: Idaho, Cache Peak Range, Harrison Mountain, *Holmgren & Reveal 2866*, 12 July 1966, ISOTYPE

*Castilleja cinerea* A. Gray, Proc. Am. Acad. 19: 93. 1883

U.S.A.: California, San Bernardino Co., San Bernardino Mts., Big Bear Lake, *A.J. Breitung 15488*, 10 June 1953, TOPOTYPE

*Castilleja clokeyi* Pennell, Proc. Acad. Sci. Philad. 89: 420-421. 1938

U.S.A.: Nevada, Kyle Canyon, *I.W. Clokey 7322*, 8 July 1936, ISOTYPE

*Castilleja clokeyi* Pennel

U.S.A.: Clark County, Charleston Peak, *I.W. Clokey 5585*, 8 Aug. 1935, PARATYPE; Clark Canyon, *I.W. Clokey 7318*, 1 June 1936, ? PARATYPE

*Castilleja dissitifolia* N. Holmgren, Mem. New York Botanical Garden 21: 46-48. 1971

U.S.A.: Nevada, White Pine County, White Pine Range, Mount Hamilton, southeast slope, *Holmgren & Reveal 2772*, 30 June 1966, ISOTYPE; Nye County, Toquima Range, Pine Creek drainage, *Holmgren & Reveal 1413*, 12 July 1964, PARATYPE; Toquima Range, Pine Creek Drainage, South Fork, *Holmgren & Reveal 1517*, 3 Aug. 1964, PARATYPE; Eureka County, Monitor Range, 1 mile west of summit, *Holmgren & Reveal 1462*, 14 July 1964, PARATYPE; Diamond Mountains, Cottonwood Creek drainage, *Holmgren & Holmgren 4436*, 16 July 1970, PARATYPE; White Pine County, Egan Range, *Holmgren & Reveal 2804*, 3 July 1966, PARATYPE; Schell Creek Range, *Holmgren et al. 2234*, 22 July 1965, PARATYPE; Mt. Moriah, northern Snake Range, *Holmgren & Reveal 2829*, 7 July 1966, PARATYPE

*Castilleja glandulifera* Pennell, Not. Nat. Acad. Nat. Sci. Phil. 74: 8. 1941

U.S.A.: Oregon, Baker Co., Blue Mts., Elkhorn Range, *Holmgren & Reveal 2974*, 7 Aug. 1966, TOPOTYPE

*Castilleja kaibabensis* N. Holmgr., Bull. Torrey Bot. Club 100: 89-91, 1973

U.S.A.: Arizona, Coconino Co., Kaibab Plateau, *Holmgren & Holmgren 4682*, 7 Aug. 1970, ISOTYPE

*Castilleja kaibabensis* N. Holmgren

U.S.A.: Arizona, Coconino County, Kaibab Plateau, 20 airline miles south of Jacob Lake, *Holmgren & Holmgren 4668*, 6 Aug. 1970, PARATYPE; 2 miles north of Grand Canyon National Park boundary, *Holmgren & Reveal 2995*, 12 Aug. 1966, PARATYPE

*Castilleja linariaefolia* Benth. f. *omnipubescens* Pennell, Proc. Acad. Nat. Sci. Philadelphia 89: 424. 1938

U.S.A.: Nevada, Charleston Mts., Lee Canyon, *I.W. Clokey 7323*, 29 July 1936, ISOTYPE

*Castilleja linoides* Gray, Syn. Fl. N. Am. 11 I. 298. 1886

U.S.A.: Nevada, Elko Co., East Humboldt Range, *Holmgren & Reveal 2844*, 10 July 1966, TOPOTYPE

*Castilleja lutea* Heller, Bull. New York. Bot. Gard. 25: 268. 1898

U.S.A.: Idaho, Nez Perces Co., Lewiston, *A.A. & E.G. Heller 3090*, 20 May 1896, ? TYPE - PUBLICATION NOT AVAILABLE

*Castilleja martinii* Abrams, Bull. So. Cal. Acad. 1: 69. 1902

U.S.A.: California, Los Angeles Co., San Gabriel Mts., 2 mi. NW of Mt. Wilson Top, *Holmgren & Reveal 2614*, 30 May 1966, TOPOTYPE

*Castilleja neglecta* Zeile in Jepson Man. Fl. Pl. Calif. 936. 1925

U.S.A.: California, Marin Co., Tiburon, *H.L. Mason 12286*, 20 May 1940, TOPOTYPE

*Castilleja nivea* Pennell & Ownbey, Not. Nat. Acad. Nat. Sci. Phil. No. 227: 2-3. 1950

U.S.A.: Montana, Carbon Co., Beartooth Mts., *A. Cronquist 8080*, 6 Aug. 1955, TOPOTYPE

*Castilleja pringlei* Fern., Proc. Am. Acad. 40: 56. 1904

MEXICO: Hidalgo, Sierra de Pachuca, *C.G. Pringle 8666*, 22 Aug. 1902, ? TYPE - PUBLICATION NOT AVAILABLE

*Castilleja pruinosa* Fern., Erythea 6: 50. 1898

U.S.A.: Oregon, Klamath Co., Swan Lake Valley, *Holmgren & Reveal 2682*, 10 June 1966, TOPOTYPE

*Castilleja revealii* N. Holmgr., Bull. Torrey Bot. Club 100: 87 1973

U.S.A.: Utah, Garfield Co., Bryce Canyon National Park, *Holmgren & Reveal 2017*, 24 June 1965, ISOTYPE

*Castilleja roseana* Eastw., Leafl. West. Bot. 2: 104. 1938

U.S.A.: California, Monterey Co., between San Lucas and Priest Valley, *Holmgren & Reveal 2621*, 2 June 1966, TOPOTYPE

*Castilleja salsuginosa* N. Holmgr., Bull. Torrey Bot. Club. 100: 83-85, 1973

U.S.A.: Nevada, White Pine Co., Steptoe Valley, Monte Neva Hot Springs, *Holmgren & Reveal 2764*, 4 July 1966, ISOTYPE

*Castilleja viscidula* Gray, Syn. Fl. N. Am. 11 I, 298. 1886

U.S.A.: Nevada, Elko Co., East Humboldt Range, Angel Lake, *Holmgren & Reveal 2843*, 10 July 1966, TOPOTYPE

*Ceanothus fendleri* A. Gray, Pl. Fendl. 29. 1849

U.S.A.: New Mexico, Santa Fe Canyon, 9 miles east of Santa Fe, *A.A. & E.G. Heller 3705*, 16 June 1897, TOPOTYPE

*Ceanothus ferrisiae* McMinn, Madrono 2: 89. 1933

U.S.A.: California, Santa Clara Co., 4 mi. E of Madrone above Coyote River, *L.S. Rose 55056*, 11 Apr. 1955, TOPOTYPE

*Ceanothus foliosus* Parry var. *vineatus* McMinn, *Ceanothus* 221. 1942

U.S.A.: California, Sonoma Co., Vine Hill, *L.S. Rose 55061*, 2 June 1955, TOPOTYPE

*Ceanothus gloriosus* Howell var. *porrectus* Howell, Leafl. West. Bot. 4: 31. 1944

U.S.A.: California, Marin Co., west of Inverness, *J.T. Howell 25314*, 15 May 1949, TOPOTYPE

*Ceanothus maritimus* Hoover, Leafl. West. Bot. 7: 111. 1953

U.S.A.: California, San Luis Obispo Co., Ocean Bluffs, 1.8 mi. N of Arroyo, *R.H. Hoover 7411*, 24 Jan. 1948, ISOTYPE

*Ceanothus purpureus* Jepson, Fl. W. Middle Calif. 258. 1901

U.S.A.: California, Napa Co., Wooden Valley Grade, 6 mi. NE of Napa, *L.S. Rose 48010*, 8 March 1948, TOPOTYPE

*Ceanothus tomentosus* Parry, Proc. Davenp. Acad. 5: 190. 1889

U.S.A.: California, Amador Co., Ione, *L.S. Rose 60024*, 3 May 1960, TOPOTYPE

*Cedrela saxatilis* Rose, Contr. U.S. Nat. Herb. 8(4): 314-315. 1905

MEXICO: Morelos, Cuernavava, *C.G. Pringle 11805*, 10 Sept. 1903, EX-HOLOTYPE

*Cedronella canariensis* Webb & Berth., Phyt. Canar. 3: 87

CANARY ISLANDS: Tenerife, Aguamansa, *E. Asplund 1065*, 1933, TOPOTYPE

*Celastrus linearis* L. var. *madagascariensis* Greve, Publication unknown  
MADAGASCAR: *M. Greve*, 1883, ? TYPE COLLECTION MATERIAL

*Celosia whiteii* Grant, Can. J. Bot. 39: 48. 1961  
CULTIVATED: from Maylaya, Malacca, Klebang Rd., *W.F. Grant 207*, 1957, ISOTYPE

*Celsia iranica* Rechinger et al., Anz. Osterr. Akad. Wiss. Math.- Nat. 87: 189-191. 1950  
IRAN: Kerman, Montes Djamal Bariz inter Bam et Djiroft, *K.H. & F. Rechinger 3790*, 8-10  
May 1948, ISOTYPE

*Celtis tenuifolia* Nutt. var. *soperi* Boivin, Nat. can. 94: 623-624. 1967  
CANADA: Ontario, Lambton Co., Grand Bend, *Soper & Burcher 2200*, 18 July 1940,  
HOLOTYPE

*Celtis tenuifolia* Nutt. var. *soperi* Boivin  
CANADA: Ontario, Grand Bend, *L.O. Gaiser 207*, 13 Sept. 1938, PARATYPE  
U.S.A.: Illinois, Calhoun County, Mississippi bluffs, Hamburg, *V.H. Chase 10257*, 23 Apr.  
1949, PARATYPE; Pope County, Rocky bluff near Waltersburg and 3 miles east of Dixon Springs,  
*G.S. Winterringer 1345*, 21 July 1948, PARATYPE

*Centaurea aspera* L. var. *uniflora* Gavelle, Publication unknown  
FRANCE: Grasse, *G. Gavelle*, 4 juin 1963, ? TYPE COLLECTION MATERIAL

*Centaurea badensis* Trattinick, Archiv der Gewächskunde I: 8, tab. 50. 1812  
AUSTRIA: ad Baden, *Heimerl* (Fl. Ex. Aust.-Hung. 970), TOPOTYPE

*Centaurea busambarensis* Guss., Fl. Sic. syn. 2(2): 873. 1854  
ITALY: Sicily, Palermo, Picuzza, *A. Béguinot*, (Fl. Ital. Ex. Ser. 3, 2982), 1 July 1924,  
TOPOTYPE

*Centaurea ×bükkensis* Nyar. in Prod. & Nyar. Flora R.P.R. 9: 939. 1964  
U.S.S.R.: Transsilvania, distr. Cluj, *Prodan et al.* (Fl. Rom. ex 3188), 17 July 1947, ? TYPE  
COLLECTION MATERIAL

*Centaurea canariensis* Willd., Enum. Hort. Berol. II 928. 1809  
CANARY ISLANDS: Nivaria, *E.R. Sventenius* (Fl. sel. Can. 185), 22 May 1946, TOPOTYPE

*Centaurea carpatica* Porc., En. plant. Naszod. Suppl. ad Magy. Növ. Lap. 2: 34. 1878  
ROMANIA: Transsilvania, distr. Bistrita-Nasaud, montis Craciunel, *E.I. Nyarady*, 22 Aug. 1923  
(Fl. Rom. Ex. 492), TOPOTYPE

*Centaurea carratracensis* Lge., Kjoeb. Vidensk. Meddl. 94-95. 1881  
SPAIN: Sierra del Agua (province de Malaga), Carratraca, *St. Lager*, 13 July 1910, TOPOTYPE

*Centaurea castellana* Boiss., Diagn. Ser. I 6: 129. 1846  
SPAIN: Madrid, *C. Vicioso*, July 1920, TOPOTYPE

*Centaurea cochinchensis* Bernh. var. *pinnatifida* Fiori, Publication unknown  
ITALY: Prov. of Firenze Vallombrosa, *A. Fiori*, (Fl. Ital. Ex. 387), 12 Aug. 1906, ? TYPE  
COLLECTION MATERIAL

*Centaurea collina* L. var. *roseiflora* Gavelle, Publication unknown  
FRANCE: Plan d'Aups, La Ste. Baume, *G. Gavelle*, 7 juillet 1963, ? TYPE COLLECTION  
MATERIAL

*Centaurea csatoi* Borbas, Magyar Tudom. Akad. 9: 29. 1879  
HUNGARY: Transsilvania occidentalis ad pedem montis Szekelyko prope pagum Torocko,  
*Csato* (Fl. ex Aust.-Hung. 975), TOPOTYPE

*Centaurea cyrenaica* Bég. & Vacc., Spec. nuov. o rar. Fl. Lib. Padova 3. 1912  
ITALY: Cyrenaica, Derna, *A. Vaccari* (Fl. Lybica Ex. 223), 20 Apr. 1912, ISOTYPE

*Centaurea diomedea* Gasparr. var. *japygica* Lacaita, N. Giorn. Bot. It. (n.s.) 32: 103-104. 1924  
ITALY: Apulia, Terra d'Otranto, Novaglia prope Corsano, *C. Lacaita*, 30 May 1924 (Fl. Ital. Ex.  
Ser. 3, 2984), ISOTYPE

*Centaurea dissecta* Ten. var. *intermedia* Fiori, Publication unknown  
ITALY: Prov. of Firenze, Vallombrosa, *A. Fiori*, (Fl. Ital. Ex. 389), 5 Aug. 1905, ? TYPE  
COLLECTION MATERIAL

*Centaurea erinacella* Rech. f., Oesterr. Bot. Zeitschr. 97: 258- 259. 1950  
IRAN: Shahrud-Bustam, montim Shahvar, *K.H. & F. Rechinger 6044*, 20-26 July 1948,  
ISOTYPE

*Centaurea euboica* Rech. f., Anz. Österr. Akad. Wiss., Math.-Nat. 93: 102. 1956  
GREECE: Euboea, Montes Kandili, Achmet Aga versus Hagios, *K.H. Rechinger 18215*, 21 July  
1956, TOPOTYPE

*Centaurea friderici* Vis., Fl. Dalm. 2: 40. 1847  
ITALY: Scoglio Pelagosa Piccola, *A. Richter*, 1912, TOPOTYPE

*Centaurea grisebachii* Nym. Consp. fl. eur. 427. 1879  
GREECE: South Macedonia, Hortiac District, *J. Ramsbottom*, 17 July 1918, TOPOTYPE

*Centaurea ×gusuleaci* Prod., Flora R.P.R. 9: 921. 1964

ROMANIA: Cluj, *I. Prodan et al.*, 28 July 1974 (Fl. Rom. Ex. 3282), TOPOTYPE

*Centaurea kobstanica* Tzoele., Not. Syst. ex Herb. Inst. Bot. Nom. V.L. Komarovii Acad. Sc. U.R.S.S. 19: 425. 1959

U.S.S.R.: Azerbajdzhan, Distr. Baku, inter pag. Perikesch-Gjul et pag. Agridzha, *Bogdanov et al.*, 12 June 1957, TOPOTYPE

*Centaurea latronum* Pau, Not. Bot. Fl. Espan. 6: 67. 1895

SPAIN: near Calatayud, *Lacaita*, 18 June 1923, TOPOTYPE

*Centaurea leucadea* Lacaita, N. Gioin. Bot. It. (n.s.) 32: 105. 1924

ITALY: Apulia, Terra d'Otranto, capo de Leuca, *C. Lacaita*, 30 May 1924 (Fl. Ital. Ex. Ser. 3, 2985), TYPE COLLECTION MATERIAL

*Centaurea sadleriana* Janka, Magy. tudom. akad. math. es természetud. kozl. 12: 178. 1875

HUNGARY: Budapest, *Janka* (Fl. Ex. Aust.-Hung. 657), TOPOTYPE

*Centaurea schistosa* Sosn. in Komarov Fl. URSS 28: 433, 611-612. 1963

U.S.S.R.: Caucasus orientalis distr. Divitschi. pr. p. Arab- dagnja, *Karjagin & Schevljakov*, 24 May 1937, TOPOTYPE

*Centaurea semi-adami* Simk., Magy. Botan. Lapok. 5: 377. 1907

HUNGARY: Budapest, *C. Lyka*, 15 July 1911, TYPOTYPE

*Centaurea subtilis* Bertoloni, Fl. Ital. 9: 451. 1853

ITALY: Monte Gargano, *Herb. Lacaita*, TOPOTYPE

*Centaurea tagananensis* Svent., Contrib. Conoc. Fl. Canar. Svent. 184. 1946

CANARY ISLANDS: Tenerife, Nivaria, Taganana, *E.R. Sventenius* 21 June 1944 (Fl. Sel. Canar. 93), ISOTYPE

*Centaurea triumfettii* All. var. *perfoliosa* Domin, Fl. Cech. ex. 294

CZECHOSLOVAKIA: montis Cerna prope oppidum Sevlus, *Domin et al.*, 27 May 1931, ISOTYPE

*Centaurea webbiana* Sch. Bip., Phyt. Canar. 2: 353. 1836-50

CANARY ISLANDS: Nivaria, Garachico, *E.R. Sventenius* 187, 15 June 1949, TOPOTYPE

*Centaureum glomeratum* (Wittr.) R. & Br. var. *scanicum* Sterner, Publication unknown

SWEDEN: Skåne, Engelholm, *E. Broddesson*, 11 July 1906, ? TOPOTYPE

*Centaureum pusillum* Eastw., Proc. Amer. Acad. 44: 605-606. 1909

MEXICO: Michoacan, Morelia, *C.G. Pringle* 10408, 29 Nov. 1907, ISOTYPE

*Centrochloa singularis* Swallen, Jour. Wash. Acad. Sci. 25: 192. 1935  
BRAZIL: Barra do Corda to Grajahu, Maranhao, *J.R. Swallen* (Amer. Gr. Nat. Herb. 1570) 1-5  
Mar. 1934, ISOTYPE

*Centromadia parryi* Greene, Man. Bot. Reg. San Francisco Bay 197. 1894  
U.S.A.: California, Sonome Co., Calistoga Warm Springs, *J.I. McMurphy* 697, 7 Aug. 1909,  
TOPOTYPE

*Centropogon foliosum* Rusby, Descriptions of Three Hundred New Species of South American  
Plants, p. 146. 1920  
COLOMBIA: Santa Marta, *H.H. Smith* 1385 (1898-1901), ? ISOTYPE

*Cephalaria daghestanica* Bobr., Journ. Bot. URSS 17: 502. 1932  
U.S.S.R.: Daghestania, Dist. Chunsach, prope pag. Moxon, *E. Bobrov*, (Fl. ex. USSR 3796), ?  
TYPE COLLECTION MATERIAL

*Cephalaria linearifolia* Lange, Kjoeb Vidensk. Meddel. 226. 1877- 78  
SPAIN: Regn. Granat. Sierra Nevada, pr. San Geronimo, *Porta & Rigo* 465, Julio 1891, ? TYPE  
- PUBLICATION NOT AVAILABLE

*Cephalaria sillingeri* Domin, Acta. Bot. Bohem. 9: 255. 1930  
CZOSLOVAKIA: Slovakia australis prope Kovacov, *Sillinger & Deyl* (Domin & Krajina, Fl.  
Cech. ex 194), 17 Sept. 1930, ISOTYPE

*Cerastium alpinum* L. var. *robustum* Hulten, Sv. Bot. Tidskr. 50: 434. 1956  
CANADA: Dist. of Franklin, Baffin Island, Frobisher Bay, *H.A. Senn* 3547, 24 June 1948,  
PARATYPE

*Cerastium alpinum* L. var. *strigosum* Hulten, Sv. Bot. Tidskr. 50: 435. 1956  
CANADA: Dist. of Keewatin, Southampton Island, Coral Harbour, *W.J. Cody* , 1948,  
PARATYPE

*Cerastium arcticum* Lange var. *sordidum* Hulten, Sv. Bot. Tidskr. 50: 456. 1956  
CANADA: Dist. of Franklin, Ellesmere I., Cape Belknap, *P.F. Bruggeman* 189, 4 July 1951,  
PARATYPE

*Cerastium arcticum* Lange var. *vestitum* Hulten, Sv. Bot. Tidskr. 50: 453. 1956  
CANADA: Dist. of Keewatin, Southampton Island, Coral Harbour, *W.J. Cody* 1071, 1 July  
1948, PARATYPE

*Cerastium arvense* L. ssp. *calcicolum* (Schur) Borza var. *eglandulosum* Borza, Fl. Rom. ex. 399  
ROMANIA: Transsilvania, Trascau, *A. Borza*, 18 June 1923, ISOTYPE



*Cerastium arvense* L. var. *ophiticola* Raymond, Bull. Soc. Bot. Fr. 102: 126. 1955  
CANADA: Quebec, Megantic Co., Black Lake, *Raymond et al.*, 17 juillet 1951, ISOTYPE

*Cerastium arvense* L. var. *purpurascens* Boivin, Can. Field-Nat. 65: 4. 1951  
CANADA: British Columbia, Victoria, *J.W. Tolmie*, 1897, HOLOTYPE

*Cerastium beeringianum* C. & S. var. *glabratum* Hulten, Sv. Bot. Tdiskr. 50: 481. 1956  
CANADA: Dist. of Keewatin, Southampton Island, Coral Harbour, *W.J. Cody 1528*, 24 July 1948, PARATYPE

*Cerastium beeringianum* C.&S. var. *glabratum* Hultén  
CANADA: Keewatin, Southampton Island, Coral Harbour, *W.J. Cody 1874*, 6 Aug. 1948, PARATYPE

*Cerastium caespitosum* Gilibert var. *hallaisanense* Mizushima, Publication unknown  
JAPAN: Prov. Kazusa, Hondo, Ichinomiya-machi, Chosei-gun, *T. Makino*, 1931, ? TYPE  
COLLECTION MATERIAL

*Cerastium nutans* Raf. var. *occidentale* Boivin, Can. Field-Nat. 65: 5. 1951  
CANADA: Saskatchewan, 5 mi. W of Wallwort, *A.J. Breitung 655*, 15 July 1940, HOLOTYPE

*Cerastium nutans* Raf. var. *occidentale* Boivin  
CANADA: Ontario, Rainy River, *H. Groh s.n.*, 10 Oct. 1929, PARATYPE; Manitoba, Indian Bay, *M.C. Dudley 90*, 7 June 1941, PARATYPE; Swan River, *G. Batho s.n.*, 1 Nov. 1938, PARATYPE; North Kildonan, *W.N. Denike 38*, 1 June 1940, PARATYPE; Saskatchewan, Regina, *L.T. Carmichael 96*, 1 June 1944, PARATYPE; Muskeg trail, Big River, *H. Groh 1169*, 30 Sept. 1939, PARATYPE; Shellbrook, *T. Rowles S2753*, 1 July 1947, PARATYPE; Wallwort, at camping ground along Stoney Lake, *A.J. Breitung 560*, 15 June 1940, PARATYPE; Langham, in river valley, *R.C. Russell s.n.*, 12 & 26 June 1938, PARATYPE; Alberta, Peace River, *H. Groh s.n.*, 12 Sept. 1934, PARATYPE; Fort Saskatchewan, *G.H. Turner 6*, 5 June 1938, PARATYPE; 6 miles NE of Fort Saskatchewan, *G.H. Turner 2877*, 4 June 1942, PARATYPE; 2 miles west of Fort Saskatchewan, *G.H. Turner 4440*, 26 June 1945, PARATYPE; 2 miles west of Fort Saskatchewan, *G.H. Turner 4051*, 16 June 1944, PARATYPE; Barrhead, *H. Groh s.n.*, 27 June 1935, PARATYPE; Blackfolds, June 1934, PARATYPE; Peace River District, Heart River, near Grouard, *H. Groh 1074*, PARATYPE

*Cerastium trigynum* Vill. var. *morrisonense* Hayata, Publication unknown  
TAIWAN: Mt. Morrison, *T.S. Liu*, 23 Aug. 1949, ? TYPE COLLECTION MATERIAL

*Ceratophyllum pentacanthum* Haynald, Magyar Noventani Lapok 5: 109-116. 1881  
HUNGARY: Kalocsa, *Haynald* (Fl. ex. Austro-Hungarica 662), TOPOTYPE

*Cercocarpus ledifolius* Nutt. in Torrey & Gray var. *intermontanus* N.H. Holmgren, Brittonia 39(4): 424. 1987  
U.S.A.: Utah, Canyon Mountains, Oak Creek Canyon, west ridge of South Walker Canyon,

Holmgren & Holmgren 11298, 24 May 1987, ISOTYPE

*Chaenactis xantiana* Gray, Proc. Am. Acad. 6: 545. 1865

U.S.A.: California, Kern Co., near Old Fort Tejon, *H.M. Hall 6285*, 17 June 1905, TOPOTYPE

*Chaenotheca neopeltandra* Urb., Symb. Antill. 3: 284. 1902

CUBA: Matanzas Bay, *F. Rugel*, May 1849, ISOTYPE

*Chamaecrista keyensis* Pennell, Bull. Torrey Bot. Cl. 44: 344. 1917

U.S.A.: Florida, Monroe Co., Big Pin Key, *E.P. Killip 32879*, 29 Jan.-16 Feb. 1940, TOPOTYPE

*Cheilanthes carlotta-halliae* Wagner & Gilbert, Amer. Jour. Bot. 44: 738. 1957

U.S.A.: California, Marin Co., Mt. Tamalpais, *W.A. Wagner 4604*, 10 Feb. 1948, ISOTYPE

*Cheilanthes clevelandii* D.C. Eaton, Bull. Torrey Bot. Club 6: 33. 1875

U.S.A.: California, San Diego Co., *D. Cleveland*, July 1877, TOPOTYPE

*Chelone obliqua* L. var. *speciosa* Pennell & Wherry, Bartonica 10: 19. 1929

U.S.A.: Indiana, Spencer Co., NE of Grandview, *Wherry & Pennell 13577*, 4 Sept. 1927, ISOTYPE

*Chenolea canariensis* Moq., Chenopodearum Monog. Enum. 96. 1840

CANARY ISLANDS: Tenerife, Punta de Terro, *E. Asplund 809*, 14 Apr. 1933, TOPOTYPE

*Chenopodium* ×*aellenianum* Blom., Acta Horti Gotoburgensis 11: 165. 1936

SWEDEN: Västergötland, Göteborg, Marieholm, *C. Blom*, (Pl. Suec. Ex. 688), 9 Sept. 1933, ISOTYPE

*Chenopodium album* L. var. *dacoticum*, Aellen, Feddes Reportorium Spec. 26: 131. 1929

U.S.A.: North Dakota, Fargo, *O.A. Stevens 6*, 1917, SYNTYPE

*Chenopodium album* L. ssp. *iranicum* Aellen, Publication unknown

IRAN: Kazvin, Keredj, *K.H. & F. Rechinger 6700a*, 20 Aug. 1948, ? TYPE COLLECTION MATERIAL

*Chenopodium album* L. var. *novopokrovskyarum* Aellen, Publication unknown

IRAN: Khorasan, Shoukatabad, prope Birdjand, *K.H. Rechinger 4152*, 25 May 1948, ? TYPE COLLECTION MATERIAL

*Chenopodium album* L. var. *stevensii* Aellen, Phytologia 26: 130. 1929

U.S.A.: North Dakota, Fargo *O.A. Stevens 21*, 4 Oct. 1917, ISOTYPE

*Chenopodium berlandieri* Moq. f. *purpurascens* Ludw. & Aellen Feddes Rep. 26: 56. 1929

U.S.A.: North Dakota, Fargo, *O.A. Stevens 24*, 4 Oct. 1917, PARATYPE

- Chenopodium blomianum* Aellen, Bot. Notis. 1928: 203-205. 1928  
 SWEDEN: Göteborg, *C. Blom*, 5 Sept. 1927, TYPE COLLECTION MATERIAL
- Chenopodium bushianum* Aellen f. *acutidentatum* Aellen, Feddes Rep. 26: 119. 1929  
 U.S.A.: North Dakota, Fargo, *O.A. Stevens* 26, 1 Oct. 1946, ISOTYPE
- Chenopodium foggii* Wahl, Bartonica 27: 9. 1954  
 CANADA: Quebec, Pontiac Co., Mt. Martin, *A.J. Breitung* 7133, 29 July 1948, PARATYPE
- Chenopodium missouriense* Aellen, Bot. Notis. 1928: 206-297. 1927  
 U.S.A.: Missouri, Courtney, *B.F. Bush* 11608, 28 Sept. 1927, TYPE COLLECTION MATERIAL
- Chikusichloa aquatica* Koidzumi, Bot. mag. Tokyo 39: 23-24. 1925  
 JAPAN: Kyushu, Pref. Kumamoto, Hitoyoshi, *K. Mayebar* 5445, 14 Sept. 1958, TOPOTYPE
- Chloanthes stachadis* R. Br., Prodr. 514. 1830  
 AUSTRALIA: Port Jackson, *R. Brown*, 1802-5, ? ISOTYPE
- Chloris cubensis* Hitchc. & Ekman, U.S. Dept. Agr. Misc. Publ. 243: 131. 1936  
 CUBA: Province Oriente, Holguin, *E.L. Ekman* (Amer. Gr. Nat. Herb. 1014), 18 Nov. 1922, PARATYPE
- Chlorogalum purpureum* Bdg. var. *reductum* Hoover, Leafl. West. Bot. 10: 124. 1964  
 U.S.A.: California, San Luis Obispo Co., 18 mi. E of Creston, *R.F. Hoover* 7691, PARATYPE
- Chomelia longicaudata* Rusby, Bull. Torr. Bot. Club 52: 139. 1925  
 COLOMBIA: Santa Marta, *H.H. Smith* 392 (1898-1901), ISOTYPE
- Chorizanthe cuspidata* S. Wats., Proc. Am. Acad. 17: 379. 1882  
 U.S.A.: California, San Francisco, *L.S. Rose* 58121, 11 July 1958, TOPOTYPE
- Chorizanthe ventricosa* Goodman, Leafl. West. Bot. 2: 193. 1939  
 U.S.A.: California, Monterey Co., Mustang Grade, *J.T. Howell* 39489, 21 July 1963, TOPOTYPE
- Chorizanthe villosa* Eastwood, Bull. Torrey Bot. Club 30: 485-486. 1903  
 U.S.A.: California, Sonoma Co., Bodega Point, *L.S. Rose* 56128, 16 July 1956, TOPOTYPE
- Chrysanthemum anethifolium* Brouss. in Willd., Enum. Hort. Berol. 2: 904. 1809  
 CANARY ISLANDS: Nivaria, Las Canadas, *E.R. Sventenius*, 24 April 1954 (Fl. Sel. Canariensis 86), TOPOTYPE

*Chrysanthemum ornatum* Hemsley var. *crassum* Kitamura, Publication unknown  
JAPAN: Prov. Ohsumi, Kyushu, *T. Makino*, 1932, ? TYPE COLLECTION MATERIAL

*Chrysanthemum ornatum* Hemsley var. *spontaneum* (Makino) Kitamura, Publication unknown  
JAPAN: Prov. Musasi, Hondo, Ohizumi-machi, Tokyo, *T. Makino*, 1933, ? TYPE  
COLLECTION MATERIAL

*Chrysanthemum ornatum* Hemsley var. *spontaneum* (Makino) Kitamura f. *debilis* Kitamura,  
Publication unknown  
JAPAN: Kyogo Pref., *T. Makino*, Dec. 1930, ? TYPE COLLECTION MATERIAL

*Chrysanthemum shahrudense* Rechinger *et al.*, Oesterr. Bot. Zeitschr. 97: 230-231. 1950  
IRAN: Shahrud-Bustam, in jogo Khosh-Jaila, *K.H. & F. Rechinger 5416*, 17 June 1948,  
ISOTYPE

*Chrysanthemum shimotomaii* Makino, Journ. Jap. Bot. 8: 13. 1932  
JAPAN: Nijigahama, Hirari City, Yamaguchi Pref., *T. Makino*, 1931, TYPE COLLECTION  
MATERIAL

*Chrysophyllum polynesianum* Hillebr., Fl. Haw. Isl. 277. 1888  
HAWAIIAN ISLANDS: Molokai, Kaluaaha, rain-forest, *O. Degener 10281*, 28 June 1928,  
TOPOTYPE

*Chrysosplenium doianum* Ohwi in Acta Phytotax & Geobot. 2: 105. 1933  
JAPAN: Kyushu, Mt. Shigehirayama in Satsuma, Y. Doi, 5 March 1933, ISOTYPE

*Chrysosplenium hebetatum* Ohwi in Fedde, Repert. 36: 52. 1934  
FORMOSA: Taihoku, J. Ohwi 996, April 1933, ISOTYPE

*Chrysopsis flexuosa* Nash, Bull. Torrey Bot. Cl. 23: 107. 1896  
U.S.A.: Florida, Leon Co., Bellair, *G.V. Nash 2545*, 3 Sept. 1895, ISOTYPE

*Chrysopsis hirtella* DC., Prodr. 5: 327. 1836  
U.S.A.: Washington, Grant Co., Sagebrush slopes N of Soap Lake in Grand Coulee, *J.W.  
Thompson 11490*, 18 May 1935, TOPOTYPE

*Chrysopsis wisconsinensis* Shinnars, Wrightia 1: 218. 1948  
U.S.A.: Wisconsin, Adams Co., Brooks, *L.H. Shinnars 4314*, 28 June 1942, PARATYPE

*Chrysosplenium rosendahlii* Packer, Can. J. Bot. 41: 89. 1963  
CANADA: Dist. of Franklin, Somerset Island, *D.B.O. Savile 3619*, 25 July 1958, HOLOTYPE

*Chrysosplenium woroschilovii* Neczajeva, Biul. Gl. Bot. sada 101: 62. 1976  
U.S.S.R.: Prov. Primorje, p. Anisomovka, *Neczaeva & Polijezuk*, 27 June 1974, (Fl. U.S.S.R.)

5918), TOPOTYPE

*Chrysothamnus gramineus* Hall, *Muhlenbergia* 2: 342. 1916  
U.S.A.: Nevada, Clark Co., Charleston Mountains, Lee Canyon, *I.W. & C.B. Clokey 7417*, (Pl. ex. Gray 779), 27 July 1936, TOPOTYPE

*Chrysothamnus nauseosus* (Pallas) Britt. var. *nanus* Cronquist, *Vasc. Pl. Pacific Northwest* 5: 129. 1955  
U.S.A.: Washington, Asotin Co., Big Butte, *Cronquist & Preece 6812*, 24 Sept. 1950, ISOTYPE

*Chrysothamnus nauseosus* (Pallas) Britt. ssp. *washoensis* Anderson, *Phytologia* 38: 315-317. 1978  
U.S.A.: Nevada, Washoe Co., Buckhorn Road, *Tiehm & Schoolcraft 9239*, 14 Aug. 1984, TOPOTYPE

*Cibotium hawaiense* Naka & Ogura, *Bot. Mag. Tokyo* 44: 468. 1930  
HAWAIIAN ISLANDS: Volcano P.O., *T.M.C. Taylor 6477*, 30 Nov. 1960, TOPOTYPE

*Cicuta victorinii* Fern., *Rhodora* 41: 441. 1939  
CANADA: Quebec, Cap Rouge, *Victorin & Rolland-Germain 7321*, 23 août 1942, TOPOTYPE  
*Cirsium chellyense* Moore & Frankton, *Can. J. Bot.* 52: 547. 1974  
U.S.A.: Arizona, Apache Co., Canyon de Chelly, *E.M. Norman 680*, 1 July 1961, HOLOTYPE

*Cirsium clokeyi* Blake, *Proc. Biol. Soc. Wash.* 51: 8-10. 1938  
U.S.A.: Nevada, Clark Co., Charleston Mts., *I.W. Clokey 7456*, 6 Aug. 1937, ISOTYPE

*Cirsium congdonii* Moore & Frankton, *Can. J. Bot.* 45: 1738. 1967  
U.S.A.: California, Mono Co., 3[1/2] miles NW of Bridgeport, *Bacigalupi et al. 8015*, 28 July 1961, HOLOTYPE

*Cirsium creticum* d'Urv. var. *spinosissimum* Reverchon, Publication unknown  
EUROPE: Crète, Marais de Platania, *Reverchon 89*, 15 July 1983, ? TYPE COLLECTION MATERIAL

*Cirsium erisithales* L. var. *rubrum* Porta, Publication unknown  
AUSTRIA: Tirolia austral., Val Vestino, *Porta*, July 1893, ? TYPE COLLECTION MATERIAL

*Cirsium fabium* Porta, *Sched. Fl. Austro-Hung.* 5: 63. 1888  
AUSTRIA: Tirolia australis, val di Ledro, montis Lomar, *Porta*, Aug.-Sept. 1882, TOPOTYPE

*Cirsium filipendulum* Lge., *Pugillus Plantarum* 142. 1861  
PORTUGAL: Gallaecia, inter Cebreiro et Piedrafita, *Font quer & Rothmaler*, 3 Aug. 1935 (Fl. Iber. Sel. 288), TOPOTYPE

- Cirsium flodmani* (Rydb.) Arth. f. *albiflorum* D. Löve, Rhod. 55: 362-363. 1953  
CANADA: Manitoba, W of Langruth, D. & A. Löve 5672, 24 July 1952, ISOTYPE
- Cirsium fontinale* (Greene) Jepson var. *obispoense* J.T. Howell, Leafl. West. Bot. 2: 71. 1938  
U.S.A.: California, San Luis Obispo Co., R.F. Hoover 8025, 21 June 1951, TOPOTYPE
- Cirsium heldreichii* Hal. ssp. *euboicum* Petrak, Publication unknown  
GREECE: Euboea, K.H. Rechinger 18213-b, 20 July 1956, ISOTYPE
- Cirsium longistylum* Moore & Frankton, Can. J. Bot. 41: 1562. 1963  
U.S.A.: Montana, Cascade Co., Little Belt Mountains, 3 mi. SE of Monarch, Senn et al. 5666, 23 Aug. 1951, HOLOTYPE
- Cirsium rosani* Tenore, Ind. Sem. Hort. Neap. 15. 1830  
ITALY: Lucania, Potenza, O. Gavioli, July 1926, (Fl. Ital. Ex. 2990), TOPOTYPE
- Cirsium serotinum* Porta, Publication unknown  
EUROPE: Tirolia austral., Porta, Sept. 1897, ? TYPE COLLECTION MATERIAL
- Cirsium terrae-nigrae* Shinnars, Field & Lab. 17: 27-29. 1949  
U.S.A.: Texas, Fannin Co., 5[1/2] miles E of Bonham, L.S. Shinnars 7846, 10 June 1945, ISOTYPE
- Cirsium trigenum* Porta, Publication unknown  
EUROPE: Tirolia austral., Porta, Aug. 1893, ? TYPE COLLECTION MATERIAL
- Cirsium trinum* Goller, Oesterr. Bot. Zeitschr. 56: 318. 1906  
AUSTRIA: Tirolia orient. Pusteria, pr. Hollbruck, Goller, Aug. 1895, TYPE COLLECTION MATERIAL
- Cirsium turneri* Warnock, Southw. Nat. 5: 101. 1960  
U.S.A.: Texas, Brewster Co., Doubtful Canyon, Del Norte Mts., 25 mi. SE of Alpine, B.H. Warnock 7974, 11 July 1948, ISOTYPE
- Cirsium undulatum* (Nutt.) Spreng. var. *franktonis* Boivin, Phytologia 23: 113-114. 1972  
CANADA: British Columbia, at foot of Mt. Anarchist, just east of Osoyoos, Calder & Savile 9838, 29 June 1953, HOLOTYPE
- Cirsium* ×*vancouverense* Moore & Frankton, Can. J. Bot. 40: 1190. 1962  
CANADA: British Columbia, Nanaimo, E.G. Anderson 987, 20 July 1950, HOLOTYPE
- Cirsium* ×*vodicense* Morariu, Studii si cercet. stünt., Cluj 4(3- 4): 119-120. 1953  
ROMANIA: Oltenia, distr. Turnu Severin, in valle Vodita ad pag. Virciorova, I. Morariu, 17 July 1948 (Fl. Rom. Ex. 2981), ISOTYPE

*Cistus corsicus* Lois., Nouv. Not. 24. 1827

FRANCE: Corsica, Bastia, *M.F. Spencer*, 6 May 1911, TOPOTYPE

*Cistus vaginatus* Dryand in Aiton, Hort. Kew. Ed. 2, 3: 304. 1811

CANARY ISLANDS: Nivaria, La Guancha, *E.R. Sventenius 128*, 3 June 1949, TOPOTYPE

*Citropsis gilletiana* Swingle & Kellerman, J. Arn. Arb. 21: 116- 117. 1940

CULTIVATED: Greenhouse, Washington, D.C., U.S.A. (seeds from Kisantu, Belgian Congo by Père J. Gillet), *W.T. Swingle*, 13 Feb. 1939, TYPE TREE

*Clarkia australis* E. Small, Can. J. Bot. 49: 1216-1217. 1971

U.S.A.: California, Tuolumne Co., State Highway 120, 0.6 miles east of intersection of road to Hardin Flat, *E. Small 155*, 14 July 1967, HOLOTYPE

*Clarkia australis* E. Small

U.S.A.: California, Tuolumne County, 0.5 mile east of Hardin Flat along Highway 120, *T. Mosquin 3166, 3322*, 26 July 1957, PARATYPES; junction of California State Highway and road to Mather, *Mosquin 3321*, 30 June 1959, PARATYPE; Tuolumne County, State Highway 120, 0.6 mile east of intersection of road to Hardin Flat, 37 46'N 119 56'W, *E. Small 226*, 26 July 1967, PARATYPE

*Clarkia borealis* Small

U.S.A.: California, Shasta County, O'Briens, Lake Shasta, Shasta Caverns Road, 40 48'N 122 06'W, *E. Small 189*, 1969, PARATYPE; Trinity County, east shore of Clair Eagle Lake, 40 52'N 122 41'W, *E. Small 197*, 1969, PARATYPE; Trinity County, 3.5 miles south-east of Five Pines, *Raven & Snow 13564*, 18 July 1958, PARATYPE; Shasta County, Lake Shasta, 40 48'N 122 06'W, *E. Small 190*, 20 July 1967, PARATYPE

*Clarkia borealis* E. Small, Can. J. Bot. 49: 1215. 1971

U.S.A.: California, Shasta Co., Shasta Caverns Road, *E. Small 189*, 20 July 1967, HOLOTYPE

*Clarkia borealis* E. Small ssp. *arida* E. Small, Can. J. Bot. 49: 1215. 1971

U.S.A.: Shasta Co., Highway 44 east of Redding, *E. Small 206*, 21 July 1967, HOLOTYPE

*Clarkia exilis* Lewis & Vasek, Madrono 12: 211. 1954

U.S.A.: California, Kern Co., 1 mile from mouth of Kern River Canyon, *Lewis & Vasek 908*, 19 Apr. 1952, ISOTYPE

*Clarkia franciscana* Lewis & Raven, Brittonia 10: 7-8. 1958

U.S.A.: California, San Francisco, *P.H. Raven 9321*, 1 June 1956, ISOTYPE

*Clarkia imbricata* Lewis & Lewis, Madrono 12: 38. 1953

U.S.A.: California, Sonoma Co., Vine Hill Road between Santa Rosa and Guerneville, *H. & M. Lewis 865*, 10 July 1951, ISOTYPE

*Clarkia mosquinii* E. Small, Can. J. Bot. 49: 1216. 1971  
U.S.A.: California, Plumas Co., 3.7 miles SW of entrance to Plumas National Forest, *T. Mosquin* 3335, 2 July 1959, HOLOTYPE

*Clarkia mosquinii* E. Small ssp. *xerophila* E. Small, Can. J. Bot. 49: 1216. 1971  
U.S.A.: California, Butte Co., 0.2 miles west of Enterprise, *E. Small* 178, 19 July 1967, HOLOTYPE

*Clarkia nitens* Lewis & Lewis, Univ. Calif. Pub. Bot. 20: 287. 1955  
U.S.A.: California, Madera Co., Wawona Road to Yosemite, *Lewis & Lewis* 325, 7 June 1947, PARATYPE

*Clarkia similis* Lewis & Ernst., Madrono 12: 89. 1953  
U.S.A.: California, San Diego Co., 7.6 miles west of Ramona, *Lewis et al.* 773, 22 Apr. 1951, ISOTYPE

*Clarkia speciosa* Lewis & Lewis ssp. *immaculata* Lewis & Lewis, Univ. Calif. Pub. Bot. 20: 291. 1955  
U.S.A.: California, San Luis Obispo Co., Carpenter Canyon, *Lewis & Lewis* 469, 24 June 1947, ISOTYPE

*Clarkia stellata* Mosquin  
U.S.A.: California, Plumas County, Spring Garden along California State Highway 89, *T. Mosquin* 3328, 1 July 1959, PARATYPE

*Clarkia stellata* Mosquin, Leaf. West. Bot. 9: 215. 1962  
U.S.A.: California, Plumas Co., Humbug Road, 1.2 miles west of Humboldt Road, *T. Mosquin* 3332, 2 July 1959, ISOTYPE

*Claytonia cupulata* Suksdorf, Werdenda 1: 11. 1923  
U.S.A.: Washington, Klickitat Co., Bingen, *W. Suksdorf* 10169, 14 Apr. 1919, ISOTYPE

*Claytonia lanceolata* Pursh var. *pacifica* McNeill, Can. J. Bot. 50: 1897. 1972  
CANADA: British Columbia, Vancouver Island, slope of Golden Hinde above Burman Lake, *Calder & McKay* 32497, 15 Aug. 1961, HOLOTYPE

*Claytonia ogilviensis* McNeill, Can. J. Bot. 50: 1895-1896. 1972  
CANADA: Yukon, Ogilvie Mts., *L.H. Green* 3, 20 June 1958, HOLOTYPE

*Claytonia parviflora* Dougl. ex Hook. var. *sparsiflora* Suksdorf, Werdenda 1: 11. 1923  
U.S.A.: Washington, Klickitat Co., Bingen, *W.N. Suksdorf* 4022, 21 April 1906, 5 May 1904, PARATYPE



*Clematis acuminata* DC. var. *multiflora* Comber, Publication unknown  
TIBET & S.W. CHINA: Sheveli Valley, *G. Forrest 12129*, 1913, ? TYPE COLLECTION MATERIAL

*Clematis albicoma* Wherry, J. Wash. Acad. Sc. 21: 9. 1931  
U.S.A.: West Virginia, Kate's Mountain, *Herman & Martin* (Pl. ex. Gray. 951), 21 May 1939, TOPOTYPE

*Clematis apiifolia* DC. var. *biternata* Makino, Publication unknown  
JAPAN: Tochigi Pref., Nikko City, *T. Makino*, July 1904, ? TYPE COLLECTION MATERIAL

*Clematis forrestii* W.W. Sm., Roy. Bot. Gard. Edin. Notes 7: 183. 1914  
CHINA: Shweli-Salwin divide, *G. Forrest 12116*, Dec. 1913, TOPOTYPE

*Clematis gattingeri* J.K. Small, Bull. Torrey Bot. Club 24: 209. 1897  
U.S.A.: Tennessee, Cumberland River above Nashville, *A. Gattinger*, June 1897, TYPE COLLECTION MATERIAL

*Clematis verticillaris* DC. var. *grandiflora* Boivin, Phytologia 16: 241. 1968  
CANADA: Ontario, Thunder Bay District, 5 mi. S of Fort William, *Dore & Lindsay 10723*, 15 June 1950, HOLOTYPE

*Cleome cornuta* Rydb., Bull. Torrey Bot. Cl. 30: 249. 1903  
U.S.A.: Utah, Wayne Co., 25 mi. SW of Hanksville, *A. Cronquist 9185*, 3 June 1961, TOPOTYPE

*Cleomella plocasperma* S. Wats., Bot. King. Exp. 33. 1871  
U.S.A.: Nevada, Elko Co., Ruby Valley, *Holmgren & Kern 3659*, 7 July 1969, TOPOTYPE

*Clermontia kakeana* Meyen, Reise 2: 139  
HAWAIIAN ISLANDS: Koolau Mts., Waahila Ridge Trail, *S. Carlquist 1605*, 29 Nov. 1964, TOPOTYPE

*Clermontia oblongifolia* Gaudich., Freye. Voy. Bot. 459 t71.  
HAWAIIAN ISLANDS: Oahu, Halawa Valley Ridge, Kaalau Range, *R.S. Cowan 555*, 2 Mar. 1947, TOPOTYPE

*Clermontia pallida* Hilleb., Fl. Haw. Isl. 241-242. 1888  
HAWAIIAN ISLANDS: Molokai, ca. 1 mi. east of Waikolu Lookout, *S. Carlquist 2217*, 25 Aug. 1966, TOPOTYPE

*Clermontia parviflora* Gaudich ex. A. Gray, Proc. Am. Acad. 5: 150. 1861  
HAWAIIAN ISLANDS: end of Route 148A northeast of Kilauea, *Degener & Degener 27733*, 13 July 1961, TOPOTYPE

*Clerodendron floribundum* R. Br., Prodr. 511. 1830  
AUSTRALIA: North Coast, *R. Brown*, 1802-5, ? ISOTYPE

*Clusiophyllum sprucei* Muell.-Arg., Flora 47: 518-519. 1864  
VENEZUELA: Rio Negro, San Carlos, *Schultes & Lopez 9284*, 9 Dec. 1947, TOPOTYPE  
\$\$\$\$*Clyostoma pterocabyx* Sprague ex Urban, Ber. Deutsch. Bot. Ges. 34: 741. 1916

COLOMBIA: Santa Marta, *H.H. Smith 2401*, 1898-1901, ? ISOTYPE

*Cneorum pulverulentum* Vent., Jard. Cels, t 77. 1802  
CANARY ISLANDS: Nivaria, Teno, *E.R. Sventenius 52*, 6 Mar. 1947, TOPOTYPE

*Cnicus muticus* (Michx.) Pursh var. *monticola* Fern., Ott. Nat. 19: 166. 1905  
CANADA: Quebec, West Gaspé Co., Mt. Albert, *Mosquin & Spicer 5991*, 2 Aug. 1964,  
TOPOTYPE

*Cnidoscopus pringlei* Johnston, Contr. Gray Herb. n.s. 68: 85-86. 1923  
MEXICO: Guerrero, near Iguala, *C.G. Pringle 10387*, 28 July 1907, PARATYPE

*Cochlearia islandica* Pobed., Novit. Syst. Pl. Vasc., Acad. Sci. U.R.S.S. 1968: 130-131. 1968  
ICELAND: N Brimsey, *H.G. Vevers 90 & 94*, 11 July 1939, TOPOTYPE

*Cochlearia polonica* E. Frohlich, Posl Polsk., Pl. Polon. Exsicc. Ser. 2, Cent. 3. 11. 1936  
POLAND: Wywierzyska rzeki Bailej na poludniowo - wschodnim krancu Pustyni Bledowskiej,  
*E. Frolick* (Pl. Pol. ex. 423), May 1936, TYPE COLLECTION MATERIAL

*Codonopsis lanceolata* Trautv. var. *omurae* T. Koyama, Publication unknown  
JAPAN: Honshu, Central District, Pref. Shizuoka, Shibukawa Hot Spring, *T. Koyama 16742/3*, 3  
Sept. 1959, ? TYPE COLLECTION MATERIAL

*Codonopsis ussuriensis* Hemsley var. *lanceolata* T. Koyama, Publication unknown  
JAPAN: Takai District, Pref. Shizuoka, Inasa, Twp., Shibulawa Spa., *T. Ohmura 16744*, 4 Sept.  
1956, ? TYPE COLLECTION MATERIAL

*Coelocarpus madagascariensis* Scott-Elliot, Journ. Linn. Soc. 29: 43. 1891  
MADAGASCAR: Ambovombe, *M.R. Decary 2689*, 18 May 1924, TOPOTYPE

*Colchicum neopolitatum* Ten. f. *candidum* Gavioli, Fl. Italica ex. Ser. 3: 2819  
ITALY: Lucania, Potenza, *O. Gavioli*, 4 Oct. 1925, ? ISOTYPE

*Coleocarya gracilis* S.T. Blake, Proc. Roy. Soc. Queensland 14(9): 75-77. 1943  
AUSTRALIA: Queensland, Moreton District, Stradbroke Island, *S.T. Blake 14300*, 21 Sept.  
1940, ISOTYPE

\$\$\$\$*Colicodendron anceps* Shuttl. in Chapman, Fl. S. US. p. 32. 1860

U.S.A.: Florida, Key West, *F. Rugel 24*, May 1846, TYPE COLLECTION MATERIAL

*Collinsia antonina* Hardham, *Leafl. West. Bot.* 10: 133. 1964  
U.S.A.: California, Monterey Co., W side of Hames Valley near Jolon-Bradley Road,  
*C.B. Hardham 11012*, 20 Apr. 1964, ISOTYPE  
\$\$\$\$*Collomia tracyi* Mason, *Madrono* 9: 254. 1948

U.S.A.: California, Humboldt Co., South Fork Mt. nr. Blake Lookout, *J.P. Tracy 9046*,  
16-19 July 1930, PARATYPE

*Colpodium latifolium* R.Br., *Chlor. Melv.* 28. 1823  
CANADA: District of Franklin, Melville Island, *G. Parker 39a*, 28 July 1974, TOPOTYPE

*Colubrina megacarpa* Rose, *Contr. U.S. Nat. Herb.* 8: 50. 1903  
MEXICO: Puebla, near Tehuacan, *C.G. Pringle 10179*, 12 May 1906, TOPOTYPE

*Combretum latipaniculatum* Rusby, *Descriptions of Three Hundred New Species of South American Plants*, p. 69. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 2101* (1898-1901), ? ISOTYPE

*Combretum multidiscum* Rusby, *Descriptions of Three Hundred New Species of South American Plants*, pp. 69-70. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 874* (1898-1901), ? ISOTYPE

*Combretum oblongifolium* Rusby, *Descriptions of Three Hundred New Species of South American Plants*, pp. 70-71. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 1947* (1898-1901), ? ISOTYPE

*Commelina swingleana* Nash, *Bull. Torrey Bot. Club* 22: 160. 1895  
U.S.A.: Florida, Lake Co., Eustis, *G.V. Nash 1525*, 1-15 Aug. 1894, ISOTYPE

*Convolvulus argyracanthus* Rech. f. & Aellen, *Anz. Österr. Akad. Wiss., Math.-Nat.* 87: 303-304. 1950  
IRAN: prope Tarum, *K.H. & F. Rechinger 3234*, 29 May 1948, TOPOTYPE

*Convolvulus fruticulosus* Desr., *Lam. Encyc.* 3: 541. 1789  
CANARY ISLANDS: Santa Cruz, *E. Asplund 468*, 21 Mar. 1933, TOPOTYPE

*Conyza daveauana* Sennen, *Bol. Soc. Arag. (Iberica)* 11: 194. 1912; 15: 98. 1916  
SPAIN: *Fre. Sennen*, 10 Dec. 1912, ? TYPE COLLECTION MATERIAL

*Coprosma longifolia* A. Gray, *Proc. Am. Acad.* 4: 48. 1860

HAWAIIAN ISLANDS: Oahu, between Mauna Kapu and Palikea, *Degener & Silva 21032*, 29 Oct. 1950, TOPOTYPE

*Coprosma menziesii* A. Gray, Proc. Am. Acad. 4: 49. 1860

HAWAIIAN ISLANDS: between Waiakea and Olaa, *C.N. Forbes 569.H*, 19 May 1915, TOPOTYPE

*Coprosma pubens* A. Gray, Proc. Am. Acad. 4: 49. 1860

HAWAIIAN ISLANDS: Along Saddle Road 7 miles from Hilo, *Degener et al. 20158*, 5 Sept. 1949, TOPOTYPE

*Coprosma rapensis* F. Brown, Bull. Bishop Mus. Honolulu, 130: 316. 1935

RAPA: Anarua Valley, *Fosberg 11523*, 12 July 1934, TOPOTYPE

*Coprosma rhynchocarpa* A. Gray, Proc. Am. Acad. 4: 48. 1860

HAWAIIAN ISLANDS: Kona, south of Paploa, *Degener & Mureshige 20341*, 13 Aug. 1949, TOPOTYPE

*Corallorhiza macrantha* Schlechter, Beih. Bot. Centralbl. 36, Ab. 2, 411. 1918

MEXICO: Oaxaca, Sierra de San Felipe, *C.G. Pringle 4723*, June 1894, ISOLECTOTYPE

*Cordia morelosana* Standley, Contr. U.S. Nat. Herb. 23: 220. 1924

MEXICO: Morelos, near Cuernavaca, *C.G. Pringle 8205*, 17 Mar. 1899, ISOTYPE

*Cordia subtruncata* Rusby, Descriptions of Three Hundred New Species of South American Plants, p. 105. 1920

COLOMBIA: Santa Marta, *H.H. Smith 583*, (1898-1901), ? ISOTYPE

*Cordylanthus glandulosus* Pennell & Clokey, Proc. Acad. Sc. Philad. 90: 11. 1938

U.S.A.: Nevada, Clark Co., Charleston Mts., *I.W. Clokey 7715*, 16 July 1937, ISOTYPE

*Cordylanthus tecopensis* Munz & Ross, El Aliso 2: 233-234. 1950

U.S.A.: California, Inyo Co., Mojave Desert, Tecopa Hot Springs, *Munz & Campbell 14358*, 9 Oct. 1949, ISOTYPE

*Corispermum hookeri* Mosyakin

CANADA: Mackenzie, 16 miles downstream from Fort Simpson, 61°58'N 121°45'W, *Cody & Matte 8944*, 25 July 1955, PARATYPE; Ontario: Sarnia, *W.A. Dent s.n.*, Oct. 1936, PARATYPE; Norfolk County, Long Point, *F.A. Clarkson 6684*, 22 Sept. 1946, PARATYPE; Norfolk County, Squires Ridge to Little Creek Ridges, *Reznicek & Catling 5255*, 20 Sept. 1979, PARATYPE; Manitoba: 16 miles south of Carberry, *G.A. Stevenson 2255*, 23 Sept. 1960, PARATYPE; Saskatchewan, Saskatoon, 20 miles southwest of Pike Lake, *G.F. Ledingham 1219*, 10 Sept. 1951, PARATYPE; Moose Jaw Region, Caron, *J.H. Hudson 1768*, 24 Sept. 1955, PARATYPE; Coulee

Agassiz Canton Bernard, 12-15 milles au sud-est de Demaine, *B. Boivin 14156*, 18 Sept. 1960, PARATYPE

*Corispermum hookeri* Mosyakin, *Novon* 5: 349-350. 1996

CANADA: Saskatchewan, District of Moose jaw, 5-6 milles à l'est de Mortlach, B. Boivin & G.F. Ledinham 14079, 11 sept. 1960, HOLOTYPE

*Corispermum nitidum* Kitaib. apud Schult., *Oesterr. Fl. ed. 2*, 1: 7. 1814

HUNGARY: insula Csepel prope Budapest, *Mágósy & Pollák* (Fl. Ex. Aust.-Hung. 3842), TOPOTYPE

*Corispermum pacificum* Mosyakin, *Novon* 5: 347-348. 1995

U.S.A.: Washington, Whitman Co., Wawawai-Lewiston road along Snake River, R.T. Ogilvie s.n., 15 Sept. 1956, PARATYPE

*Cornus canadensis* L. var. *dutillyi* (Lepage) Boivin f. *viride* Boivin, *Nat. can.* 87: 30. 1960

CANADA: Alberta, Kananaskis, *B.W.G. Denyer 50/57*, 3 July 1950, HOLOTYPE

*Cornus microcarpa* Nash, *Bull. Torrey Bot. Club.* 23: 103. 1896

U.S.A.: Florida, Gadsden Co., River Junction, *G.V. Nash 2589*, 5 Sept. 1895, ISOTYPE

*Cornus racemosa* Lam. f. *caeruleocarpa* Oswald, *Phytologia* 5(8): 337. 1956

U.S.A.: New Jersey, Bergen Co., Alpine Scout Camp, Alpine, *F. Oswald*, 30 Aug. 1955, ISOTYPE

*Cornus stolonifera* Michx. f. *azurea* Lepage, *Nat. can.* 81: 59. 1954

CANADA: Ontario, rivière Albany, 51°28'W, 87°W, 20 août 1952, *Dutilly et al. 30825*, 6 Sept. 1952, ISOTYPE

*Cornus stolonifera* Michx f. *dolichocarpa* Lepage, *Nat. can.* 81: 60. 1954

CANADA: Ontario, rivière Albany, 51°30'W 83°27'W, *Dutilly & Lepage 30365*, 11 août 1952, ISOTYPE

*Coronilla varia* L. var. *albiflora* Gavelle, Publication unknown

EUROPE: Foret de la Hardt, Habsheim, *G. Gavelle 1057*, ? TYPE COLLECTION MATERIAL

*Corydalis cava* Schweigg. f. *angustisecta* Otruba, *Fl. ex. Reip. Bohem. Slov.* 215

CZECHOSLOVAKIA: Moravia Centr.-Sept., Olomouc, *J. Otruba*, 7 Apr. 1927, ISOTYPE

*Corydalis montanum* Engelm. in *Gray Man. Bot. N. United States* (ed. 5) p. 62. 1867

U.S.A.: New Mexico, Santa Fe Canyon, *A.A. & E.G. Heller 3529*, TOPOTYPE

*Corydalis* ×*samuelssonii* Fedde in *Fedde Repert.* 16: 59. 1919

SWEDEN: Södermanland, Paroecia Strängnäs,, Gorsingeholm, *G. Samuelsson*, 16 May 1926,

TOPOTYPE

*Corydalis ussuriensis* Aparina, Nov. Syst. Pl. Vasc. 1966: 108- 110. 1966  
U.S.S.R.: Primorje, distr. Khasan, in reservato "Kedrovaja Padj", *T. Neczaeva*, 12 May 1966,  
TOPOTYPE

*Corylus cornuta* Marsh. var. *glandulosa* Boivin, Phytologia 15: 420. 1967  
CANADA: British Columbia, Vancouver Island, Finlayson Arm, *Calder & MacKay 31517*, 16  
July 1961, HOLOTYPE

*Corylus rostrata* Ait. var. *tracyi* Jeps., Man. Fl. Pl. Calif. 271. 1923  
U.S.A.: California, Humboldt Co., Table Bluff, *J.P. Tracy 17639*, 25 Aug. 1946, TOPOTYPE

*Coryopsis cordylocarpus* Gray, Proc. Amer. Acad. 22: 428. 1887  
MEXICO: Jalisco, banks of Rio Blanco near Guadalajara, *C.G. Pringle 11506*, 20 Oct. 1903,  
TOPOTYPE

*Coryphantha rosea* Clokey, Madrono 7: 75. 1943  
U.S.A.: Nevada, Clark Co., between Kyle Canyon and Deer Creek, *I.W. Clokey 8038*, 24 June  
1938, ISOTYPE

*Cousinia decumbens* Rech. f., Ann. Naturhist. Mus. Wien 57: 77-78. 1950  
IRAN: Shahrud-Bustam, montium Shahvar supra Nekarman (Nigarman), *K.H. & F. Rechinger  
6003*, 20-26 July 1948, ISOTYPE

*Cousinia nekarmanica* Rech. f., Ann. Naturhist. Mus. Wien 57: 78- 79. 1950  
IRAN: Shahrud-Bustam, montium Shahvar prope Nekarman (Nigarman), *K.H. & F. Rechinger  
5820*, 20-26 July 1948, ISOTYPE

*Cousinia turcomanica* C. Winkl. var. *carinata* Bornm., Publication unknown  
IRAN: Khorasan, in valle Atrek, inter Kucan et Shirwan, *K.H. Rechinger 1862*, 25-27 July 1937,  
? TYPE COLLECTION MATERIAL

*Coussarea grandifolia* Rusby, Descriptions of Three Hundred New Species of South American  
Plants, p. 144. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 1830* (1898-1901), ? ISOTYPE

*Cracca floridana* A.M. Vail, Bull. Torrey Bot. Cl. 22: 35. 1895  
U.S.A.: Florida, Lake Co., Eustis, *G.V. Nash 1552*, 1-15 Aug. 1894, TYPE COLLECTION  
MATERIAL

*Crambe laevigata* DC. ex Christ. in Bot. Jahrb. 9: 94. 1888

CANARY ISLANDS: Nivaria, Masca, E.R. Sventenius, Fl. Sel. Can. 34, 1 May 1946, TOPOTYPE

*Crambe strigosa* L'Herit. Stirp. 151 t.72

CANARY ISLANDS: Nivaria, E.R. Sventenius, Fl. Sel. Can 33, 11 June 1948, TOPOTYPE

*Crataegus baroussana* Eggleston, Torreya 7(2): 35-36. 1907

MEXICO: San Lorenzo Canyon near Saltillo, *C.G. Pringle 10211*, 12 Apr. 1906, ISOTYPE

*Crataegus bicknellii* Eggleston, Bull. Torrey Bot. Club 38: 244. 1911

U.S.A.: Massachusetts, Nantucket Island, Quidnet, *F.C. MacKeever 821*, 25 Aug. 1964, TOPOTYPE

*Crataegus calciphila* Hrabetova-Uhrova, Publ. Fac. Sci. Univ. Masaryk No. 378: 7. 1956

CZECHOSLOVAKIA: Moravia centr.-merid., distr. Bruno. *A. Hrabetova* (Fl. ex. Reip. Soc. Cechoslovacaee No. 1439) 15 May 1962 (fl.), 3 Oct. 1961 (fr.), TOPOTYPE

*Crataegus douglasii* Lindl. var. *suksdorfii* Sarg., Bot. Goz. 44: 65. 1907

U.S.A.: Washington, Klickitat Co., Bingen, *W.N. Suksdorf 5026*, 21, 25 Apr. 1905, TYPE COLLECTION MATERIAL

*Crataegus egglestonii* Sarg., Rhod. 3: 30. 1901

U.S.A.: Vermont, Bald Mt., Clarendon, Shrewsbury, *W.W. Eggleston 1808, 1858*, 3 June, 7 Oct. 1900, TOPOTYPE

*Crataegus enderbyensis* J.B. Phipps & R.J. O'Kennon, Sida 20(1): 136. 2002

CANADA: British Columbia, just E of Enderby after bridge over Shuswap River, Phipps & O'Kennon 6808, 25 Sept. 1993, ISOTYPE

*Crataegus illinoensis* Ashe, J. Elisha Mitchell Sci. Soc. 16: 76. 1900

U.S.A.: Illinois, Fulton Co., Canton, *V.H. Chase 11203*, 1 July 1950, TOPOTYPE

*Crataegus macropoda* Sarg., Rep. Mo. Bot. Gard: 19: 80. 1908

U.S.A.: Missouri, Webb City, *E.G. Palmer 2726*, 18 Sept. 1909, TOPOTYPE

*Crataegus okanaganensis* J.B. Phipps & R.J. O'Kennon, Sida 18(1): 178. 1994

CANADA: British Columbia, Okanagan Valley, about 8 km NNE of Vernon, 50 18'18.0"N 119 14'50.7"W, J.B. Phipps 6882, 2 May 1994, PARATYPE

*Crataegus okanagensis* Phipps & O'Kennon

CANADA: British Columbia, Castlegar, edge of Campus Road off Frank Bunder Road, *Phipps & O'Kennon 6826*, 27 Sept. 1993, PARATYPE

*Crataegus okanaganensis* J.B. Phipps & R.J. O'Kennon, Sida 18(1): 170. 1998

CANADA: British Columbia, Castlegar, edge of Campus Road off Frank Beinder Road, J.B.

Phipps & R.J. O'Kennon 6826, 27 Sept. 1993, PARATYPE

*Crataegus okennonii* J.B. Phipps, Sida 18(1): 170. 1998

CANADA: British Columbia, Castlegar, Selkirk College Grounds, 49 19'N 117 38'W, J.B. Phipps 6928, 6 May 1994, PARATYPE

*Crataegus okennonii* J.B. Phipps in J.B. Phipps & R.J. O'Kennon, Sida 18(1): 170. 1998

CANADA: British Columbia, Okanagan Valley, Newport Beach Campsite, 50 20'N 119 22'W, J.B. Phipps & R.J. O'Kennon 6988, 19 Aug. 1994, PARATYPE

*Crataegus okennonii* Phipps & O'Kennon

CANADA: British Columbia, Okanagan Valley, Newport Beach campsite on W side Road, *Phipps & O'Kennon 6988*, 19 Aug. 1994, PARATYPE

*Crataegus ovata* Sarg., Man. Trees N. Am. 402. 1905

U.S.A.: Missouri, St. Louis, mouth of River Desfreres, *J.F. Kellogg*, 21 Oct. 1906, TOPOTYPE (type tree)

*Crataegus palmeri* Sarg., Trees & Shrubs 1: 57. 1903

U.S.A.: Missouri Jasper Co., Webb City, *E.J. Palmer 1567*, 3 May 1903, TOPOTYPE

*Crataegus phippsii* O'Kennon

U.S.A.: Montana, Lake County, Flathead Lane, off Tower Rd., off Hwy. 93, few miles northwest of Polson, *Phipps & O'Kennon 7078*, 25 Aug. 1994, PARATYPE

*Crataegus phippsii* O'Kennon, Sida 18(1): 185. 1998

CANADA: British Columbia, abt. 3 km NE of Enderby, 50 34'N 119 08'W, J.B. Phipps & R.J. O'Kennon 7037, 21 Aug. 1994, PARATYPE

*Crataegus rotunda* Sarg., Rep. Mo. Bot. Gard. 19: 59. 1908

U.S.A.: Missouri, Webb City, *E.J. Palmer 1472*, 24 Sept. 1908, TOPOTYPE

*Crataegus scabrida* Sarg., Rhod. 3: 29. 1901

U.S.A.: Vermont, Bennington, *W.W. Eggleston 1804*, 30, 31 May 1900, TYPE COLLECTION MATERIAL

*Crataegus shuswapensis* J.B. Phipps & R.J. O'Kennon, Sida 20(1): 128. 2002

CANADA: British Columbia, Shuswap River on road Enderby to Mabel Lake, Phipps & O'Kennon 7009, 20 Aug. 1994, ISOTYPE

*Crataegus stankovii* Kossyach, Bull. Princ. Bot. Gard. Acad. Sci. URSS No. 57: 78. 1965

U.S.S.R.: Tauria, distr. Bjelogorsk, in vicinitate pag. Rodniki, *V. Kossyach* (Fl. ex. URSS 5025),



26 Sept. 1961, PARATYPE

*Crepis cretica* Boiss., Diagn. Ser. I 11: 53. 1849

GREECE: Crete, Isthmus of Hierapetra, *J.B. Patten K49*, 17 May 1900, TOPOTYPE

*Crepis heterotricha* DC. ssp. *lobata* Babcock, Publication unknown

IRAN: Mazanderan, Kudjur, Ulodj, *K.H. & F. Rechinger 6473*, 9 Aug. 1948, ? TYPE  
COLLECTION MATERIAL

*Crepis rostrata* Coville, Contr. U.S. Nat. Herb. 3: 564. 1896

U.S.A.: Washington, Grant Co., Soap Lake in Grand Coulee, *J.W. Thompson 11488*, 18 May 1935, TOPOTYPE

*Crotalaria filifolia* Rose, Contr. U.S. Nat. Herb. 5: 136. 1897

MEXICO: near Cuernavaca, *C.G. Pringle 6553*, 15 Sept. 1896, ISOTYPE

*Crotalaria linaria* Small, Man. S.E. Fl. 679. 1933

U.S.A.: Florida, Monroe Co., Big Pine Key, *E.P. Killip 32775*, 29 Jan.-16 Feb. 1940,  
TOPOTYPE

*Croton arenicola* Leandri, Ann. Mus. Coll. Marseille Ser. V, ii Fasc. 1, 57. 1939

MADAGASCAR: Moyenne Mananara (Env. de l'Androy), *M.R. Decary 9443*, 27 Nov. 1931,  
PARATYPE

*Croton cassinoides* Lam., Encyc. 2: 211. 1790

MADAGASCAR: Ft. Dauphin, *M.R. Decary 9786*, 5 Jan. 1932, TOPOTYPE

*Croton cienagensis* Rusby, Descriptions of Three Hundred New Species of South American  
Plants, p. 44. 1920

COLOMBIA: Santa Marta, *H.H. Smith 368* (1898-1901), ? ISOTYPE

*Croton elliottianus* Baill., Bull. Soc. Linn. Paris 2: 863. 1890

MADAGASCAR: Behara (Androy), *M.R. Decary 10455*, 3 Oct. 1932, TOPOTYPE

*Croton geayi* Leandri, Bull. Mus. Hist. Nat. Ser. 2: 3: 368. 1931

MADAGASCAR: Behara (Amoronibe), *M.R. Decary 9482*, 3 Oct. 1931, TOPOTYPE

*Croton hainanensis* Merrill, Lingnan Sc. Journ. 16: 391. 1937

CHINA: Hainan, *H.Y. Liang 65398*, 28 Feb. 1934, PARATYPE

*Croton hirtus* L'Herit., Stirp. Nov. 17. t 9

COLUMBIA: Santa Marta, *H.H. Smith 370*, 1898-1901, ? TYPE - PUBLICATION NOT  
AVAILABLE

*Croton nummulariaefolium* A. Rich., In Sagra, Fl. Cub. Fanerog. 2: 211. 1850  
CUBA: Las Villas province, 10 km south of Santa Clara, *R.A. Howard 343*, (Pl. Ex. Gray, 1441),  
13 July 1951, TOPOTYPE

*Croton rosmarinifolius* Griseb. in Goett, Nachr. 174. 1865  
CUBA: Matanzas, *F. Rugel 160*, Jan. 1849, ? TYPE - PUBLICATION NOT AVAILABLE

*Crucianella glauca* A. Rich. ssp. *elbursensis* Ehrendf. f. *hirsuta* Ehrendf.  
IRAN: Mazanderan, Kudjur, in monte Ulodj, *K.H. & F. Rechinger 6474b*, 9 Aug. 1948, ? TYPE  
- PUBLICATION NOT AVAILABLE

*Crucianella khorasanica* Ehrend., Ann. Naturhist. Mus. Wien 56: 219. 1948  
IRAN: Khorosan, in montibus inter Budjnurd et Morawe Tappeh, *K.H. Rechinger 1903*, 25-27  
July 1937, ISOTYPE

*Cryptantha circumscissa* (H. & A.) Johnston var. *rosulata* J.T. Howell, Leafl. West. Bot. 6: 104.  
1951  
U.S.A.: California, Tulare Co., Siberian Pass Creek, *J.T. Howell 25743*, 25 July 1949,  
PARATYPE

*Cryptantha milobakeri* Johnston, Journ. Arn. Arb. 21: 63-64. 1940  
U.S.A.: California, Lake Co., Bottlerock Road, ca. 1 mi. S of the junction with the  
Lakeport-Lower Lake Hwy., *M.S. Baker 10897*, 24 May 1945, TOPOTYPE

*Cryptantha thompsonii* Johnston, Contrib. Arn. Arb. 3: 88-89. 1932  
U.S.A.: Washington, Kittitas Co., near head of Beverly Creek, *J.W. Thompson 8741*, 13 July  
1932, TOPOTYPE

*Cryptantha weberi* Johnston, Journ. Arn. Arb. 33: 72-73. 1952  
U.S.A.: Colorado, Saguache Co., 4 miles southwest of Cochetopa Pass, *W.A. Weber 5778*, 28  
July 1950, ISOTYPE

*Cryptotaenia elegans* Webb, Index Seminum Hort. Berol. App. 9. 1861  
CANARY ISLANDS: Tenerife, in vicin. pag. Santa Ursula, Barranco de la Cruz, *E. Asplund*  
*1216*, 10 May 1933, TOPOTYPE

*Ctenopteris isidrensis* Copel., Philip. Jour. Sc. 84: 441. 1956  
COSTA RICA: Cerros de Zurqui, northeast of San Isidro, *Standley & Valerio 50474*, 3 Mar.  
1926, PARATYPE

*Cunuarua spruceana* Baill., Adansonia 4: 288. 1863-64  
VENEZUELA: Rio Negro at mouth of Casiquiare, *Schultes & Lopez 9380*, 17 Dec. 1947,  
TOPOTYPE

- Cuphea imberbis* Rose, Engl. Jahrb. 41: 94. 1907  
MEXICO: Hidalgo, Trinidad, Iron Works, *C.G. Pringle 8979*, 29 July 1904, ISOTYPE
- Cupressus abramsiana* Wolf, El Aliso 1: 215-216. 1948  
U.S.A.: California, Santa Cruz Co., Eagle Rock, *J.H. Thomas 1225*, 5 Nov. 1949, TOPOTYPE
- Cupressus bakeri* Jepson, Fl. Calif. 1: 61. 1909  
U.S.A.: California, Siskiyou Co., *O.V. Matthews 21*, 5 July 1939, TOPOTYPE
- Cupressus forbesii* Jepson, Madrono 1: 75. 1922  
U.S.A.: California, San Diego Co., Barrett, *Epling & Robison 43*, 31 Mar. 1932, TOPOTYPE
- Cupressus macnabbiana* Murray, Edinb. New Phil. Jour. n.s. 1: 293, pl. 11. 1855  
U.S.A.: California, Whiskeytown, *L.S. Rose 55092*, 14 June 1955, TOPOTYPE
- Cupressus nevadensis* Abrams, Torreya 19: 92. 1916  
U.S.A.: California, Kern Co., Piute Mts., Red Hill near Bodfish, *L.R. Abrams 5368*, 29 July 1915, ISOTYPE
- Cuscuta desmouliniana* Yuncker, Illinois Biol. Monog. 6: 40-41. 1921  
MEXICO: Sonora, Hills near Altar, *C.G. Pringle 105*, 26 Aug. 1884, ISOTYPE
- Cuscuta epilium* Weihe f. *camelinae* S. Ganeschin, Des-Moul. Etud. org. Cusc. 65. 1853  
U.S.S.R.: Ucraina, Prov. Czernigov, distr. Priluki, *S. Ganeschin*, (Herb. Fl. URSS 2945), July 1914, ? ISOTYPE
- Cuscuta howelliana* Rubtsoff, Leafl. West. Bot. 10: 335. 1966  
U.S.A.: California, Lake Co., Boggs Lake, *Rubtsoff & Arnaud 5792*, 20 Aug. 1966, ISOTYPE
- Cuscuta sandwichiana* Choisy, Cusc. 184 t.5 f. 4  
HAWAIIAN ISLANDS: Lanai, Lae Wahie, *O. Degener 22011*, 1 Mar. 1952, TOPOTYPE
- Cuscuta warneri* Yuncker  
U.S.A.: Utah, Millard County, 15 miles west of Fillmore, *L. Warner s.n.*, 10 Sept. 1957, ISOTYPE
- Cussonia bojeri* Seem., Journ. Bot. 4: 298. 1866  
MADAGASCAR: est de Tananarive, *M. Decary 6870*, 30 Sept. 1928, TOPOTYPE
- Cyanea shipmanii* J.F. Rock, Occas. Papers Bishop Mus. Honolulu 22: 44. 1957  
HAWAIIAN ISLANDS: Hawaii, Mauna Kea, *S. Carlquist 2121*, 4 Aug. 1966, TOPOTYPE
- Cyanea sylvestris* A.A. Heller, Minnes. Bot. Studies 1: 909-910. 1896  
HAWAIIAN ISLANDS: Kauai, Hanalei, northeast of Kapalilsea, *Degener & Hatheway 20459*, 4 Feb. 1950, TOPOTYPE

- Cyathea hainanensis* Ching, Acta Phytotax. Sin. 8: 168. t. 21(23). 1959  
CHINA: Hainan, Yaichow, *H.Y. Liang* 62675, 18 Aug. 1933, ISOTYPE
- Cyathea rapensis* Copel., Occ. Pap. Bishop Mus. 14: 53 t.5. 1938  
POLYNESIA: Rapa, Maungaeae, *St. John & Maireau* 15355, 4 July 1934, ISOTYPE
- Cymophora pringlei* Robinson, Proc. Amer. Acad. 43: 39. 1907  
MEXICO: Guerrero, Iguala Canyon, *C.G. Pringle* 10068, 22 Sept. 1905, ISOTYPE
- Cymophora pringlei* Robinson, Proc. Amer. Acad. 43: 39-40. 1907  
MEXICO: Guerrero, Iguala Canyon, *C.G. Pringle* 10068[1/2], 2 Oct. 1906, TOPOTYPE
- Cymopteris fendleri* A. Gray, Pl. Fend. 56. (Mem. Amer. Acad. Art. & Sc. N. Ser. 4(1): 56. 1849)  
U.S.A.: New Mexico, Santa Fe Co., Santa Fe, *A.A. & E.G. Heller* 3539, 15 May 1897, TOPOTYPE
- Cynacrambe japonica* Makino, Bot. Mag., Tokyo 8: 348. 1894  
JAPAN: Mt. Torigata, *T. Makino*, 22 May 1889, TYPE COLLECTION MATERIAL
- Cynoglossum austriacum* Rechinger, Ann. Naturhist. Mus. Wien 38: 151-152. 1925  
AUSTRIA: Marchfeld, "Weikendorfer Remise", *K. Rechinger*, 19 June 1927, ISOTYPE
- Cynometra insularis* A.C. Smith, Sargentia 1: 38. 1942  
FIJI: Vatudamusewa, Rewasa, Viti Levu, *O. Degener* 15491, 6 June 1941, ISOTYPE
- Cyperus ×amurico-compressus* T. Koyama, Jour. Jap. Bot. 33: 256. 1958  
JAPAN: Shimotsuke, Akama, *T. Koyama* 7188, 21 Oct. 1956, ISOTYPE
- Cyperus aristatus* Rottb. var. *runyonii* O'Neill, Rhod. 44: 56. 1942  
U.S.A.: Texas, Kennedy Co., Los Norias, *R. Runyon* 2655, 11 May 1941, PARATYPE
- Cyperus ×condensatus* T. Koyama, Jour. Jap. Bot. 28: 334-335. 1953  
JAPAN: Hondo, Musashi prov., Tajimagahara, *T. Koyama* 272, 1 Oct. 1950, ISOTYPE
- Cyperus fendlerianus* Boeckl., Linnaea 35: 520. 1868  
U.S.A.: New Mexico, Santa Fe Canyon, *A.A. & E.G. Heller* 3839, 12 July 1897, TOPOTYPE
- Cyperus granitophilus* McVaugh, Castanea 2: 103-104. 1937  
U.S.A.: Georgia, Walton Co., Loganville, *W.H. Duncan* 2868 (Pl. Ex. Gray. 1021), 30 Aug. 1940, TOPOTYPE
- Cyperus iwatsakii* Makino, Tokyo Bot. Mag. 6: 47. 1892  
JAPAN: Hondo, Ueno Park in Tokyo, *J. Ohwi* (NSM 326), 21 Sept. 1951, TOPOTYPE

*Cyphomandra bassovioides* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 116-117. 1920

COLOMBIA: Santa Marta, *H.H. Smith 1181*, (1898-1901), ? ISOTYPE

*Cyphomandra chlorantha* Rusby, Descriptions of Three Hundred New Species of South American Plants, p. 116. 1920

COLOMBIA: Santa Marta, *H.H. Smith 1180* (1898-1901), ? ISOTYPE

*Cyrilla parviflora* Shuttlworth in Nash, Bull. Torrey Bot. Club 23: 101-102. 1896

U.S.A.: Florida, Wakulla Co., St. Mark's, *G.V. Nash 2543*, 3 Sept. 1895, ISOTYPE

*Cyrtorhyncha neglecta* Greene, Pittonia 4: 146. 1900

U.S.A.: Colorado, Jefferson Co., Mt. Morrison, *Bethel & Clokey 4118*, 3 June 1921, TOPOTYPE

*Cytisus cincinnatus* Ball, J. Linn. Soc. 16: 404. 1878

MAROCCO: Anti Atlas occidental, *J. Vindt 4593*, 15 avril 1952, TOPOTYPE

*Cytisus grandiflorus* DC., Prodr. 2: 154. 1825

PORTUGAL: Coimbra, pr. Santo Antonio dos Olivaes, *W. & M. Rothmaler*, 4 May 1936, TOPOTYPE

*Cytisus hirtellus* Rchb., Conspectus fl. europaeae 157. 1878

TURKEY: Constantinopel, zwischen Sträuchern auf Anhöhen, *Dr. Noë, exs. 188*, June 1841, ISOTYPE

*Cytisus osyrioides* Svent., Bol. Inst. Nac. Invest. Agron. Madrid 9(20): 201. 1949

CANARY ISLANDS: Nivaria, Masca, Guelgue, *E.R. Sventenius* (Fl. Sel. Canariensis 144), 1 May 1945, TOPOTYPE

*Cytisus rochelii* Wierzb. in Wieg., Archiv für Naturgeschichte 18(1): 293. 1852

HUNGARY: Mehadia, Banat, *Wierzbicki*, ISOTYPE

*Cytisus supinus* L., Spec. plant ed. 1. 740. 1753

AUSTRIA: ad Newwaldegg, *Woloszczak* (Fl. ex Austro-Hungarica 808), TOPOTYPE

*Dactylis aschersoniana* Graebner × *D. glomerata* L., Bot. Not. 1912: 330. 1912

SWEDEN: Scania, Bökebergsslätt, *O.R. Holmberg*, 11 July 1923, ISOTYPE

*Dalea bacchantum* Barneby, Mem. N.Y. Bot. Gard. 27: 406-407. 1977

MEXICO: Morelos, Tepoztlan, *H.D. Ripley 14901*, 12 Dec. 1967, TOPOTYPE

*Dalea capitata* Watson var. *lupinocalyx* Barneby, Mem. N.Y. Bot. Gard. 27: 447. 1977

MEXICO: Nuevo Leon, Los Encinos between Galeana and Iturbide, *Ripley & Barneby 14778*,

26 Nov. 1966, TOPOTYPE

*Dalea cinnamomeae* Barneby, Mem. N.Y. Bot. Gard. 27: 398-399. 1977

MEXICO: Puebla, Izucar de Matamoros, *Ripley & Barneby 14568*, 9 Nov. 1966, TOPOTYPE

*Dalea delicata* Rose, Contrib. U.S. Nat. Herb. 8: 304. 1905

MEXICO: Iguala, *C.G. Pringle 13516*, 21 Sept. 1905, TOPOTYPE

*Dalea gypsophila* Barneby, Mem. N.Y. Bot. Gard. 27: 443. 1977

MEXICO: Nuevo Leon, S of Galeana, *Ripley & Barneby 14775*, 26 Nov. 1966,  
TOPOTYPE

*Dalea hallii* Gray, Proc. Amer. Acad. 8: 625. 1873

U.S.A.: Texas, Dallas, *J. Reverchon 564*, TOPOTYPE

*Dalea mixteca* Barneby, Mem. N.Y. Bot. Gard. 27: 335-336. 1977

MEXICO: Oaxaca, San Juan Teposcolula, *Ripley & Barneby 14688*, 16 Nov. 1966, ISOTYPE

*Dalea revoluta* Wats., Proc. Amer. Acad. 22: 404. 1887

MEXICO: Jalisco, near Guadalajara, *C.G. Pringle 11425*, 26 Sept. 1903, TOPOTYPE

*Dalea verna* Barneby, Mem. N.Y. Bot. Gard. 27: 154. 1977

MEXICO: Durango, 5 miles west of Hidalgo del Parral, *Mosquin & Crompton 6919*, 22 Aug.  
1967, TOPOTYPE

*Danthonia canadensis* Baum & Findlay

CANADA: Quebec, Portage entre les lacs des Caps et Charpeney, 51 08'N 63 47'W, *Dutilly & Lepage 41,386*, 22 août 1963, PARATYPE; Wright County, Glenfarne, *W.G. Dore 150*, 3 July 1932, PARATYPE; Lennoxville, *H. Groh s.n.*, 20 June 1930, PARATYPE; Comté Temiscouata, St. Honoré, *Blouin et al. 7355*, PARATYPE; Pontiac Co., Bristol Parish, Conc. 1, near end of Black Bay, *Senn & Zinck 788*, 25 June 1941, PARATYPE; Pontiac Co., Bristol Parish, Conc. 1, near end of Black Bay, *Senn & Zinck 787*, no date, PARATYPE; Comté Brome, Sweetsburg, *FF. Marie-Victorin et al. 7327*, 27 juin 1943, PARATYPE; Saskatchewan, Cypress Hills Park, *A.J. Breitung 4864*, 15 July 1947, PARATYPE; Cypress Hills Park, *A.J. Breitung 4399*, 7 July 1947, PARATYPE; Cypress Hills Park, *A.J. Breitung 4464*, 7 July 1947, PARATYPE; British Columbia, Queen Charlotte Islands, Moresby Island, mountain above Mosquito Lake near head of Cumshewa Lake, *Calder & Taylor 23692*, 24 Aug. 1957, PARATYPE

*Danthonia canadensis* Baum & Findlay, Can. Jour. Bot. 52: 1577. 1974

CANADA: British Columbia, 4[1/2] mi. N of Ootsa Lake, *Calder et al. 13503*, 24 July 1954,  
HOLOTYPE

*Daphne euboica* Rech. f. Osterr. Bot. Zeitschr. 104: 176. 1957

GREECE: Insula Euboea septentrionalis, Montes Kandili, *K.H. Rechinger 17139*, 27 May 1955,

ISOTYPE

*Daphne verloti* Grenier & Godron, Fl. Fr. 3: 59. 1856

FRANCE: Isère, environs de Grenoble entre Cornec et le St. Eynard, *R. Ruffier-Lanche*, 2 May 1955, TOPOTYPE

*Daucus littoralis* Sibth. & Sm. ssp. *hyranicus* Rech. f., Publication unknown

IRAN: Mazanderan prope Babolsar, *K.H. & F. Rechinger 5628*, 19 June 1948, ? TYPE  
COLLECTION MATERIAL

*Daucus littoralis* Sibth. & Sm. var. *negevensis* Plitm., Publication unknown

PALESTINE: Negev, about 10 km S of Beersheba, *Eig, Zohary & Feinbrun*, 15 Apr. 1928, ?  
TYPE COLLECTION MATERIAL

*Davallia novae-zelandiae* Col., Tasm. Journ. 2: 182. 1844

NEW ZEALAND: Stewart Island, *Doore et al. 309*, 16 Feb. 1935, TOPOTYPE

*Decanema bojeranum* Dcne., Ann. Sc. Nat. Ser. II 9: 338 + 12. 1838

MADAGASCAR: Carion, *Decary 6005*, 12 Jan. 1928, TOPOTYPE

*Dedeckera eurekaensis* Reveal & Howell, Brittonia 28: 246. 1976

U.S.A.: California, Inyo Co., 3 mi. SE of Eureka Valley, *Reveal et al. 3909*, 29 July 1975,  
ISOTYPE

*Dalissea hirtella* Mann, Proc. Am. Acad. 7: 179. 1867

HAWAIIAN ISLANDS: Kauai, on Kaluapuhi Trail, *S. Carlquist 521*, 14 July 1958,  
TOPOTYPE

*Delphinium amabile* Tidestr. ssp. *clarianum* Ewan, Univ. Colorado Studies, ser. D. 2: 198. 1945

U.S.A.: California, near Riverside-San Bernardino Co. Line, San Bernardino Mts., near Lost  
Horse, *M. Clary*, 12 May 1932, ISOTYPE

*Delphinium bicolor* Nutt. f. *devriesii* Boivin, Nat. can. 94: 653. 1967

CANADA: Alberta, Elkwater Lake Provincial Park, *B. de Vries 3182-66*, 6 June 1966,  
HOLOTYPE

*Delphinium brownii* Rydb. f. *pallidiflora* Boivin, Nat. can. 75: 217. 1948

CANADA: Alberta, Banff Park, Hillsdale, *B. Boivin 4871*, 21 juillet 1946, HOLOTYPE

*Delphinium collinum* Ewan, Bull. Torrey Bot. Club 63: 338-339. 1936

U.S.A.: California, San Diego Co., ridge between Campbell's Ranch and Mason Valley, *Epling  
& Robison*, 4 Apr. 1932, ISOTYPE

*Delphinium lineopetalum* Ewan, Univ. Colorado Stud. Ser. D. 2: 126. 1945

U.S.A.: Washington, Kittitas Co., Table Mt., *A.R. Kruckeberg 3014*, 1 July 1952, TOPOTYPE

*Delphinium madrese* Watson, Proc. Amer. Acad. 25: 141. 1890

MEXICO: Monterey, *C. Pringle 10178*, 29 March 1906, TOPOTYPE

*Delphinium nuttallianum* Pritz. var. *laevicaule* C.L. Hitchc., Vasc. Pl. Pacific N.W. 2: 359. 1964

U.S.A.: Washington, Kittitas Co., 3 mi. E of Cle Elum, *Hitchcock & Muhlick 20774*, 20 May 1956, ISOTYPE

*Delphinium nuttallianum* Pritz. var. *fulvum* C.L. Hitchc., Vasc. Pl. Pacif. N.W. 2: 359. 1964

U.S.A.: Montana, 2 mi. E of Plains, *Hitchcock & Muhlick 20862*, 31 May 1956, ISOTYPE

*Delphinium occidentale* S. Wats., Coult. Man. Bot. Rocky Mount. Reg. 11. 1885

U.S.A.: Nevada, Lamoille Cr., Rusby Mts., *W.W. Eggleston 7707*, 6 Sept. 1911, TOPOTYPE

*Delphinium ramosum* Rydb. f. *sidalceoides* Ewan, Bull. Torrey Bot. Club 78: 380-381. 1951

U.S.A.: Colorado, Saguache Co., Cochetopa Park, *W.A. Weber 9418*, 10 Aug. 1955, TOPOTYPE

*Delphinium recurvatum* Greene, Pittonia 1: 285. 1889

U.S.A.: California, Contra Costa Co., Byron Hot Springs, *R.F. Hoover 10511*, 28 Apr. 1967, TOPOTYPE

*Delphinium umbraculorum* L.&E.

U.S.A.: California, Monterey County, Jolon-King City Road, 7.2 miles north of Jolon, *Lewis & Epling 701*, 2 May 1947, PARATYPE

*Delphinium umbraculorum* Lewis & Epling, Brittonia 8: 19. 1954

U.S.A.: California, San Luis Obispo Co., S of Klau, *Lewis & Epling 691*, 2 May 1947, PARATYPE

*Delphinium variegatum* T. & G. ssp. *apiculatum* (Greene) Ewan f. *superbum* Ewan, Univ. Colorado Studies Ser. D. 2: 186. 1945

U.S.A.: California, San Mateo Co., Crystal Springs Lake, *L.S. Rose 56065*, 7 May 1956, TOPOTYPE

*Delphinium xantholeucum* Piper, Contr. U.S. Nat. Herb. 11: 280. 1906

U.S.A.: Washington, Chelan Co., Entiat River N of Wenatchee, *J.W. Thompson 11478*, 18 May 1935, TOPOTYPE

*Denisophyton madagascariense* Vigueau, Nat. Syst. ed Humbert 13: 349. 1949

MADAGASCAR: Antammone, Mt. d'Amononté, *M.R. Decary 2941*, 7 Aug. 1924, ? TYPE COLLECTION MATERIAL

*Deschampsia alpicola* Rydb., Bull. Torrey Bot. Club 32: 601. 1905



U.S.A.: Colorado, Pikes Peak, *J. Ewan 15082*, 28 July 1943, TOPOTYPE

*Deschampsia brevifolia* R.Br., *Chloris Melvilliana* 33-34. 1823

CANADA: District of Franklin, Melville Island, *D. Lamperd BP-74-175*, 10 Aug. 1974, TOPOTYPE

*Deschampsia caespitosa* (L.) Beauv. var. *abbei* Boivin, *Nat. can.* 94: 523. 1967

CANADA: Quebec, Manitounuck Sound, *Abbe et al. 3876*, 14 Aug. 1939, HOLOTYPE

*Deschampsia caespitosa* (L.) Beauv. var. *intercotidialis* Boivin

CANADA: Quebec, comté de Montmorency, Ile d'Orleans, *Marie-Victorin et al. 43,664*, 13 juillet 1935, PARATYPE; comté de Montmorency, zone intercotidale des rivages estuariens, *Marie-Victorin et al. 46538*, 30 juillet-1 août 1935, PARATYPE; comté de Kamouraska, Ste. Anne de la Pocatière, shore of St. Lawrence River, *Br. Marie-Anselm 147*, 31 July 1939, PARATYPE; Grosse-Ile, St. Lawrence River, *R.P. Hanson 1022*, 28 June 1944, PARATYPE; Cap Rouge, *H. Groh s.n.*, 16 June 1936, PARATYPE; Portneuf County, Neuville, intertidal limestone ledges, *W.G. Dore 47-744*, 23 August 1947, PARATYPE

*Deschampsia caespitosa* (L.) Beauv. var. *intercotidialis* Boivin, *Can. Field Nat.* 65: 17-18. 1951

CANADA: Quebec, Cap Rouge, *W.G. Dore 357*, 9 July 1936, HOLOTYPE

*Deschampsia mackenzieana* Raup, *Jour. Arn. Arb.* 17: 205. 1936

CANADA: Saskatchewan, Lake Athabaska, *G.W. Argus 662-62*, 17 July 1962, TOPOTYPE

*Desmodium jaliscanum* Wats., *Proc. Amer. Acad.* 22: 406-407. 1887

MEXICO: Jalisco, Rio Blanco near Guadalajara, *C.G. Pringle 11412*, 15 Oct. 1903, TOPOTYPE

*Dianella lavarum* Degener, *Fl. Hawaiiensis Fam.* 68. 1932

HAWAIIAN ISLANDS: Kilauea, *O. Degener 5525*, 1929, TOPOTYPE

*Dianella multipedunculata* Degener, *Fl. Hawaiiensis, Fam.* 68. 1932

HAWAIIAN ISLANDS: Oahu, Palikea, *Degener et al. 21,035*, 29 Oct. 1950, TOPOTYPE

*Dianella tasmanica* Hook. f., *Fl. Tasm.* 2: 57-58. 1860

AUSTRALIA: Tasmania, *J.G. Wright*, Jan. 1926, TOPOTYPE

*Dianthus attenuatus* Smith var. *pyrenaicus* Wilk., Publication unknown

FRANCE: Pyrénées-Orientales, entre Fontpédrouse et Montlouis, *G. Gavelle*, 11 juillet 1963, ?  
TYPE COLLECTION MATERIAL

*Dianthus brachycalyx* E. & A. Huet du Pavillon var. *brevifolius* E. & A. Huet du Pavillon,  
Publication unknown

EUROPE: Neopolitanae, supra Piano di 5 Miglia, Aprutii, *E. & A. Huet du Pavillon 281*, 18 July

1856, ? TYPE COLLECTION MATERIAL

*Dianthus brachyanthus* Boiss. var. *ruscinoensis* Pericot, Publication unknown  
SPAIN: Torroella de Montgri, Sta Caterina, *L. Pericot*, 25 June 1938, ? TYPE COLLECTION MATERIAL

*Dianthus callizonus* Schott & Koyschv, Bot. Ztg. IX: 192. 1851  
AUSTRIA: montis Kiralko (Patra krajului), *Simkovics* (Fl. ex. Aust.-Hung. 877), TOPOTYPE

*Dianthus carthusianorum* L. var. *pseudogramineus* Podpera, Fl. ex. Reip. Bohem. Slov. 716  
MORAVIA SEPT.: Sumperk, prope Raskov, *J. Otruba*, 23 July 1929, ISOTYPE

*Dianthus carthusiorum* L. var. *puberulus* Simkovics, Ak. Kösl. 15: 531. 1878  
HUNGARY: Sobosin, *Simkovics* (Fl. Aust.-Hung. 537), TYPE COLLECTION MATERIAL

*Dianthus carthusianorum* L. ssp. *saxigens* Schur, En. pl. Transs. p. 95. 1866  
ROMANIA: montis Ocsem ad pag. Balanbanya, *Kummerle & Javorka* (Fl. Hung. ex. 545), TOPOTYPE

*Dianthus erubescens* Treviranus in Sprengel, Schrader & Link's Jahrb. der Gewächskunde I.2. Heft, p. 32. 1819  
AUSTRIA: Tirolia australis ad Bozen, *Sauter* (Fl. ex. Aust.- Hung. 547), TOPOTYPE

*Dianthus gautieri* Sen., Bull. Géogr. Bot. 21: 107. 1911  
SPAIN: Catalogne, *F. Sennen 419*, 24 July 1907, TYPE COLLECTION MATERIAL

*Dianthus giganteiformis* Borb. var. *craiovensis* Prod., Flora R.P.R. II 245 et 667. 1953  
ROMANIA: Oltenia, distr. Dolj. opp. Craiova, *I. Prodan* (Fl. Rom. ex. 3446) 3 June 1951, TOPOTYPE

*Dianthus liburnicus* Bartling in Wendl. Beitr. Zur Bot. II p. 52. 1825  
AUSTRIA: prope Castuam et Voloscam ad sinum flanicum, *Pichler* (Fl. ex. Aust.-Hung. 532), TOPOTYPE

*Dianthus liburnicus* Bartl. & Wendl. f. *lucanus* Lacaïta, Fl. Ital. ex. III 2856  
ITALY: Lucania, Prov. di Potenza, *C. Lacaïta*, 28 June 1921, ISOTYPE

*Dianthus lumnitzeri* Wiesb. f. *eosinus* Gay., Magy. Bot. Lap. 16: 57. 1917  
HUNGARY: Rachsturn, *G. Timko* (Fl. Hung. ex. 554), 30 May 1914, TOPOTYPE

*Dianthus lumnitzeri* Wiesb. f. *sabuliolus* Deg. & Gay., Flora Hung. exsicc. VI 554  
HUNGARY: Pozsony, *G. Gáyer*, 10 Aug. 1916, ISOTYPE

*Dianthus nardiformis* Janka, Oesterr. Botan. Zeitschrift, 23: 195-196. 1873

ROMANIA: Dobrogea, *J. Prodan* (Dörfler Herb. Norm. 5430), July 1910, TOPOTYPE

*Dianthus nitidus* Waldst. & Kit., Plant. rar. Hung. II p. 209. 1805

AUSTRIA: in monte Chocs, *Pantosek* (Fl. ex. Aust.-Hung. 542), TOPOTYPE

*Dianthus pontederiae* A. Kerner, Sched. ad. Fl. exsicc. Austro- Hung. II p. 67 no. 539. 1882

HUNGARY CENTRALIS: ad Budapest. *Borbas*, ISOTYPE

*Dianthus simonkaianus* Péterfi, Magy. Bot. Lap. 15: 8, 14-15. 1916

HUNGARY: "Valea Runcului" inter pag. Runklungalarga et Kunk, *M. Péterfi* (Fl. Hung. ex. 556), 27 July 1916, TYPE COLLECTION MATERIAL

*Dianthus uzbekistanicus* Linez., Fl. uzbekistan 2: 526. 1953

U.S.S.R.: Uzbekistania, Samarkundicorum propepag. Aksaj, *A. Butkov* (Fl. ex. U.S.S.R. 6253), 22 May 1931, PARATYPE

*Dicentra oregana* Eastwood, Proc. Cal. Acad. Sci. 4th Ser. 20: 144. 1931

U.S.A.: Oregon, Telephone Point, ?*A. Eastwood*, TOPOTYPE

*Dicliptera sanctae-martae* Leonard, Contrib. U.S. Nat. Herb. 31: 378. 1958

COLOMBIA: Dept. de Magdalena, vicinity of Santa Marta, near Cacagualito, *H.H. Smith 1411*, Dec. 1898, ISOTYPE

*Digitalis canariensis* L., Sp. Pl. 622. 1753

CANARY ISLANDS: Nivaria, Cruz Afur, *E.R. Sventenius 65*, 2 May 1947 & 20 July 1948, TOPOTYPE

*Digitalis nova* Winterl., Index Hort. Bot. Univ. Hung. 1788

HUNGARY: ad Budam, *Steinitz* (Fl. Ex. Aust.-Hung. 2126), TOPOTYPE

*Digitaria adscendens* (H.B.K.) Henrard var. *rhachista* Henrard, Monogr. Digitaria 11. 1950

COLOMBIA: Santa Marta, *H.H. Smith 180*, 1898-1901, ? ISOTYPE

*Digitaria ekmanii* Hitchc., U.S. Dept. Agr. Misc. Publ. 243: 176-177. 1936

CUBA: Herradura, *E.L. Ekman 1052*, 26 June 1922, ISOTYPE

*Digitaria laevigulumis* Fernald, Rhod. 22: 102. 1920

U.S.A.: New Hampshire, West Manchester, *Fernald & Griscom* (Pl. Ex. Gray. 516), 27 Aug. 1931, TOPOTYPE

*Digitaria paspaloides* Duby var. *longipes* Lge., Publication unknown

SPAIN: Catalogne, Barcelone, *F. Sennen 1038*, July 1910, ? TYPE COLLECTION MATERIAL

*Digitaria subcalva* Hitchc., Amer. Jour. Bot. 21: 138. 1934

U.S.A.: Florida, Plant City, *C.P. Wright* (Amer. Gr. Nat. Herb. 1556), 26 Oct. 1932, ISOTYPE

*Dionaea muscipula* Ellis ex Linn., Mant. 2: 238. 1771

U.S.A.: South Carolina, Horry Co., Loris, *C.R. Bell 7757*, 25 May 1957, TOPOTYPE

*Dioscorea hastatissima* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 7-8. 1920

COLOMBIA: Madinger Vieja, *H.H. Smith 2294*, 11 Nov. (1898-1909), ? ISOTYPE

*Dioscorea tokoro* Makino, Bot. Mag. Tokyo 8: 485. 1894

JAPAN: Kochi Pref., Sakawa-machi, Takaoka-gun, *T. Makino*, July 1887, ? TYPE

COLLECTION MATERIAL

*Dioscorea truncata* Rusby, Descriptions of Three Hundred New Species of South American Plants, p. 6. 1920

COLOMBIA: Playa Brava, *H.H. Smith 2302*, 17 Nov. (1898-1901), ? ISOTYPE

*Diospyros subacuta* Hiern., Trans. Camb. Phil. Soc. 12: 185. 1873

MADAGASCAR: Fort Carnot, *M. Decary 5767*, 18 juin 1927, TOPOTYPE

*Diplacus puniceus* Nutt., Ann. Nat. Hist. Ser. I. 1: 137. 1838

U.S.A.: California, San Diego Co., San Diego, Mission Hills, *L. Abrams 3440*, 9 May 1903, TOPOTYPE

*Ditaxis diversiflora* Clokey, Bull. So. Calif. Acad. Sci 37(1): 6-8. 1938

U.S.A.: Nevada, Clark Co., Charleston Park, *I.W. Clokey 7576*, 24 May 1937, ISOTYPE (2 SHEETS)

*Dizygadra noctiflora* Shuttl. ex Nees in DC. Prod. 11: 123. 1847

U.S.A.: Florida, inter St. Marks et Port Leon, *Rugel*, June 1843, ISOTYPE

*Dodecatheon alpinum* (Gray) Greene ssp. *majus* H.J. Thompson, Contrib. Dudley Herb. 4: 142. 1953

U.S.A.: California, Mono Co., between June and Silver Lakes, *H.J. Thompson 1546*, 8 Aug. 1952, PARATYPE

*Dodecatheon clevelandii* Greene ssp. *insularis* H.J. Thompson, Contrib. Dudley Herb. 4: 134. 1953

U.S.A.: California, Monterey Co., 2 mi. W of Lockwood on road to Jolon, *H.J. Thompson 1427*, 3 Feb. 1951, PARATYPE

*Dodecatheon conjugens* Greene var. *beamishii* Boivin f. *lacteam* Boivin, Phytologia 17: 74. 1968

CANADA: Alberta, Pasque Mtn., 40 miles almost due north of Coleman, *D.K. Norris 19*, 8 July

1956, HOLOTYPE

*Dodecatheon pulchellum* (Raf.) Merr. f. *breitungii* Boivin, Phytologia 18(5): 289. 1969  
CANADA: Saskatchewan, McKague, *A.J. Breitung*, 26 June 1938, HOLOTYPE

*Dodecatheon radicum* Greene, Erythea 3: 37. 1895  
U.S.A.: New Mexico, mountains back of Santa Fe, *A. Fendler 549*, 1847, ISOTYPE

*Dodonaea eriocarpa* Smith var. *degeneri* Sherff. f. *decipiens* Sherff, Am. J. Bot. 32: 208-209.  
1945  
HAWAIIAN ISLANDS: Maui, *O. Degener 19347*, 21 Dec. 1948, TOPOTYPE

*Dodonaea eriocarpa* Smith var. *degeneri* Sherff, Am. J. Bot. 32: 208. 1945  
HAWAIIAN ISLANDS: Maui, *Degener & Clay 19348*, 31 Dec. 1948, TOPOTYPE

*Dodonaea eriocarpa* Smith var. *glabrescens* Sherff, Am. J. Bot. 32: 209. 1945  
HAWAIIAN ISLANDS: Oahu, *Degener et al. 19436*, 22 Feb. 1949, TOPOTYPE

*Dodonaea eriocarpa* Smith var. *hosakana* Sherff, Am. J. Bot. 32: 207. 1945  
HAWAIIAN ISLANDS: ? West Maui, *Degener et al. 12490*, 28 July 1949, PARATYPE

*Dodonaea eriocarpa* Smith var. *waimeana* Sherff, Am. J. Bot. 32: 206. 1945  
HAWAIIAN ISLANDS: Kauai, *Degener et Cadenheads 27210*, 27 Nov. 1960, TOPOTYPE

*Dolicholobium oblongifolium* Gray var. *degeneri* Fosberg, Sargentia 1: 119. 1942  
FIJI: Viti Levu, Nauwanga, about 3 miles south of Nandarivatu, *O. Degener 14816*, 13 Mar.  
1941, PARATYPE

*Dombeya lecomtei* Hochr., Candollea 3: 16, 34.  
MADAGASCAR: SE d'Ambovombe, *M.R. Decary*, TOPOTYPE

*Doronicum corsicum* DC. in Poir. Encyl. Suppl. 2: 517. 1811  
CORSICA: Sorba, *B. de Retz 34510*, 22 juillet, 1954, TOPOTYPE

*Dorycnium decumbens* Jordan, Observ. sur plus plant. nouv. 3:60- 64. 1846  
FRANCE: Avignon, *J.P. Delmas*, 11 June 1906, TOPOTYPE

*Draba aleutica* E. Ekm, Sv. Bot. Tidskr. 30: 522. 1936  
U.S.A.: Alaska, Aleutian Islands, Rat Island, *E. Hultén 5983*, 1 July 1932, FRAGMENT OF  
PARATYPE

*Draba alpina* L. var. *inflatisiliqua* Polunin, Jour. Bot. 76: 99. 1938  
CANADA: Dist. of Keewatin, Southampton Island, Coral Harbor, *W.J. Cody 1775*, 2 Aug. 1948,  
TOPOTYPE

- Draba alpina* L. var. *hydeana* Boivin, Nat. can. 87: 32. 1960  
CANADA: Manitoba, Fort Churchill, *P.J. Hyde 109*, 15 July 1949, HOLOTYPE
- Draba aurea* (Vahl) Hook. var. *stylosa* A. Gray, Am. J. Sc. Ser. III 33: 243. 1862  
U.S.A.: New Mexico, canon four miles E of Santa Fe, *A.A. & E.G. Heller 3669*, 8 June 1897,  
TOPOTYPE
- Draba beckeri* A. Kerner, Sched. Fl. Exsicc. iii 76. #891. 1883  
AUSTRIA: montis Unterberg inter Gutenstein et Hohenberg, *A. Kerner*, TYPE COLLECTION  
MATERIAL
- Draba cruciata* Pays. var. *integrifolia* Hitchc. & Sharsmith, Madrono 5: 151. 1940  
U.S.A.: California, Inyo Co., above Mirror Lake, *C.W. Sharsmith 3353*, 21 Aug. 1937,  
ISOTYPE
- Draba exaltata* E. Ekm., Sv. Bot. Tidskr. 25: 489. 1931  
U.S.A.: Alaska, Seward Peninsula, *A.E. & R.T. Porsild 1233*, 5-6 Aug. 1926, FRAGMENT OF  
HOLOTYPE
- Draba hatchiae* Mulligan, Can. J. Bot. 57: 1873. 1979  
U.S.A.: Alaska, Kateekuk Island, 56°05'N 156°43'W, *M. Hatch 2*, 21 May 1977, FRAGMENT  
OF HOLOTYPE
- Draba huteri* Porta, Publication unknown  
EUROPE: Tirolia austral., *Porta*, June 1894, ? TYPE COLLECTION MATERIAL
- Draba jaegeri* Muntz & Johnson, Bull. Torrey Bot. Club 56: 164. 1929  
U.S.A.: Nevada, Charleston Peak, *I.W. Clokey 7949*, 2 Aug. 1938, TOPOTYPE
- Draba kananaskis* Mulligan, Can. J. Bot. 48: 1897. 1970  
CANADA: Alberta, near Snow Ridge Ski Resourt, 25 mi. S of Hwy. 1 on Kananaskis-Coleman  
Road, *G.A. & D.G. Mulligan 3477*, 8 Aug. 1970, HOLOTYPE
- Draba kluanei* Mulligan, Can. J. Bot. 57: 1873. 1979  
CANADA: Yukon Terr., Kluane National Park, Hoge Creek, *Douglas et al. 9845*, 8 July 1976,  
HOLOTYPE
- Draba lanceolata* Royle, Illustr. Bot. Himalayan Mts. 1: 72. 1839.  
INDIA: *Royle*, FRAGMENT OF HOLOTYPE
- Draba lasiocarpa* Rochel, Plant Hung. exsicc. 1810  
HUNGARY: Temetvény Comitatus Nitrensis, *Pantocsek*, TOPOTYPE

*Draba maguirei* C.L. Hitchc. var. *burkei* C.L. Hitch., Univ. Wash. Publ. Biol. 11:72. 1941  
U.S.A.: Utah, Box Elder Co., Cottonwood Canyon, M.D. Windham et al. 95-113, 25 May 1995,  
TOPOTYPE

*Draba megasperma* Fernald, Rhod. 7: 65. 1905  
CANADA: Quebec, Bonaventure Co., Paspébiac, *Marie-Victorin et al. 33774*, 17 août 1930,  
TOPOTYPE

*Draba mexicana* Rose, Contr. U.S. Nat. Herb. 8: 29. 1903  
MEXICO: Federal District, La Cima, Serrania de Ajusco, *C.G. Pringle 10266*, 2 Aug. 1906,  
TOPOTYPE

*Draba murrayi* Mulligan, Can. J. Bot. 57: 1874. 1979  
U.S.A.: Alaska, Kathul Mt., 65°20'N 142°15'W, *Batten & Dawe 78:272*, 17 July 1979,  
FRAGMENT OF HOLOTYPE

*Draba ogilviensis* Hulten, Bot. Not. 119, 2: 315-316. 1966  
CANADA: Yukon Terr., Dempster Hwy., N fork Klondike R., *E. Hultén*, 15-21 July 1964,  
ISOTYPE

*Draba pennellii* Rollins, J. Arnold Arb. 64(4): 502-503. 1983  
U.S.A.: Nevada, Whitepine Co., Schell Creek Range, north Schell Peak, *M. Lavin 4209*, 3 July  
1982, PARATYPE

*Draba porsildii* Mulligan  
CANADA: Alberta, Plateau Mtn. east of Wilkinson Summit on Kananaskins Road, 50 13'N  
114 32'W, *J.A. Calder 37299A*, 30 Aug. 1964, PARATYPE

*Draba porsildii* Mulligan, Can. J. Bot. 52: 1795. 1974  
CANADA: Alberta, 8 mi. S of Hwy. 1 on Kananaskis-Coleman Road, *G.A. & D.G. Mulligan*  
3472, 7 Aug. 1969, HOLOTYPE

*Draba scotteri* Mulligan, Can. J. Bot. 57: 1874. 1979  
CANADA: Yukon Terr., Kluane National Park, *G.W. Scotter 21039D*, 4 Aug. 1972,  
HOLOTYPE

*Draba subcapitata* Simmons, Rept. Second Arct. Exped. in the "Fram" 1898-1902, 2: 87-92.  
1906  
CANADA: Dist. of Franklin, Ellesmere Is., *H.G. Simmons 3591*, 1898-1902, ISOLECTOTYPE

*Draba trichocarpa* Rollins, Contrib. Gray Herb. 214: 4. 1984  
U.S.A.: Idaho, Custer Co., 6.5 miles NW of Stanley, *Rollins & Rollins 83281*, 14 July 1983,  
ISOTYPE

- Draba verna* L. ssp. *ozanonii* Thell. var. *deyllii* Domin, Fl. Cech. ex. 163  
CZECHOSLOVAKIA: Bohemia orientali-septentrionalis, Novy Bydzov, *Mil Deyl*, 20 May. 1930, ISOTYPE
- Dracunculus canariensis* Kunth, Enum. Pl. 3: 30. 1841  
CANARY ISLANDS: Nivaria, *E.R. Sventenius* (Fl. Sel. Can. 100), 17 Apr. 1948, TOPOTYPE
- Dryopteris* × *algonquinensis* Britton, Can. Field-Nat. 89: 165. 1975  
CANADA: Ontario, Nipissing Dist., Barron Twp., Greenleaf Lake, *Keddy & Brunton 533*, 17 July 1973, HOLOTYPE
- Dryopteris columbiana* C. Chr. Kongel. Danske Vidensk. Selsk, Naturvidensk. Math. Afh. 4: 229. 1907  
COLOMBIA: Santa Marta, *H.H. Smith 998*, 1898-1901, ? ISOTYPE
- Dryopteris doiana* Tagawa, Acta Phytotax. Geobot. 5: 253. 1936  
JAPAN: Kyushu, Ins. Sakurajima in Osmi, *S. Hatusima* (TNS No. 1368), 27 Mar. 1957, TOPOTYPE
- Dryopteris opposita* (Vahl) Urban var. *longissima* C. Chr., Kongel. Danske Vidensk. Selsk. Naturvidensk. Math. Afh. 4: 289. 1907  
COLOMBIA: Santa Marta, *H.H. Smith 1008*, 1898-1901, ? ISOTYPE
- Dryopteris patula* (Sw.) Underw. var. *rossii* C. Chr., Soc. Sci. 'Antonio Algato' 32: 178. t.11, 1912; Monog. Gen. *Dryopteris* pt. 1: 72. 1913  
MEXICO: Loma Sta. Maria pres de Morelia, *F. Arsène*, 19 Aug. 1909, TYPE COLLECTION MATERIAL
- Dulichium arundinaceum* (L.) Britt. var. *boreale* Lepage, Nat. can. 85: 100. 1958  
CANADA: Quebec, Riv. Nottaway, *Dutilly & Lepage 35455*, 18 août 1957, PARATYPE
- Dupontia fisheri* R. Br. Chloris Melvilliana p. 33. 1823  
CANADA: District of Franklin, Melville Island, *D. Lamperd BP-74-133*, 1 Aug. 1974, TOPOTYPE
- Echinopsilon reuterianus* Boiss., Boiss. et Reut. Pugill. Pl. 105. 1852  
SPAIN: Catalaunia, pr. Lleida, *Font-Quer* (Fl. Iberica Sel. 209), Nov. 1935, TOPOTYPE
- Echium argentae* Pau, Nat. bot. fl. Espan. 1: 22. 1887  
SPAIN: Legorbe, *C. Pau*, 6 June, ? TYPE COLLECTION MATERIAL
- Echium bonnetii* Choincy, Bull. Herb. Boiss. Ser. II 2: 748. 1902  
CANARY ISLANDS: Tenerife, opp. Güimar, Montes de los Guirres, *E. Asplund 442*, 20 Mar.



1933, TOPOTYPE

*Echium bourgeauanum* Webb. ex Christ, Bot. Jahrb. 9: 126-127. 1888

CANARY ISLANDS: Tenerife, SW of Parador Nacional de Las Canadas, *S. Carlquist* 2688, 8 June 1967, TOPOTYPE

*Echium giganteum* L., Suppl. Plantarum Syst. Veget. p. 131. 1781

CANARY ISLANDS: Tenerife, Valle de Orotava, *E. Asplund* 276, 13 Mar. 1933, TOPOTYPE

*Echium pininana* Webb & Berth., Phyt. Canar. 3:94. 1836

CANARY ISLANDS: La Palma, *S. Carlquist* 2730, 16 June 1967, TOPOTYPE

*Echium strictum* L. f. Suppl. 130. 1781

CANARY ISLANDS: Tenerife, Valle de Orotava, *E. Asplund* 502, 22 Mar. 1933, TOPOTYPE

*Echium virescens* DC., Cat. Hort. Monsp. 107. 1813

CANARY ISLANDS: Tenerife, *E. Asplund* 1060, 5 Mar. 1933, TOPOTYPE

*Echium wierzbickii* Haberle ex Reichb., Fl. Germ. Excurs. 1: 336. 1830-32

HUNGARY: Ungarn, Banat, Orawicza, *Wierzbickii*, ? ISOTYPE

*Edwinia californica* Small, N. Am. Fl. 22: 176. 1905

U.S.A.: California, Tulare Co., White Chief Trail, *J.T. Howell* 27866, 17 July 1951, TOPOTYPE

*Ehretia philippenensis* A. DC., Prodr. 9: 504. 1845

PHILIPPINE ISLANDS: Leyte, *C.A. Wenzel* 1442, 1 June 1915, TOPOTYPE

*Ehretia viscosa* Fern., Trees and Shrubs 1: 25 pl. 13. 1902

MEXICO: Morelos, Chapultepec Springs, Cuernavaca, *C.G. Pringle* 10261, 29 July 1906, TYPE TREE

*Elaeagnus veteris-castelli* Lepage, Nat. can. 82: 230. 1955

CANADA: Quebec, bord du Lac Temiscamingue, *Dutilly et al.* 13876, 10 Sept. 1954, ISOTYPE

*Eleocharis ambigens* Fernald, Rhod. 37: 394. 1935

U.S.A.: Virginia, Princess Anne Co., Rainey Pond, *Smith & Hodgson* (Pl. Ex. Gray. 621), 19 June 1936, TOPOTYPE

*Eleocharis bernardina* Munz & Jtn., Man. S. Calif. Bot. 68. 1935

U.S.A.: California, San Bernardino Mts., South Fork of Santa Ana R., *J.T. Howell* 23490, 22 July 1947, TOPOTYPE

*Eleocharis (Heleocharis) mamillata* H. Lindberg, Dörfler, Herb. Norm. 4383. 1902

FINLAND: Savonia borealis, prope Jorois, *H. Lindberg*, Aug. 1902, ISOTYPE

*Eleocharis palustris* (L.) R.Br. ssp. *microcarpa* Walters, Publication unknown  
BRITISH ISLES: Earith, *S.M. Walters*, 11 Aug. 1949, ? TYPE COLLECTION MATERIAL

*Eleocharis tuberculosa* (Michx.) R. & S. var. *pubnicoensis* Fernald, *Rhod.* 23: 233. 1921  
CANADA: Nova Scotia, Yarmouth Co., Great Pubnico Lake, *J.S. Erskine 54.911*, 23 July 1954,  
TOPOTYPE

*Eliaea articulata* Cambess, *Ann. Sc. Nat. Sér. I*, 20: 401. 1830  
MADAGASCAR: District du Dauphin, Baie de Ste. Luce, *M.R. Decary 10761*, 8-10-1832,  
TOPOTYPE

×*Elymordeum dutillyanum* Lepage, *Nat. can.* 84: 98. 1957  
CANADA: Quebec, Vieux-Comptoir, *E. Lepage 32060*, 29 juillet 1954, ISOTYPE (Plus a  
CLONOTYPE)

×*Elymordeum iowense* Pohl, *Brittonia* 18: 255. 1966  
U.S.A.: Iowa, Story Co., Washington Twp., *R.W. Pohl 9743*, 21 June 1965, ISOTYPE

×*Elymordeum littorale* Hodgson & Mitchell, *Can. J. Bot.* 43: 1355. 1965  
U.S.A.: Alaska, Matanuska Valley, 18 miles SW of Palmer, *Mitchell & Hodgson 1584*, 2 Sept.  
1964, ISOTYPE

×*Elymordeum schaackianum* Bowden, *Can. J. Bot.* 36: 105. 1958  
U.S.A.: Alaska, Attu Island, *G.B. Van Schaak 849*, 10 Aug. 1945, HOLOTYPE

*Elymus ambiguus* Vasey & Scribn. var. *salmonis* C.L. Hitchc., *Vasc. Pl. Pacific Northwest* 1:  
558. 1969  
U.S.A.: Idaho, 9 mi. S of Challis, *Hitchcock & Muhlick 22305*, 31 May 1962, ISOTYPE

*Elymus calderi* Barkworth, *Calder's Wildrye*  
CANADA: Yukon, Kaskawulsh River (recent Lake Alsek, ca 12 miles WSW of Haines Junction,  
*Douglas & Douglas 6632*, 29 July 1973, PARATYPE; Mile 952 Alaska Highway, 15½ miles east  
of Mendenhall Creek, ca 60 53'N 135 49'W, *Gillett & Calder 10275*, 12 May 1960, PARATYPE

*Elymus calderi* Barkworth, *Systematic Botany* 21(3): 353. 1996  
CANADA: Yukon Territory, Mile 945 Alaska Highway near Takhini River Bridge, 60 52'N  
135 42'W, Calder & Kukkonen 28103, 11 Aug. 1960, HOLOTYPE

*Elymus canadensis* L. var. *albanensis* Lepage, *Nat. can.* 79: 178. 1952  
CANADA: Ontario, Baie James, riv. Albany, *Dutilly & Lepage 16190*, 12 août 1946, ISOTYPE

*Elymus hystrix* L., *Sp. Pl.* 1: 560. 1753  
U.S.A.: Virginia, Arlington Co., Four Mile Run, C.O. Erlanson 238, 15 July 1935, TOPOTYPE

*Elymus innovatus* Beal, ssp. *velutinus* Bowden

U.S.A.: near Airfield, Mt. McKinley Park, *Dutilly et al. 20134*, 19 June 1947, PARATYPE; Big Delta Area, Mile 264 Richardson Highway, 64 00'N 145 45'W, *W.J. Cody 6259*, 1 Aug. 1951, PARATYPE; vicinity of Donnely Dome, east of Richardson Highway, 63 47'N 145 45'W, *G.W. Argus 1049*, 29 June 1957, PARATYPE; near Delta Junction, 64 00'N 145 43'W, *Cody & Webster 6033*, 16 July 1951, PARATYPE; Delta River, Mile 272 Richardson Highway between Big Delta and Delta Junction, 64 06'N 145 46'W, *Cody & Webster 5710*, 3 July 1951, PARATYPE; sandy soil along river, Fairbanks, *A.S. Hitchcock 1476*, 2-10 Aug. 1909, PARATYPE; along Nenana River, Healey, *E.L. Lepage 25473*, 19 Aug. 1949, PARATYPE

*Elymus innovatus* Beal var. *glabratus* Bowden, *Can. J. Bot.* 42: 597. 1964  
CANADA: Alberta, Beaverlodge, *M.O. Malte*, 18 July 1921, HOLOTYPE

*Elymus innovatus* Beal f. *laxatus* Lepage, *Nat. can.* 79: 178. 1952  
CANADA: Ontario, James Bay, Attawapiskat, *Dutilly & Lepage 16395*, 21 août 1946, ISOTYPE

*Elymus innovatus* Beal ssp. *velutinus* Bowden, *Can. J. Bot.* 37: 1146. 1959  
U.S.A.: Alaska, Big Delta, *Cody & Webster 6158*, 23 July 1951, HOLOTYPE

*Elymus macounii* Vasey, *Bull. Torrey Bot. Club* 13: 119. 1886; 37: 206. 1960  
CANADA: Saskatchewan, Sand Hills, *J. Macoun*, [19] 21 July 1879, ISOLECTOTYPE

*Elymus* × *maltei* Bowden, *Can. J. Bot.* 42: 575. 1964  
CULTIVATED: artificial F1 hybrid grown in greenhouse, Brown Univ., Providence, R.I., U.S.A., *G.L. Church*, 21 July 1952, HOLOTYPE and ISOTYPE

*Elymus* × *maltei* Bowden nm. *brownei* Bowden, *Can. J. Bot.* 42: 578. 1964  
CULTIVATED: artificial F1 hybrid grown at Austin, Texas, U.S.A., *W.V. Brown 2800*, 1951, HOLOTYPE and ISOTYPES

*Elymus* × *maltei* Bowden nm. *churchii* Bowden, *Can. J. Bot.* 42: 577. 1964  
CULTIVATED: artificial F1, hybrid grown in greenhouse, Brown Univ., Providence, R.I., U.S.A., *G.L. Church*, 28 July 1952, HOLOTYPE

*Elymus* × *maltei* Bowden nm. *simulans* Bowden, *Can. J. Bot.* 42: 577. 1964  
CULTIVATED: artificial F1, hybrid grown at Brown University, *G.L. Church*, 28 July 1952, HOLOTYPE

*Elymus mollis* Trin. f. *simulans* Bowden, *Can. J. Bot.* 35: 970. 1957  
CANADA: British Columbia, Spanish Banks, *W.G. Dore 15062*, 3 June 1954, HOLOTYPE

*Elymus mollis* Trin. f. *scabrinervis* Bowden, *Can. J. Bot.* 35: 969-970. 1957

CANADA: Prince Edward Island, Prince Co., 3 miles NE of Alberton, *Erskine & Dore 1044*, 28 June 1952, HOLOTYPE (PLUS 2 ISOTYPES)

*Elymus mollis* Trin. var. *mollis* f. *simulans* Bowden

CANADA: British Columbia, above Spanish Banks Beach, Vancouver, *J.W. Eastham s.n.*, 20 July 1953, PARATYPE + TOPOTYPE

*Elymus pendulosus* Hodgson, *Rhod.* 58: 144. 1956

U.S.A.: Alaska, west shore Knik Arm, S of Fish Creek, *H.J. Hodgson 235*, 22 July 1955, PARATYPE

*Elymus* ×*uclueletensis* Bowden, *Can. J. Bot.* 42: 563-564. 1964

CANADA: British Columbia, Gold River, *Calder & MacKay 31712*, 22 July 1961, PARATYPE

*Elymus* ×*vancouverensis* Vasey nm. *crescentianus* Bowden

CANADA: British Columbia, Sidney, *H. Groh s.n.*, 30 Sept. 1930, PARATYPE; Crescent Beach, *Dore & Eastham 15067*, 4 June 1954, PARATYPE + HORTOTYPE

*Elymus* ×*vancouverensis* Vasey, *Bull. Torrey Bot. Club.* 15: 48. 1888

CANADA: British Columbia, Victoria, *J. Fletcher*, 24 July 1898, TOPOTYPE

*Elymus* ×*vancouverensis* Vasey nm. *californicus* Bowden, *Can. J. Bot.* 35: 975. 1957

U.S.A.: California, Marin Co., Stinson Beach (cult. at Univ. Calif., Berkeley), *G.L. Stebbins 3594*, 28 July 1953, HOLOTYPE

*Elymus* ×*vancouverensis* Vasey nm. *crescentianus* Bowden, *Can. J. Bot.* 35: 976. 1957

CANADA: British Columbia, Crescent Beach, *Dore & Eastham 15067*, 4 June 1954, HOLOTYPE

*Elymus virginicus* L. var. *jenkinsii* Bowden, *Can. J. Bot.* 42: 583. 1964

CANADA: Quebec, Gatineau Co., Wakefield, *L. Jenkins 7335*, 9 Sept. 1956, HOLOTYPE

*Embelia concinna* Baker, *J. Linn. Soc.* 20: 199-200. 1883

MADAGASCAR: *Baron 2785*, TOPOTYPE

*Empetrum nigrum* L. f. *genuinum* V.Vassil, *Fl. Ex. U.S.S.R.* 3442

U.S.S.R.: Pskov, prope opp. Pskov, *V. Andreev*, 23 Apr. 1097 fl.; 23 June 1907 fr., ISOTYPE

*Empetrum nigrum* L. var. *hermaphroditum* (Lange) Sverensen f. *cylindricum* Lepage, *Nat. can.* 82: 192. 1955

CANADA: Quebec, Piagochiwi R., *Dutilly et al. 32798*, 29 août 1954, ISOTYPE

*Encelia deltoidea* Rusby, *Desc. S. Am. Pl.* 154. 1920

COLOMBIA: Santa Marta, *H.H. Smith 594* 1898-1901, ? ISOTYPE

*Enceliopsis nudicaulis* (A. Gray) A. Nels. var. *corrugata* Cronquist, Bull. Torrey Bot. Club 99: 246. 1973 (1972)

U.S.A.: Nevada, Nye Co., 15 miles southeast of Lathrop Wells, *A. Cronquist 10648*, 20 Apr. 1966, ISOTYPE

*Enkianthus cernuus* Makino, Bot. Mag. Tokyo 8: 214

JAPAN: Nagasaki Pref., Mt. Unzen, *T. Makino*, 1934, ? TYPE - PUBLICATION NOT AVAILABLE

*Ephedra altissima* Desf. var. *algerica* Stapf, Denksch. K.K. Akad. Wissensch. 56(2). 1889

ALGERIA: Oran, à Santa-Cruz, *A. Faure*, 17 Jan. 1932, TOPOTYPE

*Ephedra coryi* Reed, Bull. Torrey Bot. Club 63: 351. 1936

U.S.A.: Texas, between Wellman and Meadow, *E.L. Reed 4354*, 29 July 1934, PARATYPE

*Epilobium angustifolium* L. ssp. *circumvagum* Mosquin, Brittonia 18(2): 169-172. 1966

CANADA: Alberta, Waterton Lakes National Park, *Mosquin & Mosquin 4733*, 16 July 1962, PARATYPE

*Epilobium franciscanum* Barbey, Bot. Calif. 1: 220. 1876

U.S.A.: California, San Francisco Co., Lands End, *L.S. Rose 63057*, 21 May 1963, TOPOTYPE

*Epilobium latifolium* L. f. *munzii* Lepage, Rhod. 55: 268. 1953

U.S.A.: Alaska, Mile 141 Glen Highway, *Dutilly et al. 21656*, 27 July 1947, ISOTYPE

*Epilobium nevadense* Munz., Bull. Torrey Bot. Club 56: 166. 1929

U.S.A.: Nevada, Clark Co., Charleston Mts., Kyle Canyon, *I.W. Clokey 7223*, 22 July 1936, TOPOTYPE

*Epilobium obscuro* × *parviflorum* F. Schultz, Publication unknown

EUROPE: Alsatia, in valle Schlaithal prope Weissenburg, *F. Schultz*, (Herb. Norm. Cent. 11, 1094), 23 Aug. 1862, ? TYPE COLLECTION MATERIAL

*Equisetum arvense* L. var. *agreste* Klinge f. *limophilum* Erdner, Fl. exsiccata Bavarica 1493

BARBARIA: zwischen Donauwörth und Neudeck, *E. Erdner*, 20 June 1912, 5 July 1912, ISOTYPE

*Equisetum arvense* L. var. *boreale* (Bong.) Rupr. f. *pseudomemorosum* Boivin, Can. Field-Nat. 65: 18. 1951

CANADA: Alberta, Banff Park, *B. Boivin 4853*, 21 juillet 1946, HOLOTYPE

*Equisetum arvense* L. f. *irriguum* Milde, Bot. Zeit 9: 847. 1851

GERMANY: Königsberg, *C. Baenitz*, TYPE COLLECTION MATERIAL

- Equisetum calderi* Boivin, Amer. Fern J. 50: 107. 1960  
CANADA: Franklin District, Baffin Island, Frobisher Bay, *Senn & Calder 3747*, 5 July 1948, HOLOTYPE
- Equisetum heleocharis* Ehrh. f. *sterilis* Dörfler, Herbarium Normale 5586  
HUNGARY: prope Rokusz, *J. Ullepitsch*, Aug. 1893, ISOTYPE (2 SHEETS)
- Equisetum sylvaticum* L. var. *pauciramosum* Milde f. *opsistachyum* Lepage, Nat. can. 78: 345. 1951  
CANADA: Québec, rivière Rogan, 54°15'N 77°44'W, *E. Lepage 12,759*, 21 août 1950, ISOTYPE
- Eragrostis intermedia* Hitchc., J. Wash. Acad. Sc. 23: 450. 1933  
U.S.A.: Texas, San Antonio, *A.S. Hitchcock* (Amer. Gr. Nat. Herb. 1072), 18-24 June 1910, TOPOTYPE and ? PARATPYE
- Eragrostis pusillus* Scribn. ex Beal, Grasses N. Amer. 2: 481. 1896  
MEXICO: Jalisco, near Guadalajara, *C.G. Pringle 11741*, 13 Oct. 1903, TOPOTYPE
- Eragrostis spectabilis* (Pursh) Steud. var. *sparsihirsuta* Farwell, Amer. Midl. Nat. 10: 306. 1927  
U.S.A.: Michigan, Oakland Co., Royal Oak, *O.A. Farwell 5586*, 12 Aug. 1920, TYPE COLLECTION MATERIAL
- Eragrostis swallenii* Hitchc., J. Wash. Acad. Sci. 23: 451. 1933  
U.S.A.: Texas, Sarita, *A.S. Hitchcock* (Amer. Gr. Nat. Herb. 1066), 27 June 1910, PARATYPE
- Erechtites megalocarpa* Fernald, Rhod. 19: 24-25. 1917  
U.S.A.: Massachusetts, Yarmouth, *Fernald & Butters* (Pl. ex. Gray 299), 14 Oct. 1916, TOPOTYPE
- Eremostachys impressa* Pazij & Vved., (Russian) 5: 327. 1961  
U.S.S.R.: Kasachstania, Tian-Schan Occidentalis, Popov & Vvedensky (Fl. ex USSR 6293), 23 Apr. 1926, TOPOTYPE
- Eria hainanensis* Rolfe, J. Linn. Soc. 36: 16. 1903  
CHINA: Hainan, Yaichow, SE of Poting, *H.Y. Lian 62426*, 27 Apr. 1933, TOPOTYPE
- Eriastrum brandegeae* H.L. Mason, Madrono 8: 88-89. 1945  
U.S.A.: California, Lake Co., Obsidian Ridge, southeast of Borax Lake, *H.L. Mason 12604*, 28 June 1945, ISOTYPE
- Erigeron alaskanus* Cronquist, Brittonia 6: 228. 1947  
U.S.A.: Alaska, Nome, Anvil Hill, *E. Lepage 23897*, 9 Aug. 1948, TOPOTYPE

*Erigeron arctophilus* Rech. f., Anz. Osterr. Akad. Wisc. Math.- Nat. 89: 258. 1951  
IRAN: Gorgan (Asterabad), montium Shahvar prope Hadjilang, *K.H. & F. Rechinger 6137*,  
26-27 July 1948, ISOTYPE

*Erigeron arthurii* Boivin

CANADA: British Columbia, Twin Cairn Peak about 12 miles southwest of Banff, *Calder & Holm 24067*, 29 July 1959, PARATYPE; Quiniscoe Lake, Ashnola Range southwest of Keremeos, *Calder et al. 19698A*, 3 Aug. 1963, PARATYPE; Lakit Mountain, 49°43'N 115°36'W, *Taylor & Ferguson 2819*, 15 July 1958 PARATYPE

*Erigeron arthurii* Boivin, Phytologia 23(1): 48. 1972

CANADA: British Columbia, below Twin Cairn Peak about 12 miles SW of Banff near Sunshine Ski Lodge, *Calder & Holm 24064*, 29 July 1959, HOLOTYPE

*Erigeron cinereus* A. Gray, Plantae Fendlerianae Novi-Mex. 68. 1849

U.S.A.: New Mexico, Santa Fe Canon, *A.A. & E.G. Heller 3712*, 16 June 1897, TOPOTYPE

*Erigeron curvifolius* Piper, Bull. Torrey Bot. Club 27: 396. 1900; DC. Prodr. 5: 327. 1836

U.S.A.: Washington, Grant Co., Sagebrush slopes N of Soap Lake in Grand Coulee, *J.W. Thompson 11490*, 18 May 1935, TOPOTYPE

*Erigeron flagellare* Gray, Pl. Fendl. 68. 1849

U.S.A.: New Mexico, Santa Fe Co., near Espanola, *A.A. & E.G. Heller 3549*, 17 May 1897, TOPOTYPE

*Erigeron frigidus* Boiss. ex DC., Prodr. 7(1): 274. 1838

SPAIN: Sierra Nevada, Baetica, *P. Font i Quer*, 12 Aug. 1923, TOPOTYPE

*Erigeron jonesii* Cronq., Brittonia 6: 166. 1947

U.S.A.: Nevada, White Pine Co., *A. Cronquist 11694*, 3 July 1980, TOPOTYPE

*Erigeron melanocephalus* Nelson, Bull. Torrey Bot. Club 26: 246- 247. 1899

U.S.A.: Wyoming, Albany Co., Medicine Bow Mountains near the La Plata mines, *A. Nelson 7882*, 3 Aug. 1900, TOPOTYPE

*Erigeron morrisonensis* Hayata, J. Coll. Sci. Tokyo 25: Art. 19, 126. 1908

TAIWAN: Mt. Morrison, *T.S. Liu*, 23 Aug. 1949, TOPOTYPE

*Erigeron oreganus* A. Gray, Proc. Am. Acad. 19:2. 1883

U.S.A.: Oregon, Multnomah Co., Columbia Gorge near Warrendale, *J.W. Thompson 11843*, 3 July 1935, TOPOTYPE

*Erigeron paucilobus* Urb., Fedde Repert. 21: 226. 1925

CUBA: Pinar del Rio Prov., *Bro. Alain A.1701*, 28 Dec. 1950, TOPOTYPE

*Erigeron pulcherrimus* Heller, Bull. Torrey Bot. Club 25: 200. 1898  
U.S.A.: New Mexico, 10 miles N of Santa Fe, *A.A. & E.G. Heller 3664*, 5 June 1897, ISOTYPE

*Erigeron purpuratus* Green var. *dilatatus* Boivin  
CANADA: Mackenzie, Mackenzie Mountains, Redstone River Region, 63 35'N 127 00'W, *Kvale & Haggard 224, 117*, 15 June & 5 July 1963, PARATYPE

*Erigeron purpuratus* Greene var. *dilatatus* Boivin, Phytologia 23(1): 50. 1972  
CANADA: District of Mackenzie, Redstone River Region, *Kvale & Haggard 131*, 4 July 1963, HOLOTYPE

*Erigeron scotteri* Boivin  
CANADA: Alberta, Jasper National Park, Maligne Lake, *G.W. Scotter 9776, 9801*, 8 Aug. 1968, PARATYPES; half way from Maligne Lake to Lorraine Lake, *L. Jenkins 7809*, 6 Aug. 1957, PARATYPE; Banff National Park, Lake Agnes above Lake Louise, *J.A. Calder 24031*, 27 July 1959, PARATYPE; British Columbia, Yoho Mts., *Bostock s.n.*, 26 July 1927, PARATYPE; Twin Cairn Peak, *Calder & Holm 24066B, 24067*, PARATYPE

*Erigeron scotteri* Boivin, Phytologia 23: 52. 1972  
CANADA: Alberta, Jasper National Park, Maligne Lake, *G.W. Scotter 9796A*, 8 Aug. 1968, HOLOTYPE

*Erigeron ursinus* Rech f., Osterr. Bot. Zeitschr. 97: 223. 1950  
IRAN: Gorgan (Asterabad), montium Shahvar prope Hadjilang, *K.H. & F. Rechinger 6137*, 26-27 July 1948, ISOTYPE

*Erigeron vagus* Payson, Univ. Wyoming Pub. Bot. 1: 179. 1926  
U.S.A.: Utah, San Juan Co., La Sal Mts., *Cronquist & Holmgren 9452*, 9 July 1961, TOPOTYPE

*Erigeron yukonensis* Rydb., Bull. N.Y. Bot. Gard. 2: 185. 1901  
CANADA: Yukon, Dawson, *Calder & Billard 3206*, 20 June 1949, TOPOTYPE

*Eriocarpum megacephalum* Nash, Bull. Torrey Bot. Club 23: 107-108. 1896  
U.S.A.: Florida, Manatee Co., south shore of Sneed's Island near mouth of Manatee River, *G.V. Nash 2432*, 21-23 Aug. 1895, ISOTYPE

*Eriocaulon echinulatum* Mart. var. *seticuspe* Ohwi, Publication unknown  
JAPAN: Kyushu, Pref. Miyazaki, Kawaminami mura, *T. Nomura 13011*, 7 Oct. 1956, TOPOTYPE

*Eriocaulon gracile* Mart. var. *puberulentum* Moldenke, Phytologia 4(2): 128. 1952  
NEW GUINEA: Papua, Lake Daviumbu, Middle Fly River, *L.J. Brass 7822*, Sept. 1936, ISOTYPE



*Eriocaulon mikawanum* Satake & Koyama, J. Jap. Bot. 30: 114-116. 1955  
JAPAN: Prov. Mikawa, Nagura-moor, *T. Koyama*, 17 Oct. 1955, TOPOTYPE

*Eriochloa filifolia* Hitchc., Contr. U.S. Nat. Herb. 12: 207-208. 1909  
CUBA: Lomas de la Jata, Guanabacoa, Habana, *Br. Leon* (Amer. Gr. Nat. Herb. 991), 19 June 1920, TOPOTYPE

*Eriochloa villosa* (Thbg.) Kth. f. *depauperata* Roshev., Herbarium Fl. U.R.S.S. 2953  
U.S.S.R.: Prov. Chabarovsk, opp. Chabarovsk, *N. Desoulavi*, 23 Aug. 1911, ISOTYPE

*Eriodictyon traskiae* Eastw., Proc. Cal. Acad. ser. 3. 1: 131. 1898  
U.S.A.: California, Los Angeles Co., Santa Catalina Island, *C.B. Wolf 4229*, 5 Oct. 1932, TOPOTYPE

*Eriodictyon trichocalyx* Heller, Muhlenbergia 1: 108-109. 1904  
U.S.A.: California, San Bernardino Co., Santa Ana River, just below Seven Oaks, *C.B. Wolf 8027*, 29 June 1936, TOPOTYPE

*Eriogonum ammophilum* Reveal, Phytologia 23: 163. 1972  
U.S.A.: Utah, Millard Co., 41 mi. NW of Milford, *Holmgren & Holmgren 4650*, 4 Aug. 1970, ISOTYPE

*Eriogonum ampullaceum* J.T. Howell, Leafl. West. Bot. 1: 179. 1935  
U.S.A.: California, Mono Co., *J.T. Howell 27405*, 27 July 1950, TOPOTYPE

*Eriogonum argophyllum* Reveal, Phytologia 23: 168. 1972  
U.S.A.: Nevada, Elko Co., Sulphur Hot Springs, *Holmgren & Kern 3661*, 7 July 1969, ISOTYPE

*Eriogonum beatleyae* Reveal, Aliso 7: 415. 1972  
U.S.A.: Nevada, Nye Co., 5 mi. NW of Warm Springs, *Holmgren & Holmgren 5241*, 27 June 1971, PARATYPE

*Eriogonum collinum* Stokes, Contr. West. Bot. 11: 15-16. 1903  
U.S.A.: Nevada, Washoe Co., Peavine Mountain near Reno, *J.T. Howell 38100*, 21 June 1962, TOPOTYPE

*Eriogonum compositum* Dougl., Edwards Bot. reg. 21: 1774. 1836  
U.S.A.: Washington, River Wallawallah, *D. Douglas*, 1826, TYPE COLLECTION MATERIAL

*Eriogonum concinnum* Reveal  
U.S.A.: Nevada, Nye County, 3.5 miles north of Tippihah Springs turnoff on Pahute Aesa Road, *J.L. Reveal 1140*, 4 June 1968, PARATYPE; side canyon west southwest of Pinyon Butte, *J.L. Reveal 1187*, 8 June 1968, PARATYPE; side canyon 1.3 miles up a canyon on the east side of Pahute Mesa Road, 1.5 miles south of Airport Road turnoff, *J.L. Reveal 1495*, 5 July 1968,

PARATYPE; Road 19-03, southwest of Scrugham Peak, *J.L.Reveal 1592*, 18 July 1968, PARATYPE; Road 19-03, southwest of Dead Horse Flat, Pahute Mesa, *J.L. Reveal 2044*, 4 Sept. 1968, PARATYPE; Las Vegas Bombing and Gunnery Range, Central Pahute Mesa, *J.L. Reveal 1664*, 27 July 1968, PARATYPE; 0.2 miles northwest of the junction of Thirsty Canyon and East Thirsty Canyon, *J.L. Reveal 2009*, 1 Sept. 1968, PARATYPE; ridge between East Thirsty Canyon and Thirsty Canyon, *Reveal & Beatley 1705, 1712*, 28 July 1968, PARATYPES

*Eriogonum correllii* Reveal

U.S.A.: Texas, Hardman County, 8 miles south of U.S. Highway 287 along Texas Highway 116 and a dirt road along the Medicine Mounds, *J.L. Reveal 883*, 24 Aug. 1967, PARATYPE

*Eriogonum concinnum* Reveal, Bull. Torrey Bot. Club 96: 476. 1969

U.S.A.: Nevada, Buckboard Mesa, *J.L. Reveal 1501*, 5 July 1968, ISOTYPE

*Eriogonum correllii* Reveal, Sida: 3: 198. 1968

U.S.A.: Texas, Armstrong Co., 15 mi. S of Claude, *Reveal & Davidse 878*, 23 Aug. 1967, ISOTYPE

*Eriogonum corymbosum* Benth. in DC. var. *davidsei* Reveal, Great Basin Nat. 27(4): 216. 1968

U.S.A.: Utah, Carbon Co., Wellington, *Reveal & Davidse 956*, 9 Sept. 1967, ISOTYPE

*Eriogonum corymbosum* Benth. ex DC. var. *erectum* Reveal & Brotherson, Great Basin Nat. 27(4): 213. 1968

U.S.A.: Utah, Wasatch Co., 33 mi. W of Duchesne, *Holmgren & Reveal 3022*, 16 Aug. 1966, ISOTYPE

*Eriogonum corymbosum* Benth. ex DC. var. *velutinum* Reveal, Great Basin Nat. 27(4): 224. 1968

U.S.A.: New Mexico, Socorro Co., nr. San Antonio, *Reveal & Davidse 919*, 5 Sept. 1967, ISOTYPE

*Eriogonum croceum* Small, Bull. Torrey Bot. Club 25: 43. 1898

U.S.A.: Idaho, Nez Perces Co., Forest, *A.A. & E.G. Heller 3414*, 14 July 1896, TYPE COLLECTION MATERIAL

*Eriogonum cronquistii* Reveal, Madrono 19: 289. 1968(1969)

U.S.A.: Utah, Garfield Co., Bull Mt., *Holmgren & Reveal 3010*, 14 Aug. 1966, ISOTYPE

*Eriogonum deflexum* Torr. var. *nevadense* Reveal, Phytologia 25: 206. 1973

U.S.A.: Nevada, Nye Co., E side of Grant Range, *Holmgren et al. 2214*, 19 July 1965, TOPOTYPE

*Eriogonum eastwoodianum* J.T. Howell, Leafl. West. Bot. 2: 133-134. 1938

U.S.A.: California, Fresno Co., Parkfield Grade, *E.C. Twisselmann 10788*, 10 May 1965, TOPOTYPE

- Eriogonum ephedroides* Reveal, Madrono 19: 295. 1968 (1969)  
U.S.A.: Utah, Uintah Co., 10 mi. S of Bonanza, *Holmgren et al. 2265*, 25 July 1965, ISOTYPE
- Eriogonum eremicola* Howell & Reveal, Leafl. West. Bot. 10: 174. 1965  
U.S.A.: Nevada, Inyo Co., Panamint Mts., Thorndike Camp, *Reveal & Holmgren 1787*, 15 Aug. 1968, TOPOTYPE
- Eriogonum eremicum* Reveal, Phytologia 23: 165. 1972  
U.S.A.: Utah, Millard Co., 17 mi. SE of Garrison, *Holmgren et al. 2247*, 23 July 1965, ISOTYPE
- Eriogonum esmeraldense* Wats. var. *toiyabense* Howell, Leafl. West. Bot. 6: 178. 1952  
U.S.A.: Nevada, Lander Co., Toiyabe Mts., *Howell & True 45462*, 17 Sept. 1968, TOPOTYPE
- Eriogonum flavum* Nutt. var. *aquilinum* Reveal, Ark. Bot. 7(1): 46. 1968  
U.S.A.: Alaska, Eagle Bluff, 64°48'N 141°12'W, *Batten & Dawe 78-251*, 14 July 1978, TOPOTYPE
- Eriogonum floridanum* Small, Fl. S.E. U.S.A. 367. 1903  
U.S.A.: Florida, Lake Co., Eustis, *G.V. Nash 704*, 1-15 May 1894, ISOTYPE
- Eriogonum heermannii* Dur. & Hilg. var. *clokeyi* Reveal, Phytologia 34(5): 437. 1976  
U.S.A.: Nevada, Clark Co., Charleston Mts., Lee Canyon, 7 mi. SW of U.S. 95 Turnoff, *Holmgren & Reveal 2990*, 10 Aug. 1966, ISOTYPE
- Eriogonum heracleoides* Nutt. var. *leucophaeum* Reveal, Phytologia 25: 200. 1973  
U.S.A.: Washington, Spokane Co., 10 mi. SW of Cheney, *Holmgren & Reveal 2730*, 19 June 1966, ISOTYPE
- Eriogonum holmgrenii* Reveal, Leafl. West. Bot. 10: 184. 1965  
U.S.A.: Nevada, White Pine Co., Humboldt National Forest, *Holmgren & Reveal 1576*, 10 Aug. 1964, ISOTYPE
- Eriogonum howellianum* Reveal, Phytologia 25: 204. 1973  
U.S.A.: Utah, Millard Co., 17 mi. SE of Garrison, *Holmgren et al. 2248*, 23 July 1965, ISOTYPE
- Eriogonum humivagans* Reveal, Madrono 19: 291-292. 1968 (1969)  
U.S.A.: Utah, Grand Co., head of Middle Canyon, *Holmgren et al. 2278*, 27 July 1965, ISOTYPE
- Eriogonum hylophilum* Reveal & Brotherson, Great Basin Nat. 27(4): 190. 1968  
U.S.A.: Utah, Duchesne Co., Gate Canyon, *Holmgren & Reveal 3017*, 15 Aug. 1966, ISOTYPE

*Eriogonum inflatum* Torr. & Frem. var. *contiguum* Reveal, *Aliso* 7: 221. 1970  
U.S.A.: Nevada, Nye Co., Ash Meadows, *J.L. Reveal 1433*, 30 June 1968, TOPOTYPE

*Eriogonum intermontanum* Reveal, *Madrono* 19: 293. 1968 (1969)  
U.S.A.: Utah, Grand Co., head of Middle Canyon, *Holmgren et al. 2278*, 27 July 1965,  
ISOTYPE

*Eriogonum jamesii* Benth. ex DC., *Prodr.* 14: 7. 1857  
U.S.A.: New Mexico, *A. Fendler 770*, 1847, TYPE COLLECTION MATERIAL

*Eriogonum jamesii* Benth. in DC. var. *neomexicanum* Gand., *Bull. Soc. Roy. Bot. Belgique* 42:  
190. 1906  
U.S.A.: New Mexico, Lincoln Co., White Mts., *E.O. Wootton 385*, 23 Aug. 1897, ISOTYPE

*Eriogonum lancifolium* Reveal & Brotherson, *Great Basin Nat.* 27(4): 187. 1968  
U.S.A.: Utah, Carbon Co., 5 mi. E of Wellington, *Reveal & Davidse 957*, 9 Sept. 1967,  
ISOTYPE

*Eriogonum latens* Jepson, *Fl. Calif.* 1: 427. 1913  
U.S.A.: California, Inyo Co., Wonoga Peak, *J.T. Howell 25381* 17 July 1949, TOPOTYPE

*Eriogonum lonchophyllum* Torr. & Gray, *Proc. Am. Acad.* 8: 173. 1873  
U.S.A.: Colorado, Archuleta Co., 0.5 mi. N of the Rio Blanco Bridge, *Reveal & Davidse 944*, 7  
Sept. 1967, TOPOTYPE

*Eriogonum microthecum* Nutt. var. *lapidicola* Reveal  
U.S.A.: Nye County, near head of North Silent Canyon, along road to Deadhorse Flat, Pahute Mesa,  
*J.L. Reveal 1528*, 12 July 1968, PARATYPE; Nye County, 2.5 miles north of Pahute Mesa Road  
on Plateau Road, *J.L. Reveal 1729*, 31 July 1968, PARATYPE; Nye County, along road 19-03, 0.7  
miles north of Pahute Mesa Road, Silent Canyon, *J.L. Reveal 2047*, 4 Sept. 1968, PARATYPE; Nye  
County, Pahute Mesa, Deadhorse Flat Road, 0.8 mile northeast of Pahute Mesa Road, *J.L. Reveal*  
*2022*, 3 Sept. 1968, PARATYPE

*Eriogonum microthecum* Nutt. var. *lapidicola* Reveal, *Brigham Young Univ. Sci. Bull. Biol.*  
13(1): 28-29. 1971  
U.S.A.: Nevada, Nye Co., Nevada Test Site, *Reveal & Holmgren 1926*, 25 Aug. 1968, ISOTYPE

*Eriogonum natum* Reveal  
U.S.A.: Utah, Millard County, along U.S. Highway 50-6, 59.2 miles east of Nevada State line and  
about 29.8 miles west of Delta, *J.L. Reveal 4000*, 30 Aug. 1975, PARATYPE

*Eriogonum natum* Reveal, *Great Basin Natur.* 35: 363-364. 1975  
U.S.A.: Utah, Millard Co., along U.S. Hwy. 50-6, 46.2 mi. E of Nevada State Line, *Reveal &*

*Reveal 3924*, 13 Aug. 1975, ISOTYPE

*Eriogonum niveum* Benth. var. *candelabrum* Gand., Bull. Soc. Roy. Bot. Belgique 42: 192. 1906  
U.S.A.: Oregon, Snake River, *W.C. Cusick 2128*, 1 Oct. 1898, ISOTYPE

*Eriogonum novonudum* Peck, Leafl. West. Bot. 4: 178. 1945  
U.S.A.: Oregon, Malheur Co., *M.E. Peck 25740*, 17 June 1949, TOPOTYPE

*Eriogonum nudum* Dougl. ex Benth. var. *paralinum* Reveal, Phytologia 66(3): 258. 1989  
U.S.A.: Oregon, Curry Co., U.S. Hwy. 101, 1.4 mi. S of Pistol- Carpenterville turnoff, *Reveal & Reveal 3961*, 16 Aug. 1975, ISOTYPE

*Eriogonum nutans* T. & G. var. *glabrum* Reveal, Madrono 18: 172. 1966  
U.S.A.: Nevada, Elko Co., Route 40, *Holmgren & Reveal 2754* 23 June 1966, TOPOTYPE

*Eriogonum orthocephalum* S. Wats. var. *alexandrae* Reveal, Great Basin Nat. 45: 276. 1985  
U.S.A.: Nevada, Pershing Co., Sahwave Mts. west of Copper Valley, *Tiehm & Tucker 7758*, 29 May 1983, PARATYPE

*Eriogonum ochrocephalum* S. Wats. var. *breedlovei* J.T. Howell, Leafl. West. Bot. 10-14. 1963  
U.S.A.: California, Kern Co., Piute Mt., 4.8 miles S of Saddle Springs, *E.C. Twisselmann 8908*, 30 Aug. 1963, TOPOTYPE

*Eriogonum ovalifolium* Nutt. var. *caelestinum* Reveal, Great Basin Natur. 32: 115. 1972  
U.S.A.: Nevada, Nye Co., Toyabe Mts., Mohawk, *Linsdale & Linsdale 316*, 20 June 1931, TOPOTYPE

*Eriogonum plumatella* Dur. & Hilg. var. *palmeri* T. & G., Proc. Am. Acad. 8: 180. 1870  
U.S.A.: Arizona, Mohave Co., *Holmgren & Holmgren 4654*, 5 Aug. 1970, TOPOTYPE

*Eriogonum reliquum* Stokes, Leafl. West. Bot. 2: 52. 1937  
U.S.A.: Nevada, Charleston Mts., Charleston Park, *I.W. Clokey 7491*, 9 Aug. 1937, ISOTYPE

*Eriogonum rupinum* Reveal  
U.S.A.: Nevada, Nye County, Cedar Pass area, south Kawich Range, *J. Beatley s.n.*, 14 Sept. 1969, TOPOTYPE

*Eriogonum rupinum* Reveal, Aliso 7: 226. 1970  
U.S.A.: Nevada, Lander Co., Kingston Creek Canyon, *Howell & True 45421*, 16 Sept. 1946, PARATYPE

*Eriogonum saurinum* Reveal, Great Basin Nat. 27(4): 196. 1968  
U.S.A.: Utah, Uintah Co., 10 mi. E of Vernal, *Holmgren & Reveal 3019*, 15 Aug. 1966, ISOTYPE

*Eriogonum scabrellum* Reveal

U.S.A.: Utah, Grand County, near Westwater, *J.L. Reveal 958*, 15 Oct. 1967, PARATYPE

*Eriogonum scabrellum* Reveal, *Ann. Mo. Bot. Gard.* 55: 74. 1968

U.S.A.: Utah, Grand Co., road to Westwater, *Reveal & Davidse 949*, 8 Sept. 1967, ISOTYPE

*Eriogonum smithii* Reveal, *Great Basin Nat.* 27(4): 202. 1968

U.S.A.: Utah, Emery Co., San Rafael Desert, *Holmgren & Reveal 3012*, 14 Aug. 1966, ISOTYPE

*Eriogonum sphaerocephalum* Dougl., *Trans. Linn. Soc. London* 17: 407. 1836

U.S.A.: Washington, Priests Rapids in the Columbia River, *D. Douglas*, 7 June 1826, ISOTYPE

*Eriogonum temblorense* Howell & Twisselman, *Leafl. West. Bot.* 10: 42. 1963

U.S.A.: California, Kern Co., Chico Martinez Canyon, *E.C. Twisselman 11111*, 4 July 1965, TOPOTYPE

*Eriogonum thompsonae* S. Wats. var. *albiflorum* Reveal, *Madrono* 19: 299. 1968 (1969)

U.S.A.: Washington Co., 3 mi. W of Virgin, *Holmgren & Reveal, 2991*, 11 Aug. 1966, ISOTYPE

*Eriogonum umbellatum* Torr. var. *argus* Reveal, *Phytologia* 66(3): 261. 1989

U.S.A.: California, Siskiyou Co., Mt. Eddy, *A.A. Heller 11742*, 28 Aug. 1914, PARATYPE

*Eriogonum umbellatum* Torr. var. *chlorothamnus* Reveal, *Munz, Suppl. A Calif. Flora.* 44. 1968

U.S.A.: California, Inyo Co., 4 mi. S of Tom's Place, *Holmgren & Reveal 2938*, 23 July 1966, ISOTYPE

*Eriogonum umbellatum* Torr. var. *furcosum* Reveal, *Great Basin Nat.* 45: 278-279. 1985

U.S.A.: California, El Dorado Co., Hwy. 89, 2.2 mi. S of Hwy. 50, *J.L. Reveal 3971*, 23 Aug. 1975, ISOTYPE

*Eriogonum umbellatum* Torr. ssp. *stellatum* (Benth.) Stokes var. *subaridum* Stokes, *Leafl. West. Bot.* 2: 53. 1937

U.S.A.: Nevada, Clark Co., Kyle Canyon, Charleston (Spring) Mt., *I.W. Clokey 7492*, 17 July 1937, ISOTYPE

*Eriogonum umbellatum* Torr. var. *verum* Reveal, *Great Basin Natur.* 28: 157. 1968

U.S.A.: Nevada, Nye Co., Buckboard Mesa, *J.L. Reveal 1139*, 4 June 1968, ISOTYPE

*Eriogonum viridulum* Reveal, *Utah Acad. Proc.* 42: 287. 1965

U.S.A.: Utah, Duchesne Co., 2.2 mi. W of Duchense, *Holmgren & Holmgren 4761*, 14 Aug. 1970, TOPOTYPE

*Eriophorum angustifolium* Honck. ssp. *scabriuscula* Hult., Sv. Bot. Tidskr. 30: 518. 1936  
U.S.A.: Alaska, Ketchikan, *F.W. Went 134*, 8 July 1934, ? TYPE COLLECTION MATERIAL

*Eriophorum callitrix* Cham. var. *moravium* Raymond, Bull. Soc. Bot. Fr. 98: 7. 1951  
CANADA: Manitoba, Fort Churchill, *W.G. Dore 10025*, 10 July 1949, ISOTYPE

*Eriophorum* x *fellowsii* (Fern.) Novosselova (*E. virginicum* x *E. viridi-carinatum* var. *fellowsii* Fern.) Bot. Zhurn. 29(12): 73-74. 1944  
U.S.A.: Maine, Peaks Island, Portland Harbor, *D.W. Fallows* (Pl. Ex Gray 145) 29 June 1902, TOPOTYPE

*Eriophorum* x *porsildii* Raymond, Svensk Bot. Tid. 45: 530. 1951  
CANADA: Ontario, Eastman's [Carlsbad] Springs, *J. Macoun 689*, 1 June 1905, PARATYPE

*Eriophorum viridi-carinatum* (Engelm.) Fernald var. *fellowsii* Fernald, Rhod. 7: 91. 1905  
U.S.A.: Maine, Peaks Island, Portland Harbor, *D.W. Fallows*, (Pl. ex Gray 145), 29 June 1902, TOPOTYPE (2 SHEETS)

*Eriophyllum staechadifolium* Lagasca, Gen. et Sp. Nov. 28. 1816  
U.S.A.: California, Monterey Co., Asilomar, *L.S. Rose 63148*, 8 June 1963, TOPOTYPE

*Eritrichium jamesii* Torrey, Marcy Rep. 294  
U.S.A.: New Mexico, Santa Fe, *Heller & Heller 3577*, 22 May 1897, TOPOTYPE

*Eritrichium jankae* Sink., Enum. Fl. Transs. 408. 1886  
ROMANIA: Transsilvania, montis Öcsémteteje supra pagum Balan, Mus. Bot. Cluj (Fl. Rom. ex. 667) 24 June 1924, TOPOTYPE

*Eritrichium sericum* (Lehm.) DC. ssp. *arctisibiricum* Petrovsky, Arkticheskaia Flora SSSR 8: 240. 1980  
U.S.S.R.: Prov. Magadan, regio Tschukotsky, dist. Schmitovsky, insula Wranglj, *V. Petrovsky* (Fl. ex. U.S.S.R. 6043), 1 Aug. 1970, TOPOTYPE

*Erodium* x *bolosii* A.M. Romo, Fl. Veg. Montsec (Pre-Pirineus Catalans) 177. 1989  
SPAIN: Serra de Lleres, sobre Esplugafreda, *A.M. Romo*, 24 May 1983, ISOTYPE

*Erodium corsicum* Leman in DC. Fl. Franc. 4: 842-843. 1805  
CORSICA: Environs de Bonifacia, *J. Stefani*, 7 May 1903, TOPOTYPE

*Erodium glauco-virens* M. Lojacono-Pojero Natural. Sicil. 1: 105. 1882  
ITALY: Sicily, prope Balestrate, *M. Lojacono*, April 1881, ISOTYPE

*Erthroxylum novocaledonicum* O.E. Schulz, Engl. Pflanzenreich, Erythrox. 140. 1907  
NEW CALEDONIA: baie de Trony, *Balarva 454*, TOPOTYPE

*Erucastrum canariense*, Webb & Berth., Phyt. Canar. i: 81. 1836  
CANARY ISLANDS: Nivaria, Buenavista, *E.R. Sventenius*, 14 Mar. 1948, TOPOTYPE

*Erycilbe elliptilimba* Merr. & Chun, Sunyatsenia 2: 45. 1934  
CHINA: Hainan, *H.Y. Liang 64856*, 17 Jan. 1934, ? TYPE - PUBLICATION NOT AVAILABLE

*Eryngium aromaticum* Baldw., Sketch 1: 344. 1817  
U.S.A.: Florida, austr. occ., *Rugel*, Sept. 1845, TOPOTYPE

*Eryngium dalmaticum* Teyber, Beitrag zur Flora Oesterreichs in Verhandl. der k.k. Zool.-Botan. Gesellschaft in Wien 40: 253. 1910  
AUSTRIA: Dalmatia, cirsa Makarska, *A. Teyber*, July 1912 & 1913, TOPOTYPE

*Erysimum altaicum* C.A.M. var. *baicalense* M. Pop., Fl. ex. U.S.S.R. 3820  
U.S.S.R.: Lac Baical, *Sabutite & Popova*, 24 Aug. 1952, ISOTYPE

*Erysimum ammophilum* Heller, Muhlenbergia 1: 51. 1904  
U.S.A.: California, Monterey Co., Seaside, *G.B. & R.P. Rossbach 805*, 27 Mar. 1938, TOPOTYPE

*Erysimum angustatum* Rydb., Bull. N.Y. Bot. Gard. 2(6): 171. 1901  
CANADA: Yukon Territory, west slope of Moosehide Mt., Dawson, *Calder & Billard 3435*, 1 July 1949, TOPOTYPE

*Erysium baumgartenianum* Schur, En. Pl. Trans. p. 56. 1866  
ROMANIA: Transsilvania, dist. Ciuc. montis Egyesko et Ocsem, 19 June 1911 (Fl. Rom. ex. 252a), TOPOTYPE

\$\$\$*Erysimum franciscanum* Rossbach, Aliso 4: 118-119. 1958  
U.S.A.: California, San Mateo Co., San Bruno Hills, *G.B. & R.P. Rossbach 806*, 3 Apr. 1938, PARATYPE

*Erysimum franciscanum* G.B. Rossbach  
U.S.A.: California, San Mateo County, San Bruno Hills, *Rossbach & Rossbach 806*, 3 Apr. 1938, PARATYPE

*Erysimum franciscanum* Rossbach var. *crassifolium* Rossbach, Aliso 4: 120. 1958  
U.S.A.: California, Santa Cruz Co., between Scott Creek and coast at Greyhound Rock, *G.B. & R.P. Rossbach 909a and 909b*, 22 Apr. and 11 June 1939, PARATYPE

*Erysimum pannonicum* Crantz, Stirp. Aust. fasc. 1: 30. 1762  
AUSTRIA: in montium catena ab confinibus Stiriae ad Danubium excurrente, *Richter* (Fl. ex. Aust.-Hung. 582). TOPOTYPE



*Erysimum suffrutescens* (Abrams) Rossbach var. *grandiflorum* Rossbach, *Aliso* 4: 122. 1958  
U.S.A.: California, Santa Barbara Co., Surf, *G.B. Rossbach 831*, 7 May 1938, ISOTYPE

*Erythraea barrelieri* Duf., *Bull. Soc. Bot. Fr.* 7: 351. 1860  
SPAIN: Catalonia, *Frère Sennen*, (*Dörfler Herb. Norm.* 5296) June 1909, TOPOTYPE

*Erythraea centaurium* Pers. var. *albiflora* Gavelle, Publication unknown  
FRANCE: entre Pégairolles et Soubès, *G. Gavelle*, 25 juin 1961, ? TYPE COLLECTION  
MATERIAL

*Erythronium helenae* Applegate  
U.S.A.: California, Napa County, volcanic crater region of Mount St. Helena, *E.I. Applegate 7031*,  
22 March 1932, TOPOTYPE + PARATYPE; near base of Mount St. Helena, *E.I. Applegate 6610*,  
23 March 1931, PARATYPE

*Erythronium helenae* Applegate, *Contrib. Dudley Herb.* 1: 188. 1933  
U.S.A.: California, Napa Co., Mount St. Helen, *E.L. Applegate 7037*, 4 April 1962, ISOTYPE

*Erythronium klamathense* Applegate  
U.S.A.: Oregon, Jackson County, Cascade Mountains, Keene Creek region, *E.I. Applegate 4359*,  
9 June 1925, PARATYPE; Jackson County, Cascade Mountains, near summit of Grizzly Peak, *E.I.*  
*Applegate 4647*, 19 May 1926, PARATYPE, Jackson County, Cascade Mountains, main ridge east  
of Snow Mountain, *E.I. Applegate 4360*, 9 June 1925, PARATYPE

*Erythronium klamathense* Applegate, *Contrib. Dudley Herb.* 1: 151. 1930.  
U.S.A.: Oregon, Jackson Co., Hyatt Prairie, *E.L. Applegate 4617*, 30 April 1926, PARATYPE

*Erythronium tuolumnese* Applegate, *Contrib. Dudley Herb.* 1: 153. 1930  
U.S.A.: California, Tuolumne Co., Italian Bar, *E.L. Applegate 7034*, 29 March 1932,  
TOPOTYPE

*Erythroxyllum densum* Rusby, *Descriptions of Three Hundred New Species of South American  
Plants*, p. 33. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 845* (1898-1901), ? ISOTYPE

*Erythroxyllum lineolatum* DC. var. *sanctae-martae* O. Schulz, *Repert. Spec. Nov. Regni Veg.* 30:  
180. 1932  
COLOMBIA: Santa Marta, *H.H. Smith 845*, 1898-1901, ? ISOTYPE

*Erythroxyllum havanense* Jacq., *Enum. Pl. Carib.* 21. 1760  
CUBA: Sardinero, *Bro. Clemente*, 1 Oct. 1949, TOPOTYPE

*Erythroxyton minutiflorum* Griseb., Cat. Pl. Cub. 41. 1866  
CUBA: Las Villas province, 10 km south of Santa Clara, *Howard et al.* 91, 5 July 1951 (Pl. Ex. Gray 1437), TOPOTYPE

*Eschscholtzia californica* Cham., Nees, Hor. Phys. Berol. 74. 1820  
U.S.A.: California, San Francisco, *P.H. Raven* 8966, 30 Mar. 1956, TOPOTYPE

*Eschscholtzia cucullata* Greene, Erythea 2: 120. 1894  
U.S.A.: California, Mendolino Co., one mile N of Fort Bragg, *A.A. Heller* 15325, 8 May 1937, TOPOTYPE

*Esenbeckia runyonii* Morton, J. Wash. Acad. Sc. 20: 136. 1930  
CULTIVATED: from seed from original tree on banks of Resaca near Brownsville, Texas, U.S.A., *R. Runyon* 2173, 5 May 1940, HORTOTYPE

*Espeletia schultesiana* Cuatr., Rev. Acad. Columbiana Cienc. 5:26- 27. 1942  
COLOMBIA: Comisaria del Putumayo, Paramo del Tambillo, northwest of the Valle de Sibundoy, *Schultes & Smith* 3096, 13-14 Dec. 1941, ISOTYPE

*Eucalyptus chapmaniana* Cameron, Vict. Nat. 64: 52-53. 1947  
AUSTRALIA: Victoria, Upper Kiewa Valley above Bogong, *N. Hall* 18688, 22 Apr. 1951, TYPE TREE

*Eucalyptus codonocarpa* Blakely & McKie, Proc. Linn. Soc. N.S. Wales 55: 589. 1930  
AUSTRALIA: New South Wales, Guyra District, Pleasant's Mountain near Blackwater, *McKie et al.*, 30 Oct. 1929, ISOTYPE

*Eucalyptus curtisii* Blakely & White, Proc. Roy. Soc. Queensland (1930) 42: 82-83. 1931  
AUSTRALIA: Plunkett, *C.T. White* 5592, 24 Feb. 1929, PARATYPE

*Eucalyptus diversicolor* Mueller, Fragm. 3: 131. 1863  
AUSTRALIA: SW, *Mueller*, ? TYPE COLLECTION MATERIAL

*Eucalyptus megacarpa* Mueller, Fragm. 2: 70. 1861  
AUSTRALIA: SW, *Mueller*, ? TYPE COLLECTION MATERIAL

*Eucephalus macounii* Greene, Pittonia 4: 70. 1890  
CANADA: British Columbia, cultivated from material gathered near Victoria, *S. & T. Armstrong*, Aug. 1974, TOPOTYPE

*Eugenia koolauensis* Degener, Fl. Hawaiiensis Fam. 273. 1932  
HAWAIIAN ISLANDS: Oahu, Koolau Range, *F. Rathburn*, 16 Apr. 1949, TOPOTYPE

*Eugenia koolauensis* Degener var. *glabra* Degener, Fl. Hawaiiensis Fam. 273. 1932  
HAWAIIAN ISLANDS: Oahu, *Degener & Carrol 20581*, 26 March 1950, TOPOTYPE

*Eugenia rhombea* Kr. & Urb., Bot. Jahrb. 19: 644-645. 1895  
U.S.A.: Florida, Key West, *Rugel 227*, Apr. 1846, PARATYPE

*Eugenia sandwicensis* A. Gray, Bot. U. St. Expl. Exped. 1: 519. 1854  
HAWAIIAN ISLANDS: Oahu, Waikane, Schofield Trail, *F. Rathburn*, 8 May 1949,  
TOPOTYPE

*Euonymus alatus* Sieb. f. *subtriflorus* Ohwi, Publication unknown  
JAPAN: Hondo, Koshigaya in Musashi, *J. Ohwi*, NSM. No. 211, 7 May 1951, ? TYPE  
COLLECTION MATERIAL

*Euonymus atropurpureus* Jacq. var. *cheatumi* Lundell, Contr. U. Mich. Herb. 6: 41. 1941  
U.S.A.: Michigan, Urbandale, *C.L. Lundell 12859*, 16 May 1944, TOPOTYPE

*Euonymus chibai* Makino, Bot. Mag. Tokyo 27: 69. 1913  
JAPAN: Nagasaki Pref., Isahaya City, *T. Makino*, 22 Aug. 1908, TYPE COLLECTION  
MATERIAL

*Euonymus cochinchinensis* Pierre, Fl. Fr. Cochinch. Fasc. 20, t. 311. 1894  
CAMBODIA: Samrong, in montibus Chérico, *L. Pierre 868*, 18 Mar. 1870, ? ISOTYPE

*Eupatorium anomalum* Nash, Bull. Torr. Bot. Club 23: 106. 1896  
U.S.A.: Florida, Jefferson Co., Lloyds, *G.V. Nash 2515*, 1 Sept. 1895, ISOTYPE

*Eupatorium chrysostictum* Robinson, Proc. Amer. Acad. 54: 240-241. 1918  
COLUMBIA: Santa Marta, *H.H. Smith 660*, 1898-1899, ? ISOTYPE

*Eupatorium corsicum* Req., Mem. Soc. Linn. Par. 6: 428. 1827  
CORSICA: Bastélica, *E. Reverchon 46*, 1878, TOPOTYPE

*Eupatorium dryophilum* Robins., Proc. Amer. Acad. 36: 478. 1901  
MEXICO: Jalisco, near Guadalajara, *C.G. Pringle 11519*, 13 Oct. 1903, TOPOTYPE

*Eupatorium erioclinium* Robinson, Proc. Amer. Acad. Arts 54: 243. 1918  
COLOMBIA: Santa Marta, *H.H. Smith 625*, 1898-1901, ? ISOTYPE

*Eupatorium iridolepis* Robinson, Proc. Amer. Acad. Arts 54: 247. 1918  
COLOMBIA: Santa Marta, *H.H. Smith 615*, 1898-1901, ? ISOTYPE

*Eupatorium lozanoanum* Robins., Proc. Amer. Acad. 41: 275. 1906  
MEXICO: Hidalgo, below Tinidad Iron Works, *C.G. Pringle 13552*, 21 Aug. 1905, TOPOTYPE

*Eupatorium maculatum* L. f. *tegulosum* Boivin, Sv. Bot. Tidskr. 53: 431. 1959  
CANADA: Manitoba, District de Provencher, Otterburne (Sainte- G enevi ve), *J.P. Bernard* 559,  
16 ao t 1954, HOLOTYPE

*Eupatorium magdalense* Robinson, Proc. Amer. Acad. Arts 54: 250. 1918  
COLOMBIA: Santa Marta, *H.H. Smith* 1993, 1898-1901, ? ISOTYPE

*Eupatorium psilodosum* Robinson, Proc. Amer. Acad. Arts 55: 27. 1919  
COLOMBIA: Santa Marta, *H.H. Smith* 621, 1898-1901, ? ISOTYPE

*Eupatorium saltillense* Robins., Proc. Amer. Acad. 43: 34. 1907  
MEXICO: Coahuila, near Saltillo, *C.G. Pringle* 10080, 5 Oct. 1905, ISOTYPE

*Eupatorium uromeres* Robinson, Proc. Amer. Acad. Arts 54: 260. 1918  
COLOMBIA: Santa Marta, *H.H. Smith* 505, 1898-1901

*Euphorbia aellenii* Rech. f., Anz.  sterr. Akad. Wiss. Math.-Nat. 89: 220. 1951  
IRAN: Khorasan, Montes Kopet-Dagh inter Kucan et jugum Alamli, *K.H. & F. Rechinger* 4725,  
3 June 1948, ? ISOTYPE

*Euphorbia aphylla* Brouss. in Willd. Enum. Hort. Berol. 501. 1809  
CANARY ISLANDS: Nivaria, Buenavista, *E.R. Soentenus*, 23 May 1944, TOPOTYPE

*Euphorbia arguta* Soland. var. *leiocarpa* Eig, Publication unknown  
PALESTINE: Between Tikwa and Herzlia, N of Tel-Aviv, *Eig et al.*, (Fl. Pal. Ex. 350), 21 Apr.  
1935, ? TYPE COLLECTION MATERIAL

*Euphorbia ariensis* HBK. var. *villicaulis* Fernald, Proc. Amer. Acad. 43: 62. 1907  
MEXICO: Michoacan, Coru Station, *C.G. Pringle* 10116, 29 Oct. 1905, ISOTYPE

*Euphorbia austriaca* Kerner, Fl. ex. Austro-Hung. 867; Oesterr. bot. Zeit. 25: 397. 1875  
AUSTRIA: montis Bodenwies in valle Unterlaussa, *Zimmerer*, ISOTYPE

*Euphorbia balsamifera* Ait., Hort. Kew. Ed. 1, 2: 137. 1789  
CANARY ISLANDS: Gran Canaria, Las Palmas, *E. Asplund*, 2 Mar. 1933, TOPOTYPE

*Euphorbia bourgaeana* J. Gay ex Boiss., DC. Prodr. 15. II 108. 1866  
CANARY ISLANDS: Tenerife, *E. Asplund*, 26 Apr. 1933, TOPOTYPE

*Euphorbia canariensis* L., Sp. Pl. 450. 1753  
CANARY ISLANDS: Tenerife, Santa Ursula, *E. Asplund*, 14 Mar. 1933, TOPOTYPE

*Euphorbia carniolica* Jacq., Fl. Austr. append. p. 34 t. 14. 1778  
AUSTRIA: Carniolia, *Paulin* (Fl. Ex. Aust.-Hung. 497), TOPOTYPE

- Euphorbia carunculata* Waterfall, Rhod. 50: 63-64. 1948  
U.S.A.: Oklahoma, Woods Co., Waynoka Dunes, *Goodman & Kelting 5329*, 17 Aug. 1950,  
TOPOTYPE
- Euphorbia chaliophila* Weatherby, Proc. Amer. Acad. 14: 426. 1910  
MEXICO: Jalisco, near Guadalajara, *C.G. Pringle 11846*, 12 Oct. 1903, ? TYPE -  
PUBLICATION NOT AVAILABLE
- Euphorbia chamaecaula* Weatherby, Proc. Amer. Acad. 14: 426. 1910  
MEXICO: Jalisco, near Guadalajara, *C.G. Pringle 11848*, 14 Oct. 1903, ISOTYPE
- Euphorbia chasmophila* Rech. f. & Aell., Anz. Österr. Akad. Wiss. Math.-Nat. 89: 219. 1951  
IRAN: Khorasan, montes Hazar Masdjid inter Ardak et Tolgor, *K.H. & F. Rechinger 4902*, 7-10  
June 1948, ISOTYPE
- Euphorbia chiogenoides* Rusby, Descriptions of Three Hundred New Species of South American  
Plants, p. 51. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 77* (1898-1901), ? ISOTYPE
- Euphorbia cordata* Meyen, Beiträge Bot. Reise Erde 2: 150. 1843  
HAWAIIAN ISLANDS: Oahu, *O. Degener 12904*, 15 Sept. 1940, TOPOTYPE
- Euphorbia decariana* L. Croizat, Nat. Hort. Mag. Jan. 1934: 98  
MADAGASCAR: prov. Fort Dauphin, *M. Decary 4502*, TOPOTYPE
- Euphorbia dobrogensis* Prodan, Consp. Fl. Dor. 2: 254. 1936  
ROMANIA: Dobrogea, *Cl. Horeanu*, 9 Sept. 1969 (Fl. Rom. Ex. 3451), TOPOTYPE
- Euphorbia fendleri* T.&G., Pacific Rail Rep. ii. 175. 1855  
U.S.A.: New Mexico, Santa Fe Co., Canoncito, *A.A. & E.G. Heller 3727*, 18 June 1897,  
TOPOTYPE
- Euphorbia forbesii* Sherff., Bot. Gaz. 97: 582. 1936  
HAWAIIAN ISLANDS: Oahu, *Degener et al. 20699*, 30 July 1950, TOPOTYPE
- Euphorbia gedroniaca* Rech. f., Aell. & Esf., Anz. Österr. Akad. Wiss. Math.-Nat. 88: 220-221.  
1951  
IRAN: Balucistan, inter Zahedan et Khash, *K.H. & F. Rechinger 4263*, 15 May 1948,  
PARATYPE
- Euphorbia guadalajarana* Wats., Proc. Amer. Acad. Arts & Sc. 22: 449. 1887  
MEXICO: near Guadalajara, *C.G. Pringle 8758*, 12 Oct. 1903, TOPOTYPE
- Euphorbia gypsicola* Rech. f. & Aell., Anz. Österr. Akad. Wiss., Math.-Nat. 89: 218-219. 1951

IRAN: Semnan, ad Sorkheh, *K.H. & F. Rechinger 2791*, 15 Apr. 1948, ISOTYPE

*Euphorbia hillebrandii* Lévl., Feddes Repert. 10: 151. 1911

HAWAIIAN ISLANDS: Oahu, *Degener et al. 10540*, 19 Apr. 1936, TOPOTYPE

*Euphorbia hookeri* Steud., Nomencl. Bot. Ed. II(1): 612. 1840

HAWAIIAN ISLANDS: Oahu, *Degener & Hatheway 21182*, 19 Dec. 1950, TOPOTYPE

*Euphorbia hooveri* Wheeler, Proc. Biol. Soc. Wash. 53: 9. 1940

U.S.A.: California, Tulare Co., Yetter, *R.F. Hoover 2583*, 30 June 1937, ISOTYPE

*Euphorbia karoii* Freyn, Bot Zeitschr. 58-59. 1896

U.S.S.R.: Dahuricae, bei Nertschinsk, *F. Karo*, 1889, (F. Karo Plantae Dahuricae No. 8), ISOTYPE

*Euphorbia kernerii* Huter in Fl. ex. Aust.-Hung. 3: 503. 1882

AUSTRIA: Tirolia meridionali-orientalis, Ampezzo. *Huter*, ISOTYPE

*Euphorbia montereyana* Millspaugh, Bull. Torrey Bot. Club 16: 66. 1889

MEXICO: Neuvo Leon, Sierra Madre near Monterey, *C.G. Pringle 11849*, 17 Aug. 1903, TOPOTYPE

*Euphorbia nicaeensis* All. var. *cornuta* Faure & Maire, Publication unknown

ALGERIA: Terny, à Ain-Goraba, *A. Faure*, 11 Aug. 1932, ? TYPE COLLECTION MATERIAL

*Euphorbia obtusifolia* Poir., Encycl. Suppl. II. 609. 1811

CANARY ISLANDS: Nivaria, Garachico, *E.R. Sventenius* (Fl. Sel. Can. 21), 27 Mar. 1944, TOPOTYPE

*Euphorbia olowaluana* Sherff var. *gracilis* (Rock) Sherff f. *polycephala* Sherff, Publication unknown

HAWAIIAN ISLANDS: Mauna Kea, north of Pohakuloa, *Degener et al. 19784*, 18 Aug. 1949, TOPOTYPE

*Euphorbia pannonica* Host, Fl. Austr. 2: 566. 1831

HUNGARY: Montis Adlersberg ad Budam, *Steinitz*, (Fl. ex. Austro- Hung. 500), TOPOTYPE

*Euphorbia pterococca* Brot., Fl. Lusit. 2: 312. 1804

SPAIN: Coimbra, *W. & M. Rothmaler*, 3 May 1936, TOPOTYPE

*Euphorbia regis-jubae* Webb & Berth., Phyt. Canar. 3: 250. 1844

CANARY ISLANDS: Santa Ursule, La Quinta, *E. Asplund 861*, 19 Apr. 1933, TOPOTYPE

*Euphorbia sanmartensis* Rusby, Descriptions of Three Hundred New Species of South American

Plants, pp. 50-51. 1920

COLOMBIA: Santa Marta, *H.H. Smith 1919* (1898-1901), ? ISOTYPE

*Euphorbia saxatilis* Jacq., *Fl. Austr.* 4: 23. 1776

AUSTRIA: circa Baden, Pernitz, Gutenstein, *Richter* (*Fl. ex. Aust.-Hung.* 502), TOPOTYPE

*Euphorbia stricta* L. var. *transiens* F. Gérard, *Cat. Cam.* 3570- var.

FRANCE: Côte-d'Or, Messigny à Jouvence, *F. Gérard*, 24 juin, 1 juillet 1912, ? TYPE -  
PUBLICATION NOT AVAILABLE

*Euphorbia subtrifoliata* Rusby, *Descriptions of Three Hundred New Species of South American Plants*, pp. 51-52. 1920

COLOMBIA: Santa Marta, *H.H. Smith 359* (1898-1901), ? ISOTYPE

*Euphorbia tommasiniana* Bertolini, *Fl. Ital.* 5: 78-79. 1842

HUNGARY: Tergestino, *Marchesetti* (*Fl. Ex. Aust-Hung.* 507), TOPOTYPE

*Euphorbia villifera* Scheele, *Linnaea* 22: 153-154. 1849

GERMANY: Neubraunfels, *C. Wright 1850*, TOPOTYPE

*Euphrasia baltica* Hyl. & Nannf., Publication unknown

SWEDEN: Helsingland, Idenor parish, Saltvik, *T. Vestergren*, 17 July 1926, ? TYPE  
COLLECTION MATERIAL

*Euphrasia christii* Favrat in Gremler, *Neue Beitr.* 4: 27. 1887

SWITZERLAND: Tessin, *G. Müller*, (*Dörfler Herb. Norm.* 4917), Aug. 1908, TOPOTYPE

*Euphrasia disjuncta* Fern. & Wieg. var. *dolosa* Boivin

U.S.A.: Alaska, Eagle River, near Juneau, *J.P. Anderson 6376*, 26 July 1940, PARATYPE

*Euphrasia disjuncta* Fernald & Wiegand var. *dolosa* Boivin, *Nat. can.* 75: 217. 1948

CANADA: Alberta, Banff National Park, Mont Beehive, *B. Boivin 4815*, 20 juillet 1946,  
HOLOTYPE

*Euphrasia hachijoensis* Nakai, Publication unknown

JAPAN: Honshu, Mt. Hachijo-fuji, in ins. Hachijo in Izu prov., *J. Yokoyama 1133*, 23 Sept.  
1954, ? TYPE COLLECTION MATERIAL

*Euphrasia hudsoniana* Fern. & Wieg. var. *contracta* Sell & Yeo, *Feddes Repert.* 64: 202. 1962

CANADA: Manitoba, Churchill, *J.M. Gillett 2656*, 20 Aug. 1948, TOPOTYPE

*Euphrasia iinumae* Takeda, Publication unknown

JAPAN: Honshu, Mt. Ibuki-yama, in Oh-mi, *M. Togasi 1514*, 16 Sept. 1956, ? TYPE  
COLLECTION MATERIAL

- Euphrasia marshallii* Pugsley, Jour. Bot. London 67: 224. 1929  
GREAT BRITAIN: Sutherland, Melvich, *G. Taylor*, 21 July 1931, TOPOTYPE
- Euphrasia oakesii* Wettstein, Monog. d. Gatt. Euphrasia. 142. 1896  
U.S.A.: New Hampshire, White Mts., head of Oakes Gulf, *Williams & Robinson*, 4 Aug. 1901  
(Pl. Ex. Gray 61), TOPOTYPE
- Euphrasia pectinata* Tenore, Fl. Nap. Prod. 36. 1811  
ITALY: Aprutii, *Rigo* (Dörfler Herb. Norm. 4574), July 1899, TOPOTYPE
- Euphrasia pulchella* A. Kerner, Fl. Aust. Hung. Ex. 1: 48  
EUROPE: Tirolia central, Trins in valle Gochitz, *Schafferer*, 20 Aug. 1890, TOPOTYPE
- Euphrasia randii* Robinson var. *farlowii* Robinson, Rhod. 3: 274. 1901  
U.S.A.: Maine, Eastport, *Fernald & Wiegand*, 16 Aug. 1909 (Pl. Ex. Gray 271), TOPOTYPE
- Euphrasia taurica* Ganeschin in Spisok, Rast. Herb. Fl. URSS 11: 151-152. 1949  
U.S.S.R.: Tauria, jaila Ai-Petri, locis lapidosis prope rupem Schischko, *J. Schiraevski*, 26 Aug. 1910, ISOTYPE
- Euphrasia* ×*vestita* Callen, Jour. Bot. London 78: 215. 1940  
CANADA: Quebec, Gaspé Co., Douglastown, *F.W. Pennell 24915*, 20 Aug. 1939, ISOTYPE
- Euphrasia vinacea* Sell & Yeo, Feddes Repert. 64: 203. 1962  
CANADA: Manitoba, Churchill, *J.M. Gillett 2404*, 4 Aug. 1948, ISOTYPE
- Euphrasia williamsii* Robinson, Rhod. 3: 272-273. 1901  
U.S.A.: New Hampshire, Mt. Washington, "Alpine Garden", *Williams & Robinson*, 5 Aug. 1901  
(Pl. Ex. Gray 60), ISOTYPE
- Eurya sandwicensis* A. Gray, Bot. U. St. Expl. Exped. 1: 209-210. 1854  
HAWAIIAN ISLANDS: Hawaii, upper Kulani Prison Road, Hilo District, *S. Carlquist 2031*, 22 July 1966, TOPOTYPE
- Eustoma russellianum* Griseb. f. *fisheri* Standley, Rhod. 34: 176. 1932  
U.S.A.: Texas, Evergreen, *G.L. Fisher*, 20 June 1931, ISOTYPE
- Euthamia floribunda* Greene, Pittonia 5: 74. 1902  
U.S.A.: New Jersey, Cape May Co., Reed's Beach Road south of Cold Spring, *G.A. Loughridge 2519*, 5 Sept. 1937, TOPOTYPE
- Eutrema arenicola* Richards. in Hook., Fl. Bor.-Am. 1: 67. 1830  
CANADA: District of Mackenzie, near Bathurst Inlet Lodge, 66°51'N 108°02'W, *Scotter & Zoltai 31597*, 29 July 1979, TOPOTYPE



*Eutrema edwardsii* R.Br., Chloris Melvillianiana 9-10. 1824  
CANADA: Dist. of Franklin, Melville Is., Bailey Pt., *G. Parker 18C*, 15 July 1974, TOPOTYPE

*Eutrema penlandii* Rollins, Contr. Gray Herb. 171: 91-92. 1950  
U.S.A.: Colorado, Park Co., Hoosier Pass, *Hulten & Weber 11041*, 10 July 1959, TOPOTYPE

*Evodia cucullata* Gillespie, Bull. Bishop Mus. Honolulu 91: 10. 1932  
FIJI: *Degener & Despeissis 14194*, 22 Jan 1941, TOPOTYPE

*Evolvulus oreophilus* Greene, Leafl. Bot. Observ. 1: 151. 1905  
U.S.A.: New Mexico, Sierra Co., 1 mile W of Hillsboro, *O.B. Metcalfe 1228*, 16 Aug. 1904, ISOTYPE

*Exocarpus sandvicensis* Baill., Adansonia 3: 109. 1862-63  
HAWAIIAN ISLANDS: Lanai, *Degener & Murashige 20,318*, 4 Aug. 1949, TOPOTYPE

*Fagara dipetala* (Mann) Engl. var. *geminicarpa* Rock, Publication unknown  
HAWAIIAN ISLANDS: Puauulu, *J.F. Rock 10208*, July 1911, ISOTYPE

*Fagelia nevadensis* Pennell, Proc. Acad. Phil. 72: 76-77. 1920  
COLOMBIA: Sierra Nevada de Santa Marta, Magdalena, *H.H. Smith 1404*, 15 Dec. 1898-1901, ? ISOTYPE

*Fagus cunninghamii* Hook., Journ. Bot. 2: 152, t.7. 1850  
AUSTRALIA: *R. Brown*, 1802-5, TOPOTYPE

*Fagus grandifolia* Ehrh. f. *mollis* Fern. & Rehd., Rhod. 9: 114. 1907  
U.S.A.: Florida, Leon Co., Tallahassee, *G.V. Nash 2339*, 7-9 Aug. 1895, ISOTYPE

*Fagus taurica* Poplawska, Mat. Krymsk. Zapovedn. str. p. 84. 1925  
U.S.S.R.: Tauria, Alushta, *H. Poplawska* (Fl. ex. U.S.S.R. 3385), 7 May 1926, TOPOTYPE

*Faramea cestroides* Standl., Pub. Field Mus. Nat. Hist. Chicago 7: 70. 1930  
COLOMBIA: Santa Marta, *H.H. Smith 1820*, 1898-1901, TOPOTYPE

*Ferdinandea angustata* C. Wright ex Griseb., Cat. Pl. Cub. 127. 1866  
CUBA: Santa Clara Province, 10 km west of Santa Clara, *Howard & Sturrock 5096*, 15 June 1941, ? TYPE - PUBLICATION NOT AVAILABLE

*Ferula litwinowiana* K.-Pol., Shed. Herb. Fl. Ross. 8: 111. 1922  
U.S.S.R.: Transcaspia, distr. Merw, *N.V. Androsov* (Herb. Fl. Ross. 2617), 16 Apr. 1903 & 20 May 1911, ISOTYPE

*Ferulago serpentinea* Rech. f., Engl. Bot. Jahrb. 80: 367. 1961

GREECE: Euboea, *K.H. Rechinger 19257*, 28 June 1958, ISOTYPE

*Festuca amethystina* L. ssp. *orientalis* Krajina, Acta Bot. Bohem. 9: 211-215. 1930  
CZECHOSLOVAKIA: Rossia Subcarpatica, Svidovec, *Domin & Deyl* (Fl. Cechoslovenica ex. 127), 11 Aug. 1929, ISOTYPE

*Festuca* × *aschersoniana* Dörfler, Herb. Norm. No. 5380. 1911  
SWEDEN: Scania ad "Bjerred," *O.R. Holmberg*, July 1909, June 1910, TYPE COLLECTION MATERIAL

*Festuca brachyphylla* Schultes in Schultes & Schultes fil., Mantissa 3: 646. 1827  
CANADA: District of Franklin, Melville Island, *Mosquin & Martin 6411*, 20 July 1965, TOPOTYPE

*Festuca brevissima* Jurtz., Bot. Zhur. 57: 645. 1972  
U.S.S.R.: Prov. Magadan, regio Tschukotsky, montes Anadyrsk, in vicin. lacus Eljgygytgyn, *Korobkov & Jurtsev* (Fl. ex. U.S.S.R. 6154), 20 July 1968, ISOTYPE

*Festuca canadensis* Alexeev, Byul. Mosk. obsh. ispyt. prir. Otdel biol. 88(5) 103-104. 1983  
CANADA: Ontario, Simcoe Co., sur les dunes de la Baie Georgienne, *Marie-Victorin et al. 46144*, 12 juillet 1936, ISOTYPE

*Festuca carpatica* Dietrich f. *elatior* Krajina, Acta Bot. Bohemica 9: 219. 1930  
CZECHOSLOVAKIA: Slovakia septentrionalis, montes Bielské Tatry, *Domin & Krajina* (Fl. Cech. ex. 129), ISOTYPE

*Festuca declina* S.J. Darbyshire  
MEXICO: Chihuahua, Mpio. Guadalupe y Calvo, NW side of Cerro Mohinora about 13 miles SW of Guadalupe, *McDonald & Nesom 2475, 2489*, 21 Aug. 1988, PARATYPE

*Festuca diclina* S.J. Darbyshire, Novon 5: 129-132. 1995  
MEXICO: Chihuahua, Mpio. Guadalupe y Calvo, Cerro de Mohinora, *McDonald & Martinez 2392*, 27 Aug. 1987, HOLOTYPE

*Festuca duriuscula* L. var. *longifolia* Krajina, Acta Bot. Bohemica 9: 194. 1930  
CZECHOSLOVAKIA: Slovakia austro-occidentalis prope Bratislava, *Domin et al.* (Fl. Cech. ex. 118), 16 June 1929, TYPE COLLECTION MATERIAL

*Festuca edlundiae* Aiken et al., Syst. Bot. 20(3): 381-384. 1995  
CANADA: District of Franklin, Bathurst Island, Polar Bear Pass, 75°12'N 98°23'W, *S.G. Aiken 3949*, 11 Aug. 1985, ISOTYPE

*Festuca gigantea* Vill. var. *triflora* Koch f. *glaucescens* Podpera, Fl. Ex. Rep. Boh. Slov. 539  
MORAVIA ORIENT: Carpathi m., *G. Rican*, 30 July 1928 (fl.) 20 Aug. 1928 (fr.), ISOTYPE

*Festuca* ×*gigas* Holmberg f. *subarundinacea* Holmberg, Dörfler Herbarium Normale 5377  
SWEDEN: Scania "Lund", O.R. Holmberg, Aug. 1909 and July 1910, ISOTYPE

*Festuca granatensis* Boiss., Elenchus 93. 1838  
SPAIN: Regn. Granat, Herb. Boissier, July 1837, TYPE COLLECTION MATERIAL

*Festuca* ×*holmbergii* Dörfler, Herbarium Normale 5379  
SWEDEN: Scania prope "Limhamn", O.R. Holmberg, Aug. 1909 and July 1910, ISOTYPE

*Festuca hyperborea* K. Holmen, Medd. om Groenl. 124: 120. 1957  
GREENLAND: Heilprin Land, K. Holmen 8150, 4 Aug. 1950, TYPE COLLECTION MATERIAL

*Festuca obtusa* Biehler f. *pilosifolia* Dore, Nat. can. 103: 560. 1976 (1977)  
CANADA: Ontario, Kent Co., New Fairfield, Maycock & Maryniak 6437, 11 June 1960, HOLOTYPE

*Festuca ovina* L. ssp. *beckeri* Hack., Monogr. Festuc. Europ.: 100. 1882  
U.S.S.R.: Rossia austro-orient., ad Wolgam inferiorem, Sareptam, H. Kurtsckenko 68, 28 May 1969, TOPOTYPE

*Festuca ovina calligera* Piper, Contr. U.S. Nat. Herb. 10: 27. 1906  
U.S.A.: Arizona, San Francisco Mts., vic. Flagstaff, A.S. Hitchcock, 8 Aug. 1915, TOPOTYPE

*Festuca ovina* L. var. *firmula* Hackel f. *vulgaris* Krajina, Acta Bot. Boh. 9: 186, 189. 1930  
CZECHOSLOVAKIA: Bohemia centralis, ad Vsetaty, Deyl et al. (Fl. Chechoslovenica ex. 117), 31 May 1929, ISOTYPE

*Festuca ovina* L. ssp. *pseudogenuina*, Krajina subvar. *sillingeri* Krajina, Acta Bot. Boh. 9: 184-188. 1930  
CZECHOSLOVAKIA: Slovakia austro-orientalis, Domin et al. (Fl. Cechoslovenica ex. 116), 19 June 1929, ISOTYPE

*Festuca probatoviae* E. Alexeev, Bull. Moscow Soc. Nat. Explor. 87, 5: 102. 1982  
U.S.S.R.: Mt. Chekhov, E. Alexeev 683, 24 June 1966, ISOTYPE

*Festuca psammophila* Hackel f. *subhirtella* Krajina, Acta. Bot. Bohemica 9: 198. 1930  
CZECHOSLOVAKIA: Bohemia centralis, ad Bechlin prope Roudnice, Deyl et al. (Fl. Cech. ex. 119), 26 June 1929, TYPE COLLECTION MATERIAL

*Festuca pseudodalmatica* Krajina apud Domin, Acta Bot. Bohemica 8: 61. 1929; 9: 206. 1930  
CZECHOSLOVAKIA: Slovakia australis, montibus Kovacovske, Domin & Krajina (Fl. Cech. ex. 126), ISOTYPE

*Festuca rubra* L. ssp. *aucta* (Kreez. & Bobr.) Hultén f. *pseudovivipara* Pavlick, Phytologia 57: 5. 1985

CANADA: British Columbia, Moresby Island, Mt. Moresby, *Calder & Taylor 36418*, 31 July 1964, PARATYPE

*Festuca supina* Schur. f. *brachyphylla* Degen, Gram. Hung. 169

HUNGARY: montis Bucsecs loco "La Strunga", *A. de Degen*, 26 July 1902, ISOTYPE

*Festuca wagneri* J. Wagner, Gram. Hung. 173

HUNGARY: Temes, prope pagum Deliblat, *J. Wagner*, 21 June 1904, ISOTYPE

*Ficus subrotundifolia* Greenm., Proc. Amer. Acad. 41: 237. 1905

MEXICO: Jalisco, Guadalajara, *C.G. Pringle 11850*, 28 Sept. 1903, TYPE COLLECTION MATERIAL

*Filix* × *dowellii* Farw., Pap. Mich. Acad. Sci. 2: 14. 1923

U.S.A.: New Jersey, Lake Macopin, *P. Dowell 5069*, 27 July 1907, PARATYPE and TOPOTYPE

*Fimbristylis* × *ito-itaruana* T. Koyama, Journ. Jap. Bot. 30: 130. 1955

JAPAN: Kadzusa, Torami, about 1 km NW of station, *I. Ito 6291*, 1 Oct. 1954, ISOTYPE

*Fimbristylis spathacea* Roth. var. *depauperata* T. Koyama, J. Jap. Bot. 30(5): 1. 1955

JAPAN: Honshu, Pref. Chiba, Ichinomiya coast, *T. Koyama 11120*, 11 Sept. 1954, ISOTYPE

*Flindersia heterophylla* Merrill & Perry, J. Arn. Arb. 20: 331- 332. 1939

NEW GUINEA: Western Division, Wassi Kussa River, Tarara, *L.J. Brass 8495*, Dec. 1936, ISOTYPE

*Forsythiopsis minor* R. Benoist, Bull. Soc. Bot. France 76: 1033. 1929 (1930)

MADAGASCAR: Hte Vallée du Manambolo, *M. Decary 9381*, 24 Nov. 1931, TOPOTYPE

*Fragaria bractesta* Heller, Bull. Torrey Bot. Club 25: 194. 1898

U.S.A.: New Mexico, 4 miles east of Santa Fe, *A.A. & E.G. Heller 3615*, 29 May 1897, ISOTYPE

*Fragaria chiloensis* (L.) Duch. ssp. *pacifica* Staudt, Can. J. Bot. 40: 883. 1962

U.S.A.: Washington, Jefferson Co., Ruby Beach, Olympic National Park, *Staudt & Taylor 88*, 30 July 1959, HOLOTYPE

*Fragaria chiloensis* (L.) Duch. f. *patagonica* Staudt, Can. J. Bot. 40: 883. 1962

ARGENTINA: Prov. Neuquén, Parc Nac., Nahuel Huapi, Quetrichué, *J. Diem 2940*, 29 Nov. 1960, HOLOTYPE

- Fragaria iturupensis* Staudt, Willdenowia 7: 102. 1973  
 CULTIVATED: Germany, Siebeldingen, Pfalz, from Insel Iturup, südliche Kurilen, U.S.S.R., G. Staudt, 3 May 1971 (flowers), 7 June 1971 (fruit), ISOTYPE
- Fragaria nipponica* Makino, Bot. Mag. Tokyo 26: 282-285. 1912  
 JAPAN: Tochigi Pref., Nikko City, T. Makino 36791, July 1924, TOPOTYPE
- Fragaria rubens* Crantz, Stirp. Austr. fasc. 2: 75. 1769  
 AUSTRIA: in collibus ad St. Veit, Heimerl (Fl. ex. Austro-Hung. 838), TOPOTYPE
- Fragaria sandwicensis* Decaisne, Jardin Fruitier 9: 49. 1862-75  
 HAWAIIAN ISLANDS: northwest of Papaloa, Capt. Cook, Kona, Degener & Murashige 20328, 15 Aug. 1949, TOPOTYPE
- Fragaria vesca* L. var. *americana* Porter f. *landonii* Boivin, Nat. can. 93: 432. 1966  
 CANADA: Ontario, Norfolk Co., Woodhouse Twp., Conc 4, Lot 3, M. Landon s.n., 10 July 1953, HOLOTYPE
- Fraxinus biltmoreana* Beadle in Coult., Bot. Gaz. 25: 358. 1898  
 U.S.A.: North Carolina, Biltmore, Biltmore Herbarium 4049a, 2 Oct. 1897, ISOTYPE
- Fraxinus pensylvanica* Marsh. var. *austinii* Fern. f. *colorata* Boivin, Nat. can. 93: 433. 1966  
 CANADA: Nova Scotia, Grand Lake, Robertson Pt., E.E. Smith et al. 15865, 8 July 1957, HOLOTYPE
- Fremontia californica* Torr., Pl. Fremontiana 6 pl. 2. 1850  
 U.S.A.: California, Tehama Co., Payne's Creek, A.A. Heller 15350, 26 Apr. 1936, TOPOTYPE
- Freyera euboica* Rech. f. Anz. Österr. Akad. Wiss., Math.-Nat. 93: 98. 1956  
 GREECE: Insula Euboea, Montes Kandili, K.H. Rechinger 16770, 30 May 1955, ISOTYPE
- Fuchsia jimenezii* Breedlove & Raven, Ann. Missouri Bot. Gard. 69(1): 221. 1982  
 COSTA RICA: Punta Arenas, Monteverde, T.C. Emmel, 23 June 1967, ISOTYPE
- Fuchsia microphylla* HBA. ssp. *quercetorum* Breedlove, Univ. Calif. Pub. Bot. 53: 43. 1969  
 MEXICO: Chiapas, along trail from Tenejapa Center to Colonia San Antonio, D.E. Breedlove 7022, 8 Aug. 1964, PARATYPE
- Fuchsia microphylla* H.B.&K. ssp. *quercetorum* Breedlove  
 MEXICO: Chiapas, near the boundary of Zinacatan and Chamula on the road to Zinacatan Center, D.E. Breedlove 7064, 4 Aug. 1964, PARATYPE
- Fumaria capreolata* L. var. *babingtonii* Pugsley, Publication unknown  
 ENGLAND: Pembroke, Penally Station, A.J. Wilmott, 3 Sept. 1927, ? TYPE COLLECTION

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*Fumaria occidentalis* Pugsley, J. Bot. 42: 218. 1904

ENGLAND: Cornwall, Newquay, *Vigurs & Groves*, Aug. 1907, TOPOTYPE

*Fumaria pumila* Host, Fl. aust. 2: 304. 1831

AUSTRIA: im Frecklebener Holze unweit Aschersleben, *Preufou*, 23 May 1895, TOPOTYPE

*Fumana pinatzii* Rech. f., Anz. Osterr. Akad. Wiss., Math.-Nat. 93: 97. 1956

GREECE: Insula Euboea septentrionalis, *K.H. Reching* 16667, 28 May 1955, ISOTYPE

*Gagea pomeranica* R. Ruthe, Verhandl. d. bot. V. d. Prov. Brandenburg 1892: 15-18. 1893

GERMANY: Pomerania, Gumlin und Neverow bei Swinemünde, *R. Ruthe*, Apr. 1893 and 94, TOPOTYPE

*Gagea spathacea* Salisb. var. *transcarpatica* Domin, Fl. Cechoslovenica ex. 221

CZECHOSLOVAKIA: Rossia Subcarpatica, ad Fornos, *A. Margittai*, 3 May 1931, ISOTYPE

*Gagea stenopetala* (Fr.) Reich. var. *arvensis* F. Schultz, Herb. normale. cent. 6: 566

FRANCE: Bas-Rhin, Wissembourg, *F. Schultz*, 15 avril 1858, ISOTYPE

*Gaillardia aristata* Pursh f. *monochroma* Boivin, Nat. can. 87: 33. 1960

CANADA: Saskatchewan, Waldheim, *R.C. Russell S5121A*, 1951, HOLOTYPE

*Galactia fasciculata* A.M. Vail, Bull. Torrey Bot. Cl. 22: 505. 1895

U.S.A.: Florida, Hillsborough Co., Tampa, *G.V. Nash 2480*, 24 Aug. 1895, ISOTYPE

*Galactia floridana* T. & G., Fl. N. Am. 1: 288. 1840

U.S.A.: Florida, Hillsborough Co., Tampa, *G.V. Nash 2474*, 24 Aug. 1895, TOPOTYPE

*Galega patula* Steven, Bull. Soc. Imp. des Nat. Mosc. 29: 140-141. 1856

U.S.S.R.: Tauria, Tofschanbazar, *A. Callier* (Dörfler Herb. Norm. 4235) July 1900, TOPOTYPE

*Galeopsis reuteri* Rehb. fil., Ic. fl. Germ. 17. 1858

ITALY: Alpes Maritimae, Tenda, *Bicknell & Pollini* (Fl. Ital. Ex. 2344), 20 Aug. 1914, TOPOTYPE

*Galium angustifolium* Nutt. ssp. *nudicaule* Dempster & Stebbins, Madrono 21: 94. 1971

U.S.A.: California, Los Angeles Co., Cloudburst Summit, Chilao Recreation Area, *Dempster & Stebbins 4236*, 16 June 1966, ISOTYPE

*Galium asperrimum* Gray, Mem. Acad. Art. & Sc. N.S. 4: 60-61. 1849

U.S.A.: New Mexico, Santa Fe Canyon, 9 miles east of Santa Fe, *A.A. & E.G. Heller 3802*, 2 July 1897, TOPOTYPE

*Galium catalinense* Gray, Syn. Fl. N. Am. ed. 2, 1 pt. 2, suppl.: 445. 1886  
U.S.A.: California, Los Angeles Co., Santa Catalina Island, *F.R. Fosberg S4418*, 27 Mar. 1931,  
TOPOTYPE

*Galium coronatum* Sibth. & Sm. ssp. *persicum* (DC.) Ehrendorfer var. *pilosum* Ehrendorfer,  
Publication unknown  
IRAN: Montes Elburs centr., *K.H. & F. Rechinger 287*, 21 May 1937, ISOTYPE

*Galium crespianum* Rodriguez, Anales Soc. Esp. Hist. Nat. 7: 55. 1879  
EUROPE: Insula Mallorca, *Bianor* (Dörfler Herb. Norm. 5466), July 1912, TOPOTYPE

*Galium ellipticum* Willd., Enum. hort. Berol., Suppl. p. 8. 1813  
CORSICA: prope, Bastia, *M.F. Spencer*, (Dörfler, Herb. Norm. 5463), May 1914, TOPOTYPE

*Galium fendleri* Gray, Pl. Fendl. 60  
U.S.A.: New Mexico, Santa Fe Co., 9 miles east of Santa Fe, *A.A. & E.G. Heller 3817*, 7 July  
1897, TOPOTYPE

*Galium gilanicum* Stapf., Denkschr. Acad. Wien 1: 53. 1885  
IRAN: Guilan Province, Lahijan, *N. Lindsay 951*, May-July 1936, TOPOTYPE

*Galium glabrescens* (Ehrend.) Demp. & Ehrend. ssp. *harticum* Demp. & Ehrend., Brittonia 17:  
333. 1965  
U.S.A.: Oregon, Lake Co., Hart Mountain, *Dempster & Hardham 1727*, 22 June 1961,  
PARATYPE

*Galium glabrescens* (Ehrend.) Demp. & Ehrend. ssp. *modocense* Demp. & Ehrend., Brittonia 17:  
333. 1965  
U.S.A.: California, Modoc Co., Cedar Pass on road to Cedarville, *Dempster & Hardham 1694*,  
18 June 1961, PARATYPE

*Galium grayanum* Ehrend., Contrib. Dudley Herb. 5: 15. 1956  
U.S.A.: California, Butte-Plumas Co., summit above Jonesville, *F. Ehrendorfer 5937*, 22 July  
1959, TOPOTYPE

*Galium grayanum* Ehrend. ssp. *glabrescens* Ehrend., Contrib. Dudley Herb. 5: 15. 1956  
U.S.A.: California, Siskiyou Co., [1/2] mile SSE of Castle Lake, *Ehrendorfer et al. 5963*, 26  
Sept. 1959, TOPOTYPE

*Galium hardhamae* Demp., Madrono 16: 167-168. 1962  
U.S.A.: California, San Luis Obispo Co., headwaters of Chris Flood Creek, *C.B. Hardham 6145*,  
17 June 1960, PARATYPE

*Galium hypotrichium* Gray ssp. *ebbettsense* Demp. & Ehrend., Brittonia 17: 318. 1965

U.S.A.: California, Alpine Co., Sierra Nevada, ca. 0.5 mile southeast of Ebbetts Pass, *F. Ehrendorfer 5920*, 5 July 1959, ISOTYPE

*Galium martirensense* Demp. & Steb., Madrono 18: 110-113. 1965  
MEXICO: Baja California, Oaks Pasture, 15 miles by crooked road northeast of Meling Ranch, *Dempster & Cory 3987*, 3 June 1964, ISOTYPE

*Galium nuttallii* Gray var. *ovalifolium* Demp., Brittonia 10: 183. 1958  
U.S.A.: California, Humboldt Co., Blue Slide on Van Dugen River, *J.P. Tracy 6816*, 10 Aug. 1924, ISOTYPE

*Galium pumilum* Murr. ssp. *islandicum* Stern, Publication unknown  
ICELAND: Westmann Is., S Heimaey, *H.G. Vevers*, 29 June 1939, TOPOTYPE

*Galium pumilum* Murr. ssp. *oelandicum* Sterner & Hyl., Publication unknown  
SWEDEN: Öland, Paroecia, Kastlösa, *R. Sterner*, 25 June 1928, TOPOTYPE

*Galium scabriusculum* (Ehrend.) Demp. & Ehrend. ssp. *protoscabriusculum* Demp. & Ehrend., Brittonia 17: 312-313. 1965  
U.S.A.: Utah, Carbon Co., Castle Gate, *Ehrendorfer & Stutz 5954*, 4 Aug. 1959, ISOTYPE

*Galium serpticum* Demp., Brittonia 11: 120. 1959  
U.S.A.: Oregon, Baker Co., Burnt Creek, *Dempster & Hardham 1754*, 25 June 1961, TOPOTYPE

\$\$\$*Galium serpticum* Demp. ssp. *scotticum* Demp. & Ehrend., Brittonia 17: 326. 1965  
U.S.A.: California, Siskiyou Co., on road southwest of Callahan, *Dempster & Hardham 1877*, 3 July 1961, ISOTYPE

*Galium serpticum* Demp. ssp. *warnerense* Demp. & Ehrend., Brittonia 17: 325. 1965  
U.S.A.: Oregon, Lake Co., Albert Rim east of Lake Albert, *Dempster & Hardham 1758*, 27 June 1961, PARATYPE

*Galium serpticum* Demp. ssp. *wenatchicum* Demp. & Ehrend., Brittonia 17: 323. 1965  
U.S.A.: Washington, Kittitas Co., Wenatchee Mountains, Blewett Pass, *Ehrendorfer & Kruckeberg 5961*, 16 Sept. 1959, TOPOTYPE

*Galium wirtgeni* F. Schultz, Arch. Fl. 201  
EUROPE: pr. Deidesheim, *C.H. Schultz Dip*, ? TYPE - PUBLICATION NOT AVAILABLE

*Gardenia mannii* St. John & Kuykendall, Brittonia 6: 444-449. 1948  
HAWAIIAN ISLANDS: Oahu, Waianae Uka, Ditch trail along south fork of Kaukonahua Stream, *R. Kuykendall 134*, 9 Dec. 1945, PARATYPE



*Gaultheria konzattii* Camp var. *mijorum* Camp, Bull. Torrey Bot. Club 66: 17. 1939  
MEXICO: Oaxaca, Zempoaltepetl, *W.H. Camp 2659*, 19-27 Feb. 1937, ISOTYPE

*Gaultheria fendleri* Rusby, Descr. S. Am. Pl. 74. 1920  
COLUMBIA: Top of San Lorenzo Ridge, *H.H. Smith 1719*, 1898-1899, ISOTYPE

*Gaura calcicola* Raven & Gregory  
U.S.A.: Texas, Uvalde County, 16.0 miles north of Uvalde, *Mosquin & Mosquin 5620*, 19 May 1964, PARATYPE; McCulloch County, 4.5 miles southeast of Brady on road to Voca and Fredonia, *Munz & Gregory 23430*, 24 May 1958, PARATYPE

*Gaura calcicola* Raven & Gregory, Mem. Torrey Bot. Club 23(1): 40- 42. 1972  
U.S.A.: Texas, Jeff Davis Co., 3 mi. N of Ft. Davis, *Munz & Gregory 23383*, 20 May 1958, PARATYPE

*Gaylussacia dumosa* Torr. & Gray var. *bigeloviana* Fern., Rhod. 13: 99. 1911  
CANADA: Newfoundland, Whitbourne, *Robinson & Schrenk 201*, 16 Aug. 1894, PARATYPE

*Gayophytum diffusum* Torrey & Gray ssp. *parviflorum* Lewis & Szweykowski  
CANADA: British Columbia, 29 miles southwest of Chilako Forks on road to Anahim Lake, *Calder et al. 18334*, 4 July 1956, PARATYPE

*Gayophytum diffusum* T. & G. ssp. *parviflorum* Lewis & Szweykowski, Brittonia 16: 387. 1964  
CANADA: British Columbia, Three miles SW of Marysville, *Taylor & Ferguson 2624*, 10 July 1958, PARATYPE

*Gelonium aequorium* Hce. var. *hainanense* Hemsl., Publication unknown  
CHINA: Hainan, *H.Y. Liang 65218*, 24 Feb. 1934, ? TYPE COLLECTION MATERIAL

*Genista corsica* DC., Flore Française Suppl. 548. 1815  
FRANCE: Corsica, Bastia, *M.F. Spencer*, 20 Feb. 1913, TOPOTYPE

*Genista ovata* Waldst. & Kit., Descr. et ic. pl. rar. Hung. 1: 86. 1802  
ROMANIA: Banatus, *Borza et al.* (Fl. Rom. Ex. 2871), 22 July 1941, TOPOTYPE

*Genista saharae* Coss. & Dur., Bull. Soc. Bot. Fr. 2: 247. 1855  
ALGERIA: près de Mraïer, entre Biskra & Touggourt, *P. Simonneau* (Exsicc. B. de Retz II 4343), 2 mars 1960, TOPOTYPE

*Gentiana affinis* Griseb. var. *major* Nels. & Macbr., Bot. Gaz. 55: 376-377. 1913  
U.S.A.: Nevada, Elko Co., Mountain City, *Nelson & Macbride 2178*, 9 Aug. 1912, ISOTYPE

*Gentiana austriaca* A. & I. Kerner, Fl. Ex. Aust.-Hung. no. 648. 1882 [in sched.]  
AUSTRIA: prope Perchtoldsdorf, *Woloszczak*, ISOTYPE

- Gentiana austromontana* Pringle & Sharp, Rhod. 66: 402. 1964  
U.S.A.: North Carolina, Roan Mtn., *Pringle et al.* 29372, 12 Sept. 1961, ISOTYPE
- Gentiana campestris* L. var. *pusilla* O. Kuntze, Publication unknown  
EUROPE: Germany, C. Reimann, Sept. 1864, ? TYPE COLLECTION MATERIAL
- Gentiana douglasiana* Bong. f. *maculata* Boivin, Nat. can. 94: 634. 1967  
U.S.A.: Alaska, Kenai Peninsula, 7 mi. WSW of Portage, *J.A. Calder* 5969, 16 July 1951, HOLOTYPE
- Gentiana elegans* Nelson, Bull. Torrey Bot. Cl. 25: 276. 1898  
U.S.A.: Wyoming, Albany Co., Medicine Bow Mts., A. & R.A. Nelson 968, 22 Aug. 1933, TOPOTYPE
- Gentiana formosana* Hayata Journ. Col. Sci. Tokyo 22: 242. 1906  
TAIWAN: Mt. Morrison, T.S. Liu, 23 Aug. 1949, TOPOTYPE
- Gentiana gaspensis* Victorin, Contrib. Lab. Bot. Univ. Montreal 20: 10. 1932  
CANADA: Quebec, Bonaventure Co., Bonaventure, mouth of Bonaventure River, Marie-Victorin et al. 4008, 24 Aug. 1940, TOPOTYPE
- Gentiana norica* A. & J. Kerner in Kern. Sched. Fl. Austro.-Hung. 6: 56. 1893  
HUNGARY: Stiria superior, in pratis humidis ad lacum Grundlsee, A. Kerner (Fl. Ex. Aust.-Hung. 2190), ISOTYPE
- Gentiana pilosa* Wettstein, Österr. botan. Zeitschr. 42: 42-43. 1892  
AUSTRIA: Carthina, a "Raibl" versus jugum "Predil" M. v. Statzer, Oct. 1894 (Dörfler Herb. Norm. 3749), TOPOTYPE
- Gentiana praecox* Kerner f. *serotina* Krist, Gent. esl. Sb. Pr. Kl. Brno. 1934  
EUROPE: Slovakia Centr., ad ostium rivuli Kamenisty in fl. Bela, L. Filipi (Fl. ex Reip. Bohemicae Slovenicae 877), 31 July 1933, ? ISOTYPE
- Gentiana rusbyi* E.L. Greene ex Kusnez., Etud. Monog. Sous-genie Eugentiana 54. 1894  
U.S.A.: New Mexico, Mogollon Mts., H.H. Rusby 263, Sept. 1881, ISOTYPE
- Gentiana rhaetica* A. & J. Kerner, Fl. Ex. Aust.-Hung. no 649. 1882 [in sched.]  
AUSTRIA: Tirolia centralis, in valle Gschnitz, A. Kerner, ISOTYPE
- Gentiana sturmiana* A. & J. Kerner, Fl. Ex. Aust.-Hung. no 647. 1882 [in sched.]  
AUSTRIA: prope urbem Mautern ad Danubium, J. Kerner, ISOTYPE
- Gentiana tenella* Rottb. var. *occidentalis* Rousseau & Raymond, Nat. can. 79: 77. 1952  
CANADA: Quebec, Poste de Puvungnituk, J. Rousseau 200, 16 juillet 1948, ISOTYPE

*Gentiana triflora* Pallas var. *japonica* Hara f. *montana* Toyokuni & Tanaka, Publication unknown

JAPAN: Prov. Ishikari, Mt. Yupari, *H. Toyokuni*, 4 Aug. 1960, TOPOTYPE

*Gentiana victorinii* Fern., *Rhod.* 25: 87-88. 1923

CANADA: Quebec, Quebec Co., Cap rouge, St. Lawrence River, *Gillett & van Rens 9700*, 23 Aug. 1955, TOPOTYPE

*Gentiana yuparensis* Takeda, *Notes Bot. Gard. Edin.* 8: 234. 1915

JAPAN: Ishikari Province, Hokkaido, on Mt. Yupari, *H. Toyokuni*, 19 Aug. 1957, TOPOTYPE

*Gentianella detonsa* G. Don. ssp. *yukonensis* Gillett, *Ann. Mo. Bot. Gard.* 44: 215. 1957

U.S.A.: Alaska, Richardson Highway, 4 miles south of Delta Junction, *Cody & Webster 5587*, 28 June 1951, HOLOTYPE

*Gentianella propinqua* (Richards.) Gillett f. *acyanea* Gillett, *Ann. Mo. Bot. Gard.* 44: 240. 1957

CANADA: British Columbia, 9 mi. NE of Skeena Crossing, *Calder et al. 15201A*, 30 Aug. 1954, HOLOTYPE

*Gentianella yuparensis* Satake f. *gigantea* Toyokuni, Publication unknown

JAPAN: prov. Ishikari, Hokkaido, Mt. Yupari, *H. Toyokuni*, 31 Aug. 1958, TOPOTYPE

*Gentrya racemosa* Breedlove & Heckard, *Brittonia* 22: 21-22. 1970

MEXICO: Sinaloa, Sierra Surutato, 3 miles N of Los Ornos along road to Ocurahui, *D.E. Breedlove 19200*, 7 Mar. 1971, TOPOTYPE

*Geranium atropurpureum* Heller, *Bull. Torrey Bot. Cl.* 25: 195-196. 1898

U.S.A.: New Mexico, Santa Fe Creek, *A.A. & E.G. Heller 3723*, 17 June 1897, ISOTYPE

*Geranium carolinianum* L.f. *albiflorum* Boivin, *Nat. can.* 93: 1060. 1966

CANADA: Ontario, Hastings Co., Point Anne, E of Belleville, *W.G. Dore 20292*, 15 June 1963, HOLOTYPE

*Geranium monanthum* Small, *Fl. N. Amer.* 25: 21. 1907

MEXICO: Oaxaca, Zempoatepec, *W.H. Camp 2624*, 19-27 Feb. 1937, TOPOTYPE

*Geranium pratense* L. var. *erianthum* (DC.) Boivin f. *leucanthum* Boivin, *Phytologia* 23(1): 136. 1972

U.S.A.: Alaska, Cold Bay, *W.B. Schofield 2489*, 28 July 1952, HOLOTYPE

*Geranium purpureum* Vill. var. *forsteri* Wilmott, *Journ. Bot.* 59: 95. 1921

ENGLAND: between Bognor and Littlehampton, *A.J. Wilmott 919*, 23 June 1919, ISOTYPE

*Geranium sphaerospermum* Fernald, *Rhod.* 37: 298. 1935

U.S.A.: South Dakota, Deadwood, *W.P. Carr 67*, 19 July 1913, PARATYPE

*Geranium toquimensis* Holmgren & Holmgren

U.S.A.: Nevada, Nye County, Toquima Range, Pine Creek, Middle Fork, *A.H. Holmgren 7077*, 4 Aug. 1947, PARATYPE; head of Middle Fork, *Holmgren & Reveal 1523*, 4 Aug. 1964, PARATYPE

*Geranium toquimense* Holmgren & Holmgren, *Brittonia* 26(3): 311- 313. 1974

U.S.A.: Nevada, Nye Co., Toquima Range, head of the north brand of South Fork Pine Creek, *Holmgren & Reveal 1518*, 3 Aug. 1964, ISOTYPE

*Gesneria onacaensis* Rusby, *Descriptions of Three Hundred New Species of South American Plants*, 123-124. 1920

COLOMBIA: Santa Marta, *H.H. Smith 1386* (1898-1901), ? ISOTYPE

*Geum* ×*catlingii* Bernard & Gauthier, *Nat. can.* 113: 321. 1986

CANADA: Quebec, Sillery, *J.-P. Bernard B82-68*, 20 juillet 1982, ISOTYPE

*Geum kernerii* Blocki ex Bolle in *Fedde Repert, Beih.* 72: 77. 1933

POLAND: Galizien, *Blocki*, 1910, TYPE COLLECTION MATERIAL

*Geum* ×*macneillii* Bernard & Gauthier, *Nat. can.* 113: 321. 1986

CANADA: Quebec, Sillery, *J.-P. Bernard B82-73C*, 21 juillet 1982, ISOTYPE

*Geum perincisum* Rydb. var. *intermedium* Boivin, *Phytologia* 15: 355. 1967

CANADA: Saskatchewan, Cypress Hills, *A.J. Breitung 4249*, 2 July 1947, HOLOTYPE

*Geum* ×*pervale* Boivin, *Phytologia* 15: 355. 1967

CANADA: Saskatchewan Cypress Hills, *A.J. Breitung 5507*, 9 July 1947, HOLOTYPE

*Geum pyrenaicum* Willd., *Sp. Pl.* 2: 1115. 1800

SWITZERLAND: Hautes-Pyrénées, paturages de Gavarnie, *H. Bordère*, 2 June 1889, TOPOTYPE

*Geum schofieldii* Calder & Savile, *Can. J. Bot.* 43: 1394. 1965

CANADA: British Columbia, Queen Charlotte Islands, Moresby Island, *Calder & Taylor 36144*, 21 July 1964, HOLOTYPE

*Geum schofieldii* Calder & Taylor

CANADA: British Columbia, Graham Island, Masset Inlet, head of McClinton Bay, *Calder et al. 21574*, 18 June 1957, PARATYPE; Mt. de la Touche, Fairfax Inlet, Tasu Sound, west coast of Moresby Island, *Calder & Taylor 23519*, 16-17 Aug. 1957, PARATYPE

*Geum speciosum* Alboff, *Bull. Herb. Bois.* 1: 224. 1893

U.S.S.R.: Abchazia, distr. Gudauty, *A. Kolakovsky* (Fl. ex. URSS 3214), 20 July 1935,  
TOPOTYPE

*Gilia capitata* Sims ssp. *pacifica* Grant, *Aliso* 2: 305-306. 1950

U.S.A.: California, Humboldt Bay near Buckspot, *J.P. Tracy 2188*, 11 June 1905, PARATYPE

*Gilia chamissonis* Greene, *Erythea* 3: 105. 1895

U.S.A.: California, San Francisco, Laurel Hill Cemetery, *L.S. Rose 48123*, 31 May 1948,  
TOPOTYPE

*Gilia malior* Day & Grant, *Aliso* 4: 484. 1964

U.S.A.: California, San Luis Obispo Co., Carissa Plains 2 miles south of Simmler, *B. Hardham 3154*, 28 Apr. 1958, PARATYPE

*Gilia nyensis* Reveal

U.S.A.: Nevada, Nye County, south face of Ranier Mesa, *Reveal & Holmgren 1775*, 14 Aug.  
1968, PARATYPE

*Gilia nyensis* Reveal, *Bull. Torrey Bot. Club* 96: 480-483. 1969

U.S.A.: Nevada, Nye Co., Nevada Test Site, 0.5 mi. W of Buckboard Mesa (Tippipah Spring)  
Road to Cat Canyon, Timber Mountain, *Reveal & Beatley 1048*, 29 May 1968, ISOTYPE

*Gilia splendens* Douglas ex Paxton ssp. *australis* Mason & Grant, *Madrono* 9: 213. 1948

U.S.A.: California, Riverside Co., Temecula Valley, *H.L. Mason 3195*, 2 May 1926, ISOTYPE

*Gilia tenuiflora* Benth. ssp. *interior* Mason & Grant, *Madrono* 9: 217. 1948

U.S.A.: California, Kern Co., *H.L. Mason 8244*, 30 Mar. 1935, TOPOTYPE

*Gilibertia amplifolia* I.M. Johnston, *Contr. Gray Herb.* 70: 81. 1924

COLOMBIA: Santa Marta, *H.H. Smith 1778* 1898-1901, ? ISOTYPE

*Glaux maritima* L. var. *angustifolia* Boivin, *Bull. Soc. Roy. Bot. Belg.* 88: 9. 1955

U.S.A.: Wyoming, Hanna, *C.L. Porter 3257*, 12 July 1943, HOLOTYPE

*Glaux maritima* L. ssp. *obtusifolia* (Fern.) Boivin var. *macrophylla* Boivin, *Bull. Soc. Roy. Bot. Belg.* 88: 10. 1945

U.S.A.: Alaska, Eagle River near Juneau, *J.P. Anderson 6356*, 28 June 1940, HOLOTYPE

*Glaux maritima* L. var. *rosea* Freyn, Publication unknown

EUROPE: Nertschinsk, in nassen Steppen, *J. Freyn*, 1889, ? TYPE COLLECTION MATERIAL

*Gleichenia Kiushiana* Makino, *Bot. Mag. Tokyo* 18: 139. 1904

JAPAN: Kyushu, Pref. Nagasaki, *Y. Kaneko*, TOPOTYPE, TYPE COLLECTION MATERIAL?

*Glottidium floridanum* DC. var. *atro-rubrum* Nash, Bull. Torrey Bot. Cl. 23: 101. 1896  
U.S.A.: Florida, Hillsborough Co., Tampa, *G.V. Nash 2415*, 20 Aug. 1895, ISOTYPE

*Glyceria fernaldii* (Hitche.) St. John (*G. pallida* var. *fernaldii* Hitche.)  
U.S.A.: Maine, Piscataquis County, Foxcroft, *M.L. Fernald 147*, 31 Aug. 1896 - near, TOPOTYPE

*Glyceria fluitans* (L.) R.Br. var. *islandica* Löve, Bot. Not. 1951: 237. 1951  
ICELAND: Arnessysla, Söloholt, *A. & D. Löve A075*, 14 Sept. 1949, ISOTYPE

*Glyceria* ×*gatineauensis* Bowden  
CANADA: Quebec, Gatineau Park Road, 3.5 miles north of Eardley, *W.M. Bowden 1-58-1*, 20 June 1959, PARATYPE + HORTOTYPE; Gatineau Park Road, 3.5 miles north of Eardley, *W.M. Bowden 1-59-2*, 20 June 1959, PARATYPE + HORTOTYPE

*Glyceria* ×*gatineauensis* Bowden, Can. J. Bot. 38: 126-127. 1960  
CANADA: Quebec, 3.3 miles N of Eardley, *Bowden & Dore 125-55*, 29 June 1955,  
HOLOTYPE

*Glyceria otisii* A.S. Hitchcock, Amer. J. Bot. 21: 128-129. 1934  
U.S.A.: Washington, Jefferson Co., Hoh R., *C.L. Hitchcock 19891*, 25 June 1953, TOPOTYPE

*Glyceria* ×*ottawensis* Bowden  
CANADA: Ontario, Collection plots, originally from Mer Bleu Peat Bog, *Dore & Jenkins 15206*,  
7 July 1954, HORTOTYPE

*Glyceria ottawensis* Bowden, Can. J. Bot. 38: 127. 1955  
CANADA: Ontario, Carleton Co., Mer Bleue, *Dore & Jenkins 15206*, 7 July 1954, HOLOTYPE  
(PLUS ISOTYPE, and HORTOTYPES)

*Glycine hainanensis* Merr. & Chun, Lingnan Sc. Journ. 16: 194-196. 1937  
CHINA: Hainan, *H.Y. Liang 65132*, 22 Feb. 1934, PARATYPE

*Glycyrrhiza glabra* L. var. *pubescens* D. Litwinow, Sched. Herb. Fl. U.R.S.S. 2870a  
U.S.S.R.: Turcomania, Farab ad fl. Amu-darja, *N. Androsov*, 17 May 1904, ISOTYPE

*Gnaphalium madagascariense* Poir., Encyc. Meth. Bot. Suppl. 2: 804. 1811  
MADAGASCAR: Fort Dauphin, *M.R. Decary 9175*, 1 Oct. 1931, TOPOTYPE

*Gnaphalium saxicola* Fassett, Rhod. 33: 75. 1931  
U.S.A.: Wisconsin, Adams Co., Coldwater Canyon, Wisconsin Dells, *N.C. Fassett 20407*, 17  
July 1937, TOPOTYPE

*Godetia cylindrica* Hitchcock var. *tracyi* Jeps., Fl. Cal. 2: 584. 1936  
U.S.A.: California, Mendocino Co. near Hopland, *J.P. Tracy 9904*, 8 May 1932, PARATYPE

*Godetia quadrivulnera* Spach var. *davyi* Jepson, Univ. Cal. Pub. Bot. 2: 341. 1907  
U.S.A.: California, Marin Co., Point Reyes Peninsula, *L.S. Rose 56134*, 30 July 1956,  
TOPOTYPE

*Gomphrena caespitosa* Torr., Bot. Mex. Bound. 181. 1859  
U.S.A.: New Mexico, *C. Wright 1752*, 1851-2, TYPE COLLECTION MATERIAL

*Goniphlebium pringlei* Maxon, Proc. U.S. Nat. Mus. 27: 953.t.48. 1904  
MEXICO: Vera Cruz, near Jalapa, *C.G. Pringle 11855*, 30 Nov. 1903, ISOTYPE

*Gonolobus sororius* Gray ex S. Watson, Proc. Am. Acad. 22: 437. 1887  
MEXICO: Oaxaca, Tomellin Canyon, *C.G. Pringle 4800*, 31 July 1894, ? TYPE -  
PUBLICATION NOT AVAILABLE

*Gonospermum fruticosum* Less., DC. Prodr. 6: 84. 1837  
CANARY ISLANDS: Tenerife, *E. Asplund 1150*, 7/5, 1933, TOPOTYPE

*Gonospermum revolutum* Sch. Bip. in Webb & Berth, Phyt. Canar. 2: 292 t88  
CANARY ISLANDS: Nivaria Taganana, *E.R. Sventenius 85*, 3 May 1957, TOPOTYPE

*Gonzalagunia acutifolia* Rusby, Descriptions of Three Hundred New Species of South American  
Plants, pp. 131-132. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 99*, (1898-1901), ? ISOTYPE

*Goodyera oblongifolia* Raf. var. *reticulata* Boivin, Can. Field- Nat. 65: 20. 1951  
CANADA: British Columbia, Victoria, *F. Fyles*, 20 Aug. 1914, HOLOTYPE

*Gorodkovia jacutica* Botsch. & Karav., Not. Syst. Herb. Inst. Bot. Acad. Sci. URSS 19: 109.  
1959  
U.S.S.R.: Jakutia, distr. Ojnjakonsk, *B. Jurtzev*, 22 June 1958, TOPOTYPE

*Gouldia macrocarpa* Hillebrand, Fl. Hawaiian Islands 170. 1888  
HAWAIIAN ISLANDS: Kauai, west of Kokee Stream, *Degener & Cadenheads 27228*, 19 Nov.  
1960, TOPOTYPE

*Gouldia* ×*St.-Johnii* Fosberg, Bull. Bishop Mus., Honolulu, No. 7: 62. 1937  
HAWAIIAN ISLANDS: Oahu, Wiliwelinui Ridge, *Degener et al. 19695*, 27 June 1949,  
TOPOTYPE

*Gouldia terminalis* Hillebrand f. *eukaala* Fosberg, Publication unknown  
HAWAIIAN ISLANDS: Oahu, Molsuleia, Dillingham Ranch, *O. Degener 20621*, 30 Apr. 1950,  
TOPOTYPE

*Gouldia terminalis* Hillebrand var. *macrothyrsa* Fosberg, Publication unknown

HAWAIIAN ISLANDS: Oahu, Central Makaleha Valley ridge, *Degener et al. 20756*, 19 Aug. 1950, TOPOTYPE

*Gouldia terminalis* Hillebrand var. *purpurea* Fosberg, Publication unknown  
HAWAIIAN ISLANDS: Kohala Ulakahi Valley, *O. Degener et al. 20045*, 27 Aug. 1949, TOPOTYPE

*Grammitis oahuensis* Copel., Philip. J. Sci. 80: 158. 1952  
HAWAIIAN ISLANDS: Oahu Island, Kipapa Gulch, *T.M.C. Taylor 6267*, Nov. 1960, TOPOTYPE

*Grindelia perennis* Nels. f. *pseridopinatifida* D. Löve & Bernard, Sv. Bot. Tidskr. 53: 431. 1959  
CANADA: Manitoba, Otterburne, *J.P. Bernard 58/263*, ISOTYPE

*Grossularia echinella* Coville, J. Agric. Research 28: 71-72. 1924  
U.S.A.: Florida, Jefferson Co., Lake Miccosukee, *R.K. Godfrey 56238*, 11 Mar. 1958, TOPOTYPE

*Grypsocarpa hebeclada* Blake, Contr. Gray Herb. 52: 35. 1917  
MEXICO: Hidalgo, near Tula, *C.G. Pringle 13863*, 20 May 1906, ISOTYPE

*Guaicum sloanei* Shutt. ex Gray Pl. Wright 1: 29. 1850-52  
U.S.A.: Florida, Key West, *F. Rugel 68, 69*, 1842-1849, TYPE COLLECTION MATERIAL

*Guarea smithii* C.DC. Annuaire Conserv. Jard. Bot. Genève 10: 150. 1907  
COLOMBIA: Santa Marta, *H.H. Smith 1550*, 1898-1901, ? ISOTYPE

*Guarea trichilioides* L. var. *colombiana* C.DC., Annuaire Conserv. Jard. Bot. Genève 10: 138. 1907  
COLOMBIA: Santa Marta, *H.H. Smith 421*, 1898-1901, ? ISOTYPE

*Guettarda roupalaefolia* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 135-136. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 441* (1898-1901), ? ISOTYPE

*Gymnocarpium appalachianum* Pryer & Windham, Syst. Bot. 18: 161. 1993  
U.S.A.: North Carolina, Ashe Co., near summit of Bluff Mt., Bozeman et al. 10678, 9 July 1967, PARATYPE

*Gymnocarpium jessoense* (Koidz.) Koidz. ssp. *parvulum* Savelle  
CANADA: Yukon, Haggert Creek near Keno Hill north of Mayo, *C. Broadfoot 18*, June or July of 1958 or 1959, PARATYPE



*Gymnocarpium jessoense* (Koidz.) Koidz. ssp. *parvulum* Sarvela, Ann. Bot. Fennici 15: 103-104. 1978

CANADA: Dist. of Mackenzie, Nahanni National Park, below Virginia Falls, *T. Ahti* 31910, 8 July 1977, ISOTYPE

*Gymnopogon floridanus* Swallen, North Amer. Flora 17: 607. 1939

U.S.A.: Florida, Clay Co., Penny Farms, *J.R. Swallen* 5596 (Amer. Gr. Nat. Herb. 1247), 15 Nov. 1938, ISOTYPE

*Gypsophila benscensio* Rigo, Publication unknown

EUROPE: Verone, *G. Rigo*, Sept. 1911, ? TYPE COLLECTION MATERIAL

*Gypsophila* ×*castellana* Pau, Bol. Soc. Arag. 15: 167. 1916

SPAIN: Madrid, *J. Beltroin*, Aug. 1912, TOPOTYPE

*Gypsophila mucronifolia* Rech.f., Fedde, Repert. 48: 40. 1940

IRAN: Semnan, ad Sorkeh, *K.H. & F. Rechinger* 1793, 15 Apr. 1948, TOPOTYPE

*Gypsophila pseudomelampoda* Gauda & Rech.f., Fedde, Repert. 48: 39-40. 1940

IRAN: Kazvin, prope Keredj, *K.H. & F. Rechinger* 6793, 31 Aug. 1948, TOPOTYPE

*Gypsophila subaphylla* Rech.f., Bot. Jahrbucher (Engler) 75: 355-356. 1951

IRAN: Luristan, Bisheh, 50 km a Khorramabad orientem versus, *K.H. & F. Rechinger* 5770, 14-16 July 1948, ISOTYPE

*Gypsophila xanthochlora* Rech.f., Bot. Jahrbucher (Engler) 75: 355. 1951

IRAN: Shahrud-Bustan, montim Shahvar ad Nekarman, *K.H. & F. Rechinger* 5836, 20-26 July 1948, ISOTYPE

*Habenaria brownelliana* Catling, Brittonia 39(3): 402. 1987

BELIZE: near Lagoona, *Catling & Brownell* B17, early December 1984, ISOTYPE

*Habenaria conspicua* Nash

U.S.A.: Florida, Lake County, vicinity of Eustis, *G.V. Nash* 1700, 16-25 Aug. 1894, PARATYPE

*Habenaria conspicua* Nash, Bull. Torr. Bot. Club 23: 100. 1896

U.S.A.: Florida, Columbia Co., Lake City, *G.V. Nash* 2501, 29-31 Aug. 1895, ISOTYPE

*Habenaria flava* (L.) Br. var. *herbiola* (R.Br.) Ames & Correll f. *lutea* Louis-Marie ex Boivin in Catling, Nat. can. 109: 278. 1982

CANADA: Ontario, Ottawa District, Ottawa River shoreline, 0.8 miles east of Champlain Bridge, *Sherk & Greenwood* 547, HOLOTYPE

*Habenaria herminioides* Kränzliv, Kongl. Svenska Vetensk. Handl. 46: 11. 1911

COLOMBIA: Santa Marta, *H.H. Smith 2375*, 1898-1901, ? ISOTYPE

*Habenaria orbiculata* (Pursh) Torrey var. *lehorsii* Fern., *Rhod.* 52: 61. 1981

ILES SAINT-PIERRE ET MIQUELON: Saint-Pierre, Cap à l'Aigle, *M. LeHors*, 21 juillet 1950, TOPOTYPE

*Habenaria smithii* Schltr., *Repert. Spec. Nov. Regini. Beih.* 7: 33. 1920

COLOMBIA: Santa Marta, *H.H. Smith 2358*, 1898-1901, ? ISOTYPE

*Hackelia patens* (Nutt.) Johnston var. *harrisonii* J.L. Gentry, *Southwest Nat.* 19: 140. 1974

U.S.A.: Utah, Washington Co., Dixie National Forest, Pine Valley north of St. George, *J.L. Gentry 2002*, 30 May 1968, ISOTYPE

*Hackelia patens* (Nutt.) Johnston var. *semiglabra* Cronq., *Leafl. W. Bot.* 10: 39. 1963

U.S.A.: Oregon, Malheur Co., 11 miles southwest of Vale, *A. Cronquist 8184*, 4 May 1959, ISOTYPE

*Hakea nodosa* R.Br., *Trans. Linn. Soc. London* 10: 179-180. 1811

AUSTRALIA: Port Philip, *R. Brown*, 1802-5, ISOTYPE

*Hakonechloa marra* Makino, *J. Fac. Sc. Univ. Tokyo, Sec. 3, Bot.*, 3: 113. 1930

CULTIVATED: Tokyo, Japan, *T. Makino*, 29 Sept. 1911, TYPE COLLECTION MATERIAL

*Halesia diptera* Ellis var. *magniflora* Godfrey, *Rhod.* 60: 80. 1958

U.S.A.: Florida, Leon Co., 3 miles east of Tallahassee, *R.K. Godfrey 56332*, 1 Apr. 1958, TOPOTYPE

*Halesia tetraptera* L., *Sp. Pl. ed. 2*, 636, 1762; *Taxon* 25: 134. 1976

U.S.A.: South Carolina, Williamsburg Co., 2.7 miles north of Jamestown, *Reveal & Seldin 3832*, 6 Apr. 1975, NEOTYPE

*Halimium exaltatum* Rose & Standl., *Contr. U.S. Nat. Herb.* 23: 833. 1923

MEXICO: Michoacan, Uruapan, *C.G. Pringle 10409*, 27 Nov. 1907, ISOTYPE

*Hamamelis bitchuensis* Makino, *J. Jap. Bot.* 1: 7-8. 1916

JAPAN: Atetsu, Okayama Pref., *T. Makino*, 5 Aug. 1914, ISOTYPE

*Hamamelis japonica* Sieb. & Zucc. var. *discolor* Hiyama f. *obtusata* Hiyama, Publication unknown

JAPAN: Gumma Pref., foot of Mt. Tanigawa, *T. Makino*, 6 Sept. 1936, ? TYPE COLLECTION MATERIAL

*Hamamelis japonica* Sieb. & Zucc. f. *yoshidai* Hiyama, Publication unknown

JAPAN: Gifu Pref., Gifu City, *T. Makino*, 1940, ? TYPE COLLECTION MATERIAL

- Hamelia pedicellata* Wernham, J. Bot. 49: 212. 1911  
COLOMBIA: Santa Marta, *H.H. Smith 1817*, 1898-1901, ? ISOTYPE
- Haplopappus arborescens* (A. Gray) H.M. Hall ssp. *peninsularis* Moran, Trans. San Diego Soc. Nat. Hist. 15(11): 152-153. 1969  
MEXICO: Baja California, Sierra San Pedro Mártir, La Encantada, *Wiggins & Demaree 4952*, 20 Sept. 1930, PARATYPE
- Haplopappus berberidis* Gray, Syn. Fl. N. Am. 1(2): 126. 1884  
MEXICO: Baja California, Ensenada, *L.S. Rose 60077*, 22 Aug. 1960, TOPOTYPE
- Haplopappus lanceolatus* (Hook.) T.&G. var. *sublanatus* Cody  
CANADA: Alberta, three miles east of Beaverlodge, *Jenkins 606*, PARATYPE
- Haplopappus lanceolatus* (Hook.) T. & G. var. *sublanatus* Cody, Can. Field-Nat. 70: 126. 1957  
CANADA: District of Mackenzie, Salt Plain west of Ft. Smith, *Cody & Loan 4576*, 20 July 1950, HOLOTYPE
- Haplopappus occidentalis* Hall, Carnegie Inst. Wash. Publ. 389: 214. 1928  
U.S.A.: California, Fresno Co., north side of Parkfield Grade, *R.F. Hoover 6470*, 6 Oct. 1946, TOPOTYPE
- Haplopappus wigginsii* Blake, Proc. Biol. Soc. Wash. 48: 169. 1935  
MEXICO: Baja California, La Encantada, *Moran & Thorne 14346*, 19 Aug. 1967, TOPOTYPE
- Haplophyllum khorasanicum* Rech. f. Aell. Esf., Anz. Österr. Akad. Wiss. Math.-Nat. 87: 302. 1950  
IRAN: Khorasan et Shahrud-Bustam, inter Maiomai et Shahrud, *K.H. & F. Rechinger*, 13-14 June 1948, ISOTYPE
- Haronga madagascariensis* Choisy, Prod. Mon. Hyper. 34. 1821  
MADAGASCAR: Le Myre de Villars, 1887, TOPOTYPE
- Hasseltia lateriflora* Rusby, Descriptions of Three Hundred New Species of South American Plants, p. 62. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 1915* (1898-1901), ? ISOTYPE
- Hedeoma hispida* Pursh f. *simplex* Lalonde, Nat. can. 84: 255. 1957  
CANADA: Quebec, Pontiac Co., Vinton, *P. Louis-Marie 561a*, 27 août 1957, ISOTYPE
- Hedeoma quinquenervata* Bartlett, Proc. Amer. Acad. 44: 634. 1929  
MEXICO: Nuevo Leon, Sierra Madre above Monterrey, *C.G. Pringle 10241*, 9 Apr. 1906, ?  
TYPE - PUBLICATION NOT AVAILABLE

*Hedyotis acuminata* Steud. f. *grayana* Fosberg, Publication unknown  
HAWAIIAN ISLANDS: Oahu, west branch of Makaleha Valley, *Degener et al.* 20674, 4 July 1950, ? TYPE COLLECTION MATERIAL

*Hedyotis degeneri* Fosberg var. *coprosumifolia* Fosberg, Publication unknown  
HAWAIIAN ISLANDS: Oahu, Kaumokunui Gulch, *Degener & Kepaa* 12727, 11 Apr. 1940, ? TYPE COLLECTION MATERIAL

*Hedyotis interrupta* n. sp., Publication unknown  
CHINA: Hainan, Yaichow, *H.Y. Liang* 62576, 14 Aug. 1933, ? TYPE COLLECTION MATERIAL

*Hedyotis liangii* n. sp., Publication unknown  
CHINA: Hainan, *C. Wang* 35878, 27 Dec. 1933, ? TYPE COLLECTION MATERIAL

*Hedyotis schlechtendahlia* Steud. f. *dichtoma* Fosberg, Publication unknown  
HAWAIIAN ISLANDS: Oahu, northeast ridge of Kanehoa, *Degener & Ordonez* 12733, 14 Apr. 1940, ? TYPE COLLECTION MATERIAL

*Hedysarum boreale* Nutt. var. *cinerascens* (Rydb.) Rollins f. *album* Boivin, *Nat. can.* 87:34. 1960  
CANADA: Saskatchewan, Maple Creek District, Eastend, *R.C. Russell* S5075, 19 July 1950, HOLOTYPE

*Hedysarum mackenzii* Rich. var. *fraseri* Boivin, *Can. Field-Nat.* 65: 20. 1951  
CANADA: Saskatchewan, Langham, *W.P. Fraser*, 12 & 26 June 1938, HOLOTYPE

*Hedysarum mackenzii* Rich. f. *niveum* Boivin, *Can. Field-Nat.* 65: 20. 1951  
CANADA: Yukon, Pine Creek, *J.W. Abbott* 17a, 7 June 1946, HOLOTYPE

*Hedysarum mackenzii* Richards. f. *proliferum* Dore, *Can. Field-Nat.* 73: 151. 1959  
U.S.A.: Alaska, Tanana River, Mile 277 Richardson Highway, *W.J. Cody* 4984, 3 June 1951, HOLOTYPE

*Hedysarum obscurum* L. ssp. *boutignyanum* d'Alleiquette, Publication unknown  
FRANCE: Col de Restefond, *Gavelle*, 5 Aug. 1964, TOPOTYPE

*Hedysarum utahense* Rydb., *Bull. Torrey Bot. Club* 34: 424. 1907  
U.S.A.: Utah, 3 miles E of Salt Lake City, *G.H. Vansell*, 2 May 1940, TOPOTYPE

*Helenium autumnale* L. var. *canaliculatum* (Lam.) T. & G. f. *rubrum* Boivin, *Nat. can.* 87: 35. 1960  
CULTIVATED: Central Experimental Farm, Ottawa, Ont. *F. Fyles*, 13 Sept. 1948, HOLOTYPE

*Helenium autumnale* L. var. *fylesii* Boivin

CANADA: Quebec, Lévis, Pont de Quebec, *R. Dumais 172*, 6 Aug. 1941, PARATYPE; Hadlow, shore of St. Lawrence River, *F. Fyles s.n.*, 19 Aug. 1913, PARATYPE; Grosse-Isle, St. Lawrence River, *R.P. Hanson 473*, 30 July 1943, PARATYPE; upper tidal flat of St. Lawrence River estuary above Quebec bridge, *Dore et al. 47-966*, 31 Aug. 1947, PARATYPE; Neuville, *Br. Marie-Anselm s.n.*, 2 Sept. 1938, PARATYPE; Cap St-Ignace, *L. Cinq-Mars s.n.*, 9 août 1959, PARATYPE; Saint-Vallier, *Marie-Victorin et al. 44-099*, 1 Oct. 1932, PARATYPE

*Helenium autumnale* L. var. *fylesii* Boivin, *Nat. can.* 87: 35. 1960

CANADA: Quebec, Beauport, *F. Fyles*, 19 Aug. 1913, HOLOTYPE

*Helenium bigelovii* Gray var. *festivum* Jepson, *Man. Fl. Pl. Calif.* 1132. 1925

U.S.A.: California, Humboldt Bay, *J.P. Tracy 1204*, May 1901, ISOTYPE

*Heleocharis amphibia* Durieu, *Act. Soc. Linn. Bord.* 21: 487 T2. 1858

FRANCE: in ripis fluvii Garonne prope Bordeaux, *Durieu*, 7, 1855, ? ISOTYPE

*Heleocharis haumaniana* Barros

ARGENTINA: Capital Federal, *M. Barros s.n.*, 15 Nov. 1925, TOPOTYPE

*Heleocharis haumaniana* Barros, *Ann. Mus. Hist. Nat. Buenos Aires.* 5: 482-484. 1928

ARGENTINA: Capital Federal, *M. Barros 179*, 15 Nov. 1925, TOPOTYPE

*Helianthemum nashi* Britton, *Bull. Torrey Bot. Cl.* 22: 147-148. 1895

U.S.A.: Florida, Lake Co., *G.V. Nash 815*, 16-31 May 1894, ISOTYPE

*Helianthemum serpyllifolium* Crantz, *Stirp. Austr. fasc.* 2: 101. 1769

AUSTRIA: Montis Schneeberg, *Beck*, *Fl. Ex. Aust.-Hung.* 884, TOPOTYPE

*Helianthus* ×*alexidis* Boivin, *Phytologia* 23(1): 73. 1972

CANADA: Manitoba, Lisgar District, Thornhill, 1 mile south, *J.F. Alex 121*, 4 Sept. 1957, HOLOTYPE

*Helianthus annuus* L. f. *fallax* Boivin

CANADA: Manitoba, Lisgar District, 1 to 3 miles west of Morden, *J.F. Alex 46, 49, 51*, 1 Sept. 1952, PARATYPES

*Helianthus annuus* L. f. *fallax* Boivin, *Nat. can.* 87: 35. 1960

CANADA: Saskatchewan, Forget, *Boivin & Breitung 6940*, 28 Aug. 1949, HOLOTYPE

*Helianthus couplandii* Boivin

CANADA: Saskatchewan, Cypress Hills, *W. Shevkenek s.n.*, July 1939, PARATYPE; 1 mile south of Maple Creek, *A.J. Breitung 4699*, 12 July 1947, PARATYPE; Watrous, *A.J. Breitung 1676*, 13 Aug. 1942, PARATYPE; rivage du lac Manito, 1 mille au nord Yonker, *Boivin & Alex 9810*, 13 juillet 1952, PARATYPE; Battleford District, Harris, *R.C. Russell S52007*, 7 Aug. 1952, PARATYPE; Alberta, east end Fish Lake, *A.H. Brinkman 5115*, 30 June 1941, PARATYPE; near Burns Packing Plant, east Calgary, *W.C. McCalla 11310*, 21 Aug. 1950, PARATYPE; Medicine Hat, *F. Fyles s.n.*, 29 July 1914, PARATYPE; Dominion Range Experiment Station southeast of Manyberries, *Dore & Breitung 12046*, PARATYPE; Lost River Canyon, *Boivin & Alex 9555*, 29 juin 1952, PARATYPE; along Old Man River, *W.G. Dore 11739*, 17 July 1950, PARATYPE; Medicine Hat, *Boivin & Alex 9466*, 24 juin 1952, PARATYPE

U.S.A.: California, San Bernardino County, near Ontario, *A.J. Breitung 14902*, 6 May 1953, PARATYPE; Colorado, 4 miles southeast of Denver, *H. Lloyd s.n.*, 11 Sept. 1948, PARATYPE; Comte de Morgan, Fort Morgan, *Boivin & Mosquin 11061*, 29 juillet 1955, PARATYPE; Alamosa County, Great Sand Dunes National Monument, *Parmelee & Hammond 3520*, 21 Sept. 1965, PARATYPE; Illinois, Pekin, *V.H. Chase 12857*, 30 July 1952, PARATYPE; Kansas, 13 miles southwest of Meade, *W.H. Horr E279*, 16 Aug. 1939, PARATYPE; Michigan, Beaver Island, *M.C. Ries s.n.*, 13 July 1932, PARATYPE; Minnesota, 6 miles south of St. Cloud, *Moore & Hall 19601*, 5 Aug. 1944, PARATYPE; Hennepin County, Minneapolis, *J.W. & M.F. Moore 10219*, 28 June 1938, PARATYPE; Nebraska, 4 miles north of Olgallala, *H. Lloyd s.n.*, 6 Sept. 1948, PARATYPE; New Mexico, 1 mille au sud de Carlsbad, *B. Boivin 13755*, 4 juillet 1960, PARATYPE; 2 milles au nord de Raton, *B. Boivin 13774*, 7 juillet 1960, PARATYPE; De Baca County, 10 miles south of Fort Sumner, *Parmelee & Hammond 3355*, 6 Sept. 1965, PARATYPE; North Dakota, Richland County, Leonard, *O.A. Stevens s.n.*, 4 Aug. 1936, PARATYPE; McHenry County, 11 miles east of Granville, *Boivin & Dore 8134*, 21 July 1951, PARATYPE; Route 2 west of Denbigh, *G.B. Rossbach 100*, 6 Sept. 1954, PARATYPE; Richland County, Leonard, *O.A. Stevens s.n.*, 4 Aug. 1936, PARATYPE; Texas, Comté de Potter, Rivière Canadienne, ca 18 milles au nord d'Amarillo, *B. Boivin 13762*, 6 juillet 1960, PARATYPE; Wisconsin, Milwaukee County, Milwaukee Harbor, *L.H. Shinnors 1276*, 20 Aug. 1939, PARATYPE; New Butler, *Pohl & Shinnors 959*, 4 Sept. 1939, PARATYPE; La Crosse County between La Crosse and Onalaska, *T.G. Hartley 2181*, 1 Aug. 1956, PARATYPE

*Helianthus couplandii* Boivin, *Phytologia* 23(1): 72. 1972

CANADA: Saskatchewan, Entre Big Stick Lake et Crane Lake, *B. Boivin 6682*, 28 juillet 1949, HOLOTYPE

*Helianthus nuttallii* T. & G. ssp. *canadensis* Long, *Brittonia* 18: 77. 1966

CANADA: Manitoba, Mont Tortue, *Boivin & Alex 10245*, 25 août 1952, HOLOTYPE

*Helichrysum barorum* Humbert, *Bull. Soc. Bot. France* 1930. 77: 683, 1931

MADAGASCAR: Mont Itrafanomby, *H. Humbert 13537*, Dec. 1933, TOPOTYPE

*Helichrysum calocladum* Humb., *Composeses Madag.* (Mem. Soc. Lin. Normand 25) 290. 1923

MADAGASCAR: Massif de l'Andringitra, *H. Humbert 3908*, 27 Nov. - 8 Dec. 1924, TOPOTYPE

*Helichrysum danguyanum* Humbert, Composées Madag. (Mem. Soc. Lin. Normand. 25) 71, 291. 1923

MADAGASCAR: Massif de l'Andringitra (Iratsy), *H. Humbert 3918*, 27 Nov. - 8 Dec. 1924, TOPOTYPE

*Helichrysum geayi* Humbert, Composées Madag. (Mem. Soc. Lin. Normand. 25) 80, 293. 1923

MADAGASCAR: Pic St. Louis (Fort Dauphin), *M.R. Decary 9953*, 3 juillet 1932, TOPOTYPE

*Helichrysum leucosphoerum* Baker, J. Linn. Soc. 21: 417. 1885

MADAGASCAR: Tsitamjuky, *M.R. Decary 7763*, 26 May 1930, TOPOTYPE

*Helichrysum mirabile* Humbert, Composées Madag. (Mem. Soc. Lin. Normand) 100, 289. 1923

MADAGASCAR: Pic. d'Tvohibe, *M. Decary 5398*, 1926, TOPOTYPE

*Helichrysum vagans* C.T. White, Proc. Roy. Soc. Queensland 1938. 50: 80. 1939

AUSTRALIA: Queensland, Springbrook, *C.T. White 8226*, 25 Oct. 1931, PARATYPE

*Heliocarpus diclinus* Hochr., Annuaire Conserv. Jard. Bot. Genève 20: 117. 1914

COLOMBIA: Santa Marta, *H.H. Smith 1908*, 1898-1901, ? ISOTYPE

*Heliopsis helianthoides* (L.) Sweet var. *fisheri* Boivin, Phytologia 23: 69. 1972

U.S.A.: Arkansas, Benton Co., Avoca, *D. Demaree 6648a*, 17 May 1929, HOLOTYPE

*Heliopsis helianthoides* (L.) Sweet ssp. *occidentalis* Fischer, Ohio J. Sci. 57: 189-190. 1957

U.S.A.: North Dakota, Cass Co., Fargo, *O.A. Stevens*, 10 July 1936, ? ISOTYPE

*Heliotropium cacicola* Fern., Proc. Amer. Acad. 43: 62-63. 1907

MEXICO: Guerrero, Iguala Canyon, *C.G. Pringle 10062*, 28 Sept. 1905, ISOTYPE

*Heliotropium erosum* Lehm., Neue Sch. Naturf. Ges. Halle iii II 15. 1817

CANARY ISLANDS: Gran Canaria, Las Palmas, *E. Asplund 1*, 1 Mar. 1933, TOPOTYPE

*Heliotropium maris-mortui* Zohary, Palest. Journ. Bot. Ser. II. 177. 1941

PALESTINE: Dead Sea Area, Kallirhoe, *Eig & Zohary*, 26 Oct. 1926, TYPE COLLECTION MATERIAL

*Heliotropium messerschmidoides* O. Kuntze, Rev. Gen. 438. 1891

CANARY ISLANDS: Tenerife, pag. Buenavista, *E. Asplund 577*, 27 Mar. 1933, TOPOTYPE

*Heliotropium serpentanicum* Rechinger, Ann. Naturhist. Mus. Wien 56: 202-203. 1948

IRAN: Shahrud-Bustam, in montibus a Sabzewar, *K.H. Rechinger 1318*, 1 July 1937, ISOTYPE

*Helipterum corymbiflorum* Schlecht. var. *intermedium* C.T. White, Publication unknown

AUSTRALIA: Queensland, Gregory South District, near Windorah, *S.T. Blake 12079*, 11 July

1936, ? TYPE COLLECTION MATERIAL

*Helleborus trifolius* Mill. ssp. *corsicus* Briq., Publication unknown  
CORSICA: NE de Bonifacia, *J. Stefani*, 15 fevrier 1903, TOPOTYPE

*Hemizonia arida* Keck, *Aliso* 4: 109. 1958  
U.S.A.: California, Kern Co., Red Rock Canyon, *E.C. Twisselman* 7095, 8 May 1962,  
TOPOTYPE

*Hemizonia congesta* DC. ssp. *tracyi* Babcock & Hall, *Univ. Calif. Pub. Bot.* 13: 46. 1924  
U.S.A.: California, Humboldt Co., *J.P. Tracy* 5817, 12 June 1921, TOPOTYPE

*Hemizonia minthornii* Jeps. *Man. Fl. Pl. Calif.* 1092. 1925  
U.S.A.: California, Los Angeles Co., Santa Susand Pass, *J.T. Howell* 23375, 17 July 1947,  
TOPOTYPE

*Hemizonia multicaulis* H. & A. ssp. *vernalis* Keck, *Aliso* 4: 110. 1958  
U.S.A.: California, Marin Co., Tiburon Peninsula, *J.I. McMurphy*, 9 June 1910, TOPOTYPE

*Hemizonia spicata* Greene, *Fl. Francisc.* 422. 1897  
U.S.A.: California, Calaveras Co., Milton, *Keck & Stockwell* 2513, 23 Aug. 1933, TOPOTYPE

*Hepatica nobilis* Garsault f. *rosea* Neumann, *Bot. Nat.* 149. 1885  
ROMANIA: Cluj, *E. Topa* (*Fl. Rom. ex.* 2863), 23 Mar. 1947, TOPOTYPE

*Hepatica transsilvanica* Fuss., *Verhand. und Mitt. d. sieb. Ver. f. Natur.* 1: 83. 1850  
HUNGARY: Kronstadt, Walz & Lanczy (Dörfler, *Herb. Norm.* 4702), Apr. & July 1900-1905,  
TOPOTYPE

*Heracleum granatense* Boissier, *Elench.* 49. 1838  
SPAIN: Regn. Granatense, Sierra Nevada, ad rivular in Dehesa, *Porta et Rigo iter III* 558, 1891,  
TOPOTYPE

*Heracleum nipponicum* Kitagawa, *Rep. Inst. Sc. Research Manchoukou* 2: 274. 1938  
JAPAN: Tokyo Pref., Dokanyama, Kita-ku, *T. Makino*, 25 May 1906, ? TYPE - PUBLICATION  
NOT AVAILABLE

*Hesperolinon didymocarpum* H.K. Sharsmith  
U.S.A.: California, Lake County, 8.7 miles south of Howard Springs, *H.K. Sharsmith* 5525, 19 May  
1965, TOPOTYPE

*Hesperolinon disjunctum* H.K. Sharsmith  
U.S.A.: California, Tehama County, 29 miles northwest of Paskenta, *H.K. Sharsmith* 4024, 12 July  
1951, PARATYPE; Stanislaus County, Arroyo des Puerto, Red Mountains, *H.K. Sharsmith*, 2.3



miles above Stanislaus County Labor Camp, *H.K. Sharsmith 4589*, 19 May 1957, PARATYPE; Glenn County, Black Diamond Ridge, Mendocino National Forest, *H.K. Sharsmith 4163*, 22 June 1955, PARATYPE; Napa County, one mile east of spur road to Samuela Springs, *H.K. Sharsmith 4118*, 1 June 1952, PARATYPE

*Hesperolinon didymocarpum* Sharsmith, Univ. Calif. Pub. Bot. 32(4): 302-303. 1961  
U.S.A.: California, Lake Co., Big Canyon Creek, *H.K. Sharsmith 4705*, 28 May 1959, PARATYPE

*Hesperolinon disjunctum* Sharsmith, Univ. Calif. Pub. Bot. 32(4): 300. 1961  
U.S.A.: California, Lake Co., Bartlett Springs road 4.5 miles southwest of Leesville, *Constance & Shan 3073*, 2 June 1946, PARATYPE

*Hesperolinon tehamense* H.K. Sharsmith  
U.S.A.: California, Glenn County, Inner North Coast Ranges, above South Branch Elk Creek, *H.K. Sharsmith 4164*, 22 June 1952, PARATYPE; Tehama County, 7.8 miles northwest of Paskenta, *H.K. Sharsmith 4026*, 12 July 1951, PARATYPE

*Hesperolinon tehamense* Sharsmith, Univ. Calif. Pub. Bot. 32(4): 298-299. 1961  
U.S.A.: California, Tehama Co., Mendocino National Forest, *H.K. Sharsmith 4018*, 11 July 1951, ISOTYPE

*Hesperomannia arborescens* Wawra var. *oahuensis*, Hilleb. Fl. Haw. Isl. 232. 1888  
HAWAIIAN ISLANDS: Oahu, *S. Carlquist 1910*, 2 July 1966, TOPOTYPE

*Hesperomannia swerzeyi* Degener, Fl. Hawaiiensis Fam. 344. 1935  
HAWAIIAN ISLANDS: Oahu, Black Junction, Kahuku Region, *Degener & Carroll 20546*, 26 Feb. 1950, TOPOTYPE

*Heteropappus hispidus* Less. var. *eriocephalus* Novop., Herb. Fl. Ross. Sched. 2771  
U.S.S.R.: Prov. Irkutsk, distr. Balagansk, Bashejewsky, *N. Maltsev*, 30 July 1906, ISOTYPE

*Heteropteris beecheyana* Juss., Arch. Mus. Par. 3: 475-476. 1843  
MEXICO: Morelos, near Cuernavaca, *C.G. Pringle 13794*, 14 Aug. 1906, TOPOTYPE

*Heterotheca zionensis* Semple, Brittonia 39(3): 384-385. 1987  
U.S.A.: Utah, Washington Co., W of Leeds on Silver Reef Rd., *Semple & Heard 7859*, 11 Sept. 1985, ISOTYPE

*Heuchera cylindrica* Dougl. var. *septentrionalis* R.B. & L., Minn. Stud. in Pl. Sc. 2: 139-140. 1936  
CANADA: Alberta, Banff, Tunnel Mt., *H.C. Cowles 102*, 24 June 1907, PARATYPE

*Heuchera ×easthamii* Calder & Savile, Brittonia 11(2): 54. 1959  
CANADA: British Columbia, Kispiox River, 14 mi. N of Hazelton, *Calder et al. 14748*, 19 Aug. 1954, HOLOTYPE and ISOTYPE

*Hevea benthamiana* Muell.-Arq., Linnaea 34: 204. 1865-66  
BRAZIL: Rio Vaupes, Tamaquari, above Bela Vista, *Schultes & Lopez 9013*, 8 Nov. 1947, TOPOTYPE

*Hibiscadelphus giffardianus* Rock, Hawaii Board Agric. Div. For. 1: 8. 1911  
HAWAIIAN ISLANDS: Mauna Loa, Puauulu, *J.F. Rock 8773*, April 1911, COTYPE

*Hibiscadelphus hualalensis* Rock, Hawaii Board Agric. Div. For. Div. 1: 14. 1911  
HAWAIIAN ISLANDS: Hawaii Volcanoes National Park, *Baker & Allen KP-HH-5*, 14 Dec. 1975, TOPOTYPE

*Hibiscadelphus ×puakuakiwi* Baker & Allen, Phytologia 33(4): 276. 1976  
HAWAIIAN ISLANDS: Hawaii Volcanoes National Park, Kipuka Ki, *Baker & Allen*, 15 Nov. 1975, TOPOTYPE (Type tree KK-HX-1)

*Hibiscus (Pentaspermum) altheaefolius* Shuttl. in A. Gray Pl. Wright. 1: 23. 1850  
U.S.A.: Florida, ad fl. Manate, *Rugel 102*, ISOTYPE

*Hibiscus brackenridgei* A. Gray, Bot. U. St. Expl. Exped. 1: 175. 1854  
HAWAIIAN ISLANDS: Oahu, *O. Degener 20943*, 2 Apr. 1950, TOPOTYPE

*Hibiscus ferrugineus* Cav., Diss. 3: 162 t. 60  
MADAGASCAR: Ambovombe, *M.R. Decary 8315*, 9 Dec. 1930, ? TYPE - PUBLICATION NOT AVAILABLE

*Hibiscus incana* Wendland, Bot. Beobacht. 54  
U.S.A.: Florida, Lake Co., Eustis, *G.V. Nash 673*, 1-15 May 1894, ? TYPE - PUBLICATION NOT AVAILABLE

*Hibiscus mutabilis* L. f. *roseoplenus* Makino, Publication unknown  
JAPAN: Osumi Pen., *T. Makino*, 1932, ? TYPE COLLECTION MATERIAL

*Hieracium alpinum* (L.) Backh. var. *alcaeum* Omang, Publication unknown  
SWEDEN: Torne Lappmark, Mt. Kirunavaara, *C.G. Alm*, 17 Aug. 1928, ? TYPE COLLECTION MATERIAL

*Hieracium anthracinum* Dahlst., Arkiv. Bot. Stock. 9: No. 1: 86. 1909  
SWEDEN: Jämtland, *C.O. Schlyter*, 23 Aug. 1899, TOPOTYPE

*Hieracium ×apatelium* Naeg. & Peter nm. *pinicolum* Lepage, Nat. can. 94: 617. 1967

U.S.A.: New Hampshire, Durham, *Hodgdon & Giddings 5385*, 7 juin 1947, HOLOTYPE

*Hieracium aterrimum* Hyl., Symb. Bot. Upsal 7(1): 176. 1943

SWEDEN: Blekingo, Kungsholmsfort i Karlskrona, *Hj. Hylander*, 15 June 1948, TOPOTYPE

*Hieracium australe* Fr. ssp. *mediolanense* Fen. & Zahn. in Engler's Bot. Jahrb. 61 (1927) Beibl.

ITALY: Longolbardia - Mediolanum, *L. Fenaroli*, 15 July 1926, TOPOTYPE

*Hieracium baeticum* Arvet-Touvet & Reverchon ex Herv., Rev. Gen. Bot 4: 154-155. 1892

SPAIN: Andalousie, Sierra de la Nieva, *E. Reverchon*, 12 juillet 1889, ISOTYPE

*Hieracium baenitzii* N.P., Die Hieracien Mittel-Europas 1: 694. 1885

GERMANY: Königsberg, *C. Baenitz*, 14 June 1890, TOPOTYPE

*Hieracium bracchiatum* Bert. ssp. *rastetteri* de Retz, Publication unknown

FRANCE: Haut Rhin, forêt de la Hardt, *V. Rastetter*, 14 & 21 juin, 5 & 14 juillet 1969, ? TYPE

COLLECTION MATERIAL

*Hieracium callimorphum* N.P. ssp. *petrakianum* Zahn, Publication unknown

CZECHOSLOVAKIA: Mährisch-Weisskirchen, *F. Petrak*, June 1924, ? TYPE COLLECTION

MATERIAL

*Hieracium canadense* Michx. var. *divaricatum* Lepage

CANADA: Quebec, Saint-Roch-des-Aulnais, *H. Groh s.n.*, 12 July 1926, PARATYPE; Rivière-du-

Loup, sur le chemin de Cacouna, *Hamel & Payette 807*, 2 août 1950, PARATYPE

*Hieracium canadense* Michx. var. *divaricatum* Lepage, Nat. can. 87: 77-79. 1960

CANADA: Quebec, Gaspé Co., Bonaventure Island, *W. Manger 123*, 1940, PARATYPE

*Hieracium canadense* Michx. var. *subintegrum* Lepage, Nat. can. 85: 88-91. 1958

CANADA: Quebec, Riv. Nottaway, *Dutilly & Lepage 35286*, 9 août 1957, ISOTYPE

*Hieracium canum* Naeg. u. Peter, ssp. *catoschistum* Naeg. u. Peter, Monog. d. Pilosell. 428. 1885

AUSTRIA: prope "Znaim", *A. Oborny*, June 1896, (Herb. Norm. ed. I. Dörfler 3570),

TOPOTYPE

*Hieracium cerinthoides* L. ssp. *vivanti* de Retz, Publication unknown

FRANCE: Basses Pyrenees, d'Escot, *J. Vivant*, 6 juillet 1967, ? TYPE COLLECTION

MATERIAL

*Hieracium cladanthum* Arvet-Touvet ex Fletcher in Clark & Fletcher, Farm Weeds of Canada,

Dept. Agriculture, p. 63. 1906; Les Mauvaise Herbes du Canada, Ministère de L'Agriculture, P.

69. 1906

CANADA: Quebec, Matapedia, *D. Wheeler*, 24 Sept. 1896, TYPE COLLECTION MATERIAL

*Hieracium columbianum* Rydb., Bull. Torrey Bot. Club 28: 513. 1901

U.S.A.: Idaho, Canyons near Farmington Landing, Lake Coeur d'Alene, *Sandberg et al.* 573, 7 July 1892, PARATYPE

*Hieracium crebiserratum* Hyl., Symb. Bot. Upsal 7: 1: 235. 1943

SWEDEN: Uppland, Lidingö, Kappsta park, *S. Nordenstam*, 3 Aug. 1964, TOPOTYPE

*Hieracium deganwyense* Pugsley, Jour. bot. Lond. 79: 180. 1942

ENGLAND: Deganwy, Denbigh, *H.W. Pugsley*, 8 July 1929, HORTOTYPE

*Hieracium döllianum* Zahn in Dörfler Herb. Normale No.3576. 1898

GERMANY: Badena prope "Bruchsal", *H. Zahn*, 5 June 1898, ISOTYPE

*Hieracium* ×*dorei* Lepage

CANADA: Prince Edward Island, Queens County, Hunter River, *D. Erskine* 1248, 8 July 1952, PARATYPE; New Brunswick, Charlotte County, Tower Hill, *Hall & Muenscher* 183a, 28 June 1952, PARATYPE; Tower Hill, *W.G. Dore* 9826, 10 June 1949, PARATYPE

*Hieracium* ×*dorei* Lepage, Nat. can. 94: 618. 1967

CANADA: New Brunswick, Charlotte Co., Tower Hill near Moore's Mills, *Dore & Hall* 13723, 5 July 1952, HOLOTYPE

*Hieracium epimedium* Fries, Epsicris. Hierac. 103. 1862

FRANCE: Savoie, Mt. Mirandin, *Perrier*, 2 Aug. 1867, TOPOTYPE

*Hieracium fickii* Uechtr. ex Nym., Consp. Fl. Eur. Suppl. ii. 1(1889): 191

CZECHOSLOVAKIA: Silesia, Riesengebirge, *Fick*, Sept. 1892, TOPOTYPE

*Hieracium firmiramum* Hyl., Symb. Bot. Upsall 7(1): 194. 1943

SWEDEN: Uppland, Uppsala, in declivo inter arcem et "Blekebacke", *H. Smith*, 10 June 1943, TOPOTYPE

*Hieracium* ×*flagellare* Willd. nm. *pilosius* Lepage

CANADA: Quebec, comté de Rimouski, St-Simon, *E. Lepage* 15155, 24 juin 1966, PARATYPE

*Hieracium* ×*flagellare* Willd. nm. *pilosius* Lepage, Nat. can. 94: 615. 1967

CANADA: Quebec, Rimouski Co., St. Simon, *E. Lepage* 15138, 21 juin 1966, HOLOTYPE

*Hieracium glomeratum* Fr. var. *curtipilum* Dahlstedt, Publication unknown

SCANDINAVIA: Öland, *H. Dahlstedt*, 1885, ? TYPE COLLECTION MATERIAL

*Hieracium gouanii* A.-T., Bot. Soc. Arag. 11: 205. 1912

SPAIN: Catalogne, Pyrénées à Ripoll, *F. Sennen*, Sept. 1910, ? TYPE COLLECTION

## MATERIAL

*Hieracium gratense* Arv.-Touv. & Gaut., Bull. Soc. Bot. France 51: LX. 1904  
SPAIN: Grenade, Sierra del Pinar, *El. Reverchon 1213*, juillet 1900, ? ISOTYPE

*Hieracium* ×*grohii* Lepage, Nat. can. 87: 100-102. 1960  
CANADA: Quebec, Rivière-du-Loup, *H. Groh*, 17 Aug. 1926, HOLOTYPE

*Hieracium heteradenum* A.T. & Cadevall, Bol. Soc. Arag. 11: 205. 1912  
SPAIN: Catalogne, *F. Sennen 1315*, 1 Aug. 1911, ? TYPE - PUBLICATION NOT AVAILABLE

*Hieracium hoppeanum* Schult. var. *subpeleterianum* A.T. f. *depressa* A.T., Publication unknown  
SPAIN: Sierra del Pinar d'Albarracin, *E. Reverchon 1165*, juin 1899, ? TYPE COLLECTION MATERIAL

*Hieracium juranum* Fries ssp. *pseudohemiplecum* Zahn var. *ramosofastigiatum* Zahn, Publication unknown  
EUROPE: Zentralalp, Rütland unterhalb Arosa, *C. Coaz*, 27 July 1924, ? TYPE COLLECTION MATERIAL

*Hieracium kalmii* L. var. *magnilacustre* Lepage, Nat. can. 88: 46. 1960  
CANADA: Ontario, Thunder Bay District, Port Arthur, *D. Lindsay 1267*, 24 July 1957, HOLOTYPE

*Hieracium lepiocladus* Naegeli & Peter var. *striatilingua* Vollmann & Zahn, Publication unknown  
AUSTRIA: Oberbayern, Kirchseeon bei München, *Fr. Vollmann*, 17 June 1911, ? TYPE COLLECTION MATERIAL

*Hieracium leptophyton* N.P. ssp. *orthochaetum* Ob. & Zahn f. *substriatum* Zahn, Publication unknown  
CZECHOSLOVAKIA: Mährisch-Weisskirchen, E. Bohemia, *F. Petrak*, June 1924, ? TYPE COLLECTION MATERIAL

*Hieracium megacephalon* Nash, Bull. Torrey Bot. Club 22: 152-153. 1895  
U.S.A.: Florida, Eustis, *G.V. Nash 390*, 1894, TYPE COLLECTION MATERIAL

*Hieracium murorum* L. var. *acroleucum* Stenström, Publication unknown  
SWEDEN: Wärmeland, Gordsjö, *K.O.E. Stenström*, 1885, ? TYPE COLLECTION MATERIAL

*Hieracium murorum* L. ssp. *contreanum* de Retz, Publication unknown  
FRANCE: Charente, Champagne-de-Blanzac, *E. Contré*, 19 mai 1968, ? TYPE COLLECTION MATERIAL

*Hieracium murorum* L. ssp. *contreanum* de Retz var. *submaculatum* de Retz, Publication unknown

FRANCE: Charente, Vaux-Rouillac, *E. Contré*, 19 mai 1968, ? TYPE COLLECTION MATERIAL

*Hieracium murorum* L. var. *galbanum* Dahlstedt, Publication unknown

SWEDEN: Östergötland, *H. Dahlstedt*, 1884, ? TYPE COLLECTION MATERIAL

*Hieracium murorum* L. ssp. *gentile* Jord. var. *silvivagum* Jord, Publication unknown

U.S.S.R.: 18 June 1954, ? TYPE COLLECTION MATERIAL

*Hieracium murorum* L. var. *pilosissimum* A.T., Publication unknown

SPAIN: Sierra de Camarena, *E. Reverchon 806*, juin 1892, ? TYPE COLLECTION MATERIAL

*Hieracium murorum* L. var. *pseudodiaphunum* Dahlstedt, Publication unknown

SWEDEN: Vaxholm, *O. Juel*, 9 July 1885, ? TYPE COLLECTION MATERIAL

*Hieracium murorum* L. var. *reclinatiforme* Dahlstedt, Publication unknown

SWEDEN: *H. Dahlstedt*, 1827, ? TYPE COLLECTION MATERIAL

*Hieracium praecox* Sch.-Bip. ssp. *glaucinum* Jord. var. *ellipticifolium* de Retz, Publication unknown

FRANCE: Cote d'Or, le long de la route de Dijon à Chatillon, *B. de Retz 50444*, 3 juin 1963, ? TYPE COLLECTION MATERIAL

*Hieracium protractifrons* Hyl., Symb. Bot. Upsal 7: 1: 256. 1943

SWEDEN: Blekinge, Kungsholmfort i Karlskrona, *Hj. Hylander*, 15 June 1948, TOPOTYPE

*Hieracium ravaudii* Arv.-Touv., Monog. Pil. et Hier. 58. 1888

FRANCE: Villard-de-Lans (Isère), *A. Ravaud*, 30 June 1874 (Soc. Dauph. 481), TOPOTYPE

*Hieracium rusbyi* Greene, Bull. Torrey Bot. Club 9: 64. 1882

U.S.A.: New Mexico, Mogollon Mountains, *H.H. Rusby*, Aug. 1881, ISOTYPE

*Hieracium scabriusculum* Schwein. var. *saximontanum* Lepage

CANADA: Alberta, Cypress Hills, Grayburn Butte, *A.J. Breitung 5092*, 25 July 1947, PARATYPE; British Columbia, Grand Forks, *E.G. Anderson 1012*, 25 July 1950, PARATYPE; near airport just west of Hope, *Calder & Savile 10432*, 13 July 1953, PARATYPE; about 2 miles NW of west end of Tachik Lake, *Calder et al. 14517*, PARATYPE; Columbia Lake cabins between Canal Flats and Fairmont, *J.W. Eastham 15837*, 14 July 1947, PARATYPE

*Hieracium scabriusculum* Schwein. f. *chrysostylum* Lepage, Nat. can. 87: 64-65. 1960

CANADA: Quebec, co. d'Argenteuil, St-Adolphe, *Rolland-Germain 2200*, 2 août 1949, ISOTYPE

*Hieracium scabriusculum* Schwein. var. *columbianum* (Rydb.) Lepage f. *phaeostylum* Lepage, Nat. can. 87: 67. 1960

CANADA: Alberta, Edmonton, *E.H. Moss 4346*, 9 Sept. 1937, ? PARATYPE

*Hieracium scabriusculum* Schwein. var. *perhirsutum* Lepage, Nat. can. 88: 44. 1961

CANADA: Saskatchewan, 20 mi. S of Meadow Lake, *A.J. Breitung 8171*, 5 Aug. 1949, HOLOTYPE

*Hieracium scabriusculum* Schwein. var. *saximontanum* Lepage, Nat. can. 87: 69-71. 1960

CANADA: British Columbia, one mile north of 100 Mile House between Clinton and Williams Lake, *Calder et al. 15483*, 5 Sept. 1954, HOLOTYPE

*Hieracium scabrium* Michx. var. *leucocaule* Fern. & St. John, Rhod. 16: 182. 1914

CANADA: Nova Scotia, Sable Island, *H.T. Gussow*, Sept. 1911, PARATYPE

*Hieracium scandinavicum* Dahlstedt ssp. *amblycephaloides* Dahlstedt, Publication unknown

SWEDEN: Jemtland, Ärc, *O. Köhler*, 15 July 1898, ? TYPE COLLECTION MATERIAL

*Hieracium silvaticum* L. var. *cautiosum* Dahlstedt, Publication unknown

SWEDEN: Östergötland, *H. Dahlstedt*, 1883, ? TYPE COLLECTION MATERIAL

*Hieracium sparsiguttatum* Hyl, Symb. Bot. Upsal. 7(1): 133. 1943

SWEDEN: Karlskrona, Sunna Villa Viks park, *Hj. Hylander*, 4 June 1948, TOPOTYPE

*Hieracium* ×*stoloniferum* Waldst. & Kit. nm. *cayouetteanum* Lepage, Nat. can. 94: 610. 1967

CANADA: Quebec, Cté de Québec, Sainte-Foy, *Demarais & Cayouette*, 29 juin 1949, ISOTYPE

*Hieracium* ×*stoloniflorum* Waldst. & Kit. nm. *laurentianum* Lepage, Nat. can. 94: 610-611. 1967

CANADA: Quebec, Rimouski Co., St. Simon, *E. Lepage 15129*, 21 juin 1966, HOLOTYPE

*Hieracium subinquilinum* Ohlsén, Arkiv. Bot. Stock. 33: A No. 13: 26-27. 1949

SWEDEN: Västergötland: Lerum parish, Hulan Park, *R. Ohlsén*, 15 July 1946, TYPE COLLECTION MATERIAL

*Hieracium succicum* Fr. var. *islandica* (Lge.) Dt., Act. Hort. Bergiani II 4: 15-16. 1893

ICELAND: Sudvesturland, Reykjavik, *E. Evers*, 16 July 1963, TOPOTYPE

*Hieracium sugermaniciforme* Zahn ssp. *pseudoradiane* Zahn, Publication unknown

CZECHOSLOVAKIA: Mährisch-Weisskirchen, *Hruby*, June 1926 ? TYPE COLLECTION MATERIAL

*Hieracium thuringorum* Sagorski, Deutsch. Bot. Monatsschr. 15(1): 201. 1897

GERMANY: Thüring, Steinbrüche bei Koesen, *Sagorski*, June 1895, TOPOTYPE

*Hieracium umbellatum* L. ssp. *brevifolioides* Zahn, Publication unknown  
EUROPE: Föhrenbez, Unterhalb Maladers, *Meisser & Zahn*, 22 Sept. 1923, ? TYPE  
COLLECTION MATERIAL

*Hieracium ungavense* Lepage, Nat. Can. 85: 17. 1958  
CANADA: Quebec, Flore de la Baie-James, Route Chisasibi-Radisson, km 13, Cayouette & Darbyshire J86-300, 14 août 1986, TOPOTYPE

*Hieracium unguiculatum* Hyl., Symb. Bot. Upsal. 7(1): 270. 1943  
SWEDEN: Blekinge, Kungsholmsfort i Karlskrona skärgård, *Hj. Hylander*, 20 June 1946, TOPOTYPE

*Hieracium yvesianum* A.-T., Hierac. Cat. Syst. 268. 1913  
FRANCE: Alpes-Maritimes, *A. Saint-Yves*, TOPOTYPE

*Hieracium zygophorum* Hyl., Symb. Bot. Upsal. 7(1): 130. 1943  
SWEDEN: Karlskrona, Yttre Vaino, Villa Viks park, *Hj. Hylander*, 15 June 1947, TOPOTYPE

*Hierochloe orthantha* Sorensen, Med. om Gron. 136: 1-2. 1954  
U.S.A.: New York, Whiteface Mtn., near Lake Placid, *A.S. Hitchcock* (Amer. Gr. Nat. Herb. 438), 17 Aug. 1917, PARATYPE

*Hierochloe pauciflora* R.Br., Chlor. Melv. 35. 1823  
CANADA: District of Franklin, Melville Island, *G. Parker 61a*, 7 Aug. 1974, TOPOTYPE

*Hierochloe pauciflora* R.Br. f. *setigera* Lepage, Nat. can. 81: 255. 1954  
CANADA: Ontario, cap Henrietta Maria, *Dutilly & Lepage 31124*, 10 août 1953, ISOTYPE

*Hippia stolonifera* Broteri, Fl. Lusita 1: 373. 1804  
SPAIN: Coimbra, *W. Rothmaler*, 11 May 1936, TOPOTYPE

*Hippocratea foliosa* Rusby, Descriptions of Three Hundred New Species of South American Plants, p. 54. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 893* (1898-1901), ? ISOTYPE

*Hiraea oblongifolia* DC., Prodr. 1: 585. 1824  
COLUMBIA: Santa Marta, *H.H. Smith 336*, 1898-1901, ISOTYPE

*Hiraea sanctae-martae* Morton, Proc. Biol. Soc. Wash. 46: 88. 1933  
COLOMBIA: Santa Marta, *H.H. Smith 1514*, 1898-1901, ? PARATYPE

*Hoffmannia pauciflora* Standley, Publ. Field Colombian Mus. Bot. Ser. 4: 282. 1929



COLOMBIA: Santa Marta, *H.H. Smith 1814*, 1898-1901, ? ISOTYPE

*Holcus setiglumis* Bss. & Reut. ssp. *duriensis* Silva, Publication unknown

PORTUGAL: Tras-os-Montes, *Silva et al. 4797*, 22 mai 1951, ISOTYPE

*Holmskioldia speciosa* Hutch. & Corb., Kew Bull. 1920: 332

SOUTH AFRICA: Transvaal, Komati Poort, *I.B. Pole-Evans 16879H*, 29 Nov. 1917, ISOTYPE

*Holodiscus austrus* Heller. Bull. Torrey Bot. Club 25: 194. 1898

U.S.A.: New Mexico, Santa Fey Canon, 9 miles east of Santa Fey, *A.A. & G. Heller 3840*, 12 July 1897, ISOTYPE

*Homalium oppositifolium* Baillon, Soc. Bot. Linn. Paris 1: 575. 1889

MADAGASCAR: Farafangana, *M. Decary 5757*, 2 Mar. 1927, TOPOTYPE

*Hopea hainanensis* Merr. & Chun, Sunyatsenia 5: 134. 1940

CHINA: Hainan, Kum-Yun District, Chou-Lun, north of E-Wong Shan, *H.Y. Liang 65329*, 26 Feb. 1934, PARATYPE

*Hordeum californicum* Covas & Stebbins, Madrono 10: 7. 1949

U.S.A.: California, E of Carmel, *G.L. Stebbins 3435*, 28 May 1944, PARATYPE

*Hordeum hexaploidum* Covas, Rev. Argent. Agron. 17: 230. 1950

CULTIVATED AT OTTAWA: from seed from Rio Negro Expt. Sta., *J.W. Chapman*, 16 Aug. 1949, HORTOTYPE

*Hordeum leporinum* Link var. *simulans* Bowden

CULTIVATED: from seed, *Gentry 12918* from Afghanistan, 8 miles south-west of Maimana, via U.S.D.A. *P.I. No. 211049*, PARATYPE (4 sheets); from seed from Botanic Garden Hort. Bot. RSS, Turcomaniae Ashkhabad, USSR, PARATYPE; from seed, *R.K. Godfrey 82*, from Turkey, 110 km southeast of Ankara along route 60, via U.S.D.A., *P.I. No. 204705*, PARATYPE (3 sheets)

*Hordeum leporinum* Link var. *simulans* Bowden, Can. J. Bot. 40: 1694. 1962

CULTIVATED: from seed, *Gentry 12910*, from Afghanistan, Maimana, via U.S.D.A. *P.I. No. 211046*, HOLOTYPE and ISOTYPE

*Hordeum nevskianum* Bowden, nom. nov., Can. Jour. Genetics and Cytology 7: 396. 1965, based on *H. brevisubulatum* sensu Nevski, Acta Inst. Botan. Nom. Komarov. Acad. Sci. U.R.P.S.S. Flora et systematica plantae vasculares, Ser. 1, Fasc. 5: 175. 1941

*Hordeum rosevitzii* Bowden, nom. nov., Can. Jour. Genetics and Cytology 7: 395. 1965, based on *Elymus sibiricus* L.

*Hosackia incana* Torrey, Pacific R.R. Rept. 4: 79. 1856

U.S.A.: California, Nevada Co., Bear Valley Grade, Hwy. 20, *L.S. Rose 70056*, 28 May 1970, TOPOTYPE

*Hosackia ornithopus* Greene, Bull. Calif. Acad. 1: 185. 1885  
MEXICO: Guadalupe Island, *Weber & McCoy 11973*, 19-29 Apr. 1963, TOPOTYPE

*Hosackia wrightii* Gray, Pl. Wright. 2: 42. 1852  
U.S.A.: New Mexico, *Frière*, ? TOPOTYPE

*Houstonia longifolia* Gaertner var. *compacta* Terrell, Rhod. 61: 201-204. 1959  
U.S.A.: West Virginia, Cabell Co., Roland Park, *F.A. Gilbert*, 9 July 1937, June 1939 (Pl. Ex. Gray 987), ISOTYPE

*Houstonia longifolia* Gaertner var. *musci* Boivin  
CANADA: Manitoba, Brandon, *H. Marshall 34*, 2 June 1946, PARATYPE; 2 miles west of Shilo, *Boivin & Dore 8263*, 24 July 1951, PARATYPE; Treesbank, *F. Fyles s.n.*, 16 July 1914, PARATYPE; Awene, *H. Groh s.n.*, 9 June 1932, PARATYPE; Shilo Camp, *Frankton & Bibbey 97*, 13 June 1947, PARATYPE; Saint-Lazare, *Boivin & Alex 9290*, 14 juin 1952, PARATYPE; Riding Mountain National Park, east gate, *J.S. Rowe 510*, 25 June 1950, PARATYPE; Brokenhead, *Boivin et al. 10658*, 24 juin 1955, PARATYPE; Reserve Forestière Whiteshell, Lac Falcon, *Boivin et al. 13042*, 24 juin 1959, PARATYPE; near Pointe du Bois, *A. & D. Löve 5546*, 22 June 1952, PARATYPE; Saskatchewan, 3 miles west of McKague, *A.J. Breitung 591*, 30 June 1940, PARATYPE; McKague, *A.J. Breitung s.n.*, 18 June 1934 (fls.), 9 July 1936 (frt.), PARATYPE; 6 miles southwest of McKague, *A.J. Breitung s.n.*, 2 Aug. 1936, PARATYPE; 5 miles east of Esterhazy, *G.W. Selleck 76*, 25 June 1954, PARATYPE; 12 miles north of Meadow Lake, *A.J. Breitung 8475*, 20 Aug. 1949, PARATYPE; Macdowell, *R.C. Russell S4147*, 4 July 1951, PARATYPE; Prince Albert, *Ledingham & Hudson 910*, 24 May 1952, PARATYPE; Nisbet Provincial Forest east of Prince Albert, *Boivin & Breitung 6114*, 20 June 1949, PARATYPE; 1 mile north of St. Louis, *Senn et al. 2803*, 11 Aug. 1946, PARATYPE; Alberta, near Edmonton, *E.H. Moss 4002*, 6 June 1936, PARATYPE; north of Fort Saskatchewan, *E.H. Moss 10257*, 20 July 1953, PARATYPE

*Houstonia longifolia* Gaertner var. *musci* Boivin, Phytologia 16: 29. 1968  
CANADA: Alberta, 2 miles north of Bruderheim, *Boivin et al. 10176*, 18 Aug. 1952, HOLOTYPE

*Houstonia longifolia* Gaertner var. *soperi* Boivin  
CANADA: Ontario, Burford, *T.W. Burgess s.n.*, 21 June 1884, PARATYPE; comté de Norfolk, Normandale, *Marie-Victorin et al. 46377*, 3 juillet 1936, PARATYPE; Saint Williams, *Marie-Victorin et al. 46424*, 3 juillet 1936, PARATYPE; Walsingham, *W.G. Dore 44-27*, 28 June 1944, PARATYPE; west of Simcoe, *J. Dearness 935*, 1 June 1889, PARATYPE

*Houstonia longifolia* Gaertner var. *soperi* Boivin, Phytologia 16: 30. 1968  
CANADA: Ontario, Turkey Pt., *J.H. Soper 588*, 4 July 1938, HOLOTYPE

- Houstonia montana* Small, Rhod. 61: 169-171. 1959  
U.S.A.: North Carolina, Mitchell Co., Roan Mountain, Lyon's Bluff, *Small & Heller*, 16 July 1891, PARATYPE
- Humata huahinensis* Copel., Bishop Mus. Bull. 93: 11 t.12B.1932  
SOCIETY ISLANDS: Ile de Huahine, *E.A. de la Rüe*, 23 Mar. 1955, TOPOTYPE
- Huperzia appalachiana* Beitel, Amer. Fern. J. 82: 45-46. 1992  
CANADA: Ontario, Thunder Bay District, west end of little Pigeon Bay, *C.E. Garton 1909*, 18 July 1952, PARATYPE
- Huperzia appalachiana* Beitel & Mickel, Amer. Fern. J. 82(2): 45. 1992  
U.S.A.: New York, Essex Co., Mt. Marcy, *Lawrence & Dress 433*, 30 July 1948, TOPOTYPE
- Hutera rupestris* Porta et Rigo, Atti Accad. Agiati 9: 6. 1891 (1892)  
SPAIN: prope Alcaraz, *Porta & Rigo 719(149)*, 1891, TOPOTYPE
- Hybanthus havanensis* Jacq., Enum. Syst. Pl. 17. 1760  
CUBA: Santa Clara Province, Las Vegas de Matagua, *R.A. Howard 6274* (Pl. Ex. Gray 1166), 8 Aug. 1941, TOPOTYPE
- Hydrophyllum albifrons* Heller, Bull. Torrey Bot. Club 25: 267. 1898  
U.S.A.: Idaho, Nez Perces Co., Lake Waha, *A.A. & E.G. Heller 3269*, 20 June 1896, ISOTYPE
- Hydrophyllum occidentale* (Wats.) Gray var. *fendleri* Gray, Proc. Am. Acad. Arts & Sci. 10: 314. 1875  
U.S.A.: New Mexico, Santa Fe Canyon, *A.A. & E.G. Heller 3644*, 2 June 1897, TOPOTYPE
- Hydrophyllum thompsonii* Peck, Torreya 28: 55. 1928  
U.S.A.: Oregon, Wasco Co., The Dalles, *J.W. Thompson 11355*, 18 Apr. 1935, TOPOTYPE
- Hymenopappus arenosus* Heller, Bull. Torrey Bot. Club 25: 200-201. 1898  
U.S.A.: New Mexico, Santa Fe Co., *A.A. & E.G. Heller 3542*, 17 May 1897, ISOTYPE
- Hymenopyramis parvifolia* Moldenke, Phytologia 5: 339-340. 1956  
THAILAND: NE, Loel, Wang Sphung, Sithan, *Dee 443*, 15 Sept. 1951, TOPOTYPE
- Hyoseris radiata* L. var. *hispida* Gavelle, Publication unknown  
FRANCE: Grasse, *G. Gavelle*, 29 Mar. 1967, ? TYPE COLLECTION MATERIAL
- Hypericum adpressum* Barton var. *spongiosum* Robins., Rhod. 4: 136. 1902  
U.S.A.: Massachusetts, Flax Pond, Bourne, *C.G. Kennedy et al.* (Pl. Ex. Gray 234), 15 Sept. 1901, ISOTYPE

*Hypericum canadense* L. var. *magninsulare* Weatherby, Rhod. 30: 188. 1928  
CANADA: New Brunswick, Grand Manan, *Weatherby & Weatherby* (Pl. Ex. Gray 568), 14  
Aug. 1927, TOPOTYPE

*Hypericum erectum* Thunb. var. *caespitosum* Makino, Publication unknown  
JAPAN: Tokyo Pref., Oizumi, Nerima-ku, *T. Makino*, Sept. 1926, ? TYPE COLLECTION  
MATERIAL

*Hypericum glandulosum* Dryland in Ait., Hort. Kew Ed. I, 3: 107. 1789  
CANARY ISLANDS: Nivaria, *E.R. Sventenius* 39, 2 May 1957, TOPOTYPE

*Hypericum grandiflorum* Choisy, Prod. Mon. Hyper 38. 1821  
CANARY ISLANDS: Tenerife, Valle de Orotava, *E. Asplund*, 33 Mar. 1933, TOPOTYPE

*Hypericum graveolens* Buckley, Am. J. Sc. 45: 174. 1843  
U.S.A.: North Carolina, Buncombe Co., Craggy Mountain, *Biltmore Herbarium* 5543, 13 July &  
12 Aug. 1897, TOPOTYPE

*Hypericum umbellatum* A. Kerner, Oesterr. bot. Zeitsch. 13: 141- 142, 247  
AUSTRIA: Transsilvania, in montibus Bihariensibus supra Vidram in monte Pietra Strucu,  
*Simkovics*, (Fl. ex. Aust.-Hung. 519), TOPOTYPE

*Hypericum vulcanicum* Koidzumi f. *nigrum* Kimura, Publication unknown  
JAPAN: Prov. Ugo, Hondo, Mt. Ninbetsu, Ninbetsu-mura, Minamiakita-gun, *T. Makino*, 1927, ?  
TYPE COLLECTION MATERIAL

*Hypochoeris carpathica* Pax, Österr. Bot. Zeitschr. 1895, p. 26-27  
HUNGARY: Montes Nagy Fatra, *Huljak & Margittai* (Fl. Hung. ex. 596), 26 July 1913, 17 July  
1915, TOPOTYPE

*Hypochoeris pampasica* Cabrera, Rev. Mus. La Plata n.s. Secc. Bot. 4: 395-397. 1941  
ARGENTINA: Partido de Pellegrini, *A.L. Cabrera* 6904, 28 Nov. 1940, PARATYPE

*Hypoestes floribunda* R.Br., Prodr. 474. 1810  
AUSTRALIA: *R. Brown* 1802-5, ? ISOTYPE

*Iberis cepeaefolia* Wulfen in Jacq. Miscell. II. p. 28. 1781  
AUSTRIA: Carinthia, ad pedem montis "Königsberg" prope Raibl in valle Canalensi, *Jabornegg*  
(Fl. Aust.-Hung. 588), TOPOTYPE

*Icacorea granatensis* Rusby, Descriptions of Three Hundred New Species of South American  
Plants, pp. 78-80. 1920  
COLOMBIA: Santa Marta, *H.H. Smith* 432 (1898-1901), ? ISOTYPE

*Icacorea herbert-smithii* Rusby, Descriptions of Three Hundred New Species of South American Plants, p. 80. 1920

COLOMBIA: Santa Marta, *H.H. Smith 859* (1898-1901), ? ISOTYPE

*Ilex anomala* H. & A., Bot. Beech. Voy. 111. 1841

HAWAIIAN ISLANDS: Kona, *O. Degener 20244*, 16 Aug. 1949, TOPOTYPE

*Ilex canariensis* Poir., Encyc. Suppl. 3: 67. 1813

CANARY ISLANDS: Tenerife, Ladera de Santa Ursula, *E. Asplund 1112*, 5 May 1933, TOPOTYPE

*Ilex nipponica* Makino, Bot. Mag. Tokyo 33. 1900

JAPAN: Hida Prov., *T. Makino*, 1925, ? TYPE - PUBLICATION NOT AVAILABLE

*Ilex pringlei* Standley, Contrib. U.S. Nat. Herb. 23: 675. 1923

MEXICO: Puebla, Honey Station, *C.G. Pringle 10003*, 25 Apr. 1904, ISOTYPE

*Ilex tonii* Lundell, Wrightia 4: 135. 1970

MEXICO: Chiapas, Amatenango del Valle, *A.S. Ton 2169*, 14 Mar. 1967, ISOTYPE

*Iliamna remota* Greene, Leaflet Bot. Obs. 1: 206-207. 1906

U.S.A.: Illinois, Altorf Isl., Kankakee River, *E.E. Sherff 5050*, 28 July 1947, TOPOTYPE

*Inula denticulatae* Borbas, Oest. Bot. Zeitschr. 38: 325. 1888

HUNGARY: inter Budapest et Rakos-Palota, *Borbas* (Fl. ex Austro-Hungarica 3802), TOPOTYPE

*Inula subfloccosa* Rech. f. Anz. Österr. Akad. Wiss., Math.-Nat. 93: 101, 1956

GREECE: Euboea, *K.H. Rechinger 19045*, 23 June 1958, TOPOTYPE

*Ionoxalis obliqua* Rose, N. Amer. Fl. 25: 38. 1907

MEXICO: Hidalgo, Honey Station, *C.G. Pringle 8892*, 30 Apr. 1904, ISOTYPE

*Ionoxalis vallicola* Rose, N. Amer. Fl. 25: 39. 1907

MEXICO: Federal District, valley of Mexico, *C.G. Pringle 11326*, 8 July 1902, TOPOTYPE

*Iphiaea maris-mortui* Eig & Feinbr., Israel J. Bot. 15: 22. 1966

PALESTINE: Moav, estuary of Arnon River, *A. Eig*, 3.4.1925, PARATYPE

*Ipomoea caudata* Fernald, Proc. Amer. Acad. 36: 489. 1901

MEXICO: Morelos, Sierra de Tepoxtlán, *C.G. Pringle 13590*, 5 Sept. 1905, TOPOTYPE

*Ipomoea hilarifolia* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 103-104. 1920

COLOMBIA: Santa Marta, *H.H. Smith 2109* (1898-1901), ? ISOTYPE

*Ipomoea igualensis* Weatherby, Proc. Amer. Acad. 45: 427. 1910

MEXICO: Guerrero, Iguala canyon, *C.G. Pringle 10054*, 21 Sept. 1905, ISOTYPE

*Ipomoea lozani* Painter, Coult. Bot. Gaz. 43: 411. 1907

MEXICO: Queretaro, San Juan del Rio, *C.G. Pringle 10029*, 18 Aug. 1905, ? ISOTYPE

*Iresine pringlei* Watson, Proc. Am. Acad. 25: 161. 1890

MEXICO: Jalisco, Guadalajara, *C.G. Pringle 11698*, 17 Oct. 1903, TOPOTYPE

*Iris thompsonii* Foster, Rhod. 38: 199-200. 1936

U.S.A.: California, Del Norte Co., Douglas Park on Smith River, *J.W. Thompson 12903*, 24 June 1936, TOPOTYPE

*Irmischia aristata* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 93-94. 1920

COLOMBIA: Santa Marta, *H.H. Smith 1901* (1898-1901), ? ISOTYPE

*Isachne chinensis* Merrill, Phil. J. Sci. Bot. 12: 102. 1917

CHINA: Kwangtung Province, Loh Fau Mountain (Lofaushan), *E.D. Merrill 10982*, 9-27 Aug. 1917, TOPOTYPE

*Isoetes acadiensis* Kott, Can. J. Bot. 59: 2592. 1981

CANADA: Nova Scotia, Halifax Co., L.S. Kott 521, 18 Aug. 1977, HOLOTYPE

*Isoetes appalachiana* D.F. Brunton & D.M. Britton, Rhodora 99:129. 1997

U.S.A.: Pennsylvania, Blair Co., Tipton Reservoir, Brunton & McIntosh 12274, 6 Aug. 1995, ISOTYPE

*Isoetes boryana* Durieu, Bull. Soc. Bot. Fr. 8: 164. 1861

FRANCE: Sanguinet (Landes), Etang de Cazau, *E.J. Neyraut*, 23 juillet 1900, TOPOTYPE

*Isoetes echinospora* Durieu var. *boottii* Engelm., A. Gray, Man. Bot. ed. 5. 676. 1867

U.S.A.: Massachusetts, Middlesex Co., Woburn, Horn Pond, *W. Boott*, 16 Sept. 1869, TOPOTYPE

*Isoetes echinospora* Durieu ssp. *muricata* (Durieu) Boivin var. *savilei* Boivin, Amer. Fern Jour. 51: 85. 1961

CANADA: Quebec, Great Whale River, *D.B.O. Savile 792*, 8 Sept. 1949, HOLOTYPE

*Isoetes echinospora* Durieu var. *robusta* Engelm., Trans. St. Louis Acad. Sc. 4: 380. 1882

U.S.A.: Vermont, Lake Champlain, Isle La Motte, *C.G. Pringle*, 20 Sept. 1879, ISOTYPE

- Isoetes echinospora* Durieu var. *truncata* A.A. Eaton, Fern Allies 223, 260. 1905  
U.S.A.: Alaska, Kodiak, *Coville & Kearney 2336*, 20 July 1899, TOPOTYPE
- Isoetes flaccida* Shuttlew. var. *chapmanii* Engelm., Trans. St. Louis Acad. Sci. 4: 388. 1882  
U.S.A.: Florida, Jackson Co., Marianna, *R.K. Godfrey 61963*, 19 May 1962, TOPOTYPE
- Isoetes georgiana* Leubke, Amer. Fern. J. 82: 24. 1992  
U.S.A.: Georgia, ca 7 km west of Coverdale, *Brunton & McIntosh 11550*, 7 July 1993,  
TOPOTYPE
- Isoetes howellii* Engelm., Trans. Acad. Sci. St. Louis 5: 385. 1882  
U.S.A.: Oregon, Wasco Co., The Dalles, *J.W. Thompson 4872*, 17 June 1928, TOPOTYPE
- Isoetes hyemalis* D.F. Brunton, Castanea 59: 12-21. 1994  
U.S.A.: North Carolina, Harnett Co., 16 miles southwest of Lillington on southside of State Road  
27 in Barbeque Creek, *Pryer et al. 959*, 26 Jan. 1992, HOLOTYPE
- Isoetes lacustris* L. var. *paupercula* Engelm., Trans. St. Louis Acad. Sc. 4: 377. 1882  
U.S.A.: Colorado, Middle Park, Grand Lake, *G. Engelmann*, 5 Aug. 1881, TYPE COLLECTION  
MATERIAL
- Isoetes lithophila* Pfeiffer, Ann. Missouri Bot. Gard. 9: 135. 1922  
U.S.A.: Texas, Burnet Co., Edwards Plateau, 1.6 km west of Marble Falls, *Brunton & McIntosh  
11049*, 19 Mar. 1992, TOPOTYPE
- Isoetes* ×*marensis* D.M. Britton & D.F. Brunton, Can. J. Bot. 73: 1345-1353. 1995  
CANADA: British Columbia, Shuswap Highlands, east shore of Mara Lake ca. 7 km south of  
Sicamous, *D.F. Brunton & K.L. McIntosh 11301*, 22 Aug. 1992, ISOTYPE
- Isoetes microvela* D.F. Brunton, Rhodora 100: 270. 1998  
U.S.A.: North Carolina, Onslow Co., Maysville, banks of White Oak River, *Brunton &  
McIntosh 12179*, 21 May 1995, ISOTYPE
- Isoetes muricata* Durieu, Bull. Soc. Bot. France 11: 101. 1864  
U.S.A.: Massachusetts, Middlesex Co., Woburn, Horn Pond, *W. Boott*, 16 Sept. 1869,  
TOPOTYPE
- Isoetes* ×*pseudotruncata* D.M. Britton & D.F. Brunton, Can. J. Bot. 74: 51-59. 1996  
CANADA: British Columbia, Vancouver Island, N side of abandoned bridge over Puntledge  
River at outlet of Comox Lake, *Brunton & McIntosh 11251*, 13 Aug. 1992, ISOTYPE
- Isomeris arborea* Nutt. var. *globosa* Cov., Proc. Biol. Soc. Wash. 7: 73. 1892  
U.S.A.: California, Kern Co., W of Caliente, *E.C. Twisselmann 5137*, 2 May 1959, TOPOTYPE

*Isopyrum savilei* Calder & Taylor

CANADA: British Columbia, Queen Charlotte Islands, Anchorage, Athlow Bay, west coast of Graham Island, *Calder & Savile 21464*, 13 June 1957, PARATYPE; Graham Island, mountain at head of McClinton Bay, Masset Inlet, *Calder et al. 21578*, 18 June 1957, PARATYPE; Graham Island, east side of Shields Bay, *Calder & Taylor 23294*, PARATYPE; mountain directly north of Mt. Stapleton, Shields Bay, Rennell Sound, *Calder & Taylor 23375*, 9 Aug. 1957, PARATYPE; Moresby Island, below Mt. de la Touche, Fairfax Inlet, Tasu Sound, *Calder & Taylor 23566*, 16-17 Aug. 1957, PARATYPE; Moresly Island, mountain at west end of Mosquito Lake, *Calder & Taylor 23721*, 24 Aug. 1957, PARATYPE

*Isopyrum savilei* Calder & Taylor, Madrono 17: 70. 1963

CANADA: British Columbia, Queen Charlotte Islands, Moresby Island, *Calder et al. 23055*, 29 July-2 Aug. 1957, HOLOTYPE

*Iva nevadensis* Jones, Am. Nat. 17: 973. 1883

U.S.A.: Nevada, Mineral Co., road to Hawthorne, *A. Tiehm 8327*, 11 Sept. 1983, TOPOTYPE

*Iva oraria* Bartlett, Rhod. 8: 26. 1906

U.S.A.: Massachusetts, Banks of the Charles River, Boston, *H.H. Bartlett* (Pl. Ex. Gray 293), 18 Sept. 1905, ? ISOTYPE

*Ivesia jaegeri* Mungz & Johnston, Bull. Torrey Bot. Cl. 56: 165. 1929

U.S.A.: Nevada, Clark Co., Charleston Mts., Charleston Park, *I.W. & C.B. Clokey 5498* (Pl. ex. Gray 718), 30 July 1935, 14 July 1936, TOPOTYPE

*Ivesia lycopodioides* Gray, Proc. Am. Acad. 6: 530. 1865

U.S.A.: California, Mt. Dana, *J. Clausen 776*, 20 Aug. 1933, TOPOTYPE

*Ixanthus viscosus* Greisbach, Gen. et Sp. Gent. 129. 1839

CANARY ISLANDS: Nivaria, Valle Orotava, *E.R. Sventenius 76*, 11 June 1947, TOPOTYPE

*Ixeris versicolor* DC. var. *chrysantha* Freyn, Publication unknown

EUROPE: Dauria, Nertschinsk, *F. Karo*, (Pl. Dahur, 251a) 1889, ? TYPE COLLECTION MATERIAL

*Jacquemontia heterotricha* O'Donnell, Bol. Soc. Argent. Bot. 3: 88-91. 1950

ARGENTINA: Dep. Candelaria, Loreto, *C.J. Schwartz 5556*, 3 Mar. 1948, ISOTYPE

*Jacquemontia sandwicensis* Gray, Proc. Am. Acad. 5: 336. 1862

HAWAIIAN ISLANDS: Lehua, *S. Carlquist 2255*, 9 Sept. 1966, TOPOTYPE

*Jacquinia pringlei* Bartlett, Proc. Amer. Acad. 44: 630. 1909

MEXICO: Guerrero, Iguala Canyon, *C.G. Pringle 10337*, 8 Oct. 1906, ? TYPE - PUBLICATION NOT AVAILABLE



*Jasione carpetana* Boiss. & Reut., Voy. Bot. Espagne 2: 745  
SPAIN: Penalava, C. Vicioso, July 1917, TOPOTYPE

*Jasione montana* L. var. *latifolia* Pugsley, Publication unknown  
ENGLAND: N Devon, Lyton, H.W. Pugsley, 5 July 1930, ? TYPE COLLECTION MATERIAL

*Jasione nuriensis* Sennen var. *eliasii* Sennen, Publication unknown  
SPAIN: Cerdagne, Serra del Clots, F. Sennen, 12 Aug. 1928, ? TYPE COLLECTION MATERIAL

*Juncus acuminatus* Michx. var. *legitimus* Engelm., Trans. Acad. Sc. St. Louis 2: 463. 1868  
U.S.A.: Illinois, Athens, E. Hall 2-16 July 1866; Delaware, Centreville, A. Commons, July-Aug. 1866, TYPE COLLECTION MATERIAL

*Juncus acuminatus* Michx. var. *robustus* Engelm., Trans. Acad. Sc. St. Louis 2: 463. 1868  
U.S.A.: Missouri, St. Louis, G. Engelm., 14-27 June 1866, TYPE COLLECTION MATERIAL

*Juncus articulatus* L. var. *hylandri* Hämet-Ahti, Publication unknown  
SWEDEN: Gästrikland, Gävle, Limon, J. Ax. Nannfeldt, 4 Aug. 1955, ? TYPE COLLECTION MATERIAL

*Juncus asper* Engelm., Trans. Acad. Sc. St. Louis 2: 478. 1868  
U.S.A.: New Jersey, Griffith's, C.E. Smith fl. 2 Sept., fr. 23 Sept. 1866, TYPE COLLECTION MATERIAL

*Juncus badius* Suks., Deutsche Bot. Monatss. 19: 92. 1901  
U.S.A.: Washington, Klickitat Co., W.N. Suksdorf 6282, 12 July 1908, TOPOTYPE

*Juncus balticus* Deth. var. *littoralis* Engelm., Trans. Acad. Sci. St. Louis 2: 442. 1868  
U.S.A.: Michigan, Detroit, J.M. Bigelow, July-Aug. 1866, TYPE COLLECTION MATERIAL

*Juncus balticus* Willd. var. *stenocarpus* Fernald & Buch. f. *opulentus* Lepage, Nat. can. 81: 256. 1954  
CANADA: Ontario, Piskwamisk, Lepage & Duman 31895, 10 sept. 1953, ISOTYPE

*Juncus balticus* Willd. var. *stenocarpus* Fernald & Buch. f. *flavidior* Lepage, Nat. can. 81: 257. 1954  
CANADA: Quebec, Rivière Fort George, E. Lepage 13024, 8 sept. 1950, ISOTYPE

*Juncus bufonius* L. var. *pseudoranarius* Rastettler, Publication unknown  
FRANCE: Haut Rhin, forêt du Nonnenbruch, près de Lutterbach, Rastetter, 12 juillet 1969 (Ex. B. de Retz 13: 5372), ? TYPE COLLECTION MATERIAL

- Juncus bufonius* L. var. *ranarius* Farwell, Rep. Mich. Acad. Sc. 19: 247. 1917  
U.S.A.: Michigan, Wayne Co., River Rouge, *O.A. Farwell 4342*, 21 July 1916, ISOLECTOTYPE
- Juncus brachycarpus* Engelm., Trans. Acad. Sc. St. Louis 2: 467. 1868  
U.S.A.: Illinois, near Athens, *E. Hall*, 4-20 July 1867, TYPE COLLECTION MATERIAL
- Juncus canadensis* J. Gay var. *brachycephalus* Engelm., Trans. Acad. Sc. St. Louis 2: 474. 1868  
U.S.A.: Michigan, Detroit, *J.M. Bigelow*, fl. 11 Aug., fr. 8 Sept. 1866, TYPE COLLECTION MATERIAL
- Juncus canadensis* J. Gay var. *coarctatus* Engelm., Trans. Acad. Sc. St. Louis 2: 474. 1868  
U.S.A.: Michigan, Sault Ste. Marie, *H. Gillman*, 29 Aug. 1867, TYPE COLLECTION MATERIAL
- Juncus canadensis* J. Gay var. *longicaudatus* Engelm., Trans. Acad. Sc. St. Louis 2: 474. 1868  
U.S.A.: South Carolina, Aiken, *H.W. Ravenel*, fl. 24 Aug., fr. 19 Sept. 1866, TYPE COLLECTION MATERIAL
- Juncus canadensis* J. Gay var. *subcaudatus* Engelm., Trans. Acad. Sc. St. Louis 2: 474. 1868  
U.S.A.: Delaware, Centreville, *A. Commons*, fl. 27 July, fr. 30 Aug. 1866, TYPE COLLECTION MATERIAL
- Juncus carolinianus* Coville, Publication unknown  
U.S.A.: Florida, Lake Co., Eustis, *G.V. Nash 1044*, 20 June 1894, ? TYPE COLLECTION MATERIAL
- Juncus chlorocephalus* Engelm., Trans. Acad. Sc. St. Louis 2: 485. 1868  
U.S.A.: California, Yosemite Valley, *H. Bolander* June, July 1866, TYPE COLLECTION MATERIAL
- Juncus confusus* Coville, Proc. Biol. Soc. Wash. 10: 127. 1896  
U.S.A.: Idaho, Nez Perces Co., Lake Waha, *Heller & Heller 3319*, 25 June 1896 and *3446*, 17 July 1896, PARATYPES
- Juncus howellii* Hermann, Leafl. West. Bot. 5: 182-183. 1949  
U.S.A.: California, Scott Mts., Trinity Co., *J.T. Howell 13611*, 29 July 1937, PARATYPE
- Juncus lamprocarpus* Ehrh. var. *palustris* Fischer, Publication unknown  
GERMANY: Bavaria, Rambeng, *Fischer*, July 1916, ? TYPE COLLECTION MATERIAL
- Juncus* ×*lemieuxii* Boivin, Nat. can. 94: 525. 1967  
CANADA: Quebec, comté Vaudreuil-Soulanges, le long du Saint- Laurent face de l'Ile Ronde, *G. Lemieux 3681*, 9 août 1962, HOLOTYPE

- Juncus marginatus* Rostk. var. *biflorus* Engelm., Trans. Acad. Sc. St. Louis 2: 455. 1868  
U.S.A.: Delaware, near Wilmington, *A. Commons*, fl. 7 July, fr. 24 July 1866, ISOTYPE
- Juncus militaris* Bigelow f. *bifrons* Fernald, Rhod. 24: 166. 1922  
CANADA: Nova Scotia, Nowland's Lake, Havelock, *Fernald & Long* (Pl. ex Gray 446), 27 Aug. 1921, PARATYPE and TOPOTYPE
- Juncus nodosus* L. var. *genuinus* Engelm., Trans. Acad. Sc. St. Louis 2: 471. 1868  
U.S.A.: Michigan, Detroit, *J.M. Bigelow*, July, Aug. 1866; Pennsylvania, Lancaster, *T.C. Porter*, 2 July 1866, TYPE COLLECTION MATERIAL
- Juncus obtusatus* Engelm., Trans. Acad. Sc. St. Louis 2: 495-496. 1868  
U.S.A.: California, Big Tree Grove, Mariposa, *H. Bolander*, 25 July 1866, ISOTYPE
- Juncus obtusiflorus* Ehrh. f. *virescens* Fr. Muller, Publication unknown  
EUROPE: Holstein, *Fr. Muller*, ? TYPE COLLECTION MATERIAL
- Juncus orthophyllus* Colville var. *congestus* Suksdorf, Werdenda 1: 6. 1923  
U.S.A.: Washington, Klickitat Co., near Fulda, *Suksdorf 6301*, 19 July 1908, ISOTYPE
- Juncus oxymeres* Engelm., Trans. Acad. Sc. St. Louis 2: 483. 1868  
U.S.A.: California, Mariposa, *H. Bolander*, July 1866, TYPE COLLECTION MATERIAL
- Juncus* ×*patunsis* Lepage, Nat. can. 89: 113-114. 1962  
CANADA: Quebec, lac Patu, *Dutilly & Lepage 39392*, 16 août 1961, ISOTYPE
- Juncus pervetus* Fernald  
U.S.A.: Massachusetts, east side of Lewis Bay, West Yarmouth, *E.C. Ogden 1735*, 24 Oct. 1937, TOPOTYPE
- Juncus pervetus* Fernald, Rhod. 19: 17. 1917  
U.S.A.: Massachusetts, Yarmouth, *Fernald & Butters* (Pl. ex. Gray 183), 14 Oct. 1916, ISOTYPE
- Juncus phaeocephalus* Engelm. var. *glomeratus* Engelm., Trans. Acad. Sc. St. Louis 2: 484. 1868  
U.S.A.: California, San Francisco, *A. Kellogg*, June, July 1866, TYPE COLLECTION MATERIAL
- Juncus scirpoides* Lam. var. *macrostemon* Engelm. f. *brachystylus* Engelm., Trans. Acad. Sc. St. Louis 2: 468. 1868  
U.S.A.: Pennsylvania, Delaware Co., Tinicum *C.E. Smith*, fl. 31 Aug., fr. 22 Sept. 1867, ISOTYPE

*Juncus scirpoides* Lam. var. *macrostemon* Engelm. f. *macrostylus* Englem., Trans. Acad. Sc. St. Louis 2: 467-468. 1868

U.S.A.: South Carolina, Aiken, *H.W. Ravenel*, fl. 2 July fr. 28 July 1866, ISOTYPE

*Juncus tenuis* Willd. var. *williamsii* Fernald, Rhod. 3: 60. 1901

U.S.A.: Maine, Van Buren, *Robinson & Fernald* (Pl. ex. Gray 8), 12 Aug. 1901, TOPOTYPE

*Juncus torreyi* Coville f. *longipes* Farwell, Papers Mich. Acad. Sci. 1: 91-92. 1923

U.S.A.: Michigan, Wayne Co., Rouge River, *O.A. Farwell 4341*, 21 July 1916, ISOLECTOTYPE

*Juncus triformis* Engelm. var. *stylosus* Engelm., Trans. Acad. Sc. St. Louis 2: 492. 1868

U.S.A.: California, Yosemite Valley, 4000 ft., *H. Bolander*, 10 June 1866, ISOTYPE

*Juncus vaseyi* Engelm., Trans. Acad. Sc. St. Louis 2: 448-449; 492. 1868

U.S.A.: Michigan, Detroit, *J.M. Bigelow*, fl. 26 June, fr. 27 Aug. 1867, TYPE COLLECTION MATERIAL

*Juniperus bermudiana* L., Sp. Pl. 1039

CULTIVATED: Bermuda, Hawkins Island in Hamilton Harbour, *W.J. Cody 35449*, 6 Apr. 1987, TOPOTYPE

*Juniperus scopulorum* (Sarg.) Rydb. var. *columnaris* Fassett, Bull. Torrey Bot. Club 72: 482. 1945

U.S.A.: North Dakota, Slope Co., Amidon, *O.A. Stevens 509*, 16 May 1941, TOPOTYPE (2 sheets)

*Juncus smithii* Engelm., Trans. Acad. Sc. St. Louis 2: 444; 491. 1868

U.S.A.: Pennsylvania, Broad Mountain, *Smith & Porter* 24 Aug. 1866, ISOTYPE

*Juncus xiphioides* E. Meyer var. *triandrus* Engelm., Trans. Acad. Sc. St. Louis 2: 482. 1868

U.S.A.: California, Yosemite Valley, *H. Bolander*, June 1866, TYPE COLLECTION MATERIAL

*Jungia pringlei* Greenman, Field Col. Mus. Bot. Ser. 2: 286. 1907

MEXICO: Michoscan, near Uruapan, *C.G. Pringle 10357*, 28 Jan. 1907, ? TYPE - PUBLICATION NOT AVAILABLE

*Jurinea sarhaddensis* Rech. f. & Aellen, Anz. Österr. Akad. Wiss. Math. 89: 263-264. 1951

IRAN: Balucistan, inter Zahedan et Khash, *K.H. & F. Rechinger 4207*, 15 May 1948, ISOTYPE

*Justicia rhodoides* Leonard, Contrib. U.S. Nat. Herb. 31: 519-521. 1958

COLOMBIA: Dept. de Magdalena, Santa Marta Mountains, 3 to 5 miles north of Bonda, *H.H. Smith 1358*, 29 Nov. 1898, ISOTYPE

- Kadua centrathoides* Hook. & Arn., Bot. Beech. Voy. 85. 1832  
HAWAIIAN ISLANDS: Hawaii, *Degener & Degener 27608*, 9 July 1961, TOPOTYPE
- Kadua knudensis* Hillebr., Fl. Haw. Is. 162. 1888  
HAWAIIAN ISLANDS: Kauai, Halemanu, *O. & I. Degener 27220*, 15 Nov. 1960, TOPOTYPE
- Karvandarina aphylla* Rech. f. Akad. Wiss., Math-Nat. 87: 198. 1950  
IRAN: Balucistan, inter Khash et Iranshahr, montes Karvandar, *K.H. & F. Rechinger 3964*, 16-17 May 1948, ISOTYPE
- Kengyilia gobicola* C. Yen & J.L. Yang, Can. J. Bot. 68(9): 1897. 1990  
CHINA: Takedenbashi Mt. Taxkorgan Xinjiang, C. Yen, L.R. Xu et al. 870523, 7 Sept. 1987, PARATYPE
- Kengyilia habahenensis* Baum, Yen & Yang, Plant Syst. & Ev. 174: 103-108. 1991  
CHINA: Habake, 17 km to Telike, approx. 49°N, 86.5°E, *Yen, Yang & Baum 890939*, 24 Aug. 1989, ISOTYPE
- Kengyilia pamirica* J.L. Yang & C. Yen, Journal of the Sichuan Agricultural University 10(4): 567-569. 1992  
CHINA: Xinjiang, Pamir Plateau, C. Yen, L.R. Xiu et al. 870536, 9 Sept. 1987, ISOTYPE
- Kengyilia nana* J.L. Yang, C. Yen & B. Baum, Can. J. Bot. 71: 341. 1993 (*K. batalinii* (Kresn.) J.L. Yang, C. Yen & B. Baum var. *nana* (J.L. Yang, C. Yen & B. Baum) C. Yen, J.L. Yang & B. Baum)  
CHINA: Xinjiang, Taxkorgan, Pamir Plateau, C. Yen, L.R. Xin et al. 870502, 6 Sept. 1987, ISOTYPE
- Kengyilia tahelacana* J.L. Yang, C. Yen & B. Baum, Can. J. Bot. 71(2): 339. 1993  
CHINA: Tahelake, Wensu, Xinjiang, C. Yen, J.L. Yang et al. 870473, 2 Sept. 1987, ISOTYPE
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ITALY: Lucania, Pignola, *O. Gavioli*, (Fl. Ital. Ex. 2956), 17 June 1923, TOPOTYPE
- Koeleria gracilis* Pers. var. *lobata* Drobow, Herb. Fl. Ross 2800  
U.S.S.R.: Prov. Fergana, distr. Skobelew, in jugo Alajico, *W. Drobow*, 14 May 1916, ISOTYPE
- Koeleria sclerophylla* P. Smirn., Fedde, Repert. 30: 399-400. 1932  
U.S.S.R.: Montes Shiguli ad Wolgam mediam, *M. Zolotovskiy*, 23 June 1937, TOPOTYPE
- Krynitzkia fendleri* Gray, Proc. Am. Acad. 20: 268. 1885  
U.S.A.: New Mexico, between Santa Fe and Canoncito, *Heller & Heller 3786*, 29 June 1897,

TOPOTYPE

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U.S.A.: New Mexico, Santa Fe Co., hills at Santa Fe, *A.A. & E.G. Heller 3517*, 13 May 1897,  
TOPOTYPE

*Kuhnia eupatorioides* L. var. *texana* Shinnery, Wrightia 1: 136. 1946  
CULTIVATED: grown from seed collected at University Park, Dallas, Callas Co., Texas,  
U.S.A., *L.O. Gaiser A-144*, 13 Nov. 1949, TOPOTYPE

*Kuhnistera pulcherrima* Heller, Contr. Herb. Franklin & Marshall College 1: 50-51. 1895  
U.S.A.: Texas, Kerr Co., Kerrville, *A.A. Heller 1857*, 14 June 1894, ISOTYPE

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HAWAIIAN ISLANDS: Lanai, Mts. E end, *B. Pauahi 281.2*, June 1913, TOPOTYPE

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HAWAIIAN ISLANDS: Molokai, Kahuaawi Gulch, *O. Degener 10272*, 12 May 1928,  
ISOTYPE

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U.S.A.: Florida, Tampa, *G.V. Nash 2473*, 24 Aug. 1895, ISOTYPE

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U.S.A.: Minnesota, Clay Co., Felton, *O.A. Stevens 2514*, 10 Aug. 1961, HOLOTYPE

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MEXICO: Michoacan, Uruapan, *C.G. Pringle 13907*, 24 Jan. 1909, ISOTYPE

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1994  
CANADA: Yukon, Ogilvie Mts., 7 miles S of Tombstone Mtn., 64 18'N 138 38'W, Cody & Ginns 34664, 16 July 1984, HOLOTYPE

*Lamium album* L. f. *subintegrifolium* Legerström, Publication unknown  
SWEDEN: Södermanland, *A.L. Legerström*, 16 July 1927, ? TYPE COLLECTION MATERIAL

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EUROPE: Connewitz, *O. Kuntze*, July 1862, ? TYPE COLLECTION MATERIAL

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ALBANIA: Montenegro, *Roblena*, July 1927, PARATYPE

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 SWEDEN: Stockholm, *T. Vestergren*, 13 May 1923, ? TYPE COLLECTION MATERIAL
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 PERU: Pampa de Olmos, *R. Ferreyra 9095*, 18 Apr. 1953, ? TOPOTYPE
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 CANADA: British Columbia, Spence's Bridge, *J. Fletcher 1371*, 29 May 1885, ISOTYPE
- Lappula venusta* Piper, Proc. Biol. Soc. Wash. 37: 93. 1924  
 U.S.A.: Washington, Chelan Co., near Leavenworth in Tumwater Canyon, *J.W. Thompson 11503*, 18 May 1935, TOPOTYPE
- Larix decidua* Mill. f. *tatrensis* Domin, Fl. Cechoslovenica exsiccata 203  
 SLOVAKIA SEPTENTRIONALIS: montes Vysoké Tatry, *V. Krajina*, 7 Sept. 1931, ISOTYPE
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 TRINIDAD: Port of Spain, *A.S. Hitchcock* (Amer. Gr. Nat. Herb. 595), 27 Nov. 1912, ISOTYPE
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 TRINIDAD: Port of Spain, *A.S. Hitchcock 10007* (Amer. Gr. Nat. Nat. Herb. 589), 28 Nov. 1912, ISOTYPE
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 TRINIDAD: Port of Spain, *A.S. Hitchcock* (Amer. Gr. Nat. Herb. 592), 27 Nov. 1912, PARATYPE
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 MADAGASCAR: Ambovombe, *M. Decary 8966*, 2 June 1931, TOPOTYPE
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 MADAGASCAR: Env. Fort Dauphin-Ebakoka, *M.R. Decary 10111*, 12 July 1932, TOTOTYPE
- Lathyrus delnorticus* Hitchc., Univ. Wash. Publ. Biol. 15: 30-31. 1952  
 U.S.A.: California, Del Norte Co., Myrtle Creek adjacent to Smith River, *C.L. Hitchcock 19100*, 8 June 1949, ISOTYPE
- Lathyrus eucosmus* Pursh, Rhod. 19: 160-161. 1917  
 U.S.A.: New Mexico, Santa Fe, *A.A. & E.G. Heller 3658*, 4 May 1897, ISOTYPE
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 U.S.A.: Nebraska, Minden, *H. Hapeman*, 21 May 1941, TOPOTYPE
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U.S.A.: Nevada, Nye Co., Central bullfrog Hills, *J.L. Reveal 2202*, 4 May 1970, ISOTYPE

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CANADA: Quebec, comté de Bonaventure, Rivière Petite Cascapedia, Victorin & Rolland 49446, 25 juillet 1937, TOPOTYPE

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U.S.A.: West Virginia, Greenbrier Co., Kates Mountain, *A.A. Heller 828*, 17 May 1893,  
PARATYPE

*Lathyrus zionis* C.L. Hitchcock, U. Wash. Pub. Biol. 15: 36. 1952  
U.S.A.: Utah, Washington Co., 10 mi. E of Zion National Park entrance, *C.L. Hitchcock 19013*,  
30 May 1949, ISOTYPE

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CANARY ISLANDS: Nivaria, Taganana, *E.R. Sventenius* (Fl. Sel. Can. 27), 21 Feb. 1944,  
TOPOTYPE

*Lavandula buchii* Webb. & Berth., Phyt. Canr. 3: 58. 1844  
CANARY ISLANDS: Tenerife, inter San Andrés et Igneste, *E. Asplund 1176*, 9 May 1933,  
TOPOTYPE

*Lavandula canariensis* Mill., Gard. Dict. ed. 8 n. 4  
CANARY ISLANDS: Tenerife, Valle de Oratava, Puerto de la Cruz, *E. Asplund 504*, 22 Mar.  
1933, TOPOTYPE

*Lavandula multifida* L. var. *canariensis* Ktze., Publication unknown  
CANARY ISLANDS: Nivaria, P. to Cruz, Montaneta de la Horca, *E.R. Sventenius 164*, 11 Mar.  
1949, TOPOTYPE

*Lavandula pinnata* L.f., Diss. Lav. 55  
CANARY ISLANDS: Tenerife, Bajamas, *E. Asplund 792*, 12 Apr. 1933, TOPOTYPE

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SPAIN: Tras-o-Montes, Vidago, *Braun-Blanquet et al. 2909*, 19 May 1916, ? TYPE  
COLLECTION MATERIAL

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CANARY ISLANDS: Tenerife, Buenavista, *E. Asplund 1013*, 30 Apr. 1933, TOPOTYPE

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U.S.A.: California, Riverside Co., San Jacinto Mts., between Mountain Center and Keen Camp  
Summit, *L.B. Ziegler*, 10 June 1966, ISOTYPE



*Leontodon helveticus* Mérat, Ann. Sc. Nat. Sér. I, 22: 108-109. 1831  
SWITZERLAND: Curvuletum, sur l'arête séparant le Val Muragl du Val Champagna (Grisons),  
C. Favarger, 27 July 1950, TOPOTYPE

*Lepechiniella balchaschensis* M. Pop., Spisok Rast. Herb. Fl. URSS 12: 50. 1953  
U.S.S.R.: Kasahstania, Lac. Balchasch, M. Popov, 15 June 1934, ISOTYPE

*Lepidium barnebyanum* Reveal, Great Basin Nat. 27: 178-179. 1967  
U.S.A.: Utah, Duchesne Co., Indian Creek Canyon 3.5 mi. SW of Duchesne, Reveal & Reveal  
848, 1 July 1967, PARATYPE and TOPOTYPE

*Lepidium densiflorum* Schrader var. *macrocarpum* Mulligan  
CANADA: Saskatchewan, District de Swift Current, Webb, 7 milles du nord, Boivin et al. 12005,  
11 juin 1958, PARATYPE; Saskatchewan Landing, Russell S58099, 2 Aug. 1958, PARATYPE;  
Alberta, District de Riviere-la-Paix, Canyon Creek, Boivin & Perron 12744, 28 juillet 1958,  
PARATYPE; District de Lethbridge, Boivin & Perron 12166, 22 juin 1958, PARATYPE; District  
de Medicine Hat, Lost River Canyon, 7 milles au sud de la station Expérimental de Manyberries,  
Boivin & Alex 9561, 29 juin 1952, PARATYPE; British Columbia, Kamloops District, Tranquille,  
H. Groh 246, 21 July 1939, PARATYPE; Cache Creek, Mulligan & Woodbury 1617, 12 July 1955,  
PARATYPE; Hat Creek Valley, Marble Mts., Thompson & Thompson 221, 26 June 1938,  
PARATYPE; Yahk, Bassett & Cumming 3988, 27 Aug. 1958, PARATYPE; Cecil Lake, F. Mertens  
12, 8 July 1958, PARATYPE

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CANADA: Alberta, Lethbridge, Boivin et al. 12197, 23 June 1958, HOLOTYPE

*Lepidium draba* L. var. *stenopetalum* Domin, Domin & Krajina, Fl. Cech. ex. 165  
CZECHOSLOVAKIA: Bohemia centralis prope urbem Praha, J. Rohlena, 11 June 1929,  
ISOTYPE

*Lepidium fletcheri* Rydb., Bull. Torrey Bot. Club 34: 428. 1907  
CANADA: Manitoba, Winnipeg, J. Fletcher, 12 July 1905, ISOTYPE

*Lepidium montanum* Nutt. f. *wyomingense* C.L. Hitchc., Madrono 3: 304. 1936  
U.S.A.: Wyoming, 5 mi. W of Laramie, Rollins & Beetle 2397, 27 June 1938, TOPOTYPE

*Lepidospartum squamatum* Gray var. *obtectum* Jepson, Man. Fl. Pl. Calif. 1159. 1925.  
U.S.A.: California, Riverside Co., Whitewater Wash, C.B. Wolf 2452, 14 Oct. 1932, TOPOTYPE

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MADAGASCAR: Foret d'Ambohitantely, M.R. Decary 7473, 12 Mar. 1930, TOPOTYPE

*Leptoloma arenicola* Swallen, Contr. Texas Res. Found. 1: 1. 1950  
U.S.A.: Texas, Kennedy Co., 8/ miles S of Sarita, C.L. Lundell 14963, 24 April 1949,

TOPOTYPE, ? ISOTYPE

*Leptomeria acida* R.Br., Prodr. Fl. Nov. Holl. 1: 353. 1810

AUSTRALIA: Port Jackson *R. Brown*, 1802-5, TYPE COLLECTION MATERIAL

*Leptospermum attenuatum* Sm. var. *subsessile* C.T. White, Publication unknown

AUSTRALIA: Traverston, mouth of Burrum River, *C.T. White 6353*, 6 Oct. 1929, ? TYPE COLLECTION MATERIAL

*Leptotaenia anomala* Coulter & Rose, Revision of North American Umbelliferae 53. 1888

U.S.A.: California, Amador Co., Carbondale, *Constance et al. 3622*, 30 March 1956, TOPOTYPE

*Leptotaenia watsoni* Coulter & Rose, Revision of north American Umbelliferae 52. 1888

U.S.A.: Washington, Chelan Co., Wenatchee Mts., Stuart Ridge, *J.W. Thompson 11553*, 14 Aug. 1935, TOPOTYPE

*Lepturus pilgerianus* Hansen & Potztal, Bot. Jahrb. 76: 268. 1954

PHOENIX ISLANDS: Canton Island, *Degener & Degener 24619*, 14 Feb. 1958, TOPOTYPE

*Lespedeza neo-tomentosa* Hiyama, Publication unknown

JAPAN: Kanagawa Pref., Hiratsuka City, *T. Makino*, 13 June 1933, ? TYPE COLLECTION MATERIAL

*Lespedeza nikkoensis* Nakai, *Lespedeza* of Japan & Korea 49. 1927

JAPAN: Hondo, Nikko in Shimotsuke, *H. Kubota* (Nat. Sc. Museum No. 336), 7 Sept. 1951, TOPOTYPE

*Lesquerella alpina* (Nutt.) S. Wats. var. *intermedia* S. Wats., Proc. Amer. Acad. 23: 251. 1888

U.S.A.: New Mexico, Santa Fe Co., Santa Fe, *A.A. & E.G. Heller 3516*, 13 May 1897, TOPOTYPE

*Lesquerella arenosa* (Richards.) Rydb. var. *argillosa* Rollins & Shaw, The Genus *Lesquerella* (Cruciferae) in North America 178. 1973

U.S.A.: South Dakota, Fall River Co., 4 mi. W of Hot Springs, *Mulligan & Mosquin 2799*, 22 June 1973, PARATYPE

*Lesquerella bernardina* Munz, Bull. S. Calif. Acad. Sci. 31: 62. 1932

U.S.A.: California, San Bernardino Co., San Bernardino Mts., *A.J. Breitung 15474*, 10 June 1953, TOPOTYPE

*Lesquerella calderi* Mulligan & Porsild, Can. J. Bot. 47: 215. 1969

CANADA: Yukon Territory, Ogilvie Mts., Cathedral Rocks, *Calder & Gillett 26016*, 29 June 1960, HOLOTYPE

- Lesquerella douglasii* Wats., Proc. Amer. Acad. 23: 225. 1888  
U.S.A.: Oregon, Gillam Co., above Columbia R., 10 mi. W of Arlington, *J.W. Thompson 11327*, 13 Apr. 1935, TOPOTYPE
- Lesquerella hitchcockii* Munz, Bull. Torrey Bot. Club 56: 163. 1929  
U.S.A.: Nevada, Clark Co., Charleston Mts., *I.W. Clokey 5478*, 8 Aug. 1935 and 16 July 1936, TOPOTYPE
- Lesquerella hitchcockii* Munz. ssp. *confluens* Maguire & Holmgren  
U.S.A.: Nevada, Quinn Canyon Range, Upper Cherry Creek, *Maguire & Holmgren 25590*, 23 June 1945, PARATYPE
- Lesquerella hitchcockii* Munz ssp. *confluens* Maguire & Holmgren, Madrono 11: 174. 1951  
U.S.A.: Nevada, Nye Co., N of Cherry Creek Pass, *Maguire & Holmgren 25534*, 20 June 1945, ISOTYPE
- Lesquerella kingii* var. *nevadensis* Maguire & Holmgren, Madrono 11: 182-183. 1951  
U.S.A.: Nevada, Nye Co., 3 mi. E of Reese River Ranger Station, Toiyabe Range, *Maguire & Holmgren 25418*, 14 June 1945, ISOTYPE
- Lesquerella multiceps* Maguire, Amer. Midl. Nat. 27: 465. 1942  
U.S.A.: Utah, Cache Co., Bear River Range, Tony Grove, *B. Maguire 21563*, 27 June 1942, TOPOTYPE
- Lesquerella perforata* Rollins, Rhod. 54: 190. 1952  
U.S.A.: Tennessee, Wilson Co., Lebanon, *R.C. Rollins 5306*, 29 Mar. 1953, TOPOTYPE
- Lesquerella stonensis* Rollins, Rhod. 57: 255. 1955  
U.S.A.: Tennessee, Rutherford Co., Stone R., *A.J. Sharp 25620*, 11 Apr. 1959, TOPOTYPE
- Lessingia arachnoides* Greene, Leafl. Bot. Osbs. & Crit. 2: 29. 1910  
U.S.A.: California, San Mateo Co., San Mateo Canyon, *L.S. Rose 41434*, 6 Sept. 1941, TOPOTYPE
- Lessingia germanorum* Cham., Linnaea 4: 203. 1829  
U.S.A.: California, San Francisco, *L.S. Rose 41435* (Pl. Ex. Gray 1191), 9 Sept. 1941, TOPOTYPE
- Lessingia micradenia* Greene, Leafl. Bot. Obs. Crit. 2: 28. 1910  
U.S.A.: California, Marin Co., 4 mi. W of Fairfax, *L.S. Rose 49151*, 6 Aug. 1949, TOPOTYPE
- Leucophaea canariensis* Webb & Berth. var. *pannosa* Christ., Publication unknown  
CANARY ISLANDS: Nivaria, inter Erxo et Valle Santiago, *E.R. Sventenius 167*, 31 Apr. 1949, ? TYPE COLLECTION MATERIAL

*Leucosceptrum stellipilum* Kitam. & Murata var. *tosaense* (Makino) Kitam. & Murata,  
Publication unknown  
JAPAN: Shikoku Prov., Ehime Pref., *T. Makino*, 1923, ? TYPE COLLECTION MATERIAL

*Leuzea rhaponticoides* Graells, Mem. Acad. Cienc. Madrid 2: 468. 1859  
SPAIN: Castilla, Hoyo casero, *Gros*, 22 July 1924, TOPOTYPE

*Levenhookia pulcherrima* S. Carlquist, Aliso 7(1): 62-64. 1969  
AUSTRALIA: Western Australia, above the Phillips River just east of the bridge,  
Ongerup-Ravensthorpe Highway, *S. Carlquist 4027*, 8 Nov. 1967, ISOTYPE

*Leymus salinus* (M.E. Jones), *A. Löve* ssp. *mojavensis*, Barkworth & Atkins, Am. Jour. Bot. 71(5):  
621. 1984  
U.S.A.: California, San Bernadino Co., Keystone Canyon, east side of New York Mountains,  
Barkworth et al. 4336, 11 Sept. 1983, TOPOTYPE

*Liabum biattenuatum* Rusby, Descriptions of Three Hundred New Species of South American  
Plants, p. 159. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 2013* (1898-1901), ? ISOTYPE

*Liabum falcatum* Rusby, Descriptions of Three Hundred New Species of South American Plants,  
p. 161. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 2012* (1898-1901), ? ISOTYPE

*Liatris bracteata* Gaiser, Rhod. 48: 371. 1946  
U.S.A.: Texas, 15 mi. N of Houston, *R.G. Reeves 152*, Oct. 1936, ? ISOTYPE

×*Liatris creditonensis* L.O. Gaiser, Rhodora 48: 409. 1946  
CANADA: Ontario, grown in Crediton garden, *L.O. Gaiser 52 seedling*, 24 Aug. 1938,  
HORTOTYPE

*Liatris* ×*creditonensis* Gaiser, Rhod. 48: 409. 1946  
CULTIVATED: Canada, Ontario, Huron Co., Crediton, *L.O. Gaiser*, 24 Aug. 1938,  
HORTOTYPE

*Libyella maroccana* Maire, Bull. Soc. Hist. Nat. Afr. Nord 21: 76. 1930  
MOROCCO: près de Rabat, *J. Vindt 3386*, 21 Feb. 1950, TOPOTYPE

*Licuala concinna* Burret, Jour. Arn. Arb. 20: 187. 1939  
PAPUA: Palmer River, *L.J. Brass 6894*, June 1936, ISOTYPE

*Ligusticum calderi* Mathias & Constance, Bull. Torrey Bot. Club 86: 374. 1959  
CANADA: British Columbia, Queen Charlotte Islands, below Mt. de la Touche, Moresby Island,  
*Calder & Taylor 23546*, 16-17 Aug. 1957, HOLOTYPE

- Ligusticum pyrenaicum* Gouan, Illustr. 14 t. 7. 1773  
 SPAIN: Pyrenees orientales, Mont Louis, *G. Vidal*, 1 juillet 1892, TOPOTYPE
- Ligusticum pyrenaicum* Gow. var. *carosulum* Port. & Rig., Publication unknown  
 SPAIN: Prov. Almeria, Sierra de Maria, *Porta et Rigo 205*, 29 July 1895, ? TYPE  
 COLLECTION MATERIAL
- Ligusticum simulans* Coult. & Rose, U.S. Dept. Agr. Contrib. Nat. Herb. 7: 138. 1900  
 U.S.A.: Wyoming, Albany Co., Woods Creek, *A. Nelson 8031*, 7 Aug. 1900, TOPOTYPE
- Ligustrum ovalifolium* Hassk. var. *pacificum* Mizushima, Publication unknown  
 JAPAN: Honshu, Ins. Hachijo in Izu Prov., *J. Yokoyama*, 14 June 1954, TOPOTYPE
- Lilaeopsis occidentalis* Coult. & Rose, Bot. Gaz. 24: 48. 1897  
 U.S.A.: Oregon, Tillamook Bay, *T.J. Howell*, July 1882, ISOTYPE
- Lilium canadense* L. f. *duplex* Boivin, Nat. can. 94: 647. 1967  
 CANADA: Québec, cté Champlain, St.-Proper, *A. Gagnon*, 17 juillet 1957, HOLOTYPE
- Lilium jankae* Kerner, Oesterr. bot. Zeitsch. 27: 402. 1877  
 AUSTRIA: Transsilvania, Verespatak, *Csato* (Fl. ex. Aust.-Hung. 680), TOPOTYPE
- Lilium pensylvanicum* Ker-Gawl. f. *praecox* Vriszcz, Publication unknown  
 U.S.S.R.: Prov. Primorje, distr. Anuczinck, *D. Vriszcz* (Fl. Ex. U.S.S.R. 4961), 12 June 1967, ?  
 TYPE COLLECTION MATERIAL
- Lilium wigginsii* Beane & Vollmer, Contrib. Dudley Herb. 4: 355. 1955  
 U.S.A.: California, Siskyou Co., Siskyou Mts., *Beane & Vollmer 1266*, 16 July 1954, ISOTYPE
- Limnanthes bakeri* J.T. Howell, Leafl. West. Bot. 3: 206. 1943  
 U.S.A.: California, 1.5 mi. N of Willits, *L.S. Rose 54009*, 24 Apr. 1954, TOPOTYPE
- Limnanthes liniflora* (Benth.) Greene var. *vallicola* Jepson, Man. Pl. Calif. 803. 1925  
 U.S.A.: California, Kern Co., Lerdo, Bakersfield plain, *W.L. Jepson 17,343*, 1 May 1935,  
 TOPOTYPE
- Limnanthes macounii* Trelease, Mem. Boston Soc. Nat. Hist. 4: 85. 1888  
 CANADA: British Columbia, Vancouver Island, Victoria, *Calder & MacKay 28504*, 25 Apr.  
 1961, TOPOTYPE
- Linaria cirrhosa* Willd., Enum. Hort. Berol. Part 2: 689. 1809  
 CORSICA: Bonifacio, *J. Stefani*, 25 juin 1903, TOPOTYPE
- Linaria filifolia* Lagasca & Segura, Genera et Species Plantarum Novae 19. 1816

SPAIN: Madrid, *Caroli Pau*, 17 May 1897, TOPOTYPE

*Linaria michauxii* Chav. ssp. *robusta* Rech. f., Publication unknown

IRAN: Balucistan, in ditione montis Taftan prope Sangon, *K.H. & F. Rechinger 4066*, 19 May 1948, ISOTYPE

*Linaria scoparia* Brouss. & Spreng., System vegetabilum 2: 789. 1825

CANARY ISLANDS: Tenerife, Montes de los Guires, *E. Asplund 446*, 20 Mar. 1933, TOPOTYPE

*Linum australe* Heller, Bull. Torrey Bot. Cl. 25: 627. 1898

U.S.A.: New Mexico, Santa Fé, *A.A. & E.G. Heller 3724*, 17 June 1897, ISOTYPE

*Linum baicalense* Juz., Flora U.R.S.S. 14: 715. 1949

U.S.S.R.: Lac Baical, *M. Popov*, 29 Aug. 1955 (Fl. ex. U.R.S.S. 4035), TOPOTYPE

*Linum bicarpellatum* Sharsmith, Madrono 8: 143. 1945

U.S.A.: California, Lake Co., 3.8 miles east of Middletown, *L.S. Rose 11782*, 31 May 1947, TOPOTYPE

*Linum congestum* Gray, Proc. Amer. Acad. 6: 521. 1865

U.S.A.: California, Marin Co., Tiburon Peninsula, *H.L. Mason 12289*, 20 May 1940, TOPOTYPE

*Linum dolmiticum* Borbas, Termeszettud. Közlöny p. 208-209. 1897

HUNGARY: Szent-Ivany, *Degen* (Fl. Ex. Aust.-Hung. 3617), TOPOTYPE

*Linum goulimyi* Rech. f., Anz. Österr. Akad. Wiss. Math.-Nat. 93: 96. 1956

GREECE: Euboea, *K.H. Rechinger 16564*, 25 May 1955, ISOTYPE

*Linum lasiocarpum* Rose, Contr. U.S. Nat. Herb. 12: 274. 1909

MEXICO: Nuevo Leon, near Monterey, *C.G. Pringle 10209*, 15 Apr. 1906, ISOTYPE

*Linum lepagei* Boivin

KEEWATIN: Akimiski Island, James Bay, *Dutilly & Lepage 15563*, 22 July 1946, PARATYPE

*Linum lepagei* Boivin, Nat. can. 75: 219. 1948

CANADA: Ontario, 45 milles au nord d'Attawapiskat, *Dutilly & Lepage 15786*, 20-30 julliet 1946, HOLOTYPE

*Linum leptopoda* A. Nels., Bot. Gaz. 47: 426. 1909

U.S.A.: Nevada, Clark Co., 1 mile southwest of Las Vegas, *I.W. Clokey 5974*, 20 May 1942, TOPOTYPE

*Linum rigidum* Pursh *puberulum* Engelm. in A. Gray, Pl. Wright 1: 25. 1852  
U.S.A.: New Mexico, nineteen miles west of Santa Fé, *A.A. & E.G. Heller 3635*, 31 May 1897,  
TOPOTYPE

*Linum tommasinii* Reichenbach, Icon. Fl. Germ. et Helv. 6: 66 t. 337 f. 5156a. 1844  
AUSTRIA: montis Spaccato, *Marchesetti* (Fl. Ex. Aust.-Hung. 489), TOPOTYPE

*Lipochaeta dubia* Sherff & Degener, Field Mus. Nat. Hist. 17: 580. 1939  
HAWAIIAN ISLANDS: Oahu, Puu Hapapa, *Degener et al. 12285*, 2 Aug. 1939, ISOTYPE

*Lipochaeta kamolensis* Degener & Sherff., Amer. J. Bot. 38: 63. 1951  
HAWAIIAN ISLANDS: East Maui, Kamole Gulch, *Degener et al. 19288*, 21 Dec. 1948,  
ISOTYPE

*Lipochaeta lobata* DC. var. *leptophylla* Degener & Sherff, Bot. Gaz. 95: 92. 1933  
HAWAIIAN ISLANDS: Oahu, northeast slope of Puu Hopapa, *Degener et al. 12287*, 2 Apr.  
1939, TOPOTYPE

*Lippia dulcis* Trev., Nov. Act. Nat. Cur. 13: 187-188. 1826  
CUBA: five miles above Mantanzas, *F. Rugel 58*, 1849, TOPOTYPE

*Listera borealis* Morong, Bull. Torrey Bot. Club 20: 31. 1893  
CANADA: District of Mackenzie, Fort Smith, *Cody & Loan 3888*, 19 June 1950, TOPOTYPE

*Lithospermum helianthemoides* Shuttl., in DC. Prod. 10: 85. 1846  
U.S.A.: Alabama, Sunmerville, *Rugel*, Oct. 1843, ? ISOTYPE

*Lithospermum oblongifolium* Greenman, Proc. Amer. Acad. 32: 300. 1897  
MEXICO: Cima de Ajusco, *C.G. Pringle 15624*, 17 July 1908, TOPOTYPE

*Litsea alveolata* Allen, J. Arn. Arb. 23: 121-122. 1942  
DUTCH NEW GUINEA: Lake Habbema, *L.J. Brass 9559*, Aug. 1938, ISOTYPE

*Litsea pringlei* Bartlett, Proc. Am. Acad. 44: 598. 1909  
MEXICO: Nuevo Leon, Sierra Madre above Monterey, *C.G. Pringle 10238*, 8 Mar. 1906,  
ISOTYPE

*Lloydia serotina* (L.) Rchb. ssp. *flava* Calder & Taylor  
CANADA: British Columbia, Queen Charlotte Islands, Graham Island, Empire Anchorage, Athlow  
Bay, *Calder & Savile 21483*, 13 June 1957, PARATYPE; mountain at head of McClinton Bay,  
Masset Inlet, *Calder et al. 21583*, 18 June 1957, PARATYPE; end of Dawson Inlet off Skidegate  
Channel, *Calder et al. 22863*, 24 July 1957, PARATYPE; east side of Shields Bay, Rennell Sound,  
*Calder & Taylor 23292*, 8 Aug. 1957, PARATYPE; 3 miles SW of Jalun Lakes, *Calder & Taylor*  
*35646*, 1 July 1964, PARATYPE; north end of Long Arm, *Calder & Taylor 35990*, 15 July 1964,

PARATYPE; Moresby Island, south side of Buck Chaatl Island, *Calder et al. 21769*, 25 June 1957, PARATYPE; Newcombe Peak at head of Cumshewa Inlet, *Calder et al. 2003*, 30 June 1957, PARATYPE; head of Bigsby Inlet opposite Lyell Island, *Calder et al. 22169*, 5-6 July 1957, PARATYPE; small lake immediately west of Bigsby Inlet, east coast of Moresby Island, *Calder et al. 34884*, 10 June 1964, PARATYPE; Echo Harbour off Darwin Sound, east coast of Moresby Island, *Calder et al. 22375*, 9 July 1957, PARATYPE; about 20 miles south of Moresby Logging Camp, 52°55'N 132°03'W, *Calder et al. 23107*, 29 July-2 Aug. 1957, PARATYPE; Mt. de la Touche, Fairfax Inlet, Tasu Sound, *Calder & Taylor 23564*, 16-17 Aug. 1957, PARATYPE; mountain at west end of Mosquito Lake, *Calder & Taylor 23755*, 24 Aug. 1957, PARATYPE; head of Anna Inlet west of Lockeport, *Calder et al. 34920*, 11 June 1964, PARATYPE; Upper Victoria Lake, *Calder & Taylor 35715*, 5 July 1964, PARATYPE; west end of south arm of Kootenay Inlet, *Calder & Taylor 36163*, 21 July 1964, PARATYPE; north side of Sunday Inlet east of narrows, *Calder & Taylor 36615*, 5 Aug. 1964, PARATYPE

*Lloydia serotina* (L.) Rchb. ssp. *flava* Calder & Taylor, Can. J. Bot. 43: 1392. 1965  
CANADA: British Columbia, Queen Charlotte Islands, Moresby Island, *Calder & Taylor 36266*, 25-30 July 1964, HOLOTYPE

*Lobelia cardinalis* L. ssp. *meridionalis* Bowden  
U.S.A.: Florida, Marion County, about 7 miles east of Ocala, *Bowden Cyt. Numbers 99-54-56 & 96-54-512*, grown in Ottawa greenhouse from seed collected at type locality

*Lobelia cardinalis* L. var. *meridionalis* Bowden, Can. Journ. Genet. & Cytol. 2: 241. 1960  
U.S.A.: Florida, Marion Co., 7 mi. E of Ocala and 1 mi. E of Silver Springs, *Bowden & Gillett 99-54*, 3 Sept. 1954, HOLOTYPE

*Lobelia pringlei* S. Watson, Proc. Amer. Acad. 25: 157. 1890  
MEXICO: Nuevo Leon, near Monterey, *C.G. Pringle 13744*, 7 Apr. 1906, TOPOTYPE

*Lobelia puberula* Michx., Fl. Bor. Am. 2: 152  
U.S.A.: Louisiana, Alexandria, *Hale*, ? PARATYPE

*Lobelia puberula* Michx. var. *mineolana* E. Wim, Fedde, Rep. Spec. Nov. 26: 4. 1929  
U.S.A.: Texas, Wood Co., Mineola, *Reverchon*, 23 June 1908, HOLOTYPE (fragment)

*Lobelia reverchoni* Turner, Field & Lab. 18: 46. 1950  
U.S.A.: Texas, Freestone Co., 14.5 mi. south of Fairfield, *B.L. Turner 1594*, 2 Oct. 1949, PARATYPE

*Lobelia ×rogersii* Bowden, Can. J. Bot. 39: 1688. 1961  
CULTIVATED: Central Expr. Farm, Ottawa, Ont., *W.M. Bowden X-949-56*, 4 Jan. 1954, HOLOTYPE



- Lobelia spicata* Lam. var. *campanulata* McVaugh, Rhod. 38: 316. 1936  
U.S.A.: New York, Kinderhook, *R. McVaugh 5111*, 7 July 1940, TOPOTYPE
- Loeflingia squarrosa* Nutt. ssp. *artemisiarum* Barn. & Twiss., Madrono 20: 406. 1971  
U.S.A.: California, Inyo Co., Owens Valley, *E.C. Twisselmann 15537*, 22 May 1969,  
PARATYPE
- Lolium dorei* Boivin, Nat. can. 94: 525. 1967  
CANADA: Saskatchewan, Rutland, *Boivin & Alex 9837*, 14 juillet 1952, HOLOTYPE
- Lolium dorei* Boivin var. *laeve* Boivin, Nat. can. 94: 525. 1967  
CANADA: Saskatchewan, Sturgis, *Boivin & Mosquin 10885* (pro parte), 11 juillet 1955,  
HOLOTYPE
- Lomatium raveni* Const., Bull. Torrey Bot. Club 86: 379-380. 1959  
U.S.A.: California, Lassen Co., 0.5 mile north of Ravendale, *Mosquin & Raven 4390*, 28 May  
1962, TOPOTYPE
- Lomatium tracyi* Mathias & Constance, Bull. Torrey Bot. Club 69: 154. 1942  
U.S.A.: California, Trinity Co., Mary Blaine Mt., *J.P. Tracey 14462*, 3 Aug. 1935, PARATYPE
- Lomatogonium rotatum* (L.) E. Fries ssp. *tenuifolium* (Griseb.) A.E. Porsild f. *albiflorum* Porsild,  
Nat. Mus. Can. Pub. Bot. 4: 54. 1994  
CANADA: Yukon, Dempster Hwy., Km 142, 65 02'N 138 11'W, *W.J. Cody 27927*, 17 July  
1980, TOPOTYPE
- Lonicera hirsuta* Eaton var. *schindleri* Boivin, Phytologia 16: 38. 1968  
CANADA: Quebec, versant sud de la baie James, rivière Nottaway, *Dutilly & Lepage 35179*, 1 août  
1957, PARATYPE; Ontario, Algoma District, Sault Ste. Marie, 47 00'N 84 45'W, *Taylor et al.*  
*1192*, 9 July 1935, PARATYPE; Lake Superior, Mamainse Point, *Bartlett & Richards 464*, 12 Sept.  
1951, PARATYPE; Thunder Bay District, Crooks Township, 1 mile north of Little Pigeon Bay, *C.E.*  
*Garton 1831*, 12 July 1952, PARATYPE
- Lonicera hirsuta* Eaton var. *schindleri* Boivin, Phytologia 16(1): 38. 1968  
CANADA: Manitoba, Réserve Forestière Whiteshell, Lac Falcon, *Boivin et al. 13058*, 24 juin  
1959, HOLOTYPE
- Lopatherum sinense* Rendle f. *leiophyllum* T. Koyama, J. Jap. Bot. 31: 70. 1956  
JAPAN: Yukyuzan, Nagaoka, Prov. Yechigo, *I. Ito*, Aug. 1955, ISOTYPE
- Lopezia ciliatula* Raven, Plitmann & Breedlove, Ann. Missouri Bot. Club 59: 279-280. 1972  
MEXICO: Sierra Surutato, Sinaloa, Cañon de Tatahumares, *D.F. Breedlove 15921*, 27 Feb.  
1968, ISOTYPE

- Lopezia pringlei* Rose, Contr. U.S. Nat. Herb. 12: 300. 1909  
MEXICO: Oaxaca, Sierra de San Felipe, *C.G. Pringle 6005*, 25 Sept. 1894, ISOTYPE
- Lopezia racemosa* Cav. ssp. *moelchenensis* Plitmann, Breedlove & Raven, Ann. Missouri Bot. Gard. 60: 547. 1973  
MEXICO: Chiapas, Moel Ch'en near Tenejapa Center, *D.E. Breedlove 7794*, 30 Nov. 1964, ISOTYPE
- Lophiola septentrionalis* Fernald, Rhod. 23: 243. 1921  
CANADA: Nova Scotia, Tiddville, Little River, *Fernald & Fernald* (Pl. ex. Gray 541), 5 Sept. 1932, TOPOTYPE
- Lotus biolettii* Greene var. *spiralis* Hoover, Leafl. West. Bot. 10(16): 346-347. 1966  
U.S.A.: California, San Luis Obispo Co., Oak Park District, *R.F. Hoover 6198*, 28 June 1946, ISOTYPE
- Lotus campylocladus* Webb & Berth., Phyt. Canar. 2: 83. 1842-1850  
CANARY ISLANDS: Nivaria, Las Canadas, *E.R. Sventenius* (Fl. Sel. Can. 47), 27 Apr. 1964, TOPOTYPE
- Lotus conimbricensis* Brotero, Flora Lusitanica 2: 118. 1804  
SPAIN: Coimbra, prope Quintas das-sete-fontes, *W. Rothmaler*, 15 June 1936, TOPOTYPE
- Lotus douglasii* Greene var. *congestus* Ottley, Univ. Calif. Pub. Bot. 10: 225-226. 1923  
U.S.A.: California, Humboldt Co., Klamath River, *H.P. Chandler 1487*, June 1901, PARATYPE
- Lotus laricus* Rech. f. & Allen, Engler Bot. Jahr. 75: 333-4. 1951  
IRAN: Inter Hajiabad prope Tarum et Parabedin *Rechinger et al. 3327*, 29 Apr. 1948, ISOTYPE
- Lotus mascaënsis* Burchard, Fedde Repert. Nov. Sp. 7: 328. 1909  
CANARY ISLANDS: Nivaria, Masca, *E.L. Sventenius* (Fl. Sel. Canariensis 48), 1 May 1957, TOPOTYPE
- Lotus scoparius* (Nutt.) Ottley var. *perplexans* Hoover, Leafl. West. Bot. 10: 348. 1966  
U.S.A.: California, Monterey Co., Malpasos Creek, *R.F. Hoover 9486*, 11 July 1965, ISOTYPE
- Lotus sessilifolius* DC., Cat. Hort. Monsp. 122  
CANARY ISLANDS: Tenerife, *E. Asplund 428*, 20 Mar. 1933, TOPOTYPE
- Loxopterygium gutierrezii* F. Barkley, Lloydia 25: 121. 1962  
COLOMBIA: Santa Marta, *H.H. Smith 911*, 1898-1901, ISOTYPE
- Loysia aloysioides* Loes. & Moldenki, Phytologia 2: 9. 1941  
PERU: Lima, cerros al Norte de Chosica, *Weberbauer*, Apr. 1923, TOPOTYPE

*Lozanella trematoides* Greenm., Proc. Am. Acad. 41: 236-237. 1906

MEXICO: Hidalgo, Barranca below Honey Station, *C.G. Pringle 10817*, 17 June 1908,  
TOPOTYPE

*Ludwigia ravenii* Peng., Syst. Bot. 9: 129. 1984

U.S.A.: South Carolina, Berkeley Co., W of Moncks Corner, *Ching-I Peng 4402*, 9 Sept. 1982,  
ISOTYPE

*Luina serpentina* Cronq., Vasc. Pl. Pac. N.W. 5: 257-258. 1955

U.S.A.: Oregon, Grant Co., Fields Creek, 17 miles SE of Dayville, *A. Cronquist 7620*, 26 July  
1953, ISOTYPE

*Lupinus arcticus* S. Wats. forma *albus* Cody

CANADA: Yukon, about 15 miles on 60 Mile Road from West Dawson, *Calder & Billard 3750*,  
11 July 1949, PARATYPE

*Lupinus arcticus* S. Wats. f. *albus* Cody, Can. Field-Nat. 108(1): 94. 1994.

CANADA: Yukon Territory, Richardson Mts., S end of Skull Range, *Cody & Ginns 31629*, 12 July  
1982, HOLOTYPE

*Lupinus arcticus* S. Wats. f. *albus* Cody, Can. Field-Nat. 108(1): 94. 1994

CANADA: Yukon Territory, about 15 miles on 60 Mile Road from West Dawson to Alaskan  
border, *Calder & Billard 3750*, 11 July 1949, PARATYPE

*Lupinus argenteus* Pursh f. *albiflorus* Boivin, Nat. can. 87:38. 1960

CANADA: Saskatchewan, Cypress Hills, Maple Creek, *A.J. Breitung 4981*, 22 July 1947,  
HOLOTYPE

*Lupinus amphibius* Suksdorf, Werdenda 1: 13. 1923

U.S.A.: Washington, Klickitat Co., Columbia River at Bingen, *W. Suksdorf 7154*, 19 Sept. 1910,  
ISOTYPE

*Lupinus aridus* Dougl. in Edwards, Bot. Req. t. 1242. 1829

U.S.A.: Washington, Kittitas Co., near Vantage, *J.W. Thompson 11441*, 11 May 1935,  
TOPOTYPE

*Lupinus bingenensis* Suksdorf, Werdenda 1: 12. 1923

U.S.A.: Washington, Klickitat Co., Bingen, *W. Suksdorf 5036*, 12 June 1905, ISOTYPE

*Lupinus bingenensis* Suksdorf var. *roseus* Suksdorf, Werdenda 1: 24. 1927

U.S.A.: Washington, Klickitat Co., Bingen Mountain, *W. Suksdorf 11855*, 5 May 1925,  
ISOTYPE

*Lupinus bingenensis* Suksdorf var. *subsaccatus* Suksdorf, Werdenda 1: 13. 1923

U.S.A.: Washington, Klickitat Co., *W. Suksdorf 11405*, 25 May, 10 May 1924, ISOTYPE

*Lupinus christinae* Heller, Leafl. West. Bot. 2: 279. 1940

U.S.A.: California, Shasta Co., Lassen Volcanic National Park, *L.S. Rose 55137*, 18 July 1955, TOPOTYPE

*Lupinus corymbosus* Heller, Muhlenbergia 2: 69. 1905

U.S.A.: California, Siskiyou Co., Montague, *A.A. Heller 14607*, 9 June 1928, TOPOTYPE

*Lupinus eximius* Davy, Erythea 3: 116. 1895

U.S.A.: California, San Mateo Co., Crystal Springs Lake, *Eastwood & Howell 6077*, 26 June 1938, TOPOTYPE

*Lupinus hintonii* Smith, Species Lupinorum 63. 1938

MEXICO: Crucero to Raices, *G.B. Hinton 9019*, 25 Apr. 1936, PARATYPE

*Lupinus humicola* Nelson, Bull. Torrey Bot. Club 25: 204. 1898

U.S.A.: Wyoming, Albany Co., Laramie Hills, *E.B. Payson 4755*, 18 May 1925, TOPOTYPE

*Lupinus kuschei* Eastw., Leafl. West. Bot. 3: 170. 1942

CANADA: Yukon Territory, Carcross, *W.J. Cody 25601*, 13 June 1980, TOPOTYPE

*Lupinus leucophyllus* Dougl. var. *belliae* C.P. Smith, Bull. Torrey Bot. Cl. 51: 305. 1924

U.S.A.: Idaho, Power Co., Crystal Creek, *M.B. Zundel*, 10 Sept. 1914, ISOTYPE

*Lupinus sericeus* Pursh f. *leucanthus* Boivin, Phytologia 15: 365. 1967

CANADA: Alberta, Montagne de Lait, 10 milles au sud ouest de Milk River, *Boivin & Alex 9501*, 26 juin 1952, HOLOTYPE

*Lupinus sierrae-blancae* Wooton & Standley, Contr. U.S. Nat. Herb. 16: 138. 1913

U.S.A.: New Mexico, Sierra Blanca, *W.W. Eggleston 18854*, 30 July 1923, TOPOTYPE

*Lupinus tracyi* Eastw., Leafl. West. Bot. 2: 268. 1940

U.S.A.: California, Humboldt Co., Trinity Summit, *J. Tracy 10598*, 15 July 1932, ISOTYPE

*Lupinus violaceus* Heller, Muhlenbergia 2: 65. 1905

U.S.A.: California, Siskiyou Co., *A.A. Heller 14371*, 14 May 1927, TOPOTYPE

*Lupinus volcanicus* Greene, Pittonia 3: 308. 1898

U.S.A.: Washington, Pierce Co., Mt. Rainier, *J.W. Thompson 12570*, 14 Aug. 1935, TOPOTYPE

*Luzula campestris* (L.) DC. var. *acadiensis* Fernald, Rhod. 19: 38-39. 1917

CANADA: Prince Edward Island, Charlottetown, *Fernald & St. John*, 30 June 1914 (Pl. ex. Gray 190), PARATYPE

*Luzula canariensis* Poir., Encycl. meth. Suppl. 3: 532. 1813  
SPAIN: Canary Islands, Nivaria, Las Mercedes, *E.R. Sventenius* (Fl. sel. canariensis 99), 13 Apr. 1947, TOPOTYPE

*Luzula chilensis* Nees & Meyer f. *frequentor* Barros, Darwiniana 10: 321. 1953  
ARGENTINA: Chubut, Coreovado, *A. Krapovickas* 4014, 2-1-1. 1948, PARATYPE

*Luzula groenlandica* Böcher, Med. om Gron. 147(7): 18. 1950  
GREENLAND: Sondre Stromfjord, *T.W. Böcher* 856, 28 Aug. 1946, TOPOTYPE

*Luzula hawaiiensis* Buchenau, Krit. Vers. Junc. 54, 85. 1880  
HAWAIIAN ISLANDS: Kanai, *O. & I. Degener* 23852, 7 Sept. 1955, TOPOTYPE

*Luzula saltuensis* Fernald, Rhod. 5: 195. 1903  
U.S.A.: Maine, Orono, *M.L. Fernald* (Pl. ex. Gray 85) 14 May 1902, TYPE COLLECTION MATERIAL (2 SHEETS)

*Lychnis alpina* L. var. *oelandica* Alhq., Publication unknown  
SWEDEN: Vickleby, *B. Boivin et al.* 6989, 3 juillet, 1950, TOPOTYPE

*Lychnis apetala* L. var. *nutans* Boivin, Can. Field-Nat. 65: 5. 1951  
CANADA: Dist. of Keewatin, Southampton Island, Coral Harbor, *W.J. Cody* 1341, 16 July 1948, HOLOTYPE

*Lychnis apetala* L. f. *palea* Polunin, Contr. Gray Herb. 165: 97. 1947  
CANADA: Dist. of Keewatin, Southampton Island, Coral Harbor, *W.J. Cody* 1334, 15 July 1948, TOPOTYPE

*Lychnis drummondii* Watson var. *heterochroma* Boivin, Phytologia 16: 319.168  
U.S.A.: Wyoming, Medicine Bow Mts. near Keystone, *C.L. Porter* 4650, 14 July 1948, HOLOTYPE

*Lychnis gillettii* Boivin  
CANADA: Manitoba, Fort Churchill, 57°45'N 94°05'W, *J.M. Gillett* 1917, 30 June 1948, PARATYPE; same locality, *J.M. Gillett* 2099, 15 July 1948, PARATYPE; same locality, *E. Beckett* 3794, 10 July 1946, PARATYPE

*Lychnis gillettii* Boivin, Can. Field-Nat. 65: 6. 1951  
CANADA: Manitoba, Fort Churchill, *J.M. Gillett* 2418, 5 Aug. 1948, HOLOTYPE

*Lychnis ×loveae* Boivin, Nat. can. 93: 643. 1966  
CANADA: Alberta, Lethbridge, *Boivin & Perron* 12174, 22 juin 1958, HOLOTYPE

*Lychnis mexicana* Rose, Contrib. U.S. Nat. Herb. 5: 141. 1897

MEXICO: La Cima de Ajusco, C.G. Pringle 13774, 2 Aug. 1906, TOPOTYPE

*Lychnis nivalis* Kit. apud Schult., Osterr. Fl. ed. 2. I: 698. 1814

HUNGARY: Beszterce-Noszod; Unoko supra pag. Radna-Borberek, L. Haynald (Fl. Hung. ex. IX 937), 26 July 1860, TOPOTYPE

*Lynchis sorensensis* Boivin

GREENLAND: Home Foreland, Red River, 73°53'N 21°00'W, T. Sorensen 4446, 26 July 1933, PARATYPE; Skaerfjord: Cape Amelie, 77°32'N 19°20'W, T. Sorensen 2352, 12 Aug. 1933, PARATYPE; Clavering Island: Granatdal, 74°10'N 21°34'W, T. Sorensen 4445, 20 July 1933, PARATYPE; The northernmost Fame Island, 70°50'N 22°30'W, T. Sorensen 386, 8 July 1933, PARATYPE; Clavering Island: Hird Bay, 74°10'N 20°30'W, T. Sorensen 4439, 23 July 1933, PARATYPE; Skaerfjord: C.F.Mourier Fjord, 77°25'N 20°15'W, T. Sorensen 2319 and 2321, 15 Aug. 1933, PARATYPE; Clavering Island: Eskimonaes, 74°06'N 21°20'W, T. Sorensen 4470, 4482 and 4485, 16 July 1933, PARATYPE; Germania Land: Danmarkshavn, 76°46'N 18°46'W, T. Sorensen 2307, PARATYPE; Skaerfjord: north side of Klaegbugt, 77°40'N 20°54'W, T. Sorensen 2337, 2338, 13 Aug. 1933, PARATYPE; Gael Hamke Bay: Terneskaer, 73°55'N 21°00'W, T. Sorensen 4428, 4437, 26 July 1933, PARATYPE; Clavering Island: Granatelv, 74°10'N 21°34'W, T. Sorensen 4453, 4457, 4463, 19 July 1933, PARATYPE; Liverpool Land, east side of Hurry Inlet, Kalkal, 70°50'N 22°20'W, T. Sorensen 394, 395, 396, 390, 10 July-9 Aug. 1933, PARATYPE

*Lychnis sorensensis* Boivin, Can. Field-Nat. 65: 6. 1951

GREENLAND: Liverpool Land, T. Sorensen 359a, 10 July 1933, HOLOTYPE

*Lycium chilense* Miers var. *o'donellii* Barkl., Lilloa 26: 231-232. 1953

ARGENTINA: Puerto Madryn, C.A. O'Donell 3226, 24 Oct. 1945, PARATYPE

*Lycium torreyi* Gray var. *filiforme* Jones, Proc. Cal. Acad. ser. 2, 5: 714. 1895

U.S.A.: Arizona, Beaverdam, M.E. Jones 5015, 5 Apr. 1894, ISOTYPE

*Lycopodium alpinum* L. var. *thellungii* W. Herter, Schinz und Keller, Fl. der Schweiz III Aufl. I. 14. 1909

SWITZERLAND: Zentralalp, A. Thellung, (Fl. Raetica Exsiccata 901) 10 Aug. 1905, TOPOTYPE

*Lycopodium annotinum* L. var. *annotinum* f. *proliferum* Lepage, Nat. can. 84: 37. 1957

CANADA: Quebec, ile Wood Harbour, 52°33'N 78°47'W, E. Lepage 33,074, 26 juillet 1955, ISOTYPE

*Lycopodium complanatum* L. var. *gartonis* Boivin

CANADA: District of Mackenzie, Fort Simpson, Cody & Matte 9171, 4 Aug. 1955, PARATYPE; Ontario: Thunder Bay District, Hardwick Twp., Gravel Lakes, C.E. Garton 1651, 25 Aug. 1951, PARATYPE; Saskatchewan: District of Melfort, Candle Lake, 5 miles au sud, Boivin, Greenwood

& Mosquin 10754, 5 juillet 1955, PARATYPE; Candle Lake, Boivin & Breitung 6277, 29 June 1949, PARATYPE; Candle Lake, Boivin & Mosquin 11464, 20 août 1955, PARATYPE; Fort a La Corne, Boivin & Breitung 6126, 21 June 1949, PARATYPE; Vicinity of Wolverine Point, Lake Athabasca, H.M. Raup 6797, 3 Aug. 1935, PARATYPE

*Lycopodium complanatum* L. var. *gartonis* Boivin, Nat. can. 87: 38. 1960  
CANADA: Ontario, Thunder Bay Dist., Robbins Twp., 1 mile north of Arrow River, C.E. Garton 2457, 10 Oct. 1954, HOLOTYPE

*Lycopodium douglasii* Hook. & Grev., Monogr. Lyc. II: 92. 1850  
U.S.A.: Oregon, Multnomah Co., Multnomah Falls, J.W. Thompson 11368, 18 Apr. 1935, TOPOTYPE

*Lycopodium sabinaefolium* Willd. var. *sitchense* (Rupr.) Fern. f. *decipiens* Lepage, Nat. can. 84: 89. 1957  
CANADA: Quebec, lac Duncan, 53°35'N 77°55'W, Dutilly & Lepage 34,141, 7 août 1956, ISOTYPE

*Lycopodium sabinaefolium* Willd. var. *superfertile* Marie-Victorin, Contr. Lab. Bot. Univ. Montreal 3: 43. 1925  
CANADA: Quebec, co. Port-Neuf, St-Raymond (Petit-Saguenay) Marie-Victorin et al. 56115, 2 août 1943, TOPOTYPE

*Lycoseris oblongifolius* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 162-163. 1920  
COLOMBIA: Santa Marta, H.H. Smith 661 (1898-1901), ? ISOTYPE

*Lysiloma bahamensis* Benth. in Hooker, London J. Bot. 3: 82-83. 1844  
BAHAMAS: New Providence, along Farrington Rd., W of Nassau, Webster et al. 10600, 23 July 1960, TOPOTYPE

*Lysimachia commixta* Fern., Rhod. 52: 199. 1950  
CANADA: Quebec, Co. de Chambly, Iles de Boucherville, Victorin & Germain 44155, 30 août 1931, PARATYPE

*Lysimachia hillebrandii* Hook. f., Proc. Am. Acad. 5: 328-329. 1861-62  
HAWAIIAN ISLANDS: W Maui, Olowalu Valley, C.N. Forbes 2368, 14 May 1920, TOPOTYPE

*Lysimachia terrestris* (L.) BSP. f. *florifera* Boivin  
CANADA: Newfoundland, 6 miles north of Tompkins, I.J. Bassett 749, 12 Aug. 1949, PARATYPE; Saint-Pierre et Miquelon, Savayard, M. Le Hors s.n., 5 août 1931, PARATYPE; Nova Scotia, Sable Island, H.T. Gussow s.n., Sept. 1911, PARATYPE; Antigonish County, Copper Lake, near Lochaber, E. Gorham s.n., 25 July 1946, PARATYPE; Colchester County, Bible Hill near

Truro, *A.R. Prince 1587*, 9 July 1930, PARATYPE; Truro, *F.Fyles s.n.*, 24 July 1915, PARATYPE; Lunenburg County, Chester, *M.N. Zinck 1183*, PARATYPE; Queens County, Port Mouton, *R.J. Baylis s.n.*, 20 July 1939, PARATYPE; Prince Edward Island, Keefis Lake, *H. Groh s.n.*, 26 July 1926, PARATYPE; New Brunswick, Sunbury County, Fredericton, *H. Groh s.n.*, 16 July 1926, PARATYPE; near Fredericton, *C. McKenny 30*, 4 Aug. 1939, PARATYPE; co. de Berthier, Lavaltrie, *C. Marcoux s.n.*, 17 juillet 1940, PARATYPE; Brome County, north of Brome Lake, *J.A. Calder 1218*, 27 July 1947, PARATYPE; Gatineau County, Blue Sea Lake near Burbidge, *H.A. Senn 2217*, 6 Sept. 1943, PARATYPE; Aylmer, *J.A. Hayes s.n.*, 4 July \_\_\_\_, PARATYPE; Aylmer, *H.A. Senn 920*, 20 Sept. 1938, PARATYPE; Wakefield, *H.A. Senn 1495, 1937*, 9 July 1939, & 16 July 1941, PARATYPES; Lac Johnson, *Senn et al. 128*, 28 June 1940, PARATYPE; Lac Philippe, *Minshall & Zinck 189, 267 & 308, 1, 6 Aug. 1949*, PARATYPES; Saint-Roch-des-Aulnaies, *H. Groh s.n.*, 12 July 1926, PARATYPE; Montmagny, Grosse-Ile, St. Lawrence River, *R.P. Hanson 353*, 1 July 1944, PARATYPE; Papineau County, Templeton, *J.A. Calder M-116*, 27 July 1946, PARATYPE; Lac des Loups, *Senn et al. 917*, 16 July 1941, PARATYPE; Quebec, Lorette, *F. Fyles s.n.*, 20 Aug. 1913, PARATYPE; Ontario, Algoma District, Michipicoten Harbour, *Hosie et al. 2031*, 2 Aug. 1938, PARATYPE; Ingolf, *W.N. Denike 343, 394, 545, 1291*, 8 July, 5 July, 15 July 1939, 1 Aug. 1940, PARATYPES; Carleton County, Shirley Bay, *Calder & Cody 976*, 6 July 1947, PARATYPE; Ottawa, *C. Frankton 884*, 6 July 1949, PARATYPE; Goulbourn Twp., *Soper et al. 3203*, 25 June 1946, PARATYPE; Torbolton Twp., MacLaren Warf, *Soper & Minshall 2871*, 1 Aug. 1945, PARATYPE; Torbolton Twp., *H.S. Senn 1952*, 10 July 1941, PARATYPE; North Gower, *I.J. Bassett 73*, 15 July 1948, PARATYPE; Constance Bay, *W.H. Minshall s.n.*, 30 June 1938, PARATYPE; Torbolton Twp., *Senn et al. 953*, 10 July 1942, PARATYPE; Britannia, *R.A. Inglis s.n.*, 30 July 1916, PARATYPE; New Orchard Beach, *R.A. Inglis s.n.*, 1 July 1920, PARATYPE; Lanark County, Beckwith Twp., *Senn et al. 62, 602*, 3 July 1941, PARATYPE; Lambton County, Ipperwash Beach Park, *Soper & Burcher 2261*, 21 July 1940, PARATYPE; Muskoka County, Milford Bay, *W.H. Minshall 3069*, 24 June 1942, PARATYPE; Nipissing County, south of Mattawa, *Frankton & Bibbey 585*, 14 Aug. 1947, PARATYPE; Lac Nipissing, *Victorin et al. 46393*, 2 août 1932, PARATYPE; Norfolk County, Lake Erie, Turkey Point, *J.H. Soper 271*, 30 June 1938, PARATYPE; Parry Sound County, Franklin Island, *M. Cordingly s.n.*, 9 July 1946, PARATYPE; Chinook Island, *F.D. McDonald 35*, 11 July 1942, PARATYPE; Prescott County, Hawksbury, *Minshall 1474*, 27 July 1939, PARATYPE; Renfrew County, 35 miles southeast of Mattawa, *Bassett et al. 175*, 19 Sept. 1948, PARATYPE; Castleford, *W.H. Minshall 3593*, 29 July 1945, PARATYPE; Deux-Rivières, *Mulligan & Dore 578*, 4 Aug. 1949, PARATYPE; Waterloo County, Grand River near Doon, *F.H. Montgomery 294*, 2 July 1939, PARATYPE; Manitoba, Sasaginnizak Lake, *A.J. Breitung 7635*, 8 July 1949, PARATYPE; Caddy Lake, *W. Leach 332*, July 1939, PARATYPE; Winnipeg, *W.N. Denike 153*, 1 July 1940, PARATYPE

U.S.A.: Indiana, Jasper County, Jasper-Pulaski Game Preserve, *R.C. Friesner 22269*, 17 July 1948, PARATYPE; Maine, Waldo County, Meguticook Lake, *R.C. Friesner 10238*, 10 August 1936, PARATYPE; Massachusetts, Amherst, *W.P. Brooks s.n.*, 30 June 1874, PARATYPE; Michigan, northwest of Oscoda, *G.A. Loughridge 2400*, 16 July 1944, PARATYPE; New Jersey, Burlington County, west of Warren Grove, *Lawrence & Dress 291*, 20 June 1948, PARATYPE; New York, Cold Spring-on-Hudson, *I.K. McMorine s.n.*, 21 July 1894, PARATYPE

*Lysimachia terrestris* (L.) BSP. f. *florifera* Boivin, Nat. can. 87(2): 40. 1960



CANADA: Ontario, Kiministiquia River, *C.E. Garton 1237*, 4 Aug. 1950, HOLOTYPE

*Lythrum flagellare* Shuttlw. ex. Koehne, *Engl. Bot. Jahrb.* 1: 321. 1881; ex *Nieuw. Am. Midl. Nat.* 3: 268. 1914

U.S.A.: Florida, Braidentown, *S.M. Tracy 7594*, 20 July 1901, TYPE COLLECTION MATERIAL

*Maba sandwicensis* A.DC. *Prod.* 8: 242. 1844

CANARY ISLANDS: Maui, bet. Nihiku and Hana, *O. & I. Degener 27604*, 4 July 1961, TOPOTYPE

*Machaeranthera ammophila* Reveal

U.S.A.: Nevada, Nye County, 1 mile northwest of Carson Slough, *J.L. Reveal 1538*, 13 July 1968, PARATYPE; 0.2 mile east of Carson Slough, *J.L. Reveal 1942*, 4 July 1968, PARATYPE

*Machaeranthera ammophila* Reveal, *Bull. Torrey Bot. Cl.* 97(3): 171. 1970

U.S.A.: Nevada, Nye Co., Ash Meadows, 0.3 mi. W of Carson Slough on Devil's Hold Rd., *Reveal & Holmgren 1882*, 21 Aug. 1968, ISOTYPE

*Machaeranthera glabriuscula* (Nutt.) Cronq. & Keck var. *confertifolia* Cronq., *Leafl. West. Bot.* 10: 11. 1963

U.S.A.: Utah, Kane Co., Cottonwood Creek, 21 mi. SE of Cannonville, *A. Cronquist 9147*, 30 May 1961, PARATYPE

*Machaeranthera ramosa* Nelson, *Bull. Torrey Bot. Cl.* 28: 233. 1901

U.S.A.: Wyoming, Albany Co., Laramie, *A. & R. Nelson 1006*, 21 Sept. 1933, TOPOTYPE

*Machaeranthera tortifolia* (T. & G.) Cronq. & Keck var. *imberbis* Cronq., *Leafl. West. Bot.* 10: 12. 1963

U.S.A.: Utah, Grand Co., Green River west of Moab, *A. Cronquist 8994*, 10 May 1961, ISOTYPE

*Machaerium glabratum* Pittier, *Contr. U.S. Nat. Herb.* 20: 116. 1918

COLOMBIA: Santa Marta, *H.H. Smith 264*, 1898-1901, ? ISOTYPE

*Machaerium glabratum* Pittier, *Contr. U.S. Nat. Herb.* 20: 116. 1918

COLUMBIA: Santa Marta, *H.H. Smith 2032*, 1898-1901, PARATYPE

*Machaerium millefolium* Pittier, *Contr. U.S. Nat. Herb.* 20: 119. 1918

COLOMBIA: Santa Marta, *H.H. Smith 2033*, 1898-1901, ? ISOTYPE

*Machaonia microphylla* Griseb., *Mem. Am. Acad.* 8: 510. 1863

CUBA: near Rio San Juan at Camino del Sur, *Howard et al. 397*, 17 July 1951, TOPOTYPE

- Maesa emirnensis* A.DC., Ann. Sc. Nat. Ser. II 16: 79. 1841  
MADAGASCAR: Sud de Moramanga, *M.R. Decary 6942*, 8-2-1930, TOPOTYPE
- Maesa formosana* Mez., Engl. Pflansenreich 8(4): 29. 1902  
FORMOSA: Mt. Lion, *T.S. Liu*, 25 Apr. 1950, TOPOTYPE
- Malacothrix fendleri* A. Gray, Pl. Wright. 2: 104. 1852  
U.S.A.: New Mexico, Hills fifteen miles west of Santa Fe, *A.A. & E.G. Heller 3573*, 22 May 1897, TOPOTYPE
- Malcolmia crenulata* (DC.) Boiss., Boiss. var. *albiflora* Eig. Second Contrib. Fl. Palestine p. 2. 1927  
ISRAEL: Jerusalem, Mt. Scopus, *I. Amdursky*, (Fl. Palestinae ex. 127), 18 Feb. 1931, TOPOTYPE
- Malus macounii* Greene, Ott. Nat. 18: 215-216. 1905  
CANADA: British Columbia, Chilliwack Lake, *J.M. Macoun*, 7 July 1901, 13 July 1901, TYPE COLLECTION MATERIAL
- Malva aurantiacum* Scheele, Linnaea 21: 469. 1848  
U.S.A.: Texas, New Braunfels, ? *Lindheimer 683*, July 1860, TOPOTYPE
- Malva prostrata* Phil., Ann. Univ. Chil. 2: 163. 1870  
CHILE: Mendoza, Las Hernas, Parmillo de Uspallata, *J.H. Hunziker 3017*, 21 Jan. 1948, TOPOTYPE
- Malvastrum hallii* Eastw., Leafl. West. Bot. 1: 216. 1936  
U.S.A.: California, Contra Costa Co., Mt. Diablo, *L.S. Rose 54082*, 29 June 1954, TOPOTYPE
- Malvastrum howellii* Eastw., Leafl. West. Bot. 1: 220. 1936  
U.S.A.: California, Contra Costa Co., Nortonville, *L.S. Rose 54081*, 29 June 1954, TOPOTYPE
- Malvastrum involucratum* Robins. in A. Gray, Syn Fl. N. Am. 1(1): 310. 1897  
U.S.A.: California, Monterey Co., Carmel Valley, *L.S. Rose 53039*, 31 May 1953, TOPOTYPE
- Malvastrum paniculatum* Gray, Proc. Amer. Acad. 22. 290. 1868  
MEXICO: Baja California, Ensenada, *L.S. Rose 60083*, 26 Aug. 1960, TOPOTYPE
- Malvastrum wrightii* Gray, Mem. Am. Acad. Arts & Sc., N.S., 4: 21. 1849  
U.S.A.: Texas, New Braunfels, ? *Wright*, July 1860, ? TOPOTYPE
- Mandevilla attenuata* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 89-90. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 1663* (1898-1901), ? ISOTYPE

- Manettia pectinata* Sprague, Bull. Herb. Boissier 5: 836. 1905  
COLOMBIA: Santa Marta, *H.H. Smith 1665*, 1898-1901, ? ISOTYPE
- Manettia smithii* Sprague, Bull. Herb. Boissier 5: 267. 1905  
COLOMBIA: Santa Marta, *H.H. Smith 1393*, 1898-1903, ? ISOTYPE
- Manihot intermedia* Weatherby, Proc. Amer. Acad. 45: 427. 1910  
MEXICO: Guerrero, Iguala Canyon, *C.G. Pringle 13938*, 29 July 1907, ISOTYPE
- Manilkara letestui* Aubr. & Pelleg., Nat. Syst. Paris 16: 234. 1961  
GABON: Ngou, entre l'Ogooué et Cameroun, *M.G. LeTestu 9322*, 1932-1934, ISOTYPE
- Mannagettaea ircutensis* Popov, Not. Syst. Herb. Inst. Bot. Acad. Sci. URSS 16: 10. 1954  
U.S.S.R.: Burjato-Mongolia, ad fl. Irkut, *Popov. & Bardunov*, 22 July 1953, (Fl. ex. CCCP 3849), ISOTYPE
- Mapourea biacuminata* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 136-137. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 1826* (1898-1901), ? ISOTYPE
- Marcia laruotteana* Camb. var. *australis* Legrand, Flora Ilustr. Catar 1. Fasc. Mirt.: 317. 1969  
BRAZIL: Mun. Abelardo Luz 4 km north of Abelardo Luz, *Smith & Retz 12883*, 23 Oct. 1964, PUBLICATION NOT AVAILABLE
- Marina stilligera* Barneby, Mem. N.Y. Bot. Gard. 27: 130-131. 1977  
MEXICO: Mexico, Valle de Bravo to Colorines, *Ripley & Barneby 14876*, 1 Dec. 1967, PARATYPE
- Marrubium alternidens* Rech. fl. Öseterr. Bot. Zeitschr. 99: 37- 39. 1952  
IRAN: Khorasan, inter Kain et Birdjand, *K.H. & F. Rechinger 4165*, 26 May 1948, PARATYPE
- Marrubium ayardii* Maire, Bull. Soc. Sc. Nat. Maroc. 8: 139. 1928 [1929]  
MOROCCO: Moyen Atlas Central, *Mathez et al.*, 7 juillet 1963, TOPOTYPE
- Marsdenia asclepioidea* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 100-101. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 1667* (1898-1901), ? ISOTYPE
- Marsdenia ecorpuscula* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 99-100. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 2094* (1898-1901), ? ISOTYPE
- Marsdeni pringlei* Watson, Proc. Amer. Acad. 25: 158. 1890  
MEXICO: Nuevo Leon, near Monterrey, *C.G. Pringle 10190*, 5 June 1906, TOPOTYPE

- Mascagnia americana* Bert in DC. Prodr. 1:585. 1824  
COLUMBIA: Santa Marta, *H.H. Smith* 336, 1898-1901, ISOTYPE
- Mascagnia nervosa* Ndz., Arb. Inst. Braunsb. 3: 11-12. 1908  
COLUMBIA: Santa Marta, *H.H. Smith* 344, 1898-1901, ISOTYPE
- Mascarenhasia aborescens* A.DC., Prodr. 8: 488. 1844  
MADAGASCAR: l'Ankara, *M.R. Decary* 14.53f, 24 July 1939, TOPOTYPE
- Mascarenhasia lisianthiflora* A.DC., Prodr. 8: 487. 1844  
MADAGASCAR: *M.R. Decary* 7800, 22 May 1930, TOPOTYPE
- Matthiola porphyrantha* Rech. f., Aell., Esfand., Phytion 3: 61. 1951  
IRAN: Kerman et Fars, inter Saidabad (Sirdjan) et jugum Cah Coghuk (Cafut), *Rechinger et al.* 3170, 28 Apr. 1948, ISOTYPE
- Maytenus longipes* Briq., Annuaire Conserv. Jard. Bot. Genève 20: 361. 1919  
COLOMBIA: Santa Marta, *H.H. Smith* 454, 1898-1901, ? ISOTYPE
- Medicago hypogaea* E. Small, Taxon 33(4): 622-635. 1984  
ISRAEL: cultivated at Central Experimental Farm, Ottawa, Canada, *E. Small* F177, 1983, NEOTYPE
- Medicago lesinsii* E. Small, Can. Jour. Bot. 63(14): 733-734. 1985  
ALGERIA: cultivated at Central Experimental Farm, Ottawa, Canada, *E. Small* M1149, 1983, HOLOTYPE
- Medicago lesinsii* E. Small, Can. J. Bot. 63(4): 733-734. 1985  
CULTIVATED: Canada, Central Experimental Farm, Ottawa, (from Algeria), *E. Small* M1149, 1984, HOLOTYPE
- Medicago pironae* Vis., Obs. in Catal. sem. in horto bot. Patavino lect. anno 1885: 8  
JUGOSLAVIA: ad Tolmein in valle fluvii Isonzo, *Kammerer* (Fl. ex Aust-Hung. 803), TOPOTYPE
- Medicago rigiduloides* E. Small, Can. J. Bot. 68(12): 2614-2617. 1990  
IRAQ: cultivated at Central Experimental Farm, Ottawa, Canada, *Small & Brookes* M1282C, 1986, HOLOTYPE
- Medicago sativa* L. f. *prolifera* Dore, Can. Field-Nat. 73: 150. 1959  
CANADA: Manitoba, Gilbert Plains (cult.), *W.E. Sackston*, 7 Sept. 1950, HOLOTYPE
- Medicago syriaca* E. Small, Can. J. Bot. 68(7): 1473-1478. 1990

SYRIA: cultivated at Central Experimental Farm, Ottawa, Canada, *Small & Brookes M1348*, 1988, HOLOTYPE

*Medicago truncatula* Gaertn. f. *laxicycla* E. Small, M. Jomphe and B. Brookes, *Pl. Syst. Bot.* 174(1-2): 37-46. 1991

LIBYA: cultivated at Central Experimental Farm, Ottawa, Canada, *E. Small M1353D*, 1988, HOLOTYPE

*Melampodium arvense* Robinson, *Proc. Amer. Acad.* 36: 464. 1901

MEXICO: Federal District, Valley of Mexico, *C.G. Pringle 8610*, 7 Sept. 1901, TOPOTYPE

*Melampyrum angustissimum* Beck, *Verh. der Zool.-botan. Ges. in Wien* 32: 187. 1883

AUSTRIA: montis Schneeberg in loco Thalhofriese dicto, *Beck*, (*Fl. ex. Aust.-Hung.* 627), TOPOTYPE

*Melampyrum grandiflorum* Kerner, *Sched. Fl. Exsicc. Aust.-Hung.* 2: 114

AUSTRIA: montis Semmering, *A. Kerner* (*Fl. Ex. Aust.-Hung.* 626), ISOTYPE

*Melampyrum hoermannianum* K. Maly, *Magyar Bot. Lap.* 7: 231. 1908

BOSNIA: pr. Sarajevo, *K. Maly*, May 1904, TYPE COLLECTION MATERIAL

*Melampyrum paradoxum* Ronniger & Schinz in Schinz & Keller *Fl. Schweiz*, ed. 3, 1: 489. 1909

AUSTRIA: Stiria, ad Ramsau prope Schladming, *A.V. Hayek*, July 1911, TOPOTYPE

*Melampyrum pratense* L. var. *hians* Druce, Publication unknown

ENGLAND: Somerset, *C.E. Salmon*, 28 July 1898, ? TYPE COLLECTION MATERIAL

*Melia azedarck* L. var. *intermedia* Makino, Publication unknown

JAPAN: Kochi Pref., Godaisan, Kochi City, *T. Makino*, 13 Sept. 1913, ? TYPE COLLECTION MATERIAL

*Melia azedarach* L. var. *toosendan* Makino, Publication unknown

JAPAN: Kochi Pref., Godaisan, Kochi City, *T. Makino*, Dec. 1892, ? TYPE COLLECTION MATERIAL

*Melica ×aschersonii* M. Schulze, *Mit. Bot. Ver. Jena* 7: 38. 1889

GERMANY: Jena, Herb. *M. Schulze*, 1890, TOPOTYPE

*Melica geyeri* Munro var. *aristulata* J.T. Howell, *Leafl. West. Bot.* 4: 245. 1946

U.S.A.: California, Marin Co., *J.T. Howell 23185*, 18 May 1947, TOPOTYPE

*Melica teneriffae* Hackel, *Bot. Jahrb. Engler* 9: 153. 1888

CANARY ISLANDS: Nivaria, Icod de los Vinos, *E.R. Sventenius*, (*Fl. Sel. Can.* 199), 3 July 1949, TOPOTYPE

- Melica uniflora* Retz var. *pallida* Beckh., Publication unknown  
GERMANY: Frakfurt, *Beckhaus*, June 1882, ? TYPE COLLECTION MATERIAL
- Melilotus alba* Desr. f. *prolifera* Dore, Can. Field-Nat. 73: 151. 1959  
CANADA: British Columbia, Armstrong (cult.), *S.R. Noble*, 19 Sept. 1947, HOLOTYPE
- Melilotus barcinomensis* Sennen, Bol. Soc. Arag. 11: 189. 1912  
SPAIN: Barcelone, Tibidabo, *Sennen*, June 1912, TOPOTYPE
- Memecylon lanceolatum* Blanco, Fl. Filip. ed. I. 301. 1896  
FILIPINE ISLANDS: Rizal Province, Luzon, *Merrill*, June 1916 (Speciea Blancoanae No. 975),  
TOPOTYPE
- Menispermum mexicanum* Rose, Contr. U.S. Nat. Herb. 13: 302. 1911  
MEXICO: Sierra Madre near Monterey, *C.G. Pringle 10378*, 8 July 1907, ISOTYPE
- Menodora scabra* Gray, Am. Journ. Sci. Ser. I. 14: 45. 1852  
U.S.A.: New Mexico, Santa Fe, *A.A. & E.G. Heller 3826*, 8 July 1897, TOPOTYPE
- Mentha alpigena* A. Kerner, Sched. Fl. Exsicc. II. 121  
AUSTRIA: Tirolia centralis, prope Matreium, *A. Kerner*, (Fl. Ex. Aust.-Hung 643), TOPOTYPE
- Mentha aquatica* L. var. *duriuscula* Top. f. *gnaphalifrons* Top, Publication unknown  
ITALY: Lucania, Potenza, *O. Gavioli*, Sept. 1924, (Menthotheca universa, Petrak & Topitz 147),  
? TYPE COLLECTION MATERIAL
- Mentha aquatica* L. var. *erromena* Top., Publication unknown  
FRANCE: Puy-de Dome, ad Ravel, prope Lesoux, *M. Chassagne*, Sept. 1923, (Menthotheca  
universa, Petrak & Topitz 74), ? TYPE COLLECTION MATERIAL
- Mentha aquatica* L. var. *filarszkyana* Top., Publication unknown  
HUNGARY: Lagymanyos, *N. Filarszky*, Aug. 1925, (Menthotheca universa, Petrak & Topitz  
127), ? TYPE COLLECTION MATERIAL
- Mentha aquatica* L. var. *polyantheica* Top., Publication unknown  
HUNGARY: Győr, *S. Polgar*, Aug. 1923, (Menthotheca universa, Petrak & Topitz 69), ? TYPE  
COLLECTION MATERIAL
- Mentha arvensis* L. f. *angustifolia* Fraser, Publication unknown  
ENGLAND: Surrey, Puttenham, *J. Fraser*, 26 Feb. 1928, ? TYPE COLLECTION MATERIAL
- Mentha arvensis* L. var. *foliicoma* Op. f. *setigera* Top., Publication unknown  
AUSTRIA: Bavaria centralis, München, *K. Harz*, Sept. 1923, (Menthotheca universa, Petrak &  
Topitz 61), ? TYPE COLLECTION MATERIAL

*Mentha arvensis* L. var. *nobilis* Top. f. *pseudagrestis* Top, Publication unknown  
AUSTRIA: Bavaria, Pommelsbrunn, *J. Meister*, July 1912, (Menthotheca universa, Petrak & Topitz 115), ? TYPE COLLECTION MATERIAL

*Mentha arvensis* L. var. *pascuorum* Top., Publication unknown  
GERMANY: Siegen, *A. Ludwig*, Aug. 1926, (Menthotheca universa, Petrak & Topitz 108), ? TYPE COLLECTION MATERIAL

*Mentha arvensis* L. var. *villosa* (Benth.) Stewart f. *pedunculata* D. Löve & Bernard, Sv. Bot. Tidskr. 53: 424. 1959  
CANADA: Manitoba, Otterburne à l'est, *J.P. Bernard* 5433, 23 juillet 1956, HOLOTYPE FRAGMENT

*Mentha canadensis* L. var. *lanata* Pet., Publication unknown  
U.S.A.: Washington, Klickitat Co., Bingen, *W.N. Suksdorf*, Aug. 1920, (Menthotheca universa, Petrak & Topitz 97), ? TYPE COLLECTION MATERIAL

*Mentha canadensis* L. var. *montanensis* Pet., Publication unknown  
U.S.A.: Montana, Park Co., Cottonwood Creek, *W.N. Suksdorf*, Aug. 1921, (Menthotheca universa, Petrak & Topitz 99), ? TYPE COLLECTION MATERIAL

*Mentha canadaensis* L. var. *suksdorfiana* Pet., Publication unknown  
U.S.A.: Washington, Klickitat Co., Bingen, *W.N. Suksdorf*, (Menthotheca universa, Petrak & Topitz 96), ? TYPE COLLECTION MATERIAL

*Mentha candicans* Crantz, Stirp. Austriacae 4: 330. 1769  
AUSTRIA: in locis paludosis Vindebonensis, *Woloszczak*, (Fl. ex. Aust.-Hung 642), TOPOTYPE

×*Mentha cordifolia* (Opiz) Fraser var. *brevifolia* Fraser, Publication unknown  
ENGLAND: Surrey, Albrook (cult. at Kew). *J. Fraser*, 27 July 1934, ? TYPE COLLECTION MATERIAL

×*Mentha cordifolia* (Opiz) Fraser var. *dourensis* Fraser, Publication unknown  
SCOTLAND: The Dour, New Aberdour, N Aberdeen, (cult. at Kew), *J. Fraser*, 20 Aug. 1932, ? TYPE COLLECTION MATERIAL

*Mentha dentata* Mnch. f. *pascuorum* Pet., Publication unknown  
EUROPE: M. Weisskirchen, Jesernik, *F. Petrak*, Aug. 1924 (Menthotheca universa, Petrak & Topitz 101), ? TYPE COLLECTION MATERIAL

*Mentha dumetorum* Schult. var. *arvorum* Pet., Publication unknown  
ITALY: Lucania, Pignola, *O. Gavioli* (Menthotheca universa, Petrak & Topitz 138), ? TYPE COLLECTION MATERIAL

*Mentha dumetorum* Schult. var. *griseoviridis* Top., Publication unknown  
ITALY: Lucania, Potenza, *O. Gavioli*, Aug. 1925, (Menthotheca universa, Petrak & Topitz 137),  
? TYPE COLLECTION MATERIAL

*Mentha dumetorum* Schult. var. *kupcsokiana* Top. f. *gavioli* Pet.  
ITALY: Lucania, Pignola, *O. Gavioli*, Sept. 1923, (Menthotheca universa, Petrak & Topitz 100),  
? TYPE COLLECTION MATERIAL

*Mentha dumetorum* Schult. var. *lucanica* Pet., Publication unknown  
ITALY: Potenza, *O. Gavioli*, Aug. 1924 (Menthotheca universa, Petrak & Topitz 135), ? TYPE  
COLLECTION MATERIAL

*Mentha gentilis* L. var. *cardiaca* Bak. f. *gratiosa* Top., Publication unknown  
AUSTRIA: Bavaria centralis, Nürnberg, *J. Meister*, Aug. 1920 (Menthotheca universa, Petrak &  
Topitz 89), ? TYPE COLLECTION MATERIAL

*Mentha gentilis* L. var. *resinosa* Op. f. *pseudorubra* Top., Publication unknown  
GERMANY: Siegen, unterm Hain, *A. Ludwig*, Aug. 1926, (Menthotheca universa, Petrak &  
Topitz 107), ? TYPE COLLECTION MATERIAL

×*Mentha hircina* (Hull) Fraser var. *hirsuta* Fraser, Publication unknown  
SCOTLAND: The Dour, New Aberdour, N Aberdeen (cult. at Kew), *J. Fraser*, 10 Aug. 1923, ?  
TYPE COLLECTION MATERIAL

*Mentha kernerii* Top. var. *berolinensis* Pet., Publication unknown  
GERMANY: Dahlem, (cult. in Hort. Bot. Berolinensis), *R. Pilger*, Aug. 1921, (Menthotheca  
universa, Petrak & Topitz 94), ? TYPE COLLECTION MATERIAL

*Mentha kernerii* Top. var. *cinerascens* H. Br. f. *parvifolia* Pet., Publication unknown  
EUROPE: Moravia orientalis, Mähr-Weisskirchen, ad ripam rivuli pagi Ohrensdorf, *F. Petrak*,  
Aug. 1922, (Menthotheca universa, Petrak & Topitz 81), ? TYPE COLLECTION MATERIAL

*Mentha kernerii* Top. var. *cinerascens* H. Br. f. *thuringiaca* Top., Publication unknown  
GERMANY: Saxonia, Zittau, *O. Weder*, Aug. 1921, Sept. 1922, (Menthotheca universa, Petrak  
& Topitz 68, 79), ? TYPE COLLECTION MATERIAL

*Mentha longifolia* Huds. var. *ensidens* Bq. f. *isodonta* Pet., Publication unknown  
EUROPE: Moravia orientalis, Mähr.-Weisskirchen, *F. Petrak*, Aug. 1922, (Menthotheca  
universa, Petrak & Topitz 56), ? TYPE COLLECTION MATERIAL

*Mentha longifolia* Huds. var. *paramecophyllon* Top., Publication unknown  
HUNGARY: Com. Pest, ad pag. Pirto, *G. v. Moesz*, Aug. 1925, (Menthotheca universa, Petrak &  
Topitz 126), ? TYPE COLLECTION MATERIAL



*Mentha longifolia* Huds. var. *planitiensis* Top., Publication unknown  
ITALY: Lucentia, Potenza, ad rivum Verdaruolo, *O. Gavioli*, July 1924, (Menthotheca universa, Petrak & Topitz 128), ? TYPE COLLECTION MATERIAL

*Mentha paludosa* Nees var. *nemorisaga* H. Br., Publication unknown  
EUROPE: Weisskirchen, *F. Petrak*, Aug. 1909, ? TYPE COLLECTION MATERIAL

*Mentha palustris* Mnch. var. *ligeriana* Top., Publication unknown  
GERMANY: Hoke Eifel, ad Bertrich, *W. Frieberg*, Sept. 1922, (Menthotheca universa, Petrak & Topitz 112), ? TYPE COLLECTION MATERIAL

*Mentha palustris* Mnch. var. *palustris* Top., Publication unknown  
GERMANY: Hessen Nassau, ad Niedersheld prope Dillenburg, *A. Ludwig*, Aug. 1926, (Menthotheca universa, Petrak & Topitz 109), ? TYPE COLLECTION MATERIAL

*Mentha palustris* Mnch. var. *sigesiana* Top. f. *glabriuscula* Top., Publication unknown  
EUROPE: Moravia orientalis, Mähr-Weisskirchen, *F. Petrak*, Aug. 1922, (Menthotheca universa, Petrak & Topitz 54), ? TYPE COLLECTION MATERIAL

*Mentha palustris* Mnch. var. *somogyana* Top. f. *posoniensis* Top., Publication unknown  
EUROPE: Moravia orientalis, Mähr-Weisskirchen, *F. Petrak*, Aug. 1914, Sept. 1922, (Menthotheca universa, Petrak & Topitz 55, 84), ? TYPE COLLECTION MATERIAL

*Mentha perciliata* Braun & Fleischer, Publication unknown  
EUROPE: Bohemia, *M. Fleischer*, 1903, ? TYPE COLLECTION MATERIAL

*Mentha petrakii* H. Br., Allg. Bot. Zeitschr. 16: 116. 1910  
EUROPE: Moravia orientalis, Mähr.-Weisskirchen, *F. Petrak* (Menthotheca universa, Petrak & Topitz 77), Aug. 1923, ? TOPOTYPE

*Mentha piperita* L. var. *subcordata* Fraser, Publication unknown  
ENGLAND: W Gloucester, Alverston, *J. Fraser*, 6 Sept. 1922, ? TYPE COLLECTION MATERIAL

*Mentha pudgeium* L. var. *erectum* Wirtg. f. *communis* Top., Publication unknown  
FRANCE: Puy-de-Dome, Crevant, *M. Chassagne*, July 1924, (Menthotheca universa, Petrak & Topitz 124), ? TYPE COLLECTION MATERIAL

*Mentha rotundifolia* L. var. *craspedota* Bq. f. *lezouxensis* Pet., Publication unknown  
FRANCE: Puy-de-Dome, Lezoux, *M. Chassagne*, July 1924, (Menthotheca universa, Petrak & Topitz 121, 122), ? TYPE COLLECTION MATERIAL

*Mentha rotundifolia* L. var. *crenatophylla* Top., Publication unknown  
FRANCE: Puy-de-Dome, Crevant, *M. Chassagne*, Aug. 1924, 1925, (Menthotheca universa,

Petrak & Topitz 144, 145), ? TYPE COLLECTION MATERIAL

*Mentha rotundifolia* L. f. *italica* Pet., Publication unknown

ITALY: Ravello, in convalle Dragone, *Cicalese com Lacaita*, Aug. 1924, (Menthotheca universa, Petrak & Topitz 148), ? TYPE COLLECTION MATERIAL

*Mentha rotundifolia* Huds. f. *luxurians* Felix, Publication unknown

FRANCE: Cher-Thénioux, *A. Félix*, Sept. 1923, ? TYPE COLLECTION MATERIAL

*Mentha seriata* A. Kerner, Sched. Fl. Exsicc. 2: 121

HUNGARY: Dalmatia, in paludosis ad Spalatum, *Pichler*, (Fl. ex. Aust.-Hung. 644), ISOTYPE

*Mentha verticillata* L. var. *coenogena* Top. f. *parvula* Pet., Publication unknown

AUSTRIA: Bavaria, Leutstetten, *K. Harz*, Sept. 1924, (Menthotheca universa, Petrak & Topitz 116), ? TYPE COLLECTION MATERIAL

*Mentha verticillata* L. var. *elata* Host f. *rivularis* Top., Publication unknown

HUNGARY: Kom. Veszprem, prope Bakonvszentlaszlo, *S. Polgar*, Aug. 1922, (Menthotheca universa, Petrak & Topitz 73), ? TYPE COLLECTION MATERIAL

*Mentha verticillata* L. var. *serotina* Host f. *amblyphylla* Pet., Publication unknown

EUROPE: Moravia orientalis, Mähr-Weisskirchen, *F. Petrak*, Aug. 1922, (Menthotheca universa, Petrak & Topitz 82), ? TYPE COLLECTION MATERIAL

*Mentha verticillata* L. var. *serotina* Host f. *salicetorum* Pet., Publication unknown

EUROPE: Moravia orientalis, Leipnik, *F. Petrak*, Aug. 1922, (Menthotheca universa, Petrak & Topitz 60), ? TYPE COLLECTION MATERIAL

*Mentha viridis* L. var. *sinuosa* Top., Publication unknown

U.S.A.: Washington, Klickitat Co., Bingen, *W.N. Suksdorf*, Aug. 1920, (Menthotheca universa 65), ? TYPE COLLECTION MATERIAL

*Mentha viridis* L. var. *tauscheri* Top., Publication unknown

GERMANY: Dahlem (cult. Hort. Bot. Berolinensi), *R. Pilger*, Aug. 1921, ? TYPE COLLECTION MATERIAL

*Mentzelia pacardiae* Glad, Madrono 23: 289. 1976

U.S.A.: Oregon, Halheur Co., Leslie Gulch Road, *J.B. Glad* 75-6, 24 May 1975, TOPOTYPE

*Mercurialis reverchonii* Rouy, Bull. Soc. Bot. Fr. 34: 441. 1887

SPAIN: Baetica, Cadiz, Sierra de Palma, *Gros*, 8 May 1922, TOPOTYPE

*Mertensia fendleri* Gray, Am. Journ. Sc. Ser. II, 34: 339. 1862

U.S.A.: New Mexico, Santa Fe Canyon, 9 miles east of Santa Fe, *A.A. & E.G. Heller* 3640, 2

June 1987, TOPOTYPE

*Mertensia jensseensis* M. Pop., Not. Syst. Herb. Inst. Bot. Acad. Sci. RRSS 15: 256. 1953  
U.S.S.R.: Prov. Irkutsk, distr. Balagansk, *N. Maltzev*, 27 June 1907 (Herb. URSS 3566),  
ISOTYPE

*Mertensia longiflora* Greene f. *alba* Boivin, Nat. can. 93: 1061. 1966  
CANADA: British Columbia, Niskonlith Indian Reserve, Chase, *J. Grant* 9, 9 May 1960,  
HOLOTYPE

*Messerschmidia sibirica* L. ssp. *angustior* Kitagawa, Publication unknown  
CHINA: Manchuria, *T. Makino*, 20 May 1941, ? TYPE COLLECTION MATERIAL

*Metastelma atrovirens* Rusby, Descriptions of Three Hundred New Species of South American  
Plants, pp. 95-96. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 1680* (1898-1901), ISOTYPE

*Metastelma pallidum* Rusby, Descriptions of Three Hundred New Species of South American  
Plants, p. 96. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 1900* (1898-1901), ISOTYPE

*Metrosideros parviflora* C.T. White, Journ. Arn. Arb. 23: 80. 1942  
NEW GUINEA: Bernhard Camp, Idenburg River, *Brass & Versteegh 12570*, Feb. 1939,  
ISOTYPE

*Meum athamanticum* Jacq. f. *pratense* Lehmann, Publication unknown  
EUROPE: bei Weissbach, *A. Lehmann*, June 1907, ? TYPE COLLECTION MATERIAL

*Meum athamanticum* Jacq. f. *silvestre* Lehmann, Publication unknown  
EUROPE: bei Weissbach, *A. Lehmann*, June 1907, ? TYPE COLLECTION MATERIAL

*Micrandra lopezii* R.E. Schultes, Bot. Mus. Leafl. Harvard Univ. 15: 204-210. 1952  
BRAZIL: Rio Vaupes, at base of Serra tukano, *Schultes & Lopez 9725*, 8 Feb. 1948, ISOTYPE

*Microlepidia marginata* C. Chr. var. *prinnata* Makino, J. Jap. Bot. 3: 47. 1926  
JAPAN: Kanagawa Pref., Manazuru-cho, *T. Makino*, 12 Dec. 1926, ISOTYPE

*Microlepidia pseudo-strigosa* Makino, Bot. Mag. Tokyo 28: 337. 1914  
JAPAN: Kanagawa Pref., Mt. Jimmuji, *T. Makino*, 1920, TOPOTYPE

*Micromeria benthamii* Webb & Berth., Phyt. Canar. 3: 77. 1836  
CANARY ISLANDS: Gran Canaria, Crux de Tejada, *E. Asplund 1401*, 24 May 1933,  
TOPOTYPE

- Micromeria linkii* Webb & Berth., Phyt. Canar. 3: 79. 1845  
CANARY ISLANDS: Gran Canaria, Cuesta de Silva, *E. Asplund 1366*, 23 May 1933,  
TOPOTYPE
- Micropus discolor* Pers., Syn. Sp. Plant. 2: 423. 1807  
SPAIN: Castilla Nova, Aranjuez, versus Soto Mayor, *P. Font i Quer et Gros*, 14 May 1924,  
TOPOTYPE
- Microstylis elegantula* Schltr., Fedde Repert. Nov. Sp. 3: 17. 1906  
MEXICO: Morelos, Cuernavaca, *C.G. Pringle 8953*, 21 July 1904, TOPOTYPE
- Mikania clematiflora* Rusby ex Robinson, Contr. Gray Herb. 61: 13. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 634*, 1898-1901, ? ISOTYPE
- Mikania flabellata* Rusby ex Robinson, Contr. Gray Herb. 61: 14. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 2002*, 1898-1901, ? ISOTYPE
- Mikania miconioides* Robinson, Contr. Gray Herb. 61: 19. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 631*, 1898-1901, ? ISOTYPE
- Mikania ovalis* Griseb., Fl. Brit. W. Ind. 363. 1861  
DOMINICA: Morne Anglais (Mt. Conliabon), *W.H. & B.T. Hodge 2266* (Pl. Ex. Gray. 1098), 21  
Mar. 1940, TOPOTYPE
- Miliusa filipes* Merr. & Chun, Sunyatsenia 2: 223. 1935  
CHINA: Hainan, *C. Wang 34228*, 25 Sept. 1933, TOPOTYPE
- Mimophytum omphalodoides* Greenman, Proc. Amer. Acad. 4: 242-243. 1906  
MEXICO: Hidalgo, Honey Station, *C.G. Pringle 15612*, 17 June 1908, TOPOTYPE
- Mimosa martensis* Britton & Rose in Britton & Killip, Ann. New York Acad. Sci. 35: 152. 1936  
COLOMBIA: Santa Marta, *H.H. Smith 714*, 1898-1901, ? ISOTYPE
- Mimulus guttatus* DC. ssp. *haidensis* Calder & Taylor  
CANADA: British Columbia, Queen Charlotte Islands, Graham Island, Lepas Bay, *Calder et al.*  
*22624*, 17 July 1957, PARATYPE; Stapleton on west side of Shields Bay, Rennell Sound, *Calder*  
& *Taylor 23345*, 9 Aug. 1957, PARATYPE; Yakoun River bridge ca. 4.5 miles south of Port  
Clements, *Calder et al. 35035*, 14 June 1964, PARATYPE; Mamin River Delta at Juskatla, Masset  
Inlet, *R.L. Taylor 112*, 15 June 1957, PARATYPE; Moresby Island, Takakia Lake, south of Moresby  
Logging Camp, *Calder et al. 23063*, 29 July-2 Aug. 1957, PARATYPE; *Calder & Taylor 36284*,  
25-30 July 1964, PARATYPE; mountain above Mosquito Lake near head of Cumshewa Inlet,  
*Calder & Taylor 23697*, 24 Aug. 1957, PARATYPE; between Peel Inlet and Cumshewa Inlet,  
*Calder & Taylor 35184*, 19 June 1964, PARATYPE

*Mimulus guttatus* DC. ssp. *haidensis* Calder & Taylor, Can. J. Bot. 43: 1398-1399. 1965  
CANADA: British Columbia, Queen Charlotte Islands, Moresby Is., *Calder & Taylor 36391*, 31  
July 1964, HOLOTYPE

*Minuartia yukonensis* Hulten, Arkiv för Botanik ser. 2, 7: 52. 1967  
CANADA: Yukon Territory, near mouth of Klondike River near Dawson, *Calder & Billard*  
3359, 28 June 1949, ISOTYPE

*Mirabilis jalapa* L. f. *dichlamydomorpha* (Makino) Hiyama  
JAPAN: Prov. Musashi, Oizumi, Tokyo (cult.), *T. Makino*, 6 Sept. 1934, ? TYPE  
COLLECTION MATERIAL

*Mirabilis macfarlanei* Constance & Rollins, Proc. Biol. Soc. Wash. 49: 148-149. 1936  
U.S.A.: Oregon, Wallowa Co., Lower Cottonwood Canyon between mouth of Somer's Creek and  
Pittsburg Landing, *F.G. Meyer 243*, 15 May 1936, TOPOTYPE and PROBABLE ISOTYPE

*Mirabilis pringlei* Standley, Proc. Am. Acad. 45: 424. 1910  
MEXICO: Guerrero, Iguala Canyon, *C.G. Pringle 10384*, 23 July 1907, ISOTYPE

*Mitella koshiensis* Ohwi, Bull. Nat. Sci. Mus. Tokyo 26: 9. 1949  
JAPAN: Honshu, Miyazaki Shrine in Etchu, *Ohwi & Satomi s.n.*, 21 Apr. 1964, TOPOTYPE  
*Mitropsidium oblanceolatum* Burret, Notizbl. Bot. Gart. Berlin 15: 486-489. 1941  
COLOMBIA: Santa Marta, *H.H. Smith 403*, 1898-1901, ISOTYPE

*Moehringia muscosa* L. var. *catalaunica* Sen. & Pau., Publication unknown  
SPAIN: Catalogne, Montagnes de Bellmunt, de Cabrera, *F. Sennen 960*, July 1910, ? TYPE  
COLLECTION MATERIAL

*Moehringia tommasinii* Marchesetti, Bollet. d. soc. Adriat. di scienze nat. in Trieste 5(2):  
327-329. 1880  
AUSTRIA: Tergestino, *Marchesetti* (Fl. ex. Aust.-Hung. 55), TYPE COLLECTION  
MATERIAL

*Moltkia gypsacea* Rech. f. & Aellen, Anz. Osterr. Akad. Wiss. Math.-Nat. 87: 89-90. 1950  
IRAN: Semnan-Damghan, ad Sorkheh prope Semnan, *Rechinger & Aellen 2795*, 15 Apr. 1948,  
ISOTYPE

*Monachochlamys flagellaris* Baker, Journ. Linn. Soc. 20: 217. 1883  
MADAGASCAR: *M.R. Decary 6994*, TOPOTYPE

*Monarda fistulosa* L. ssp. *fistulosa* Boivin var. *longepetiolata* Boivin  
CANADA: Quebec, Pontiac County, Aldfield P., *Senn et al. 909*, 16 July 1941, PARATYPE;  
Gatineau County, Danford Lake, *C.F. Dore s.n.*, 12 Aug. 1943, PARATYPE; Carleton County,  
Ottawa, *W.H. Minshall s.n.*, 20 July 1935, PARATYPE; 2 miles southeast of Bells Corners, C. &

*E. Frankton* 2396, 20 July 1973, PARATYPE; Prince Edward County, Demorestville, *W.H. Minshall* 573, 13 July 1939, PARATYPE; Northumberland County, Heeley Falls on Trent River, *W.G. Dore* 8643, 13 July 1948, PARATYPE; Simcoe County, Collingwood, *Victorin et al.* 45085, 26 août 1933, PARATYPE; Waterloo County, south of Blair, *F.H. Montgomery* 321, 9 July 1939, PARATYPE

U.S.A.: Indiana, Warren County, railroad embankment between Sloan and Road 28, *R.C. Friesner* 22848, 9 July 1949, PARATYPE; Indiana, Kosciusko County, North Webster, *R.C. Friesner* 22246, 10 July 1948, PARATYPE; Kansas, Lawrence, *W.H. Horr* E17, 25 June 1934, PARATYPE; New York, Dutchess County, Green Haven, *L.A. Charette* 639, 22 Aug. 1946, PARATYPE

*Monarda fistulosa* L. var. *longepetiolata* Boivin, Nat. can. 93: 1061, 1967

CANADA: Ontario, Carleton Co., Gloucester Twp. along Rideau River, *J.A. Calder* 465, 8 Sept. 1946, HOLOTYPE

*Monarda fistulosa* L. var. *maheuxii* Boivin, Nat. can. 93: 1061. 1967

CANADA: Ontario, Rainy River, Ft. Francis, *W.G. Dore* 9178, 23 Aug. 1948, HOLOTYPE

*Monarda fistulosa* L. var. *menthifolia* (Graham) Boivin f. *russellii* Boivin

CANADA: Saskatchewan, Edenwold, *L.T. Carmichael* 83, 8 Aug. 1942, PARATYPE; Swift Current District, Cabri, *Boivin & Alex* 9957, 28 juillet 1952, PARATYPE; Qu'Appelle Valley, *B. de Vries* 823, 14 July 1960, PARATYPE; Alberta, Lacombe S., *R.H. Dixon* 1354, 31 July 1927, PARATYPE; Waterton Lakes Park, Mt. Crandell, *H.A. Senn* 2580, 1 Aug. 1946, PARATYPE

*Monarda fistulosa* L. var. *menthifolia* (Graham) Boivin f. *russellii* Boivin, Nat. can. 93: 1061. 1967

CANADA: Saskatchewan, Waldheim, Petrofka Ferry, *R.C. Russell* S5122, Summer 1951, HOLOTYPE

*Monarda pectinata* Nutt., Journ. Acad. Philad. N.S. 1: 82-83. 1847

U.S.A.: New Mexico, Taos Co., between Barranca and Embudo, *A.A. & E.G. Heller* 3596, 27 May 1897, TOPOTYPE

*Monarda pringlei* Fern., Proc. Amer. Acad. 36: 501. 1901

MEXICO: Nuevo Leon, Sierra Madre, above Monterey, *C.G. Pringle* 15614, 25 May 1908, TOPOTYPE

*Monarda punctata* L. var. *leucantha* Nash, Bull. Torrey Bot. Club. 23: 104-105. 1896

U.S.A.: Florida, Manatee Co., Palmetto, *G.V. Nash* 2456, 21- 23 Aug. 1895, TYPE  
COLLECTION MATERIAL

*Monardella benitensis* Hardham, Leafl. West. Bot. 10: 239-241. 1966

U.S.A.: California, San Benito Co., Clear Creek, *E.C. Twisselmann* 12851, 4 Oct. 1966, TOPOTYPE

*Monardella lanata* Abrams, Muhlenbergia 8: 39. 1912

U.S.A.: California, San Diego Co., near Alpine, *L.R. Abrams 4196*, 10 July 1912, TOPOTYPE

*Monnina sanmartensis* Ferreyra, Smithsonian Misc. Collect. 121: 33. 1953

COLOMBIA: Santa Marta, *H.H. Smith 1480*, 1898-1901, ? ISOTYPE

*Monochaetum laxifolium* Gleason, Amer. J. Bot. 16: 519. 1929

COLOMBIA: Santa Marta, *H.H. Smith 774*, 1898-1901, ? ISOTYPE

*Monochaetum tetrandrum* Gleason, Amer. J. Bot. 16: 519. 1929

COLOMBIA: *H.H. Smith 761*, 1898-1901, ? ISOTYPE

*Monoplia stricta* Crum, Madrono 5: 259. 1940

U.S.A.: California, Fresno Co., Oil City, *L.S. Rose 35070*, 26 March 1935, PARATYPE

*Montanola revealii* H. Robinson, Phytologia 33: 285. 1976

MEXICO: Guerrero, Sierra Madre del Sur, *Reveal et al. 4233*, 16 Oct. 1975, ISOTYPE

*Montanoa serrata* Rusby, Descriptions of Three Hundred New Species of South American Plants, p. 151. 1920

COLOMBIA: Santa Marta, *H.H. Smith 516*, 1898-1901, ? ISOTYPE

*Montia alpina* Eastw., Leafl. West. Bot. 1: 11. 1932

U.S.A.: Nevada, Tuolumne Co., Mount Dana, *J. Clausen 778*, 20 Aug. 1933, TOPOTYPE

*Montia sweetseri* Henderson, Rhod. 32: 24. 1930

U.S.A.: Oregon, Curry Co., Humbug Mountain along Brush Cr., *Sweetser & Henderson 10193*, 30 May 1929, ISOTYPE

*Moquilea cuspidata* Rusby, Descriptions of Three Hundred New Species of South American Plants, p. 27. 1920

COLOMBIA: Santa Marta, *H.H. Smith 1773* (1898-1901), ? ISOTYPE

*Morisonia elliptica* Rusby, Descriptions of Three Hundred New Species of South American Plants 24. 1920

COLOMBIA: Santa Marta, *H.H. Smith 2098*, 1898-1901, ? ISOTYPE

*Muhlenbergia nebulosa* Scribn. ex Beal, Grasses N. Amer. 2: 247. 1896

MEXICO: Rio Blanco near Guadalajara, *C.G. Pringle 11753*, 10 Oct. 1903, TOPOTYPE

*Muhlenbergia neo-mexicana* Vasey, Bot. Gaz. 11: 337. 1886

U.S.A.: New Mexico, Las Vegas, *Vasey*, Aug. 1886, TYPE COLLECTION MATERIAL

*Mundulea pungens* R. Viguier in Humbert Not. Syst. 14: 66. 1950

MADAGASCAR: Fort Dauphin, *M.R. Decary 10660*, 9 Jan. 1933, PUBLICATION NOT

AVAILABLE

*Muscari botryoides* Mill. var. *latifolius* Rigo, Publication unknown  
EUROPE: Verona, *J. Rigo*, April 1911, ? TYPE COLLECTION MATERIAL

*Muscari kernerii* Marchesetti, Bull. Soc. Adr. di sc. nat. 7: 266. 1882  
AUSTRIA: In ditione Tergestina inter Rojano et montem Terstenicum, *Marchesetti*,  
TOPOTYPE

*Muscari longifolius* Rigo, Nuov. Giorn. Bot. Ital. 12: 152. 1905  
ITALY: Verona, inter Torri et Pai, *G. Rigo*, Apr. 1911, TOPOTYPE

*Museniopsis biennis* C. & R., Proc. Wash. Acad. 1: 130. 1899  
MEXICO: Morelos, Cuernavaca, *C.G. Pringle 13983*, 20 Dec. 1907, TOPOTYPE

*Myoporum sandwicense* A. Gray, Proc. Am. Acad. 6: 52-53. 1862  
HAWAIIAN ISLANDS: Lanai, Lower Naio Gulch, *Degener et al. 24206*, 20 Aug. 1957,  
TOPOTYPE

*Myoporum sandwicense* var. *degeneri* Webster, Publication unknown  
HAWAIIAN ISLANDS: Maui, north mauka of Ulupalakua, *O. Degener 12183*, 4 July 1927, ?  
TYPE COLLECTION MATERIAL

*Myosotis lazica* M. Pop., Spisok Rast. Herb. Fl. U.R.S.S. 12: 48. 1953  
U.S.S.R.: Trancaucasiae silvis Adsharicis ad fines Turcicas prope Batumi, *M. Popov et al.*  
(Sched. 3579), 24 Apr. 1950, ISOTYPE

*Myosotis pyrenaica* Pourr., Mem. Acad. Toul. 3: 322. 1788  
FRANCE: Pyrénées, *Herb. Lenormand*, TOPOTYPE

*Myosotis serotina* Hulpers, Svensk. Bot. Tidskr. 21: 69-72. 1927  
SWEDEN: Västergötland, *A. Hulpers*, 16 Aug. 1923, ? PARATYPE

*Myosotis stenantha* Gdgr., Publication unknown  
FRANCE: Rhone, Arnes, *M. Gandoger*, 1900, ? TYPE COLLECTION MATERIAL

*Myosotis sylvatica* Hoffm. var. *alpestris* (F.W. Schmidt.) Koch f. *eyerdamii* Boivin, Nat. can. 93:  
1061. 1967  
U.S.A.: Alaska, Raspberry Island, Port Vita, *W.J. Eyerdam 3150*, 20 July 1939, HOLOTYPE

*Myosotis sylvatica* Hoffm. var. *alpestris* (F.W. Smidt.) Koch f. *eyerdamii* Boivin  
CANADA: Alberta, Waterton Lakes National Park, Onion Ridge, *A.J. Breitung 17284*, 7 Aug.  
1953, PARATYPE



*Myosurus minimus* L. var. *interior* Boivin

CANADA: Manitoba, Morden, *K.W. Neatby s.n.*, 1927, TOPOTYPE; Saskatchewan, Sutherland, *R.C. Russell 1276*, 10 June 1944, PARATYPE; Alberta, Mountain View, N.E. Waterton Lakes Park, *E.H. Moss 943*, 25 June 1940, PARATYPE; Purple Springs, *J.A. Moir s.n.*, 12 June 1935, PARATYPE; Magrath, *J. Fletcher 50*, 21 June 1902, PARATYPE; fifteen miles north of Wild Horse, *Dore & Breitung 12011*, 24 July 1950, PARATYPE; Lethbridge District, Milk River Ridge, 4 miles south of Lethbridge, *Dore & Breitung 11707*, 17 July 1950, PARATYPE  
U.S.A.: South Dakota, Mallette, *J.F. Brenckle 47-504*, 8 June 1947, PARATYPE

*Myosurus minimus* L. var. *interior* Boivin, Bull. Soc. Roy. Bot. Belg. 85: 331. 1953

CANADA: Manitoba, Morden, *H.H. Marshall 43*, 7 June 1943, HOLOTYPE

*Myrcianthes gigantea* Legrand

ARGENTINA: Brasil, Riv. Grande do Sul, San Francisco de Paula, *Rambo 30,802*, 10 Jan. 1946, PARATYPE

*Myrcianthes gigantea* Legrand, Darwiniana 9(2): 300-301. 1950

ARGENTINA: Corpus, *Schwarz 1394*, 10 Oct. 1945, PARATYPE

*Myrcianthes sessilis* McVaugh, Fieldiana, Bot. 29: 495. 1963

COLOMBIA: Santa Marta, *H.H. Smith 776*, 1898-1901, ? ISOTYPE

*Myriocarpa magnifica* Rusby, Descriptions of Three Hundred New Species of South American Plants 11. 1920

COLOMBIA: Santa Marta, *H.H. Smith 1422*, 1898-1901, ? ISOTYPE

*Myrsine canariensis* Spreng., Syst. 1: 663. 1825

CANARY ISLANDS: Nivaria, Icod el Alto, *E.R. Sventenius 61*, 24 Apr. 1944, TOPOTYPE

*Myrsine floridana* A.DC., Trans. Linn. Soc. 17: 107. 1834

U.S.A.: Florida, Manatee Co., Palmetto, *G.V. Nash 2440*, 21- 23 Aug. 1895, TOPOTYPE

*Myrsine lanaiensis* Hilleb., Fl. Haw. Is. 281. 1888

HAWAIIAN ISLANDS: near Na Puukulua, *Degener et al. 20020*, 19 Aug. 1944, TOPOTYPE

*Myrsine lessertiana* A.DC., Ann. Sc. Nat. Ser. II. 16: 85. 1841

HAWAIIAN ISLANDS: Kohala, Alakahi Valley, *Degener et al. 20164*, 27 Aug. 1949, TOPOTYPE

*Myrsine sandwicensis* A. DC., Ann. Sc. Nat. Ser. II. 16: 85. 1841

HAWAIIAN ISLANDS: Oahu, Kosla Range, Mapoha Valley, *C.N. Forbes*, 12-19 Feb. 1909, TOPOTYPE

*Nama dichotoma* Ruiz & Pav. var. *angustifolia* A. Gray, Proc. Am. Acad. 8: 284. 1870

U.S.A.: New Mexico, Santa Fe, *A.A. & E.G. Heller 3846*, 13 July 1897, TOPOTYPE

*Navarretia fossalis* Moran, Madrono 24: 155-156. 1977  
 MEXICO: Baja California, 2 km NW of Ejido Ruben Jaramillo, *R. Moran 23503*, 5 June 1976, PARATYPE

*Navarretia plieantha* H.L. Mason, Madrono 8: 199-200. 1946  
 U.S.A.: California, Lake Co., Bogg's Lake at north end on the slope of a depression Northwest base of Mt. Hanna, *M.S. Baker 11527*, 5 July 1946, TOPOTYPE

*Nectandra amplifolia* Rusby, Descriptions of Three Hundred New Species of South American Plants p. 20. 1920  
 COLUMBIA: Santa Marta, *H.H. Smith 1763* (1898-1901), ? ISOTYPE

*Nectandra smithii* Allen, J. Arn. Arb. 26: 370. 1945  
 PANAMA: Campana to Chica, Cerro Campana, *P.H. Allen 2652*, 10 Aug. 1941, PARATYPE

*Nelsonia campestris* R.Br., Prodr. 472. 1810  
 AUSTRALIA: Carpentaria, *R. Brown*, 1802-5, ? ISOTYPE

*Nemastylis latifolia* Weatherby, Proc. Amer. Acad. 45: 423. 1910  
 MEXICO: Iguala, *C.G. Pringle 10391*, 29 July 1907, ISOTYPE

*Nemopanthus mucronata* (L.) Trel. var. *chrysocarpa* Farwell, Rhod. 42: 307. 1940  
 U.S.A.: Michigan, Houghton Co., Rice Lake, *O.A. Farwell 12140*, 3 Sept. 1940, ISOTYPE

*Neoparrya lithophila* Mathias, Ann. Miss. Bot. Gard. 16: 393. 1929  
 U.S.A.: Colorado, Huerfano Co., NE of Dike Mt., *W.A. Weber 10571*, 29 June 1957, TOPOTYPE

*Neowuwraea phyllanthoides* Rock, Indig. Trees Hawaiian Islands 243. 1913  
 HAWAIIAN ISLANDS: Oahu, southeast slope of Puu Hapaka, *O. Degener 12341*, 21 May 1939, TOPOTYPE

*Nepenthes macrovulgaris* Turnbull & Middleton, J. Linn. Soc. 96(4): 352-353. 1988  
 MAYLASIA: Sabah, Mt. Silam, *Turnvull & Middleton 81166f*, 1 June 1981, ISOTYPE

*Nepenthes madagascarensis* Poir., Lamark, Encycl. 4: 459  
 MADAGASCAR: Soanierana, *M.R. Decary*, 16 Oct. 1932, TOPOTYPE

*Nepeta teydea* Webb & Berth., Phyt. Canar. 3: 85. t 65  
 CANARY ISLANDS: Nivaria, Las Canadas, *E.R. Sventenius 70*, 24 Apr. 1944, TOPOTYPE

*Nepeta teydea* Webb & Berth. var. *albiflorus* Svent., Publication unknown

CANARY ISLANDS: Nivaria, Las Canadas, *E.R. Sventenius 71*, 17 Apr. 1944 & 23 June 1946,  
? TYPE COLLECTION MATERIAL

*Neraudia angulata* Cowan var. *dentata* Degener & Cowan, Publication unknown  
HAWAIIAN ISLANDS: Oahu, ¼ mi. N of Puu Kaua, *R.S. Cowan 836*, 29 Feb. 1948,  
TOPOTYPE

*Neraudia melastomaefolia* Gaud. var. *uncinata* Cowan, Publication unknown  
HAWAIIAN ISLANDS: Oahu, Koolau Range, *R.S. Cowan 646*, 29 June 1947, TOPOTYPE

*Nicodemia madagascariensis* R.N. Parker in *Forest Fl. Punjab* ed. 2, 357. 1924  
MADAGASCAR: Zampolletra d'Ankozobe *M.R. Decary 14364*, 17 July 1939, TOPOTYPE

*Nigromnia globosa* Carolin, *Nuytsia* 1: 292-293. 1974  
AUSTRALIA: West Australia, 25 miles north of Mingenew on a road which departs from the  
Mingenew-Mullewa highway, *S. Carlquist 3945*, 29 Oct. 1967, PARATYPE

*Nissolia montana* Rose, *Contr. U.S. Nat. Herb.* 8: 48. 1903  
MEXICO: near Iguala, *C.G. Pringle 10393*, 29 July 1907, TOPOTYPE

*Nitrophila mohavensis* Munz & Roos, *El Aliso* 3: 112. 1955  
U.S.A.: California, Inyo Co., 3 mi. NE of Death Valley, *J.C. Roos 6194*, 18 July 1954,  
PARATYPE

*Nolina brittoniana* Nash, *Bull. Torrey Bot. Club* 22: 158-159. 1895  
U.S.A.: Florida, Lake Co., *G.V. Nash 459*, 16-30 Apr. 1894, TYPE COLLECTION MATERIAL

*Notelaea excelsa* Webb & Berth., *Phyt. Canar.* 3: 163. 1845  
CANARY ISLANDS: Nivaria, Taganana, *E.R. Sventenius 77*, 2 Feb. 1947, TOPOTYPE

*Nothofagus crenata* Steenis, *Blumea* 7: 147. 1952  
NEW GUINEA: Bele River, 18 km NE of Lake Habbema, *L.J. Brass 11335*, Nov. 1938,  
ISOTYPE

*Notholaena schaffneri* Underw. var. *mexicana* Davenport, *Bot. Gaz.* 16: 53-54. 1891; *Gard. &  
Fr.* 4: 519. 1891  
MEXICO: near Guadalajara, *C.G. Pringle 11789*, 16 Oct. 1903, TOPOTYPE

*Nuphar intermedium* Ledeb. f. *chlorocephalum* Roemer, *Bot. Zeit.* 13: 168. 1907  
GERMANY: Pommerania, Belgard, *F. Roemer* (*Dorfler Herb. Norm.* 5410) June & July 1912,  
TOPOTYPE

*Nuphar intermedium* Ledebour f. *luteocephalum* Roemer, *Dörfler, Herbarium Normale* 5409  
GERMANY: Pommerania, Belgard, *F. Roemer*, June & July 1912, ISOTYPE

- Ochroma obtusa* Rowlee, J. Wash. Acad. Sci. 9: 166. 1919  
COLOMBIA: Santa Marta, *H.H. Smith* 829, 1898-1901, ? ISOTYPE
- Ochrosia sandwicensis* A. Gray, Proc. Am. Acad. 5: 333. 1861-2  
HAWAIIAN ISLANDS: Oahu, *O. Degener et al.* 20833, 2 July 1950, TOPOTYPE
- Ocotea flavescens* Rusby, Descriptions of Three Hundred New Species of South American Plants pp. 20-21. 1920  
COLUMBIA: Santa Marta, *H.H. Smith* 1762 (1898-1901), ? ISOTYPE
- Odonia viridiflora* Rose, Contr. U.S. Nat. Herb. 10: 103. 1906  
MEXICO: Guerrero, Iguala Canyon, *C.G. Pringle* 10324, 8 Oct. 1906, PARATYPE & TOPOTYPE
- Odontites catalaunica* Sen., Bot. Soc. Arag. 11: 211. 1912  
SPAIN: Catalogne, Pyrénées, Ripoll au Catllar, *F. Sennen* 1009, Sept. 1910, TOPOTYPE
- Odontites corsica* G. Don, Gen. Syst. 4: 611. 1837  
CORSICA: Montagne de Cagna, *J. Stefani*, 4 août 1903, TOPOTYPE
- Odontites powellii* Maire f. *rubricaulis* Sauv., Publication unknown  
MOROCCO: Moyen Atlas central, *Ch. Sauvage* 13914, 5 Oct. 1956, ? TYPE COLLECTION MATERIAL
- Odontonema bracteolatum* (Jacq.) Kuntze var. *parviflorum* Leonard, Contr. U.S. Natl. Herb. 31: 399. 1958  
COLOMBIA: Santa Marta, *H.H. Smith* 1389, 1898-1901, ? ISOTYPE
- Odontosoria guatemalensis* Christ, Bull. Soc. Bot. Genève, ser. 2 1: 229. 1909  
GUATEMALA: Finca Naranjo, Chicacao, *J.F. Brenckle* 47-93, 14 Mar. 1947, TOPOTYPE
- Oenothera boothii* Dougl. ssp. *inyoensis* Munz, North Am. Fl. Ser. 2, Pt. 5: 153. 1965  
U.S.A.: California, Inyo Co., Saline Valley, *P.A. Munz* 18033, 8 Apr. 1967, TOPOTYPE
- Oenothera brevipes* Gray ssp. *arizonica* Raven, Un. Calif. Pub. Bot. 34: 84. 1962  
U.S.A.: Arizona, Yuma Co., 2 miles north of Yuma, *P.H. Raven* 14835, 14 March 1960, PARATYPE
- Oenothera caespitosa* Nutt. ssp. *navajoensis* Wagner, Stockhouse & Klein  
U.S.A.: Utah, Carbon County, Price, *Mosquin & Mulligan* 5024, 10 June 1963, PARATYPE
- Oenothera caespitosa* Nutt. ssp. *navajoensis* Wagner, Stockhouse & Klein, Monog. Syst. Bot. Missouri Bot. Gard. 12: 66. 1985  
U.S.A.: Utah, Kane Co., along the Paria "River", 8 road miles northwest of Hwy. 89A, A.

*Cronquist 10202*, 28 May 1965, ISOTYPE

*Oenothera chicaginensis* de Vries ex Renner var. *minutiflora* Rostanski & Jehlik  
CZECHOSLOVAKIA: Trutnov, cult. horto Pruhonice, *Jehlik & Rostanski*, 7 Aug. 1970,  
TOPOTYPE

*Oenothera clavaeformis* Torrey & Frémont ssp. *citrina* Raven, U. Calif. Pub. Bot. 34: 108-109.  
1962  
U.S.A.: Nevada, Washoe Co., 14.3 miles east of Sparks, *P.H. Raven 14273*, 28 May 1959,  
PARATYPE

*Oenothera clavaeformis* Torrey & Frémont ssp. *funerea* Raven, U. Calif. Pub. Bot. 34: 106. 1962  
U.S.A.: California, Inyo Co., 2.7 miles south-east of junction to Scotty's Castle, *P.H. Raven*  
*11987*, 29 Mar. 1958, PARATYPE

*Oenothera clavaeformis* Torrey & Frémont ssp. *integrifolia* Raven, U. Calif. Pub. Bot. 34:  
106-107. 1962  
U.S.A.: Nevada, Lander Co., road to Potts, *Raven & Solbrig 13533*, PARATYPE

*Oenothera clavaeformis* Torrey & Frémont ssp. *rubescens* Raven, U. Calif. Pub. Bot. 34: 103.  
1962  
U.S.A.: Arizona, Maricopa Co., 4 miles east of Sentinel, *P.H. Raven 14825*, 13 Mar. 1960,  
PARATYPE

*Oenothera clavaeformis* Torrey & Frémont ssp. *yumae* Raven, U. Calif. Pub. Bot. 34: 104. 1962  
U.S.A.: California, Imperial Co., 7.6 miles east of Holtville, *P.H. Raven 11492*, 25 Jan. 1958,  
PARATYPE

*Oenothera confusa* P.H. Raven  
U.S.A.: California, San Bernardino County, San Bernardino Valley, north of Upland, *A.J. Breitung*  
*15060*, 14 May 1953, PARATYPE

*Oenothera deltoidea* Torrey & Frémont, *Aliso* 2: 81. 1949  
U.S.A.: California, grown from seeds from sand dunes east of Antiock, Contra Costa Co., *P.A.*  
*Munz 12201*, Botanic Garden, *P.A. Munz 14436*, June 1949, TOPOTYPE

*Oenothera dentata* Cav. var. *johnstonii* Munz, Bot. Gaz. 85. 259. 1928  
U.S.A.: California, Kern County, western Mojave Desert, *Munz & Gregory 23313*, 19 April  
1958, TOPOTYPE

*Oenothera kernensis* Munz, Am. J. Bot. 18: 737. 1931  
U.S.A.: California, Kern Co., Walker Pass, *L.S. Rose 62042*, 21 May 1962, TOPOTYPE

*Oenothera munzii* Raven, U. Calif. Pub. Bot. 34: 91. 1962

U.S.A.: California, Inyo Co., 3.2 miles south of Mesquite Spring, *P.H. Raven 12001*, 29 Mar. 1958, PARATYPE

*Oenothera nissensis* Rostanski, *Fragm. Florist. & Geobot.*, Krakow 11: 508. 1965  
POLAND: Silesia Inferior, Nysa, *K. Rostanski*, 12 July 1968 (Fl. Sil. ex. 911), TOPOTYPE

*Oenothera pseudochicaginensis* Rostanski, *Fragmen. Florist. & Geobot.*, Krakow 11: 504-506. 1965  
POLAND: Silesia Inferior, Wratislaviae, *K. Rostanski*, 15 July 1968, (Fl. Sil. ex. 912), TOPOTYPE

*Oenothera rubicapitata* R.R. Gates, *Phil. Trans. Royal Soc. London, Ser. B*, 226: 363. 1936  
U.S.A.: North Dakota, Richland Co., Kindred, *O.A. Stevens 1087*, 20 Aug. 1949, TOPOTYPE

*Oenothera* ×*slovaca* Jehlik & Rostanski, *Folia Geobot. Phytotax.* 14(4): 413-416, 1979  
CZECHOSLOVAKIA: Nové Zámky, cult. horto Pruhonice, *V. Jehlik*, 14 Aug. 1970, TOPOTYPE

*Oenothera turoviensis* Rostanski, *Fragm. Florist. & Geobot.*, Krakow 11: 514-517. 1965  
POLAND: Silesia Inferior, Turoszow, *J. Aniol*, 13 Aug. 1969 (Fl. Sil. ex. 909), TOPOTYPE

*Oenothera wigginsii* Klein, *Aliso* 5: 180. 1962  
MEXICO: Baja California, 5 miles N of San Quintin, *J.H. Thomas 142*, 23 Mar. 1949, PARATYPE

*Olea europaea* L. var. *cerasiformis* Webb, Publication unknown  
CANARY ISLANDS: Nivaria, Los Silos, *E.R. Sventenius 78*, 20 Oct. 1947, ? TOPOTYPE

*Olea sandwicensis* A. Gray, *Proc. Amer. Acad.* 5: 331. 1862  
HAWAIIAN ISLANDS: Oahu, *P. Holman*, 30 Apr. 1939, TOPOTYPE

*Oligosporus pycnocephalus* Less., *Linnaea* 6: 524. 1831  
U.S.A.: California, San Francisco, Golden Gate Heights, *L.S. Rose 49149*, 5 Aug. 1949, TOPOTYPE

*Onobrychis arenaria* Kitaibel in Willd., *Enum. plant. h.b. Berolin. Suppl.* p. 51; *Seringe* in DC. *Prodr.* 2: 345. 1825  
HUNGARY: ad Pestinum, *Borbás* (Fl. Ex. Austro-Hung. 401), TOPOTYPE

*Onoclea struthiopteris* (L.) Hoffm. f. *raymondii* Boivin, *Bull. Soc. Bot. France* 108: 414. 1961  
SWEDEN: Abisko Ostra, côté nord du Torneträsk, *Boivin et al. 7173*, 29 juillet 1950, HOLOTYPE

*Ononis antiquorum* L. var. *transiens* Rouy sous-var. *albiflora* Gavelle, Publication unknown

FRANCE: Laure, *E. Gavelle*, 12 juillet 1961, ? TYPE COLLECTION MATERIAL

*Ononis cephalotes* Boiss. var. *minutifolia* Pau & F.Q., Publication unknown

EUROPE: Mauritania, Hauta-el Kasdir, *P. Font i Quer*, 9 July 1932, ? TYPE COLLECTION MATERIAL

*Ononis saxicola* Boiss. et Reut., *Pugillus Pl. Nov. Africae borealis Hispanieque australis* 32. 1852

SPAIN: Baetica, San Cristobal, supra Grazalema, *Gros*, 14 June 1922, TOPOTYPE

*Ononis spinosa* L. ssp. *leiosperma* Sirj. var. *genuina* Sirj., Publication unknown

IRAN: Kazvin, Keredj, *K.H. & F. Rechinger 6719*, 20 Aug. 1948, ? TYPE COLLECTION MATERIAL

*Ononis subspicata* Lagasca, *Genista y Antillideas de Espana y Portugal* 73. 1872

SPAIN: Baetica, Arcos de la Frontera, *P. Font i Quer*, 19 June 1925, TOPOTYPE

*Onosma euboicum* Rech. f., *Bot. Jahrb.* 80: 378. 1961

GREECE: Ins. Euboea, Montes Kandili, *K.H. Rechinger 17028*, 30 May 1955, ISOTYPE

*Onosma lucanum* Lacaita, *Nuov. Giorn. Bot. Ital. n.s.* 31: 33-34. 1924

ITALY: Lucania, Prov. di Potenza, *C. Lacaita*, 12 June 1924, TOPOTYPE

*Onosma transrhymense* Klokov, apud Popov in *Not. Syst. Herb. Inst. Bot. Acad. Sci. URSS* 14: 301. 1953

U.S.S.R.: Prov. Krasnojarsk, in steppa opp. Minussinsk, *N. Martjanov*, June 1900, ISOTYPE

*Ophioderma falcatum* Degener, *Flora Hawaiiensis*, 1932

HAWAIIAN ISLANDS: Oahu, *Degener et al. 12, 386*, 30 April 1939, TOPOTYPE

*Opuntia multigeniculata* Clokey

U.S.A.: Nevada, Clark Co., east of Wilson's Ranch, road from Blue Diamond mine to mill, *I.W. Clokey 8430*, 13 July 1939, ISOTYPE

*Orchis rotundifolia* Banks f. *beckettii* Boivin, *Nat. can.* 87: 42. 1960

CANADA: Manitoba, 3 mi. S of Churchill, *E. Beckett 111*, 12 July 1954, HOLOTYPE

*Orcuttia californica* Vasey var. *viscida* Hoover, *Bull. Torrey Bot. Club* 68: 155. 1941

U.S.A.: California, Sacramento Co., S of Folsom, *B. Crampton 5005*, 7 July 1958, TOPOTYPE

*Orcuttia greenei* Vasey, *Bot. Gaz.* 16: 146. 1891

U.S.A.: California, Butte Co., 10 mi. SE of central Chico, *B. Crampton 5069*, 12 Aug. 1958, TOPOTYPE

*Orcuttia inequalis* Hoover, Madrono 3: 229. 1936

U.S.A.: California, Stanislaus Co., Montpellier, *R.F. Hoover*, 22 July 1935 (Amer. Gr. Nat. Herb. 1538), TOPOTYPE

*Oreocarya flava* A. Nels., Bull. Torrey Bot. Club 25: 202. 1898

U.S.A.: Wyoming, Sweetwater Co., Red Desert near Point of Rocks, *A. & R. Nelson* 785, 15 June 1933, TOPOTYPE

*Oreocarya paradoxa* A. Nels., Bot. Gaz. 56: 69. 1913

U.S.A.: Colorado, Montrose Co., Paradox Valley, *W.A. Weber*, 31 May 1960, TOPOTYPE

*Ornithogalum degenianum* Polgar, Magy. Bot. Lapok 27: 20. 1928

HUNGARY: Papakovacsi, *Polgar & Javorka* (Fl. Hung. ex. 992), 4 May 1930, TOPOTYPE

*Ornithopus ebracteatus* Brot., Fl. Lusit. 2: 159. 1804

PORTUGAL: Coimbra, *W. Rothmaler*, 5 May 1936, TOPOTYPE

*Orobanche brassicae* Novopokr., Bull. Don. Inst. Agric. Novotcherkask 8: 54. 1928

U.S.S.R.: Prov. Rostov, prope stationem Persianovka, *I. Novopokrovsky*, (Fl. ex USSR 3489), 10 Aug. 1928, ISOTYPE

*Orobanche corymbosa* (Rydb.) Ferris ssp. *mutabilis* Heckard

CANADA: British Columbia, about three miles west of Lumby, *Calder & Savile* 10948, 24 July 1953, PARATYPE; Munson Mountain about one mile northeast of Penticton, *Calder & Savile* 10226, 8 July 1953, PARATYPE; along trail to Ashnola Range, 49 07'N 120 08'W, *Calder et al.* 19812, 5 Aug. 1956, PARATYPE

*Orobanche corymbosa* (Rydb.) Ferris ssp. *mutabilis* Heckard, Can. J. Bot. 56: 187. 1978

CANADA: British Columbia, about half a mile along Nickel Plate road from junction SE of Hedley, *Calder & Savile* 10726, 19 July 1953, PARATYPE

*Orobanche ludoviciana* Nutt. f. *albinea* Boivin, Phyt. 22: 347. 1972

CANADA: Saskatchewan, Maple Creek District, Val Marie, *Boivin & Alex* 9870, 22 juillet 1952, HOLOTYPE

*Orobus pannonicus* Jacq., Enum. Stirp. Pler. 128. 1762

AUSTRIA: prope Vindobonam, *Wiesbaur*, TOPOTYPE

*Orthocarpus barbatus* Cotton, Bull. Torrey Bot. Club 29: 574. 1902

U.S.A.: Washington, Grant Co., Coulee City in Grand Coulee, *J.W. Thompson* 11660, 16 June 1935, TOPOTYPE

*Orthocarpus brevistylis* Hoover



U.S.A.: California, San Luis Obispo County, west edge of Carrizo Plain on Highway 58, *R.F. Hoover 10,362*, 5 April 1967, PARATYPE

*Orthocarpus brevistylis* Hoover, *Four Seasons* 2(4): 14-15. 1968

U.S.A.: California, San Luis Obispo Co., north side of lower Cuyama Valley, *R.F. Hoover 8119*, 19 Apr. 1982, ISOTYPE

*Orthocarpus erianthus* Benth. var. *gratiosus* Jepson & Tracy in Jepson *Man. Fl. Pl. Calif.* 941. 1925

U.S.A.: California, Humboldt Co., Bucksport, near Eureka, *J.P. Tracy 17465*, 14 May 1944, TOPOTYPE

*Orthocarpus faucibarbatulus* Gray var. *albidus* Keck, *Madrono* 5: 164- 165. 1940

U.S.A.: California, Humboldt Co., Humboldt Bay, 4 miles south of Eureka, *Keck & Clausen 3380*, 16 June 1935, PARATYPE

*Oryzopsis hymenoides* (Roem. & Schult.) Ricker X *Stipa neomexicana* (Thurb.) Scribn. hybr. nov. Weber, *Rhodora* 59: 273-277

U.S.A.: Colorado, Boulder County, 6 miles north of Boulder along foothills road, 26 June 1957, *W.A. Weber 10565*, ISOTYPE

*Oryzopsis swallenii* C.L. Hitchc., *Brittonia* 20: 164. 1968

U.S.A.: Idaho, Clark Co., NW of Blue Dome, *C.L. Hitchcock 23868*, 7 July 1965, ISOTYPE

*Osmanthus didymopetalus* P.J. Green, *Notes Royal Bot. Gard. Edinb.* 22: 536. 1958

CHINA: Hainan, *H.Y. Liang 63771*, 23 Oct. 1923, PARATYPE

*Osmorhiza obtusa* (Coulter & Rose) Fern. var. *cupressimontana* Boivin, *Can. Field-Nat.* 65: 20. 1951

CANADA: Saskatchewan, Cypress Hills Park, *A.J. Breitung 4742*, 13 July 1947, HOLOTYPE

*Osteomeles intermedia* Pittier, *Contr. U.S. Natl. Herb.* 20: 107. 1918

COLOMBIA: Santa Marta, *H.H. Smith 1751*, 1898-1901, ? ISOTYPE

*Ostrya knowltonii* Coville, *Gard. & For.* 7: 114 f. 23. 1894

U.S.A.: Arizona, Grand Canyon, *W.R. Dudley*, June 1904(?), TOPOTYPE

*Ostrya virginiana* (Mill.) Koch var. *lasia* Fernald, *Rhod.* 38: 414. 1936

U.S.A.: Florida, Columbia Co., Lake City, *G.V. Nash 2158*, 11-19 July 1895, ISOTYPE

*Oxytheca watsonii* Torrey & Gray in S. Watson, *Bot. King's Expedition*, p. 311. 1871

U.S.A.: Nevada, Monitor Valley, *Holmgren & Reveal 1500*, 2 Aug. 1964, TOPOTYPE

*Oxytropis arctica* R.Br. in Parry 1st Voy. App. 278. 1824  
CANADA: District of Franklin, Melville Island, *Mosquin & Martin 6481*, 27 July 1965,  
TOPOTYPE

*Oxytropis chartacea* Fassett, Rhod. 38: 95. 1936  
U.S.A.: Wisconsin, Plainfield, *N.C. Fassett 16704*, 15 Sept. 1935, ISOTYPE

*Oxytropis columbiana* St. John, Proc. Biol. Soc. Wash. 41: 100. 1928  
U.S.A.: Washington, Stevens Co., Columbia River at Marcus, *H.T. Rogers 543*, 25 May 1940,  
TOPOTYPE

*Oxytropis deflexa* (Pallas) DC var. *parviflora* Boivin  
CANADA: Mackenzie, Norman Wells, *Cody & Gutteridge 7447, 7811*, 22 July 1953, 5 Aug.  
1953, PARATYPES; Seven Mile Lake, 60 02'N 112 38'W, *Cody & Loan 4676*, 22 July 1950,  
PARATYPE; *Cody 4454*, 16 July 1950, PARATYPE; Yellowknife, *Cody & McCause 2717*, 19 July  
1949, PARATYPE; Yukon, Whitehorse, *Gillett & Mitchell 3252*, 9 June 1949, PARATYPE; Ear  
Lake near Whitehorse, *Gillett & Mitchell 3650*, 9 July 1949, PARATYPE; Whitehorse, 60 43'N  
135 03'W, *Gillett & Mitchell 4424*, 11 Aug. 1949, PARATYPE; Dawson, *Calder & Billard 3207*,  
20 June 1949, PARATYPE; Dawson, *Calder & Billard 3377*, 29 June 1949, PARATYPE; Dawson,  
*Calder & Billard 3737*, 16 July 1949, PARATYPE; north end of Marsh Lake, 60 33'N 134 30'W,  
*Calder & Gillett 26461*, 4 July 1960, PARATYPE; north end of Marsh Lake, *J.A. Calder 28336*,  
17 Aug. 1960, PARATYPE; north end of north Von Wilczek Lake, *Calder & Kukkonen 28080*, 10  
Aug. 1960, PARATYPE; NW of Destruction Bay on Kluane Lake, 61 19'N 138 56'W, *Calder &*  
*Kukkonen 28196*, 13 Aug. 1960, PARATYPE; Tatchun River, 62 07'N 136 18'W, *Calder &*  
*Gillett 25823*, 22 June 1960, PARATYPE; 8 miles north of Carcross, 60 16'N 134 44'W, *Calder*  
*& Kukkonen 28308*, 15 Aug. 1960, PARATYPE; 3 miles northeast of Mayo, 63 36'N 135 53'W,  
*Calder & Gillett 4104*, 1 Aug. 1949, PARATYPE; Lower Lebarge Station on Lewes River, 61 23'N  
135 13'W, *Gillett & Mitchell 3945*, 24 July 1949, PARATYPE; Mile 85 from Alaska Highway  
on road to Dawson, 61 52'N 136 07'W, *Calder & Gillett 25794*, 22 June 1960, PARATYPE;  
Alberta, about 12 miles north of Jasper, *J.A. Calder 23924*, 22 July 1959, PARATYPE; Jasper, *E.H.*  
*Moss 4842*, 6 July 1939, PARATYPE; Grande Prairie, *J. Bostock s.n.*, Aug. 1926; PARATYPE;  
Peace River, *Groh 2774*, 16 Aug. 1946, PARATYPE; Prestville, *E.H. Moss 7591*, 28 July 1947,  
PARATYPE; Hines Creek, *H. Groh 995*, 15 Sept. 1939, PARATYPE; British Columbia, on road  
Riske Creek to Hanceville, 51 58'N 122 38'W, *Calder et al. 18285*, 3 July 1956, PARATYPE;  
One Eye Lake, *Calder et al. 18629*, 10 July 1956, PARATYPE; Prince George, *Groh 623*, 17 Aug.  
1939, PARATYPE; Pouce Coupe, *Groh 3081*, 5 Sept. 1946, PARATYPE; near mouth of Halfway  
River, 56 13'N 121 27'W, *Calder & Kukkonen 27054*, 15 July 1960, PARATYPE; Route de  
l'Alaska, *Calder & Kukkonen 27602, 27295, 26640*, July 1960, PARATYPES

*Oxytropis deflexa* (Pall.) DC. var. *capitata* Boivin, Sv. Bot. Tid. 56: 499-500. 1963  
CANADA: Ontario, 34 mi. sud du cap Henriette, 54°40'N, *Dutilly & Lepage 31367*, 17 août  
1953, HOLOTYPE

*Oxytropis deflexa* (Pall.) DC. var. *parviflora* Boivin, Sv. Bot. Tid. 56: 498. 1963

CANADA: Alberta, 1 mile SW of Fort Smith, N.W.T., *Cody & Loan 4496*, 17 July 1950, HOLOTYPE

*Oxytropis foliolosa* Hook., Fl. Bor. Am. 1: 146. 1831

CANADA: Alberta, Fort Saskatchewan, *G.H. Turner 2465*, 6 June 1941, TOPOTYPE

*Oxytropis ircutensis* M. Pop., Herb. Fl. SSSR ex. 3835

U.S.S.R.: Prov. Irkutsk, pagum Vvedenskoë, *Popov & Andreeva*, 28 May 1952, ISOTYPE

*Oxytropis johannensis* (Fernald) Fernald f. *bicensis* Vict. & Rousseau, Contr. Inst. Bot. Univ. Montreal 36: 32. 1940

CANADA: Quebec, Montagne de Bic, *J. Rousseau 50297*, 15 juillet 1936, ISOTYPE

*Oxytropis lambertii* Pursh f. *canadensis* Gaudin, Bull. Soc. Bot. France 48: xvi. 1902

CANADA: Manitoba, Portage-la-Prairie, *I.K. McMorine* Aug. 1897, TYPE COLLECTION MATERIAL

*Oxytropis leucantha* (Pallas) Pers. var. *magnifica* Boivin

CANADA: Alberta, Macleod District, *R.H. Dixon 1632*, 2 June 1940, PARATYPE

*Oxytropis leucantha* (Pallas) Pers. var. *hudsonica* (Greene) Boivin f. *galactantha* Boivin, Nat. can. 94: 76. 1967

CANADA: Franklin District, Melville Peninsula, Repulse Bay, *P.F. Bruggeman 52*, 27 July 1950, HOLOTYPE

*Oxytropis leucantha* (Pallas) Pers. var. *leuchippiana* Boivin, Nat. can. 94: 76. 1967

CANADA: Yukon, Whitehorse, *Gillett & Calder 3181*, 4 June 1949, HOLOTYPE

*Oxytropis leucantha* (Pallas) Pers. var. *magnifica* Boivin, Nat. can. 94: 77. 1967

CANADA: Alberta, High River, *J. Fletcher*, 27 June 1902, HOLOTYPE & ISOTYPE

*Oxytropis mazama* St. John, Proc. Biol. Soc. Wash. 41: 101-102. 1928

U.S.A.: Washington, Rainier National Park, Mt. Wow, *J.W. Thompson 12578*, 15 Aug. 1935, TOPOTYPE

*Oxytropis nigrescens* (Pall.) Fisch. var. *bryophila* (Greene) Lepage f. *albida* Lepage, Amer. Midl. Nat. 46: 758. 1952

U.S.A.: Alaska, Kodiak, *E. Lepage 25089*, 24 June 1949, ISOTYPE

*Oxytropis nigrescens* (Pall.) Fisch. var. *lonchopoda* Barneby, Leafl. West. Bot. 10: 23. 1963

CANADA: Yukon, Ogilvie Mts., Cathedral Rocks, 66°02'N 138°44'W, *Calder & Gillett 26013A*, 29 June 1960, HOLOTYPE

*Oxytropis obnapiformis* Porter, Madrono 9: 133. 1947

U.S.A.: Colorado, Moffat Co., Maybell, *Porter 3616*, 2 June 1950, PARATYPE

*Oxytropis pyrenaica* Gren. & Godr., Fl. Fr. 1: 449. 1848

FRANCE: Hautes Pyrénées, Gavarine, *W.E. Nicholson*, Aug. 1902, TOPOTYPE

*Oxytropis roaldii* Ostenf. in Vid.-Selsk. Skr., Christiania Math.-Nat. No. 8: 54. 1909

CANADA: Yukon, Herschel Island, J.V. Matthews, 31 July 1983, TOPOTYPE

*Oxytropis scammaniana* Hultén, Ark. Bot. 33B: 4. 1947

U.S.A.: Alaska, Eagle Summit, *E. Lepage 25380*, 7 Aug. 1949, TOPOTYPE

*Oxytropis tananensis* Jurtz, Russian Acad. Sc. 78(9): 61-62. 1993

CANADA: Yukon, Tantalus Butte at Carmacks, 62°07'N 136°16'W, *Calder & Kukkonen 27976*, 9 Aug. 1960, PARATYPE

*Oxytropis viscida* Nutt. ex T. & G., Fl. N. Amer. 1: 341. 1838

U.S.A.: Wyoming, Fremont Co., Beaver Hill west of the Sweetwater Crossing on the Oregon Trail, *C.L. Porter 6809*, 2 Aug. 1955, TOPOTYPE

*Pachyloma setosum* Wurdack, Mem. N.Y. Bot. Gard. 10(1): 107. 1958

VENEZUELA: Rio Guainia, Territorio Amazonas, east of Marva, *Maguire et al. 41708*, 6 Oct. 1957, TOPOTYPE

*Paederia pringlei* Greenm., Proc. Amer. Acad. 39: 92

MEXICO: Morelos, near Yautapec, *C.G. Pringle 8682*, Oct. 1902, ? TYPE - PUBLICATION NOT AVAILABLE

*Paepalanthus polytrichoides* Kunth var. *glaber* Moldenke, Bot. Mus. Harvard Univ. Leaflet. 17: 66. 1955

COLOMBIA: Vaupes, Rio Karuro, *Schultes & Cabrera 19180*, 15-16 April 1953, ISOTYPE

*Palicourea caloneura* Rusby, Descriptions of Three Hundred New Species of South American Plants, p. 142. 1920

COLOMBIA: Santa Marta, *H.H. Smith 1808*, (1898-1901), ? ISOTYPE

*Palicourea leuconeura* Standley, Publ. Field Columbian Mus. Bot. Ser. 7: 137. 1930

COLOMBIA: Santa Marta, *H.H. Smith 1822*, 1898-1901, ? ISOTYPE

*Panicum aculeatum* Hitchc. & Chase, Rhod. 8: 209. 1906

U.S.A.: District of Columbia, Tacoma Park, *A. Chase* (Amer. Gr. Nat. Herb. 180), 17 July 1905, TOPOTYPE

*Panicum acuminatum* Swartz, Prodr. Veg. Ind. Occ. 23. 1788

JAMAICA: Abbey Green in the Blue Mountains, *A.S. Hitchcock* (Amer. Gr. Nat. Herb. 133), 4

Oct. 1912, TOPOTYPE

*Panicum altum* Hitchc. & Chase, Contr. U.S. Nat. Herb. 17: 488-489

PANAMA: Point Chamé, *A.S. Hitchcock 8167* (Amer. Gr. Nat. Herb. 507), 18 Sept. 1911, ISOTYPE

*Panicum amarulum* Hitchc. & Chase, Contr. U.S. Nat. Herb. 15: 96. 1910

U.S.A.: Virginia, Lynnhaven, *A.S. Hitchcock* (Amer. Gr. Nat. Herb. 44), 2 Sept. 1905, PARATYPE

*Panicum boreale* Nash var. *michiganense* Farwell, Rhod. 42: 306-307. 1940

U.S.A.: Michigan, Keweenaw Co., Cliff Mine, *O.A. Farwell 11355*, 16 July 1936, PARATYPE

*Panicum capillarioides* Vasey, Contr. U.S. Nat. Herb. 1: 54. 1890

U.S.A.: Texas, Willacy Co., Sarita, *A.S. Hitchcock* (Amer. Gr. Nat. Herb. 32), 27 June 1910, TOPOTYPE

*Panicum chapmanii* Vasey, Bull. Torrey Bot. Club 11: 61. 1884

U.S.A.: Florida, shores of Manatee River, *F. Rugel 394*, 1842- 1849, TYPE COLLECTION MATERIAL

*Panicum crusgalli* L. var. *edulis* Hitchcock, U.S. Dept. Agriculture Bull. 772: 238. 1920

U.S.A.: New Hampshire, Shelburne, *A.S. Hitchcock* (Amer. Gr. Nat. Herb. No. 430), 29 Aug. 1917, TYPE COLLECTION MATERIAL

*Panicum depauperatum* Muhl. var. *psilophyllum* Fern. f. *cryptostachys* Fernald, Rhod. 23: 194. 1921

CANADA: Nova Scotia, Middleton, *Fernald et al. 19769*, 20 July 1920, ISOTYPE

*Panicum dichotomiflorum* Michx. var. *puritanorum* Svenson, Rhod. 22: 154. 1920

U.S.A.: Massachusetts, Half-way Pond, Barnstable, *M.L. Fernald* (Pl. ex. Gray 306), 13 Sept. 1919, ISOTYPE

*Panicum fasciculatum* Swartz, Prodr. Veg. Ind. Occ. 22. 1788

JAMAICA: Hope Gardens, near Kingston, *A.S. Hitchcock* (Amer. Gr. Nat. Herb. 5), 18 Oct. 1912, TOPOTYPE

*Panicum ferventicola* Schmoll var. *papillosum* Schmoll

CANADA: Alberta, Banff, 31 July 1914, *Madrono 5, 94-95*, 1939, ISOTYPE

*Panicum ferventicola* Schmoll, *Madrono 5: 92*. 1939

U.S.A.: Wyoming, 5 mi. N of Norris Geyser Basin, Yellowstone National Park, *A. Chase* (Amer. Gr. Nat. Herb. 137), 10 Aug. 1908, ISOTYPE

- Panicum filipes* Scribn., Contr. Herb. Frankl. Marsh. Coll. 1: 13. 1895  
U.S.A.: Texas, Corpus Christi, *A.S. Hitchcock* (Amer. Gr. Nat. Herb. 33), 27 June 1910,  
TOPOTYPE
- Panicum firmulum* Hitchc. & Chase, Contr. U.S. Nat. Herb. 15: 27. 1910  
U.S.A.: Texas, Willacy Co., Sarita, *A.S. Hitchcock* (Amer. Gr. Nat. Herb. 3), 27 June 1910,  
PARATYPE
- Panicum gouinii* Fourn., Mex. Pl. 2: 28. 1886  
MEXICO: Vera Cruz, *A.S. Hitchcock*, (Amer. Gr. Nat. Herb. no. 40), 31 Aug. 1910,  
TOPOTYPE
- Panicum grande* Hitchc. & Chase, Contr. U.S. Nat. Herb. 17: 529. 1915  
PANAMA: Gatun Lake, Canal Zone, *A.S. Hitchcock 9178* (Amer. Gr. Nat. Herb. 545), 15 Dec.  
1911, ISOTYPE
- Panicum hians* Ell., Bot. S.C. & Ga. 1: 118-119. 1816  
U.S.A.: South Carolina, Orangeburg, *A.S. Hitchcock* (Amer. Gr. Nat. Herb. no. 61), 15 Aug.  
1905, TOPOTYPE
- Panicum koolauense* St. John & Hosaka, Occas. Pap. Bishop Mus. 11: 3. 1935  
HAWAIIAN ISLANDS: Oahu, Koolau Mts., *F.R. Fosberg 13875* (Pl. ex. Gray 822), 23 May  
1937, TOPOTYPE
- Panicum lacustre* Hitchc. & Ekman, U.S. Dept. Agr. Misc. Publ. 243: 253-254. 1936  
CUBA: Laguna de la Maquina, Pinar del Rio City, *E.L. Ekman* (Amer. Gr. Nat. Herb. 1033), 31  
Oct. 1923, ISOTYPE
- Panicum leibergii* (Vasey) Scribn. var. *baldwinii* Lepage, Nat. can. 86: 67. 1959  
CANADA: Ontario, Mattice, *E. Lepage 36091*, 21 juillet 1958, ISOTYPE
- Panicum leonis* Ekman, U.S. Dept. Agric. Misc. Publ. 243: 295.f. 286. 1936  
CUBA: Cojimar, near Habana, *E.L. Ekman* (Amer. Gr. Nat. Herb. 1038), 9 Sept. 1921,  
ISOTYPE
- Panicum longifolium* Torr. var. *tusketense* Fernald, Rhod. 23: 192. 1921  
CANADA: Nova Scotia, Gavelton Lake, *Fernald & Long* (Pl. ex. Gray 432), 13 Aug. 1921,  
TOPOTYPE
- Panicum mayurensis* Wright, Anal. Acad. Cienc. Habana 8: 206. 1871  
CUBA: *E.L. Ekman* (Amer. Gr. Nat. Herb. 1022), 9 Sept. 1921, TOPOTYPE
- Panicum millefolium* Hitchc. & Chase, Contr. U.S. Nat. Herb. 17: 494. 1915  
PANAMA: Frijoles, Canal Zone, *A.S. Hitchcock 8387* (Amer. Gr. Nat. Herb. 509), 12 Oct. 1911,

ISOTYPE

*Panicum mohavense* J. Reeder, Phytologia 71: 300. 1991

U.S.A.: Arizona, Mohave Co., Main Stree Valley, R.K. Gierisch 4923, 6 Oct. 1986,  
PARATYPE, TOPOTYPE

*Panicum molle* Swartz, Prodr. Veg. Ind. Occ. 22. 1788

JAMAICA: Hope Gardens, near Kingston, A.S. Hitchcock (Amer. Gr. Nat. Herb. 9), 1 Oct. 1911,  
TOPOTYPE

*Panicum nodatum* Hitchc. & Chase, Contr. U.S. Nat. Herb. 15: 293. 1910

U.S.A.: Texas, Willacy Co., Sarita, A.S. Hitchcock (Amer. Gr. Nat. Herb. 176), 27 June 1910,  
TOPOTYPE

*Panicum ophiticola* Hitchc. & Ekman, U.S. Dept. Agr. Misc. Publ. 243: 293. f. 282. 1936

CUBA: Province Habana, Minas, E.L. Ekman (Amer. Gr. Nat. Herb. 1034), 7 Sept. 1921,  
TOPOTYPE

*Panicum oricola* Hitchc. & Chase

U.S.A.: Virginia, Cape Henry, A. Chase 152, 24 June 1905, PARATYPE

*Panicum oricola* Hitchc. & Chase, Rhod. 8: 208. 1906

U.S.A.: Delaware, Lewes, A.S. Hitchcock 47 (Amer. Gr. Nat. Herb. 151), 18 June 1905,  
ISOTYPE

*Panicum pacificum* Hitch. & Chase, Contrib. U.S. Nat. Herb. 15: 229. 1910

U.S.A.: Washington, Klickitat Co., Falcon Valley, W.N. Suksdorf 6292, 16 July 1908,  
PARATYPE

*Panicum pacificum* Hitchc. & Chase, Contr. U.S. Nat. Herb. 15: 229-230. 1910

U.S.A.: California, Shasta Co., Castle Crag, A.S. Hitchcock (Amer. Gr. Nat. Herb. 136), 3 Aug.  
1908, ISOTYPE

*Panicum parcum* Hitchc. & Chase, Contr. U.S. Nat. Herb. 15: 68. 1910

MEXICO: State of Guerrero, Balsas, A.S. Hitchcock (Amer. Gr. Nat. Herb. 30), 9 Sept. 1910,  
TOPOTYPE

*Panicum petersonii* Hitchc. & Ekman, U.S. Dept. Agric. Misc. Publ. 243: 263 f. 220. 1936

CUBA: Province Pinar del Rio, Mendoza, E.L. Ekman (Amer. Gr. Nat. Herb. 1038), 16 Nov.  
1923, ISOTYPE

*Panicum praecocius* Hitchc. & Chase, Rhod. 8: 206. 1906

U.S.A.: Illinois, Stark Co., Wady Petra, V.H. Chase (Amer. Gr. Nat. Herb. 135), 17 June 1905,  
TOPOTYPE

*Panicum rhizomatum* Hitchc. & Chase, Contr. U.S. Nat. Herb. 15: 109. 1910  
U.S.A.: South Carolina, Orangeburg, *A.S. Hitchcock 450* (Amer. Gr. Nat. Herb. 55), 18 Aug. 1905, ISOTYPE

*Panicum stagnatile* Hitchc. & Chase, Contr. U.S. Nat. Herb. 17: 528. 1915  
PANAMA: Frijoles, Canal Zone, *A.S. Hitchcock* (Amer. Gr. Nat. Herb. 544), 12 Oct. 1911, ISOTYPE

*Panicum unciphyllum* Trin. var. *thinium* Hitchc. & Chase, Rhod. 8: 209. 1906  
U.S.A.: New Jersey, Egg Harbor, *A. Chase* (Amer. Gr. Nat. Herb. 530), 14 June 1916, TOPOTYPE

*Panicum utowanaeum* Scribn., Contr. U.S. Nat. Herb. 15: 24. 1910  
PUERTO RICO: Ensenada, Guanica Bay, *A. Chase* (Amer. Gr. Nat. Herb. 201), 14 Nov. 1913, TOPOTYPE

*Panicum wilcoxianum* Vasey var. *breitungii* Boivin  
CANADA: Saskatchewan, Macdowall, *R.C. Russell S52022*, 7 July 1952, PARATYPE; Goodwater, *Hudson & Caolson 2089*, 1 June 1961, PARATYPE; near Welby, southeast of Spy Hill, *Dore & Boivin 13133*, 7 July 1951, PARATYPE

*Panicum wilcoxianum* Vasey var. *breitungii* Boivin, Nat. can. 94: 526. 1967  
CANADA: Saskatchewan, Nisbet Provincial Forest, E of Prince Albert, *Boivin & Breitung 6518*, 20 June 1949, HOLOTYPE

*Papaver cornwallisensis* D. Löve, Bot. Not. 109: 176. 1956  
CANADA: Dist. of Franklin, Cornwallis Island, *W.B. Schofield 90*, 4 July 1949, TOPOTYPE

*Papaver dahlianum* Nordh. var. *spitzbergensis* Löve, Nytt. Magasin f. Botanikk 4: 14. 1955  
SPITZBERGEN: Treurenberg, Hecla Cover, *R. McCormick*, 22 July 1827, TOPOTYPE

*Papaver keelei* A.E. Porsild, Nat. Mus. Can. Bull. 101: 20. 1945  
CANADA: Dist. of Mackenzie, Mackenzie Mts: 64°31'N 127°31'W, *W.J. Cody 19055*, 19 July 1970, TOPOTYPE

*Papaver kluanensis* D. Löve, Bot. Not. 109: 178. 1956  
CANADA: Yukon Terr., Slim's River, Mile 1060 Alaska Hy., *J.O. Wheeler 32*, 12 July 1953, TOPOTYPE

*Papaver kluanensis* D. Löve in Löve & Freedman, Bot. Nat. 109: 178-180. 1956  
CANADA: Yukon, Mt. Maxwell, Kluane National Park, *G.W. Scotter 21137*, 4 Aug. 1972, TOPOTYPE

*Papaver mcconnellii* Hulten, Fl. Alaska and Yukon 5: 803. 1945



CANADA: District of Mackenzie, Richardson Mts. on Yukon- Mackenzie border, 67°33'N 136°12'W, *J.A. Calder 34087*, 8 July 1962, TOPOTYPE

*Papaver nudicaule* L. ssp. *americanum* Rönkel, Feddes Repert. 88: 437. 1977

CANADA: Yukon, S bank of Klondike River at Dawson, *Calder & Billard 3943*, 26 July 1949, TYPE COLLECTION MATERIAL

*Papaver stefanssonianum* Löve, Nytt. Magasin for Botanikk 4: 14. 1955

ICELAND: Patriksfjords, *F.A. Walker*, 24 June 1890, TOPOTYPE

*Parathesis emarginata* Lundell, Wrightia 3: 64. 1963

COLOMBIA: Santa Marta, *H.H. Smith 444*, 1898-1901, ? ISOTYPE

*Parathesis reticulata* Lundell var. *sinuata* Lundell, Wrightia 3: 72. 1963

COLOMBIA: Santa Marta, *H.H. Smith 1724*, 1898-1901, ? ISOTYPE

*Parianarium pachyphyllum* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 26-27. 1920

COLOMBIA: Santa Marta, *H.H. Smith 1775* (1898-1901), ? ISOTYPE

*Parnassia caroliniana* Michx. f. *reducta* Rousseau, Can. J. Res. Sec. C. 28: 242. 1950

CANADA: Quebec, Anticosti, Rivière Jupiter, *J. Rousseau 52,406*, 21 juillet 1942, ISOTYPE

*Paronychia baldwinii* Fenzl in Walpers, Rep. bot. syst. 1: 262. 1842

U.S.A.: Florida, Columbia Co., Lake City, *G.V. Nash 2200*, 11- 19 July 1895, TOPOTYPE

*Paronychia canariensis* Fuss., Mem. Mus. Par. 2: 390. 1815

CANARY ISLANDS: Nivaria, Taganana, *E.R. Sventenius* (Fl. Sel. Can. 20), 19 Feb. 1944, TOPOTYPE

*Paronychia franciscana* Eastwood, Bull. Torr. Bot. Club. 28: 288. 1901

U.S.A.: California, San Francisco, *L.S. Rose 47100*, 18 Apr. 1947, TOPOTYPE

*Paronychia virginica* Spreng., Syst. 1: 822. 1825

U.S.A.: West Virginia, Jefferson Co., Shenandoah River, *E.T. Wherry* (Pl. ex. Gray 1047), 1 Sept. 1940, TOPOTYPE

*Parosela lasiostoma* Rose, U.S. Dept. Agr. Contrib. Nat. Herb. 8: 305. 1905

MEXICO: Hidalgo, near Tula, *C.G. Pringle 8723*, 14 Oct. 1902, ISOTYPE

*Parosela minutiflora* Rose, Contrib. U.S. Nat. Herb. 8: 306. 1905

MEXICO: Morelos, near Yautepec, *C.G. Pringle 8721*, 8 Nov. 1902, ISOTYPE

*Parosela spiciformis* Rose, Contrib. U.S. Nat. Herb. 8: 303. 1905

MEXICO: Guerrero, Los Amates Station, *C.G. Pringle 10059*, 21 Sept. 1905, TOPOTYPE

*Parrya arctica* R.Br. f. *albiflora* Boivin

CANADA: Franklin District, King William Island, 68°47'N 97°40'W, *J. Woodruff 96*, 10 Aug. 1949, PARATYPE

*Parrya arctica* R.Br., *Chloris Melvilliana* 11-12. 1824

CANADA: Dist. of Franklin, Melville Island, *Mosquin & Martin 6430*, 22 July 1965, TOPOTYPE

*Parrya arctica* R.Br. f. *albiflora* Boivin in Cody, *Can. Field-Nat.* 67: 42. 1953

CANADA: Dist. of Franklin, Cambridge Bay, *Sweatman & Smith 6*, 2 July 1950, HOLOTYPE

*Parrya nudicaulis* (L.) Regel ssp. *albiflora* Cody

CANADA: Yukon, Richardson Mountains, north side of Mt. Cronin, *Cody & Ginns 30718*, 7 July 1982, PARATYPE; Km 12½ Seagull Lake Road, *V. Hodgson 776*, 29 June 1982, PARATYPE

*Parthenium lozanoanum* Bartlett, *Proc. Am. Acad.* 44: 636. 1909

MEXICO: Nuevo Leon, Hacienda, El Carrizo, *C.G. Pringle 10247*, 1 May 1906, ISOTYPE

*Parthenium tetraeuris* Barneby, *Leafl. West. Bot.* 5: 19. 1947

U.S.A.: Colorado, Fremont Co., Beaver Creek, *W.A. Weber*, 13 May 1950, TOPOTYPE

*Pasania edulis* Makino, Publication unknown

JAPAN: Tokyo Pref. (cult.), *T. Makino*, 17 June 1908, ? TYPE COLLECTION MATERIAL

*Paspalum amphiarpum* Ekman, *Contr. U.S. Nat. Herb.* 28: 161-162. 1929

CUBA: Pueblo Nuevo, Mangas, Pinar del Rio, *E.L. Ekman 17565* (*Amer. Gr. Nat. Herb.* 958), 8 Oct. 1923, ISOTYPE

*Paspalum culiacanum* Vasey, *Contr. U.S. Nat. Herb.* 1: 381. 1893

MEXICO: mountains of Culiacan, Lodiego, *E. Palmer 1647*, 9-25 Oct. 1891, ISOTYPE

*Paspalum portoricense* Nash, *Bull. Torrey Bot. Club* 30: 377. 1903

PUERTO RICO: Monte Alegrillo, near Maricao, *A. Chase* (*Amer. Gr. Nat. Herb.* 570), 21 Oct. 1913, TOPOTYPE

*Paspalum secans* Hitchc. & Chase, *Contr. U.S. Nat. Herb.* 18: 319. 1917

PUERTO RICO: Monte Mesa, *A. Chase* (*Amer. Gr. Nat. Herb.* 577), 25 Oct. 1913, TOPOTYPE

*Paspalum serratum* Hitchc. & Chase, *Contr. U.S. Nat. Herb.* 18: 06. 1917

JAMAICA: Troy, *A.S. Hitchcock 9795* (*Amer. Gr. Nat. Herb.* 562), 6 Nov. 1912, ISOTYPE

*Paspalum tinctum* Chase, *Contr. U.S. Nat. Herb.* 28: 62. 1929

MEXICO: Cuernavaca, Morelos, *A.S. Hitchcock* (Amer. Gr. Nat. Herb. 911), 11 Sept. 1910,  
PARATYPE

*Pectis densa* Rusby, Descriptions of Three Hundred New Species of South American Plants, p.  
158. 1920

COLOMBIA: Santa Marta, *H.H. Smith 528* (1898-1901), ? ISOTYPE

*Pectis pringlei* Fernald, Proc. Amer. Acad. 33: 76. 1898

MEXICO: Coahuila, Jimulco, *C.G. Pringle 10091*, 10 Oct. 1905, TOPOTYPE

*Pectis rosea* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp.  
157-158. 1920

COLOMBIA: Santa Marta, *H.H. Smith 528* (1898-1901), ? ISOTYPE

*Pectocarya peninsularis* I.M. Johnston, Journ. Arn. Arb. 20: 401- 402. 1939

MEXICO: Baja California, 8 miles north of Hamilton Ranch, *I.L. Wiggins 4291*, 2 Mar. 1930,  
PARATYPE

*Pedicularis altaica* Steph. f. *glabrata* Krylov, Publication unknown

U.S.S.R.: Altai, *P. Krylov*, 1901, ? TYPE COLLECTION MATERIAL

*Pedicularis atosanguinea* Pennell & Thompson, Bull. Torrey Bot. Club 61: 443. 1934

U.S.A.: Washington, Clallam Co., Mt. Angeles, *J.W. Thompson 7491*, 18 July 1931,  
TOPOTYPE

*Pedicularis elongata* A. Kerner, Zeitschr. Ferd. Tirol III, 15: 260. 1870

EUROPE: Tiroliae australis in monte Serva Venetiae, *Huter*, (Fl. ex. Aust.-Hung. 634), ? TYPE  
- PUBLICATION NOT AVAILABLE

*Pedicularis fluviatilis* Heller, Minn. Bot. Stud. 2: 33-34. 1898

U.S.A.: New Mexico, Santa Fe Canon, 9 miles east of Santa Fe, *A.A. & E.G. Heller 3639*, 2 June  
1897, ISOTYPE

*Pedicularis lanata* Cham. & Schlecht., f. *alba* Cody

CANADA: Keewatin, Southampton Island, Coral Harbor near Munn Bay, 64 08'N 83 17'W, *W.J.  
Cody 1249*, 11 July 1948, PARATYPE

*Pedicularis lanata* Cham. & Schl. f. *alba* Cody, Can. Field-Nat. 65(4): 143. 1951

CANADA: District of Keewatin, Southampton Island near Kirchoffer R., *W.J. Cody 1146*, 3 July  
1948, HOLOTYPE

*Pedicularis palustris* L. f. *laurentiana* Vict. & Rouss., Contr. Inst. Bot. Montreal 36: 45. 1940

CANADA: Quebec, Bonaventure Co., Newport, *Victorin et al. 44899*, 1 juillet 1931,

PARATYPE

*Pedicularis pennellii* Hultén ssp. *insularis* Calder & Taylor

CANADA: British Columbia, Queen Charlotte Islands, Graham Island, Mt. Hobbs, Empire Anchorage, *Calder & Savile 21531*, 14 June 1957, PARATYPE; Newton Point, west Skitegate Channel, *Calder et al. 22978*, 25 July 1957, PARATYPE; Moresby Island, Mosquito Lake near head of Cumsheewa Inlet, *Calder & Taylor 23725*, 24 Aug. 1957, PARATYPE; mountain above west end of Mosquito Lake, *Calder & Taylor 36450*, 1 Aug. 1964, PARATYPE

*Pedicularis pennellii* Hultén ssp. *insularis* Calder & Taylor, *Can. J. Bot.* 43: 1399. 1965

CANADA: British Columbia, Queen Charlotte Islands, Moresby Island, *Calder et al. 21754*, 25 June 1957, HOLOTYPE

*Pedicularis rainierensis* Pennell & Warren, *Bull. Torrey Bot. Club* 55: 317-318. 1928

U.S.A.: Washington, Pierce Co., Mount Rainier National Park, *F.A. Warren 1498*, 24 July 1931, TOPOTYPE

*Pedicularis semibarbata* Gray var. *charlstonensis* Pennell & Clokey

U.S.A.: Nevada, ridge south of Deer Creek, *I.W. Clokey 7717*, 23 May 1937, PARATYPE; Kyle Canyon, *I.W. Clokey 7716*, 22 June 1937, PARATYPE

*Pedicularis semibarbata* Gray var. *charlestonensis* Pennell & Clokey, *Bull. So. Calif. Acad. Sci.* 38: 6. 1939

U.S.A.: Nevada, Clark Co., Charleston Mts., Charleston Park, *I.W. Clokey 7718*, 11 May 1936 & 21 June 1937, ISOTYPE

*Pedicularis sudetica* Willd. f. *alba* Cody, *Can. Field-Nat.* 65(4): 143. 1951

CANADA: District of Keewatin, Southampton Island, Coral Harbor, *W.J. Cody 1352A*, 16 July 1948, HOLOTYPE

*Pelea wawraeana* Rock, *Indig. Trees Hawaiian Islands*, 231. 1913

HAWAIIAN ISLANDS: Oahu, Koolau Range, Kahana Valley, *F. Rathburn*, 8 May 1949, TOPOTYPE

*Pellaea gastonyi* Windham

CANADA: Saskatchewan, Cluff Lake area, 58 21'N 109 42'W, *Polson & Hudson 36808*, 24 Aug. 1978, PARATYPE; British Columbia, east shore of Columbia Lake, *Taylor & Ferguson 3932*, 20 Aug. 1958, PARATYPE

*Pellaea gastonyi* Windham, *Contr. Univ. Mich. Herb.* 19: 36. 1993

CANADA: British Columbia, Kinbasket Mtn. by Kinbasket River, NW of Golden, J.A. Calder & D.B.O. Savile 11976, 17 Aug. 1953, ISOTYPE

*Penstemon abietinus* Pennell, *Cont. U.S. Nat. Herb.* 20: 376. 1920

U.S.A.: Utah, Sevier Co., Sawtooth, 15 miles up Salina Canyon, *D.D. Keck 681*, 29 June 1930, TOPOTYPE

*Penstemon acaulis* Williams, Ann. Mo. Bot. Gard. 21: 345-346. 1934

U.S.A.: Wyoming, Southern Sweetwater Co., above McKinnon, *Porter & Rollins 5657*, 27 June 1951, TOPOTYPE

*Penstemon alamosensis* Pennell, Univ. Kansas Sci. Bull. 41(5): 709. 1960

U.S.A.: New Mexico, Sacramento Mts., *Alamogordo, Rehn & Viereck*, 5 May 1902, PARATYPE

*Penstemon alluviorum* Pennell in Small, Manual of Southeastern Flora 1203. 1933; Acad. Nat. Sc. Philad. Monog. 1, Scroph. 210. 1935

U.S.A.: Indiana, Crawford Co., 4[1/2] miles north of Milltown, *C.C. Deam 20382*, 22 June 1916, PARATYPE

*Penstemon ambiguus* Torr. ssp. *laevissimus* Keck, J. Wash. Acad. Sci. 29: 41. 1939

U.S.A.: Nevada, Clark Co., Wilson's Ranch, *I.W. Clokey 8113*, 7 June 1938, ISOTYPE

*Penstemon barnebyi* N. Holmgr., Brittonia 31: 226. 1979

U.S.A.: Nevada, White Pine Co., north end of White River Valley, *Holmgren & Holmgren 8492*, 23 June 1977, ISOTYPE

*Penstemon berryi* Eastwood, Bull. Torrey Bot. Club 32: 209-210. 1905

U.S.A.: California, Siskiyou Co., near Marble Canyon, *H.P. Chandler 1599*, June 1901, PARATYPE

*Penstemon bicolor* (Bdg.) Clokey & Keck ssp. *roseus* Clokey & Keck, Bull. So. Calif. Acad. Sci. 38: 12-13. 1939

U.S.A.: Nevada, Clark Co., Nelson, Larrea belt, *I.W. Clokey 5850*, 14 May 1938, ISOTYPE

*Penstemon caelestinus* Pennell, Notular Naturae 95: 1-3. 1942

U.S.A.: Montana, Missoula County, Mount Sentinel, *F.A. Barkley 2365*, 26 May 1938, PARATYPE

*Penstemon caudatus* Heller, Minn. Bot. Studies 2: 34. 1898

U.S.A.: New Mexico, Taos Co., Barranca, *A.A. & G. Heller 3581*, 26 May 1897, ISOTYPE

*Penstemon collinus* A. Nelson, Bull. Torrey Bot. Club 25: 279. 1898

U.S.A.: Wyoming, Uinta Co., Evanston, *A. Nelson 7197*, 14 June 1900, TOPOTYPE

*Penstemon concinnus* Keck, Amer. Midl. Nat. 23: 608-609. 1940

U.S.A.: Utah, west side of Tunnel Spring Mountain, *Holmgren & Reveal 2578*, 27 May 1966, TOPOTYPE

- Penstemon confertus* Dougl. var. *aberrans* M.E. Jones, Proc. Calif. Acad. Ser. 2, 5: 715. 1895  
U.S.A.: Utah, Fish Lake, *M.E. Jones 5740*, 8-4-1894, ISOTYPE
- Penstemon crassifolius* Shuttl. ex Benth. in DC. Prodr. 10: 327. 1846  
U.S.A.: Florida, near Shellpoint, *Rugel*, July 1843, ? ISOTYPE
- Penstemon caelestinus* Pennell, Notular Naturae 95: 1-3. 1942  
U.S.A.: Montana, Missoula County, Mount Sentinel, *F.A. Barkley 2365*, 26 May 1938, PARATYPE
- Penstemon davidsonii* Greene var. *praeteritus* Cronq., Leafl. West. Bot. 10: 129. 1964  
U.S.A.: Nevada, Humboldt Co., Pine Forest Mts., 75 miles northwest of Winnemucca, *A. Cronquist 8622*, 6 July 1959, ISOTYPE
- Penstemon deamii* Pennell, Monog. Acad. Nat. Sci. Philad. No. 1: 212. 1935  
U.S.A.: Indiana, Clark Co., Forest Reserve, *C.C. Deam 20335*, 20 June 1916, TOPOTYPE
- Penstemon dolius* var. *duchesnensis* N. Holmgren  
Corrections to previous text: 16 km east of Duchesne and *Holmgren et al.* should be *8762* and date should be 25 May 1978  
U.S.A.: Utah, 3.8 miles east of Duchesne, *Holmgren et al. 1787*, 3 June 1965, PARATYPE
- Penstemon dolius* Jones var. *duchesnensis* N. Holm., Brittonia 10: 219-220. 1979  
U.S.A.: Utah, Duchesne Co., US #40, 3.8 miles east of Duchesne, *Holmgren et al. 1787*, 3 June 1965, ISOTYPE
- Penstemon euglaucus* English, Proc. Biol. Soc. Wash. 41: 197-198. 1928  
U.S.A.: Oregon, Mt. Hood, summit of Blue Grass Ridge, *J.W. Thompson 5091*, 22 July 1928, TOPOTYPE
- Penstemon exifolius* A. Nelson, Bull. Torrey Bot. Club 28: 230-231. 1901  
U.S.A.: Wyoming, Albany Co., Halleck Canyon, *A. Nelson 7460*, 6 July 1990, ISOTYPE
- Penstemon fendleri* Torrey & Gray, Pacific Rail. Rep. 2: 168. 1857  
U.S.A.: New Mexico, Santa Fe Co., Santa Fe, *A.A. & E.G. Heller 3520*, 13 May 1897, TOPOTYPE
- Penstemon francisci-pennellii* Crosswhite, Leafl. West. Bot. 10: 170. 1965  
U.S.A.: Nevada, White Pine Co., Snake Range, N. Wheeler Pk., *B. Maguire 21140*, 4 Aug. 1941, PARATYPE
- Penstemon garretti* Pennell, Contr. U.S. Nat. Herb. 20: 353-354. 1920  
U.S.A.: Utah, Wasatch Co., Large Hot Pot near Midway, *D.D. Keck 718*, 2 July 1930, TOPOTYPE

*Penstemon goodrichii* N. Holmgr., Brittonia 30: 416. 1978  
U.S.A.: Utah, Uintah Co., Uinta Basin, east of Lapoint on bluffs of Halfway Hollow, *Holmgren et al.* 8760, 25 May 1978, ISOTYPE

*Penstemon gracilis* Nutt. f. *scogganii* Boivin, Phytologia 22: 331. 1972  
CANADA: Manitoba, Réserve Forestière Whiteshell, *Boivin & Laishley* 13092, 26 juin 1959, HOLOTYPE

*Penstemon immanifestus* N. Holmgr., Brittonia 30:334-339. 1978  
U.S.A.: Nevada, White Pine Co., Steptoe Valley, *Holmgren & Holmgren* 8493, 22 June 1977, ISOTYPE

*Penstemon incertus* Brand., Bot. Gaz. 27: 454-455. 1899  
U.S.A.: California, Kern Co., Walker Pass, *L.S. Rose* 62041, 21 May 1962, TOPOTYPE

*Penstemon keckii* Clokey  
U.S.A.: Nevada, Clark County, Charleston Peak, *I.W. Clokey* 5592, PARATYPE

*Penstemon keckii* Clokey, Madrono 4: 128-130. 1937  
U.S.A.: Nevada, Clark Co., Lee Canyon, *I.W. & C.B. Clokey* 7312, 3 July 1936 (Pl. Ex. Gray 766), ISOTYPE

*Penstemon moriahensis* N. Holmgr., Brittonia 30: 422-424. 1978  
U.S.A.: Nevada, White Pine Co., northern Snake Range, south of road to Mt. Moriah, *Holmgren & Holmgren* 8609, 17 July 1977, ISOTYPE

*Penstemon navajoa* N. Holmgr., Brittonia 30: 419-421. 1978  
U.S.A.: Utah, San Juan Co., Navajo Mountain, *Holmgren & Holmgren* 8587, 13 July 1977, ISOTYPE

*Penstemon neotericus* Keck, Univ. Cal. Pub. Bot. 16: 398. 1932  
U.S.A.: California, Sierra Nevada, Plumas Co., halfway between Chester and Westwood, *D.D. Keck* 958, 24 July 1930, ISOTYPE

*Penstemon nitidus* Dougl. ex Benth. ssp. *polyphyllus* Pennell, Not. Nat. Acad. Nat. Sci. Philad. 95: 6: 1942  
U.S.A.: Montana, Granite Co., 70 miles east of Missoula, *E.A. Ducker* 2324, 19 May 1938, ?  
TYPE - PUBLICATION NOT AVAILABLE

*Penstemon pahutensis* N. Holmgr., Aliso 7: 351-355. 1971  
U.S.A.: Nevada, Nye Co., Nevada Test Site 5.3 miles up Ranier Mesa Road, *J.L. Reveal* 1206, 10 June 1968, ISOTYPE

*Penstemon palmeri* Gray var. *bicolor* T.S. Brandegees, Univ. Calif. Pub. Bot. 6: 360. 1916

U.S.A.: Nevada, Clark Co., Larrea belt, *I.W. Clokey 5847*, 2 May 1938, TOPOTYPE

*Penstemon patricus* N. Holmgr., *Brittonia* 31: 238-239. 1979

U.S.A.: Utah, Juab Co., Deep Creek Range, Thomas Creek Canyon, *Holmgren et al. 9018*, 16 July 1978, ISOTYPE

*Penstemon procerus* Dougl. f. *albescens* Boivin, *Nat. can.* 93: 1062. 1966

CANADA: Yukon Territory, Watson Lake, *J.M. Gillett 3628*, 7 July 1949, HOLOTYPE

*Penstemon procerus* Douglas f. *jenkinsii* Boivin, *Nat. can.* 87: 43. 1960

CANADA: Saskatchewan, Kindersley District, P.F.R.A. pasture northwest of Hoosier, *L. Jenkins 887*, 9 July 1951, HOLOTYPE

*Penstemon pudicus* Reveal & Beatley, *Bull. Torrey Bot. Club* 98: 332-333. "1971", 1972

U.S.A.: Nevada, Nye Co., Kawich Range, 17.5 airline miles south of Warm Springs, *Holmgren et al. 5227*, 26 June 1971, PARATYPE

*Penstemon richardsonii* Doug. in Lindl. ssp. *dentatus* Keck, *Brittonia* 8: 250. 1957

U.S.A.: Oregon, Wheeler Co., 3 miles southwest of Painted Hills, *A. Cromquist 7260*, 24 June 1953, ISOTYPE

*Penstemon smallii* Heller, *Bull. Torrey Bot. Club* 21: 25-26. 1894

U.S.A.: North Carolina, Caldwell Co., Blowing Rock, *A.A. Heller 1369*, 24 June 1893, TOPOTYPE

*Penstemon tusharensis* N. Holmgr., *Brittonia* 31: 106. 1979

U.S.A.: Utah, Beaver Co., Tushar Plateau, east of Beaver, *Holmgren & Holmgren 8576*, 10 July 1977, TOPOTYPE

*Pentapanax granatensis* Rusby, *Descriptions of Three Hundred New Species of South American Plants*, pp. 72-73. 1920

COLOMBIA: Santa Marta, *H.H. Smith 1595* 22 Mar. (1898-1901), ISOTYPE

*Pentopetia androsaemifolia* DC, *Prodr.* 8: 500. 1844

MADAGASCAR: Carion, *Decary 6024*, 30 Oct. 1927, TOPOTYPE

*Peperomia angulata* HBK. var. *parviflora* C. DC., *Ann. Conserv. & Jard. Bot. Geneve* 21: 244. 1920

COLUMBIA: Santa Marta, *H.H. Smith 2111*, 1898-1901, ISOTYPE

*Peperomia angustata* HBK. var. *santamartae* C.D.C., *Candollea* 1: 306. 1923

COLOMBIA: Santa Marta, *H.H. Smith 1254*, 1898-1901, ? ISOTYPE

*Peperomia cookiana* DC., *Prodr.* 16(1): 450. 1869



HAWAIIAN ISLANDS: Kona, south of Papalva, *Degener & Murashige 20,334*, 13 Aug. 1949, TOPOTYPE

*Peperomia hawaiiensis* C. DC., Coll. Hawaii Publ. 2: 14. 1913  
HAWAIIAN ISLANDS: Hilo, *Degener et al. 20,283*, 29 Aug. 1949, TOPOTYPE

*Peperomia herbert-smithii* Trel. & Yuncker, Piperaceae No. S. S. Amer. 2: 630-631. fig. 552. 1950  
COLOMBIA: Magdalena, Santa Marta, *H.H. Smith 1911*, 1898-1901, ? ISOTYPE

*Peperomia kokeana* Yuncker, Bull. Bishop Mus., Honolulu 112: 50. 1933  
HAWAIIAN ISLANDS: Kauai, Kokee, *Degener & Hatheway 20,483*, 1 Feb. 1950, TOPOTYPE

*Peperomia leoclemerocana* Trel., Bull. Torrey Bot. Club 51: 2. 1924  
CUBA: Sierra Maestra Mts., *T.G. Yuncker 12491*, 8/3/1948, TOPOTYPE

*Peperomia sandwicensis* Miq., Syst. Pip. I p. 126. 1843  
HAWAIIAN ISLANDS: Oahu, Puu Hapapa, *Degener et al. 21068*, 22 Oct. 1950, TOPOTYPE

*Perezia lozani* Greenm., Proc. Amer. Arts & Sci. 41: 268-269. 1905  
MEXICO: Hidalgo, between Metepec and Zontecomate Stations, *C.G. Pringle 8871*, 19 Sept. 1904, ISOTYPE

*Perezia michoacana* Robinson, Proc. Amer. Acad. 27: 179. 1892  
MEXICO: Michoacan, Jesus del Monte near Morelia, *C.G. Pringle 10410*, 29 Nov. 1907, TOPOTYPE

*Pericome glandulosa* Goodman, Rhod. 39: 209-210. 1937  
U.S.A.: Oklahoma, Cimarron Co., Kenton, *Goodman & Kelting 5347*, 18 Aug. 1950, TOPOTYPE

*Perideridia bacigalupi* Chuang & Constance, U. Cal. Pub. Bot. 55: 36. 1969  
U.S.A.: California, Nevada Co., 5.5 miles NW of Nevada City, *Chuang & Constance 5966*, 2 July 1964, TOPOTYPE

*Perideridia bolanderi* (A. Gray) Nelson & Macbride ssp. *involucrata* Chuang & Constance, Univ. Calif. Pub. Bot. 55: 47. 1969  
U.S.A.: California, Nevada Co., 1.9 miles S of Bridgeport, *Chuang & Constance 5968*, 2 July 1964, TOPOTYPE

*Perideridia gairdneri* (Hook. & Arn.) Mathias ssp. *borealis* Chuang & Constance, U. Cal. Pub. Bot. 55: 59. 1969  
U.S.A.: California, Modoc Co., ¼ mile west of Lily Lake, *Chuang & Gleason 5930*, 23 Aug. 1936, PARATYPE

- Perideridia leptocarpa* Chuang & Constance, U. Cal. Pub. Bot. 55: 51-53. 1969  
U.S.A.: California, Siskiyou Co., 1 mile N of Cecilville, *Chuang et al. 6045*, 15 June 1966,  
TOPOTYPE
- Periploca laevigata* Ait., Hort. Kew. ed. I 1: 301. 1789  
CANARY ISLANDS: Tenerife, Santa Ursula, *E. Asplund 154*, 8 Mar. 1933, TOPOTYPE
- Pernettya mexicana* Camp, Bull. Torrey Bot. Club 66: 24. 1939  
MEXICO: Oaxaca, Zempoaltepetl, *W.H. Camp 2652*, 19-27 Feb. 1937, ISOTYPE
- Perotis cubana* Wright, Anal. Acad. Cienc. Habana 8: 288. 1871  
CUBA: El Cobre, Oriente, *E.L. Ekman* (Amer. Gr. Nat. Herb. 796), 10 Nov. 1922, TOPOTYPE
- Perrottetia sandwicensis* A. Gray, Bat. U. St. Expl. Exped. 1: 291. 1854  
HAWAIIAN ISLANDS: Manoa Valley, *C. Wong 35*, 7 Nov. 1944, TOPOTYPE
- Persea humilis* Nash, Bull. Torr. Bot. Club 22: 157. 1895  
U.S.A.: Florida, Lake Co., Eustis, *G.V. Nash 574*, 1-15 May 1894, TYPE COLLECTION  
MATERIAL
- Perymenium jaliscense* Rob. & Greenman, Amer. J. Sci. 30: 154. 1895  
MEXICO: Jalisco, Sierra de San Eseban near Guadalajara, *C.G. Pringle 11818*, 21 Oct. 1903,  
TOPOTYPE
- Perymenium macrocephalum* Greenman, Proc. Am. Acad. 39: 108. 1903  
MEXICO: Guerrero, Iguala Canyon, *C.G. Pringle 10385*, 24 July 1907, TOPOTYPE
- Petasites arcticus* Porsild, Sargentia 4: 74. 1943  
CANADA: District of Mackenzie, Reindeer Station, *Cody & Ferguson 9649*, 20 June 1957,  
TOPOTYPE
- Petasites officinalis* L. var. *wallrothianum* O. Kuntze, Publication unknown  
EUROPE: Kadretica, *O. Kuntze*, 1886, ? TYPE COLLECTION MATERIAL
- Petesia coriacea* Hook. & Arn., Bot. Beech. Voy. 85. 1832  
HAWAIIAN ISLANDS: Head of Kalihi Valley, *Christopherson et al. 1484*, 25 Jan. 1931,  
TOPOTYPE
- Petrosimonia diandra* D. Litw., Schedae Herb. Fl. Ross. 2371. 1911  
U.S.S.R.: Prov. Irkutsk, distr. Balagansk, 16 Aug. 1909, ISOTYPE
- Petrosimonia litwinowi* Korsh. var. *diffusa* Litw., Publication unknown  
EUROPE: Prov. Samara, distr. Nikolajewsk, *D. Sofinski 2035a*, 19 Aug. 1905, ? TYPE  
COLLECTION MATERIAL

*Peucedanum sandwicense* Hillebr., Fl. Haw. Is. 144. 1888  
HAWAIIAN ISLANDS: Molokai, Trail leading to Kalaupapa, *Degener & Tam 22139*, 17 Mar. 1952, TOPOTYPE

*Pfaffia eriocephala* Suesseng, Repert. Spec. Nov. Regni Veg.  
COLOMBIA: Santa Marta, *H.H. Smith 2095*, 1898-1901, ? ISOTYPE

*Phaca macrocarpa* Gray, Pl. Fendl. p. 36. 1849  
U.S.A.: New Mexico, Santa Fe, *A.A. & E.G. Heller 3604*, 28 May 1897, TOPOTYPE

*Phacelia californica* Cham., Linnaea 4: 494. 1829  
U.S.A.: California, San Francisco, Twin Peaks, *L.S. Rose 48025*, 26 Mar. 1948, TOPOTYPE

*Phacelia californica* Cham. f. *bernardina* Macbr., Contrib. Gray Herb. n.s. 49: 36. 1917  
U.S.A.: California, San Bernardino Co., San Bernardino Mts., *A.R. Kruckeberg 3827*, 27 June 1955, TOPOTYPE

*Phacelia franklinii* (Br.) Gray f. *variegata* Boivin, Nat. can. 87(2): 43. 1960  
CANADA: Ontario, Thunder Bay District, Round Lake, *Garton & Campbell 1211*, 25 July 1950, HOLOTYPE

*Phacelia geraniifolia* Brand, Beitrage 2 Kenntnis den Hydrohyll. 7. 1911  
U.S.A.: Nevada, NE Las Vegas Valley, *J.L. Reveal 1295*, 13 June 1968, TOPOTYPE

*Phacelia lutea* (Hook. & Arnott) J.T. Howell var. *calva* Cronq., Vasc. Pl. Pacific Northwest 4: 168. 1959  
U.S.A.: Idaho, Owyhee Co., 26 mi. SW of Marsing, *A. Cronquist 8382*, 9 June 1959, TOPOTYPE

*Phacelia serrata* Voss, Bull. Torrey Bot. Club 64: 88. 1937  
U.S.A.: Arizona, Coconino Co., Sunset Crater National Monument, *Howell & True 45184*, 12 Sept. 1968, TOPOTYPE

*Phacelia splendens* Eastwood, Zoe 4: 9. 1893  
U.S.A.: Colorado, 24 miles NW of Grand Junction, *W.A. Weber 7384*, 11 May 1952, TOPOTYPE

*Phacelia stebbinsii* Const. & Heck., Brittonia 22: 27-29. 1970  
U.S.A.: California, Eldorado Co., Silver Creek, *Constance & Stebbins 3871*, 29 June 1969, PARATYPE

*Phacelia strictiflora* (Engelm. & Gray) A. Gray var. *connexa* Constance, Contrib. Gray Herb. 168: 19-20. 1949  
U.S.A.: Texas, Grayson Co., southwest part of Denison, *Constance & Lundell 3254*, 15 Apr.

1948, PARATYPE

*Phalangium algeriense* Boiss. & Reut., Pugill. Pl. Nov. 115. 1852  
ALGERIA: près du Fort-de-l'Eau, *A. Dubois*, 1 avril 1959, ? TOPOTYPE

*Phaseolus lozanii* Rose, Contr. U.S. Nat. Herb. 12: 274. 1909  
MEXICO: Michoacan, near Cornu Station, *C.G. Pringle 10358*, 23 Jan. 1907, ISOTYPE

*Phaseolus peduncularis* H.B.K. var. *pusillus* Hassler, Candollea 1: 436. 1923  
COLOMBIA: Santa Marta, *H.H. Smith 2052*, 1898-1901, ? ISOTYPE

*Phaseolus smilacifolius* Pollard, Bot. Gaz. 21: 233. 1896  
U.S.A.: Florida, Columbia Co., Lake City, *G.V. Nash 2505*, 29- 31 Aug. 1895, ISOTYPE

*Phebalium buckinghamii* Blakely, Austral. Nat. 10: 246. 1940  
AUSTRALIA: New South Wales, Gold Gully, Penrose, *W.F. Blakely et al.*, 15 Oct. 1938,  
PARATYPE

*Philadelphus microphyllus* A. Gray, Mem. Am. Acad. N.S. 4: 54. 1849  
U.S.A.: New Mexico, Santa Fe Canon, 9 mi. E of Santa Fe, *A.A. & E.G. Heller 3792*, 2 July  
1897, TOPOTYPE

*Philibertella filipes* Rusby, Descriptions of Three Hundred New Species of South American  
Plants, 94. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 1669* (1898-1901), ? ISOTYPE

*Phlojodicarpus baicalensis* M. Pop., Spisok Rast. Herb. Fl. URSS 8: 32. 1955  
U.S.S.R.: Lac Baical, *S. Popova* (Fl. ex. USSR 3843), July-Aug. 1952, ? ISOTYPE

*Phlox diffusa* Bentham ssp. *subcarinata* Wherry, Jour. Wash. Acad. Sci. 29: 517. 1939  
U.S.A.: Nevada, Washoe Co., Slide Mountain, *L.S. Rose 63208*, 11 July 1963, TOPOTYPE

*Phlox dispersa* Sharsmith, Aliso 4: 138. 1958  
U.S.A.: California, Tulare Co., Cirque Peak, *J.T. Howell 26183*, 9 Aug. 1949, PARATYPE

*Phlox nana* Nutt., Journ. Acad. Philad. NS 1: 153. 1847  
U.S.A.: New Mexico, canon one mile southeast of Santa Fe, *A.A. & E.G. Heller 3560*, 21 May  
1897, TOPOTYPE

*Phoradendron degenianum* Trel., Phoradendron 119. 1916  
COLOMBIA: Santa Marta, *H.H. Smith 1285*, 1898-1901, ? ISOTYPE

*Phoradendron exiguum* Trel., Phoradendron 81: 1916  
COLOMBIA: Santa Marta, *H.H. Smith 1281*, 1898-1901, ? ISOTYPE

- Phoradendron herbert-smithii* Trelease, Monog. Phoradendron 80-81. 1916  
COLOMBIA: Santa Marta, near Bonda, *H.H. Smith 1283*, 1898-1901, ? ISOTYPE
- Photinia ×fraseri* W.J. Dress cv. 'Birmingham', Bailey 9: 101-103. 1961  
CULTIVATED: Fraser Nursery, Birmingham, Alabama, U.S.A., *Meyers & Mazzeo 11016*, 11 Nov. 1968, HORTOTYPE
- Phyllanthus ferax* Standley, Publ. Field Mus. Nat. Hist., Chicago, Bot. Ser. 11: 134. 1932  
BRITISH HONDURAS: El Cayo District, *H.H. Bartlett 12933*, 13 Apr. 1931, PARATYPE
- Phyllanthus heteromorpha* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 42-43. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 1716* (1898-1901), ? ISOTYPE (fl.)
- Phyllanthus heteromorpha* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 42-43. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 410* (1898-1901), ? ISOTYPE (fr.)
- Phyllanthus sandwicensis* Muel. Arg., Linnaea 32: 31. 1863  
HAWAIIAN ISLANDS: Oahu, Hapapa, *Degener et al. 12360*, 4 June 1939, TOPOTYPE
- Phyllarthron bernierianum* Seem., Bonplandia 7: 224. 1859  
MADAGASCAR: Imborombe, *M.R. Decary 8362*, ? TYPE - PUBLICATION NOT AVAILABLE
- Phyllis viscosa* (Webb.) Christ, Bot. Jahrb. 9: 144. 1887  
CANARY ISLANDS: Tenerife, *E. Asplund 1268*, 13 May 1933, TOPOTYPE
- Phyllitis scolopendrium* (L.) Newm. var. *americanum* Fern., Rhod. 37: 220. 1935  
CANADA: Ontario, Owen Sound, Inglis Falls, *S.J. English*, 9 Aug. 1930, TOPOTYPE
- Phyllodoce nipponica* Makino, Bot. Mag. Tokyo 19. 131. 1905  
JAPAN: Mt. Shirane, Nikko City, Tochigi Pref., *T. Makino*, 17 July 1924, TOPOTYPE
- Phyllostegia grandiflora* Benth., Bot. Reg. sub. t. 1292. 1829  
HAWAIIAN ISLANDS: Oahu, Koolau Range, *F. Rathburn*, 20 Feb. 1949, TOPOTYPE
- Phyllostegia hirsuta* Benth., Bot. Reg. sub. t. 1292. 1829  
HAWAIIAN ISLANDS: Oahu, northeast ridge of Pau, *Degener et al. 12701*, 31 Mar. 1940, TOPOTYPE
- Phyllostegia hirsuta* Benth. var. *laxior* Degener & Sherff, Fl. Haw. 316. 1946  
HAWAIIAN ISLANDS: Oahu, Anahulu Trail, *Degener & Foster 12307*, 23 March 1939, TOPOTYPE

- Phyllostegia lantanoides* Sherff, Bot. Gaz. 96: 137. 1934  
HAWAIIAN ISLANDS: Oahu, Koolau Range, *F. Rathburn*, 20 Feb. 1949, TOPOTYPE
- Physalis arenicola* Kearney, Bull. Torrey Bot. Club 21: 485. 1894  
U.S.A.: Florida, Lake Co., Eustis, *G.V. Nash 1170*, 1-15 July 1894, TYPE COLLECTION MATERIAL
- Physalis chamaesarachoides* Makino, Bot. Mag. Tokyo 22: 34-36, 1908  
JAPAN: Kumamoto Pref., Mt. Fukaba, Aso-machi, Aso-gun, *T. Makino*, Aug. 1907, TYPE COLLECTION MATERIAL
- Physalis cuneata* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 118-119. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 1482* (1898-1901), ? ISOTYPE
- Physalis virginiana* Mill. var. *hispida* Waterfall, Rhod. 60: 154- 156. 1958  
U.S.A.: Wyoming, Platte Co., 10 miles S of Guernsey, *C.L. Porter 4894*, 16 June 1949, PARATYPE
- Physaria acutifolia* Rydb., Bull. Torr. Bot. Club 18: 279. 1901  
U.S.A.: Colorado, Mesa Co., 3 mi. S of Fruita, *Shushan & Weber 9039*, 12 May 1955, TOPOTYPE
- Physaria bellii* Mulligan, Can. J. Bot. 44: 1662. 1966  
U.S.A.: Colorado, Boulder Co., 4/ mi. N of Boulder, *Mulligan & Crompton 2898*, 24 Aug. 1964, HOLOTYPE
- Physaria condensata* Rollins, Rhod. 41: 407. 1939  
U.S.A.: Wyoming, Uinta Co., 3 mi. W of Fort Bridger, *R.C. Rollins 2385*, 24 June 1938, ISOTYPE
- Physaria didymocarpa* (Hook.) Gray var. *integrifolia* Rollins, Rhod. 41: 403. 1939  
U.S.A.: Wyoming, Lincoln Co., [1/2] mi. E of Afton, *Mulligan & Crompton 3088*, 10 July 1965, TOPOTYPE
- Physaria floribunda* Rydb., Bull. Torr. Bot. Club 18: 279. 1901  
U.S.A.: Colorado, Costilla Co., 8/ mi. NE of Fort Garland, *Mulligan & Crompton 3063*, 5 July 1965, TOPOTYPE
- Physaria geyeri* (Hook.) Gray var. *purpurea* Rollins, Rhod. 41: 401. 1939  
U.S.A.: Idaho, Custer Co., 1 mile east of Bonanza, *Mosquin & Gillett 5445*, 4 Aug. 1963, TOPOTYPE
- Physaria obcordata* Rollins, J. Arn. Arb. 64: 495. 1983

U.S.A.: Colorado, Rio Blanco Co., T2S, R97W, *Rollins & 8390*, 20 June 1983, TOPOTYPE

*Physaria rollinsii* Mulligan, Can. J. Bot. 44: 1663-1664. 1966

U.S.A.: Colorado, Gunnison Co., 4 mi. NW of Doyleville, *Mulligan & Crompton 2880*, 21 Aug. 1964, HOLOTYPE

*Physaria saximontana* Rollins, Contr. Gray Herb. 214: 13. 1984

U.S.A.: Wyoming, Fremont Co., Lander, *Rollins & Rollins 81374*, 20 June 1981, ISOTYPE

*Physaria vitulifera* Rydb., Bull. Torr. Bot. Club 28: 278. 1901

U.S.A.: Colorado, Clear Co., Idaho Springs, *Mulligan & Crompton 2850*, 18 Aug. 1964, TOPOTYPE

*Physostegia granulosa* Fassett, Rhod. 41: 377. 1939

CANADA: Quebec, tidal flat of St. Lawrence estuary above Quebec Bridge [Cap Rouge], *W.G. Dore 47-967*, 31 Aug. 1957, TOPOTYPE

*Physostegia virginiana* (L.) Benth. var. *ledinghamii* Boivin (*P. ledinghamii* (Boivin) Cantino)

CANADA: Mackenzie, Salt River, 60 06'N 112 15'W, *Cody & Loan 4483*, 16 July 1950 PARATYPE; same locality, *Cody & Loan 4596*, 20 July 1950, PARATYPE; same locality, *C.C. Loan 137*, 7 Aug. 1950, PARATYPE; Manitoba, Carrot River District, north of The Pas, *C. Frankton 1220*, 19 Aug. 1950, PARATYPE; 10 miles SW of Winnipeg, *W.G. Dore 12746*, 20 Aug. 1950, PARATYPE; Saskatchewan, Battleford, *G.F. Ledingham 47-125*, 2 Aug. 1947, PARATYPE; Reserve, Pas Lumber Co. Camp, *J.S. Rowe 239*, 17 July 1949, PARATYPE; Tisdale, along the Doghide River, *A.J. Breitung 1790*, 15 Aug. 1943, PARATYPE; Tantallon, *D.R. Robinson S-4608*, 23 July 1946, PARATYPE; 1½ miles south of Eldersly along Miner's Creek, *A.J. Breitung 685*, 21 July 1940, PARATYPE; North Battleford, flats of North Saskatchewan River, *Boivin & Breitung 6782*, 2 Aug. 1949, PARATYPE; Beauvel, 150 miles north of Meadow Lake, *A.J. Breitung 8371*, 14 Aug. 1949, PARATYPE; Meadow Lake, *A.J. Breitung 8331*, 12 Aug. 1949, PARATYPE; south of North Battleford, *C. Frankton 945*, 17 July 1949, PARATYPE; Payton Crossing, *Frankton & Bibbey 384*, 14 July 1974, PARATYPE; Langham, *W.P. Fraser s.n.*, 23 Aug. 1937, PARATYPE; Burgis, *Sallans & Russell S-1177*, 1 July 1943, PARATYPE; Yorkton, *C. Shaw 155*, 26 July 1946; Alberta, 12 miles northeast of Fort Saskatchewan, *G.H. Turner 3211*, 22 Aug. 1942, PARATYPE; Fort Saskatchewan, *G.H. Turner 32*, 3 Aug. 1938, PARATYPE

*Physostegia virginiana* (L.) Benth. var. *arenaria* Shimek, Bull. Lab. Nat. Hist. Iowa St. Univ. 6(2): 223. 1911

U.S.A.: Iowa, near Fruitland, *B. Shimek*, 25 Sept. 1909, LECTOTYPE

*Physostegia virginiana* (L.) Benth. var. *elongata* Boivin, Nat. can. 93: 573. 1966

CANADA: Quebec, Ile Perrot, *Marie-Victorin & Rolland-Germain 29005*, 1 Sept. 1927, HOLOTYPE

*Physostegia virginianum* (L.) Benth. var. *ledinghamii* Boivin, Nat. can. 93: 574. 1966

CANADA: Saskatchewan, platière de la Saskatchewan du Sud, *Boivin & Alex 9978*, 28 juillet 1952, HOLOTYPE

*Physostegia virginiana* (L.) Benth. var. *reducta* Boivin, Nat. can. 93: 572-573. 1966  
U.S.A.: Indiana, Cass Co., Lake Cicott, *R.C. Friesner 10132*, 26 Sept. 1936, HOLOTYPE

*Phyteuma vagneri* A. Kern., Sched. Fl. Austr.-Hung. 3: 107. 1884  
HUNGARY: Marmaros, in graminosis alpinis montis Blisnicza prope Korosmezo, *Vagner* (Fl. Ex. Aust.-Hung. 964), ISOTYPE

*Pieris taiwanensis* Hayata, Jour. Coll. Sc. Tokyo 30, Art. 1, 169. 1911  
TAIWAN: Mt. Morrison, *T.S. Liu*, 23 Aug. 1949, TOPOTYPE

*Pilea apiculata* Killip, Contr. U.S. Nat. Herb. 26: 390. 1936  
COLUMBIA: Santa Marta, *H.H. Smith 1430*, 1898-1901, ? ISOTYPE

*Pilosella officinarum-auricula* Schulz, Flora 1862 p. 425, 432  
GERMANY: entre Bergzabern et Candel, *F. Schultz*, (Herb. norm. 700), 15 June 1861, ? ISOTYPE

*Pilosella villarsii* F. Schultz, Flora 424. 1862  
AUSTRIA: bords du Rhin entre Woerth et Rheinzabern, *P. Müller & F. Schultz* (F. Schultz herb. norm 701, 22 mai 1862, TOPOTYPE

*Pilostyles thurberi* Gray, Mem. Am. Acad. N.S. 5: 326. 1855  
U.S.A.: Arizona, Yuma Co., near Dome, *R.H. Peebles 6794*, 12 Apr. 1930, TOPOTYPE

*Pimelea flava* R. Brown, Prodr. 361. 1810  
AUSTRALIA: Port Dalrymple, *R. Brown*, 1802-5, TYPE COLLECTION MATERIAL

*Pimelea glauca* R. Brown, Prodr. 360. 1810  
AUSTRALIA: River Nepean, *R. Brown*, 1802-5, TYPE COLLECTION MATERIAL

*Pimelea octophylla* R. Brown, Prodr. 361. 1810  
AUSTRALIA: Port Philip, *R. Brown*, 1802-5, TYPE COLLECTION MATERIAL

*Pimpinella buchii* Webb & Berth., Phyt. Canar. 2: 151  
CANARY ISLANDS: Nivaria, supra Aguamansa, *E.R. Sventenius 154*, 21 June 1949, TOPOTYPE

*Pimpenella dendroselinum* Webb & Berth., Phyt. Canar. 2: 152  
CANARY ISLANDS: Nivaria, Las Canadas, *E.R. Sventenius 56*, 28 Apr. 1954, TOPOTYPE

*Pinus arizonica* Engelm., Rothr., Wheeler, U.S. Geogr. Surv. West 100th Meridian Rep. 6: 260.



1878

U.S.A.: Arizona, Chiricahua Mts., *J.C. Blumer 1328*, 20 Oct. 1906, TOPOTYPE

*Pinus attenuradiata* Stockwell & Righter, Madrono 8: 160. 1946

U.S.A.: California, Eldorado Co., Placerville, Eddy Arboretum (cult.), *Stockwell & Kimbrough 2012*, 21 Aug. 1945, ISOTYPE (2 SHEETS)

*Pinus canariensis* C. Sm., Buch, Beschr. Canar. Ins. 159

CANARY ISLANDS: Tenerife in vicin. pag. Santa Ursula, *E. Asplund 111*, 6 Mar. 1933, TOPOTYPE

*Pinus divaricata* Dumont var. *×musci* Boivin, Nat. can. 93: 272-273. 1966

CANADA: Alberta, Graminia, southwest of Edmonton, *E.H. Moss 8719*, 16 Oct. 1948, HOLOTYPE

*Pinus nigricans* Host, Fl. Austr. 2: 628. 1831

AUSTRIA INFERIOR: Modling, *F.A. Tscherning*, May 1889, TOPOTYPE

*Pinus pringlei* Shaw, Sargent, Trees and Shrubs 1: 211 pl. 100. 1906

MEXICO: Uruapan, *C.G. Pringle 10019*, 14 Oct. 1904, ISOTYPE

*Pinus washoensis* Mason & Stockwell, Madrono 8: 62. 1945

U.S.A.: Nevada, Washoe Co., Mount Rose, Sierra Nevada, *Stockwell & Cumming 1455*, 18 July 1939, PARATYPE and TOPOTYPE

*Piper pitalitoense* Yuncker, Piperac. No. South Amer. 309. 1950

COLOMBIA: Huila, Pitalito, Quinche, *Schultes & Villarreal 5101*, 30 Dec. 1942, ISOTYPE

*Piper puberulibracteum* C.DC., Ann. Conserv. & Jard. Bot. Genève 21: 232. 1920

COLOMBIA: Santa Marta, *H.H. Smith 1237*, 1898-1901, ? ISOTYPE

*Piper salinasanum* C.DC. var. *parvifolium* C.DC., Ann. Conserv. & Jard. Bot. Genève 21: 234. 1920

COLOMBIA: Santa Marta, *H.H. Smith 1223*, 1898-1901, ? ISOTYPE

*Piper santa-martanum* C. DC., Ann. Conserv. & Jard. Bot. Genève 21: 231. 1920

COLOMBIA: Santa Marta, *H.H. Smith 1230*, 1898-1901, ? ISOTYPE

*Piper scutilimum* C.DC., Ann. Conserv. & Jard. Bot. Genève 21: 242. 1920

COLOMBIA: Santa Marta, *H.H. Smith 1235*, 1898-1901, ? ISOTYPE

*Piper villibracteum* C.DC., Ann. Conserv. 7 Jard. Bot. Genève 21: 233. 1920

COLOMBIA: Santa Marta, *H.H. Smith 384*, 1898-1901, ? ISOTYPE

*Piptocarpa gracilis* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 146-147. 1920

COLOMBIA: Santa Marta, *H.H. Smith 1982* (1898-1901), ? ISOTYPE

*Pithecellobium pittieri* Britton & Killip, Ann. New York Acad. Sci. 35: 148. 1936

COLOMBIA: Santa Marta, *H.H. Smith 28a*, 1898-1901, ? ISOTYPE

*Pityrogramma ornithopteris* (Kl.) Domin var. *sanctae-marthae* Domin, Lilloa 2: 34. 1938

COLOMBIA: Santa Marta, *H.H. Smith 1061*, 1898-1902, ? ISOTYPE

*Plantago arborescens* Poir., Encyc. 5: 389. 1804

CANARY ISLANDS: Tenerife, Valle de Orotava, *E. Asplund 279*, 13 Mar. 1933, TOPOTYPE

*Plantago elongata* Pursh ssp. *pentasperma* Bassett, Can. J. Bot. 44: 470-471. 1966

U.S.A.: California, Alameda Co., West end of Depot Road, 1.5 miles northwest of Mt. Eden Railroad Station, *Chisaki et al. 1321*, 30 Apr. 1959, ISOTYPE

*Plantago lanceolata* L. f. *longigynia* Hylander, Publication unknown

SWEDEN: Karlskrona, *Hj. Hylander*, 11 June 1948, ? TYPE COLLECTION MATERIAL

*Plantago notata* Lag. Gen. & Sp. Nov. 7

SPAIN: Baetica, inter Cuevas et Pulpi, Almeria, *C. Pau*, 15 May 1921, TOPOTYPE

*Plantago subulata* L. var. *granatensis* Wk., Publication unknown

SPAIN: Regno Granatensi, Sierra Nevada Vacarres, *P. Font i Quer*, Aug. 1923, ? TYPE COLLECTION MATERIAL

*Plantago webbii* Barn., Monog. Plantag. 50

CANARY ISLANDS: Nivaria, Las Canadas, *E.R. Sventenius 75*, 24 Apr. 1944, TOPOTYPE

*Platanthra x reznicekii* Catling, Brownell & Allen, Luidleyana 14(2): 81. 1999

CANADA: Ontario, Simcoe Co., Vespra Twp. Minesing Swamp, 44 22'37"N 79 51'05"W, Allen, Catling & Brownell s.n., 22 July 1997, HOLOTYPE

*Plathera xhollandiae* Catling & Brownell, Can. J. Bot. 77: 1147. 1999

CANADA: Ontario, York Co., North Gwillimbury Twp., SE of Gilford on E side of Holland River, Catling & Brownell s.n., 23 July 1997, HOLOTYPE

*Platydesma campanulatum* Mann., Proc. Boston Soc. Nat. Hist. 10: 317. 1866

HAWAIIAN ISLANDS: Oahu, *Degener & Carrol 20544*, 26 Feb. 1950, TOPOTYPE

*Pleuropogon sabinei* R.Br., Chlor. Melv. 31. 1823

CANADA: District of Franklin, Melville Island, *G. Parker 37A*, 26 July 1974, TOPOTYPE

*Pleurothallis schistopetala* Schltr., Repert. Spec. Nov. Regni Veg. Beih. 7: 113. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 2482*, 1898-1901, ? ISOTYPE

*Plocama pendula* Ait., Hort. Kew. Ed. 1, 1: 392  
CANARY ISLANDS: Tenerife, in vicin. opp. Güimar, Puerto de Güimar, *E. Asplund 448*, 20  
Mar. 1933, TOPOTYPE

*Pluchea foetida* (L.) DC. var. *imbricata* Kearney, Bull. Torrey Bot. Cl. 21: 483. 1894  
U.S.A.: Florida, Lake Co., Eustis, *G.V. Nash 1434*, 16-31 July 1894, TYPE COLLECTION  
MATERIAL

*Pluchea longifolia* Nash, Bull. Torrey Bot. Cl. 23: 108. 1896  
U.S.A.: Florida, Brevard Co., Titusville, *G.V. Nash 2293*, 30 July-1 Aug. 1895, ISOTYPE

*Pluchea purpurascens* (Sw.) DC. var. *succulenta* Fernald, Rhod. 44: 27. 1942  
U.S.A.: Massachusetts, Martha's Vineyard, *M.L. Fernald*, (Pl. Ex. Gray 70), 11 Sept. 1901,  
probable PARATYPE

*Poa abbreviata* R.Br., Chlor. Melv. 29. 1823  
CANADA: District of Franklin, Melville Island, *Mosquin & Martin 6403*, 19 July 1965,  
TOPOTYPE

*Poa agassizensis* Boivin & Löve  
CANADA: Mackenzie, south of Fort Smith, *Cody & Loan 4135*, 2 July 1950, PARATYPE; Fort  
Providence, *Cody & Matte 8565*, 4 July 1955, PARATYPE; Fort Providence, *Cody & Matte 8530*,  
4 July 1955, PARATYPE; New Brunswick: steep slope of Zachie Johan Mt., *Dore & Gorham 45-*  
*201*, 19 June 1945, PARATYPE; Quebec: Bristol, *H. Groh s.n.*, 7 July 1938, PARATYPE; Ontario:  
Merivale, *W.G. Dore 326*, 18 Sept. 1936, PARATYPE; Ingolf, *W.N. Denike 62*, 20 June 1940,  
PARATYPE; Cushing Island, Ottawa River, 2 miles northwest of Pembroke, *W.H. Mnishall 2119*,  
9 June 1941, PARATYPE; Stormont County, Ault Park, Sheek Island in St. Lawrence River, *Dore*  
*& Cody 15086*, 17 June 1954, PARATYPE; Thunder Bay District, 5 miles west of Fort William,  
*D. Lindsay 1223*, 13 June 1957, PARATYPE; Manitoba: Brandon, *M.O. Matte s.n.*, 28 June 1918,  
PARATYPE; East Brandon, *G. Stevenson 830*, 14 June 1953, PARATYPE; Brandon, *G. Stevenson*  
*162*, 28 June 1950, PARATYPE; Brandon, *G. Stevenson 163*, 16 June 1950, PARATYPE; Brandon,  
*G. Stevenson 300*, 16 June 1950, PARATYPE; Virden, *Boivin & Alex 9288*, 13 juin 1952,  
PARATYPE; 3 miles west of Camp Shilo, *Boivin et al. 9225*, 9 June 1952, PARATYPE; dunes à  
ouest de Saint-Claude, *Boivin & Alex 9258*, 12 juin 1952, PARATYPE; dunes à est de Saint-Claude,  
*Boivin & Alex 9263*, 12 juin 1952, PARATYPE; 1 mile east of Carman, *Boivin et al. 9180*, 7 June  
1952, PARATYPE; Riding Mountain National Park, *J.S. Rowe 149*, 11 July 1948, PARATYPE;  
Riding Mountain National Park, *J.S. Rowe 156*, 20 June 1948, PARATYPE; Riding Mountain  
National Park, *J.S. Rowe 153*, 10 Aug. 1948, PARATYPE; 3 milles au nord-est de Saint-Lazare,  
*Boivin & Alex 9299*, 14 juin 1952, PARATYPE; 2 miles east of Woodside, *Löve & Löve 5693*, 28  
July 1952, PARATYPE; Delta, *Löve & Löve 5848*, 2 July 1953, PARATYPE; District de  
Provencher, Otterburne, *Boivin & Bernard 10284*, 11 juillet 1954, PARATYPE; 20 miles west of

Boissevain, *W.G. Dore 10990*, 23 June 1950, PARATYPE; 5 miles south of Melita, *W.G. Dore 11007*, 23 June 1950, PARATYPE; District of Springfield, 4 milles à l'ouest de Brokenhead, 24 juin 1955, PARATYPE; North Kildonan, *W.N. Denike 63*, 2 June 1940, PARATYPE; Saskatchewan: Beaver Lake, *G.F. Ledingham 48-338*, 30 June 1948, PARATYPE; Cairnduff, *R.T. Coupland 23*, 11 June 1953, PARATYPE; 1 mile east of Hoosier, *L. Jenkins 27*, 29 July 1945, PARATYPE; District of Mackenzie, Hudson Bay Junction, *Boivin & Mosquin 10870*, PARATYPE; Antelope, *W.G. Dore 11570*, 14 July 1950, PARATYPE; Como Park, north of Indian Head, *Dore & Boivin 13080*, 4 July 1951, PARATYPE; Indian Head, *Sallans & Ledingham S1002*, 23 June 1939, PARATYPE; Rosthern District, St. Laurent, *R.C. Russell S52334*, PARATYPE; Saskatoon District, Saskatoon, *J.H. Hudson 711*, 15 June 1951, PARATYPE; Swift Current District, Swift Current, *Boivin & Alex 9374*, 18 juin 1952, PARATYPE; Yorkton District, Copeland, *Russell & Russell 4812*, 18 July 1948, PARATYPE; Alberta: Ft. McMurray, *Cody & Gutteridge 7251A*, 9 July 1953, PARATYPE; Beaverlodge, *L. Jenkins 198*, 29 June 1947, PARATYPE; Peace River, *H. Groh s.n.*, 12 Sept. 1934, PARATYPE; 2 miles east of Lac la Biche, *Cody & Gutteridge 6943*, PARATYPE; British Columbia: Tranquille Range, Kamloops, *E.W. Tisdale 40-31*, July 1937, PARATYPE U.S.A.: Colorado, Las Animas County, along Chacusco Creek, eight miles southwest of Tobe, *C.M. Rogers 5758*, 19 May 1948, PARATYPE; Greene County, 1½ miles south of Paton, *B. Shimek s.n.*, 27 May 1924, PARATYPE; Kansas, Lawrence County, Kansas University Campus, *W.H. Horr E12*, 12 May 1934, PARATYPE; Nevada, Esmeralda County, Chiatovich Creek, *V. Duran 2763*, 20 June 1930, PARATYPE; New Mexico, Sandoval County, Espiritu, Los Bancos Hill, *D. Mahaffey 58*, 30 May 1937, PARATYPE; Wisconsin, sand prairie near Indian River Mission, 6 miles northeast of B.R. Falls, *D.F. Grether 5133*, 11 June 1947, PARATYPE

*Poa agassizensis* Löve & Boivin, *Nat. can.* 87: 176. 1960  
CANADA: Manitoba, Brunkild, *Boivin et al. 9167*, 6 June 1952, HOLOTYPE

*Poa alpina* L. var. *rupicaprina* Domin, *Fl. Cechoslovenica ex.* 364  
CZECHOSLOVAKIA: montes Bielské Tatry, *Domin & Krajina*, 14 July 1929, ISOTYPE

*Poa arctica* R.Br., *Chlor. Melv.* 30. 1823  
CANADA: District of Franklin, Melville Island, *G. Parker 61a*, 5 Aug. 1974, TOPOTYPE

*Poa arctica* R.Br. var. *microglumis* Nannf., *Symb. Bot. Uppsala* 4: 77-78. 1940  
SWEDEN: Torne Lappmark, above the brook Kappasjokk, *J. Ax. Nannfeldt*, 31 July 1928, ISOTYPE

*Poa eyerdamii* Hultén, *Fl. Alaska and Yukon* 2: 206-208. 1942  
U.S.A.: Alaska, Kodiak, Sitkalidak Isl., Port Hobron, *W.J. Eyerdam 18*, 27 July 1931, ISOTYPE

*Poa fageturnum* P. Smirnow, *Bull. Soc. Nat. Moscow* 58: 57. 1953  
U.S.S.R.: Tauria merid., montes Karabi--jajla, *P. Smirnow* (*Herb. Gram. Sel. U.R.S.S. Cur. Mosq. Ed. 19*), 7 June 1953, TOPOTYPE

*Poa fernaldiana* Nannf., *Symb. Bot. Upsal.* 5: 50. 1935

U.S.A.: New Hampshire, Mt. Washington, Williams & Robinson (Pl. exs. Grayenae No. 123), 24 July 1903, ISOTYPE

*Poa howellii* Vasey & Scribn. var. *chandleri* Davy, Univ. Calif. Pub. Bot. 1: 60. 1902  
U.S.A.: California, Siskiyou Co., near Marble Mountain, *H.P. Chandler 1703*, June 1901, ISOTYPE

*Poa maroccana* Nannf., Sv. Bot. Tidskr. 32: 296. 1938  
MOROCCO: Taza, *Nannfeldt* (cult. at Uppsala, Sweden from seed of Samuelsson 7256), May 1938, 2 June 1937, 6 July 1938, HORTOTYPE

*Poa montevansi* Kelso, Biol. Leaflet 29: 2. 1945  
U.S.A.: Colorado, Mt. Evans, *L. & E.H. Kelso 427*, 23 Aug. 1934, ISOTYPE

*Poa nemoralis* L. var. *reichenbachiana* Asch. & Gr. f. *biflora* Litwinow, Herb. Fl. U.R.S.S. 2827  
U.S.S.R.: Prov. Leningrad, Sostrotretsk, *D. Litwinow*, ISOTYPE

*Poa norbergii* Hultén, Fl. Alaska and Yukon 2: 218. 1941  
U.S.A.: Alaska, Chichagof Island, Hoonah, *I.L. Norberg 232*, 26 July 1932, ISOTYPE

*Poa porsildii* Gjaerevoll, Kgl. Nov. Vidensk. Selsk. Forh. 29(6): 72-74. 1956  
CANADA: District of Mackenzie, Mile 216 Canol Road near the Yukon border. *W.J. Cody 19958*, 12 July 1971, TOPOTYPE

*Poa pratensis* L. ssp. *ratezatensis* Nyar., Bull. Grad. Muz. Bot. Cluj 8: 102. 1928  
ROUMANIA: Transsilvania, distr. Hunedoara, Mts. Ratezat, *E.I. Nyarady* (Fl. Rom. ex. 728), 6 Aug. 1928, ISOTYPE

*Poa skvortzovii* Probat., Hoboctn cinct. Bbicii. Pact. 10: 72. 1973  
U.S.S.R.: Prov. Primorje, in vicin. Urb. Vladivostok, prope pag. Okeanskaja, *N. Probatova*, Akad. Hayk CCCP 5813, 20 June 1968, TYPE COLLECTION MATERIAL

*Poa violacea* Bellardi f. *submutica* Domin, Fl. Cechslovenica ex. 231  
CZECHOSLOVAKIA: Rossia Subcarpatica, Todiaska, *M. Deyl*, 28 July 1931, ISOTYPE

*Podanthum psaridis* Heldr., Publication unknown  
GREECE: Laconia, in reg. alp. M. Taygeti, *H. Zahn*, 2 July 1899, ? TYPE COLLECTION MATERIAL

*Podospermum jacquinianum* Koch, Syn. ed. I, 425. 1837  
AUSTRIA: in graminosis agri Vindobonensis, *Woloszczak*, (Fl. ex Aust.-Hung. 653), TOPOTYPE

*Polemonium boreale* Adams forma *albiflorum* Cody, Can. Field-Nat. 117:

CANADA: Mackenzie, Horton River, 69 42'N 126 56'W, *G.W. Scotter 10101b*, 6 July 1995, HOLOTYPE; Herschel Island, 69 30'N 139 15'W, *C.E. Kennedy 262*, 16 July 1985, PARATYPE

*Polemonium boreale* Adams f. *albiflorum* Cody, Can. Field. Nat.

CANADA: District of Mackenzie, Horton River, 69 42'N 126 56'W, *G.W. Scotter 101016b*, 6 July 1995, HOLOTYPE

*Polemonium eximium* Greene, Pittonia 3: 305. 1898

U.S.A.: California, Tuolumne Co., Mount Conness, *D.D. Keck 4397*, 18 Aug. 1936, TOPOTYPE

*Polemonium pulcherrimum* Hook. f. *candidum* Boivin, Nat. can. 93: 1062. 1966

CANADA: British Columbia, Surprise Lake below Idaho Peak east of Atlin, *Calder & Gillett 25193*, 9 June 1960, HOLOTYPE

*Polycline proteiformis* Humbert, Composées Madag. (Mem. Soc. Lin. Normand 25) 103, 298. 1923

MADAGASCAR: entre Behara et Tranomaro, *M.R. Decary 9894*, 8-6- 1932, TOPOTYPE

*Polygala amara* L., Syst. Nat. ed. 10: 1154. 1759

AUSTRIA: in monte Geissberg ad Perchtoldsdorf, *Pernhoffer* (Fl. ex. Austro.-Hung. 511), TOPOTYPE

*Polygala amarella* Crantz, Stirp. Austr. fasc. 5: 438. 1769

AUSTRIA: in luco Prater ad Vindobonam, (Fl. ex. Austr.-Hung. 512), TOPOTYPE

*Polygala austriaca* Crantz, Stirp. Austr. fasc. 5: 439. 1769

AUSTRIA: prope Neostadium (Wiener Neustadt), *J. Kerner*, (Fl. ex. Austr.-Hung. 513), TOPOTYPE

*Polygala carniolica* A. Kern., Sched. Fl. Exsicc. Austro-Hung. 3: 64

AUSTRIA: Carniolia, prope Praewald, *Stapf*, ISOTYPE

*Polygala cumulicola* Small, Bull. Torrey Bot. Club 51: 381-382. 1924

U.S.A.: Florida, Dade Co., Sand-Dunes opposite Miami, *Small & Small 6939*, 9 July 1915, PARATYPE

*Polygala flabellata* Shuttl., Pl. Wright. 1: 41. 1850

U.S.A.: Florida, Key West, *Rugel 37*, Feb. 1846, ISOTYPE

*Polygala leptostachys* Shuttl., Pl. Wright. 1: 41. 1850

U.S.A.: Florida, Aspalaga, *Rugel*, July 1843, ISOTYPE

*Polygala puberula* Gray, Pl. Wright. 1: 40. 1850

U.S.A.: New Mexico, *G. Thurber*, 1851, ? TYPE COLLECTION MATERIAL

*Polygala rugelii* Shuttelworth ex A. Gray, Pl. Wright 1: 41. 1852  
U.S.A.: Florida, Manate, *Rugel*, June 1845, ISOTYPE

*Polygala smithii* S.F. Blake, Bull. Torrey Bot. Club 51: 84. 1924  
COLOMBIA: Santa Marta *H.H. Smith 1309*, 1898-1901, ? ISOTYPE

*Polygala speciosum* Kern. ex Marches., Boll. Sc. Adr. Sc. Nat. 4: 19. 1879 (estratto)  
ITALY: Tirolia australis, Val vestino, *P. Porta*, May 1904 (Fl. Ital. ex. 920), TOPOTYPE

*Polygala subsecunda* S.F. Blake, Bull. Torrey Bot. Club 51: 87. 1924  
COLOMBIA: Santa Marta, *H.H. Smith 575*, 1898-1901, ? ISOTYPE

*Polygala vulgaris* L. var. *turfosa* Celak sou-var. *coerulea* Gavelle, Publication unknown  
EUROPE: Bavière, entre Eurasburg et Berg, *Freiberg*, 7 juin 1961, ? TYPE COLLECTION MATERIAL

*Polygonella macrophylla* Small, Bull. Torrey Bot. Club 23: 407-408. 1896  
U.S.A.: Florida, *Chapman* Herbarium, TYPE COLLECTION MATERIAL

*Polygonella meisneriana* Shuttl., Meisner in DC. Prodr. 14: 81. 1856  
U.S.A.: Alabama, ad Blackwarrior Creek, dit. Blount Cy., *Rugel*, Sept. 1843, ISOTYPE

*Polygonum amgense* V. Mich. & V. Perf., Novitates Syst. Pl. Vasc. 1968: 99. 1968  
RUSSIA: Jacutia in vic. p. Bujaga ad fl. Amga, *V. Michaleva* (Pl. ex. USSR 4971), 20 July 1963, TOPOTYPE

*Polygonum auriculatum* Makino, Bot. Mag. Tokyo 17: 117-118. 1903  
JAPAN: Prov. Tosa, Asakura, *T. Makino*, 15 Oct. 1892, TYPE COLLECTION MATERIAL

*Polygonum aviculare* L. var. *condensatum* Becker f. *parvifolium* Nyardy, Bull. Mus. Grad. Bot. Cluj 27: 107. 1947  
ROMANIA: Distr. Timis-Torontal, Banatus, *G. Bujorean* (Fl. Rom. Ex. 2827), 15 July 1942, ? TYPE COLLECTION MATERIAL

*Polygonum aviculare* L. var. *condensatum* Becker f. *viarum* Nyar., Kol. Fl. 173 (1941-44); Bul. Gr. Bot. Cluj 27: 106. 1947  
ROMANIA: Distr. Timis-Torontal, Timisoara, *G. Bujorean* (Fl. Rom. Ex. 2826), 2 July 1942, ISOTYPE

*Polygonum breviochreatum* Makino, Bot. Mag. Tokyo 17: 117. 1903  
JAPAN: Prov. Tosa, Idzuma, *T. Makino*, 17 Oct. 1892, TYPE COLLECTION MATERIAL

*Polygonum buxiforme* Sml. f. *montanum* Brenckle, Phytologia 3: 363. 1950  
U.S.A.: Utah, Salt Lake Co., Salt Lake City, *Cottam & Brenckle* (Brenckle, Avicularia ex. Fasc.

2, No 38), 17 Aug. 1941, TYPE COLLECTION MATERIAL

*Polygonum caurianum* Robins. ssp. *hudsonianum* Wolf & McNeill, Rhod. 88: 469-470. 1986  
CANADA: Québec, Fort George, *E. Lepage 12863*, 30 août 1950, HOLOTYPE

*Polygonum conspicuum* Nakai f. *albiflorum* Hiyama, Publication unknown  
JAPAN: Prov. Sagami Hondo, Uruga, Yokosuka, *T. Makino*, 1916, ? TYPE COLLECTION MATERIAL

*Polygonum cuspidatum* Sieb. & Zucc. f. *coloratum* (Makino) Hiyama, Publication unknown  
JAPAN: Prov. Musai, Hondo, Tokyo, Koishikawa Botanical Garden, *T. Makino*, 4 June 1908, ? TYPE COLLECTION MATERIAL

*Polygonum cuspidatum* Sieb. & Zucc. f. *hastatum* Hiyama, Publication unknown  
JAPAN: Prov. Kii, Hondo, Mt. Koya, Ito-gun, *T. Makino*, 29 June 1930, ? TYPE COLLECTION MATERIAL

*Polygonum filiforme* Thunb. f. *trichorachid* Hiyama, Publication unknown  
JAPAN: Prov. Musasi, Hondo, Shibuya, Tokyo, *T. Makino*, 11 Oct. 1922, ? TYPE COLLECTION MATERIAL

*Polygonum foliosum* Lindb. f., Meddel. Soc. p. Faun. et Fl. Fennica 27: 3. 1900  
FINLAND: Nylandia, Borga, *H. Lindberg*, 1 Oct. 1901, TOPOTYPE

*Polygonum foliosum* H. Lindb. var. *nikaii* (Makino) Hiyama, Publication unknown  
JAPAN: Prov. Ise, Hondo, *T. Makino*, 1924, ? TYPE COLLECTION MATERIAL

*Polygonum foliosum* H. Lindb. var. *paludicola* (Makino) Hiyama, Publication unknown  
JAPAN: Prov. Musasi, Hondo, Mitsuzawa, Yokohama, *T. Makino*, 24 Sept. 1911, ? TYPE COLLECTION MATERIAL

*Polygonum franktonii* Wolf & McNeill, Rhod. 88: 474. 1986  
CANADA: Nova Scotia, Digby Co., St. Bernard to New Edinburg, *J. McNeill 5172*, 2 Sept. 1976, HOLOTYPE

*Polygonum heterosepalum* Peck & Ownbey, Madrono 10: 250-251. 1950  
U.S.A.: Oregon, Malheur Co., 12 mi. N of Jordan Valley, *Ownbey & Ownbey 2744*, 13 June 1946, ISOTYPE

*Polygonum hydropiper* L. var. *fastigiatum* Makino, Publication unknown  
JAPAN: Prov. Musasi, Hondo, Tokyo (cult.), *T. Makino*, 18 Sept. 1903, ? TYPE COLLECTION MATERIAL

*Polygonum hydropiper* L. var. *laetevirens* Makino, Publication unknown



JAPAN: Prov. Tango, Hondo, *T. Makino*, 1931, ? TYPE COLLECTION MATERIAL

*Polygonum hydropiper* L. var. *purpurascens* Makino, Publication unknown  
JAPAN: Tokyo Pref., Oizumi-machi, Nerima-ku, *T. Makino*, 19 Sept. 1932, ? TYPE  
COLLECTION MATERIAL

*Polygonum hydropiperoides* Michx. × *P. robustius* Fernald, *Rhod.* 24: 173-174. 1922  
CANADA: Nova Scotia, Annapolis Co., Lamb's Lake, *Fernald & Long* (Pl. ex. Gray 450), 29  
Aug. 1921, ISOTYPE

*Polygonum insulare* Maximova, Pl. ex. CCCP 6076. 1982  
U.S.S.R.: Jacutia, insulae Ursinae maris Sibirici Orientalis, insula Krestovskjii, *M. Maximova*, 17  
July 1971, ISOTYPE

*Polygonum interior* Brenckle, *Phytologia* 2: 403. 1948  
U.S.A.: South Dakota, Malette, *J.F. Brenckle* (fasc 1 No. 2), 3 Sept. 1942; fasc. 2 No. 3), 10 Oct.  
1946; (fasc. 1 No. 1 7 June 1942, TYPE COLLECTION MATERIAL

*Polygonum interior* Brenckle var. *turneri* Brenckle, *Phytologia* 2: 403-404. 1948  
CANADA: Alberta, Fort Saskatchewan, *G.H. Turner*, Sept. 1943 Brenckle fasc. 1, No. 4), TYPE  
COLLECTION MATERIAL

*Polygonum marinense* Martens & Raven, *Madrono* 18: 87. 1965  
U.S.A.: California, Marin Co., head of Drake's Estero, Point Reyes Peninsula, *P.A. Raven* 16568,  
22 Aug. 1961, ISOTYPE

*Polygonum paronychia* C. & S., *Linnaea* 3: 51. 1828  
U.S.A.: California, San Francisco, *L.S. Rose* 56094, 15 June 1956, TOPTOYPE

*Polygonum pensylvanicum* L. var. *laevigatum* Fernald, *Rhod.* 19: 73. 1917  
U.S.A.: Maine, Orono, *M.L. Fernald* (Pl. ex. Gray 201), 27 Aug. 1908, SYNTYPE

*Polygonum persicaria* L. var. *hirticaule* Hiyama, Publication unknown  
JAPAN: Prov. Shinano, Honshu, Karuizawa-machi, *T. Makino*, 1928, ? TYPE COLLECTION  
MATERIAL

*Polygonum persicaria* L. var. *pubescens* Makino, Publication unknown  
JAPAN: Prov. Mutsu, Honshu, Mt. Osorezan, Shimokita-gun, *T. Makino*, 1928, ? TYPE  
COLLECTION MATERIAL

*Polygonum polygaloides* Meisn. var. *montanum* Brenckle, *Phytologia* 3: 364. 1950  
U.S.A.: Idaho, Idaho Co., White Bird Summit, *R.J. Davis* (Brenckle Fasc. 2, 46), 14 June 1941,  
ISOTYPE

*Polygonum prolificum* (Small) Robinson var. *profusum* Brenckle, Brenckle, Phytologia 2: 404. 1948

U.S.A.: South Dakota, Mellette, *J.F. Brneckle* (fasc. 1, No. 11), 3 Sept. 1942; (fasc. 1, No. 12), 16 Oct. 1946, TYPE COLLECTION MATERIAL

*Polygonum ramosissimum* Michx. f. *atlanticum* Robinson, Rhod. 4: 72. 1902

U.S.A.: Massachusetts, Edgartown, M.L. Fernald (Pl. Ex. Gray) 68), 10 Sept. 1901, ISOTYPE

*Polygonum sachalinense* Fr. Schmidt, In Maxim. Primit. Fl. Amur. 233. 1859

U.S.S.R.: Insula Sachalin, *Gizha & Motorina* (Fl. ex. U.S.S.R. 3858), 30 Aug. 1952, TOPOTYPE

*Polygonum shastense* Brewer in A. Gray, Proc. Am. Acad. Arts & Sc. 8: 400. 1873

U.S.A.: California, Mt. Shasta, *Thorne & Oettinger 38987*, 10 Aug. 1969, TOPOTYPE

*Polygonum subsericeum* M. Pop., Herb. Fl. U.S.S.R. 4015. 1957

U.S.S.R.: Lac Baical, *Popov & Bardunov*, 13 Aug. 1955, ISOTYPE

*Polygonum taquetii* Lév. f. *minutulum* Makino, Publication unknown

JAPAN: Tokyo Pref., Shi-mura, Itabashi-ku, *T. Makino*, Nov. 1909, ? TYPE COLLECTION MATERIAL

*Polygonum thumbergii* Sieb. & Zucc. var. *oreophilum* Makino, Fl. Jap. Ed. Rev. p. 409. 1965

JAPAN: Honshu, Prov. Musashi, Mt. Takao, *T. Makino 16091*, 1933, TOPOTYPE

*Polygonum viscoferum* Makino, Bot. Mag. Tokyo 17: 115-116. 1903

JAPAN: Tokyo Pref., Okusawa, Stagaya-ku, *T. Makino*, 1900, TYPE COLLECTION MATERIAL

*Polygonum viscoferum* Makino var. *robustum* Makino, Publication unknown

JAPAN: Kyoto Pref., Mt. Hiei, Kyoto City, *T. Makino*, Sept. 1932, ? TYPE COLLECTION MATERIAL

*Polygonum watsonii* Small var. *alpinum* Brenckle, Phytologia 3: 363-364. 1950

U.S.A.: Wyoming, Albany Co., Medicine Bow Mts., Lake Tower, *Brenckle & Shinnors* (Brenckle Fasc. 2: 45), 19 Aug. 1941, ISOTYPE

*Polygonum yukusaiantum* Makino, Bot. Mag. Tokyo 28: 116-117. 1914

JAPAN: Tokyo Pref., *T. Makino*, Sept. 1914, ? TYPE COLLECTION MATERIAL

*Polypodium appalachianum* Haufler & Windham

U.S.A.: Massachusetts, Rockport, *Smith & Gates 402*, 11 Sept. 1928, PARATYPE

*Polypodium appalachianum* Haufler & Windham, Am. Fern J. 81(1): 18. 1991

CANADA: Quebec, Ste. Anne de la Pocatière, *J.A. Calder 1406*, 9 Aug. 1947, PARATYPE

*Polypodium knowltoniorum* Hodge, Amer. Fern. Jour. 31: 105. t.1. 1941

DOMINICA: Morne Trois Pitons, *W.H. & B.T. Hodge 1431*, 23 Feb. 1940 (Pl. Ex. Grayanae 1102), TOPOTYPE

*Polypodium montense* F.A. Lang, Madrono 20: 57. 1971

CANADA: British Columbia, McGuire, Cheakamas River, *F.A. Lang 207*, 24 Oct. 1964, TOPOTYPE

*Polystichum andersonii* Hopkins, Amer. Fern. J. 3: 116. 1913

CANADA: British Columbia, Strathcona Provincial Park, Elk River Valley, *Calder & MacKay 31656*, 20 July 1961, TOPOTYPE

*Polystichum dudleyi* Maxon, Jour. Wash. Acad. 8: 621. 1918

U.S.A.: California, San Mateo Co., Santa Cruz Peninsula, *W.R. Dudley*, 5 Mar. 1898, PARATYPE

*Polystichum* ×*hagenahii* Cody, Amer. Fern. Jour. 58: 30. 1968

CANADA: Ontario, Bruce Co., Cape Crocker Indian Reserve, *Wagner & Hagenah*, 1953, HOLOTYPE

*Polystichum* ×*kasayamense* Kurata, Sci. Rept. Yokosuka City Museum 15: 44-48. 1969

JAPAN: Honshu, Pref. Yamaguchi, Kasayama, Hagi-city, *T. Nakaike*, 10 Aug. 1968, TOPOTYPE

*Polystichum kruckebergii* W.H. Wagner, Amer. Fern. Jour. 56: 4. 1966

CANADA: British Columbia, Mt. McLean at Lillooet, *Calder et al. 15550*, 6 Sept. 1954, ISOTYPE

*Polystichum lobatum* Presl var. *umbraticum* Rossi f. *pilosum* Domin Domin & Krajina, Flora Cechoslovenica exsiccata 206

CZECHOSLOVAKIA: Rossia Subcarpatica, prope Sevlus, *Domin et al.*, 23 May 1931, ISOTYPE

*Polystichum* ×*ongataense* Kurata, Hokuriku Journ. Bot. 6: 114. 1957

JAPAN: Honshu, Tokyo, Higashituchirazawa, Ongata, Hachiouzi-city, *S. Serizawa 10964*, 18 Aug. 1969, TOPOTYPE

*Polystichum* ×*potteri* Barr.

CANADA: Quebec, Brome Co., Waterloo, *Br. Marie-Anselm s.n.*, 14 Aug., 1937, PARATYPE

*Polystichum* ×*potteri* Barr, Rhod. 88: 298-299. 1986

CANADA: Nova Scotia, Inverness Co., near Harvard Lakes, *Prince & Atwood 1442*, 27 Sept.

1928, PARATYPE

*Polystichum rapense* E. Brown, Bishop Museum Bull. 89: 39 t.4A. 1931  
POLYNESIA: Rapa, *St. John & Fosberg 15244*, 30 June 1934, TOPOTYPE

*Pontederia cordata* L. f. *bernardii* Lepage, Nat. can. 82: 101. 1955  
CANADA: Quebec, Nominingue, Lac Violon, *J.-P. Bernard 5181*, 17 août 1955, ISOTYPE

*Populus ×barnesii* W.H. Wagner, Mich. Bot. 9: 54. 1970  
U.S.A.: Michigan, Washtenaw Co., Waterloo Recreation Area, *B.V. Barnes 65W88*, 10 Aug. 1969, ISOTYPE

*Populus ×bernardii* Boivin, Nat. can. 93: 434. 1966  
CULTIVATED: Canada, Saskatchewan, Estevan, Prairie Nurseries, *Boivin & Perron 11828*, 2 juin 1958, HOLOTYPE

*Populus ×brayshawii* Boivin  
CANADA: Alberta, Calgary, *J. Fletcher s.n.*, 14 July 1901, PARATYPE; Lethbridge, *Brayshaw & Doan 24726*, 13 June 1959, PARATYPE; Pincher Creek, *T.C. Brayshaw 2557*, 19 June 1959, PARATYPE; Cluny, bank of Bow River, *T.C. Brayshaw 2596, 2598b*, 8 June 1959, PARATYPE; Crowfoot, bank of Bow River, *T.C. Brayshaw 2574*, 18 Sept. 1959, PARATYPE; Frank, *T.C. Brayshaw 2563, 2564*, 21 June 1959, PARATYPE; MacLeod, bank of Willow Creek, 49 30'N 113 30'W, *T.C. Brayshaw 2530b*, 12 June 1959, PARATYPE; Monarch, bank of Oldman River, *T.C. Brayshaw 2512, 2518*, 12 June, PARATYPE; 3 miles east of Cardston, bank of St. Marry River, *T.C. Brayshaw 2493*, 14 June 1959, PARATYPE  
U.S.A.: New Mexico, Grant County, Mimbres Range, Gila National Forest, *J.M. Tucker 3169*, 1 July 1956, PARATYPE

*Populus ×brayshawii* Boivin, Nat. can. 93: 434. 1966  
CANADA: Alberta, Lethbridge, *Boivin et al. 12194*, 23 juin 1958, HOLOTYPE

*Populus ×dutillyi* Lepage, Nat. can. 88: 50. 1961  
CANADA: Ontario, rivière Kenogami, 6 milles en aval de Mammatawa, *Dutilly & Lepage 38459*, 4 août 1960, ISOTYPE

*Populus ×jackii* Sarg., Trees and Shrubs 2: 212. 1913  
CULTIVATED: Arnold Arboretum from cuttings from Chateaugay, Quebec collected by J.G. Jack, *E.J. Palmer*, 23 Aug. 1938, HORTOTYPE

*Populus ×rollandii* Rouleau, Nat. can. 71: 265. 1944  
CANADA: Quebec, île Ste.-Hélène, *E. Rouleau 5005*, 26 juillet 1942, ISOTYPE

*Populus ×rouleauiana* Boivin

CANADA: Quebec, Mont-Royal, Montreal, *E. Rouleau* 2534, 2535, 15 juin 1939, PARATYPE;  
Comté de Chambly, Longueuil, *E. Rouleau* 4132, 4133, 3 Sept. 1940, PARATYPE

*Populus ×rouleauiana* Boivin, Nat. can. 93: 435. 1966

CANADA: Quebec, Co. Chambly, Longueuil, *E. Rouleau*, 13 août 1942, ISOTYPE

*Porophyllum calcicola* Rob. & Greenm., Proc. Amer. Acad. 39: 116. 1903

MEXICO: Morelos, near Yantepec, *C.G. Pringle* 8720, 8 Nov. 1902, TYPE COLLECTION  
MATERIAL

*Potamogeton gramineus* L. var. *fluctuans* Tiselius, Potamogetones suecici ex. 28

SWEDEN: Nerike, Götlunda, Hasta, *G. Tiselius*, 7 Aug. 1884 (fr.), 19 June 1886 (fol.),  
ISOTYPE

*Potamogeton ×meinshausenii* Juz., Fl. exsiccata U.S.S.R. 3901

U.S.S.R.: Prov. Leningrad, Pudostj, *Juzepczuk & Golubkova*, 22 & 25 Aug. 1951, ISOTYPE (2  
SHEETS)

*Potamogeton ogdenii* Hellquist & Hilton, Syst. Bot. 8: 88. 1983

U.S.A.: New York, Columbia co., Canaan, *C.B. Hellquist* 11840, 9 Sept. 1976, TOPOTYPE

*Potamogeton upsaliensis* Tiselius var. *jäsevadensis* Tiselius, Potamogetones suecici ex. 84

SWEDEN: Upland, in flumine Fyris ad Jäsevad, *G. Tiselius*, 23 July 1890, ISOTYPE

*Potamogeton zosteriformis* Fern., Mem. Am. Acad. Arts & Sci. 17(1): 36. 1932

U.S.A.: Michigan, Gratiot Co., Alma, *C.A. Davis*, 12 July 1893, ISOTYPE

*Potentilla basaltica* Trehm & Ertter, Brittonia 36(3): 228. 1984

U.S.A.: Nevada, Humboldt Co., Calico Mts., *Tiehm & Lavin* 7770, 31 May 1983, ISOTYPE

*Potentilla beanii* Clokey, Bull. So. Calif. Acad. Sci. 38: 4-5. 1939

U.S.A.: Nevada, Clark Co., Charleston Peak, *I.W. Clokey* 7974, 22 July 1938, ISOTYPE

*Potentilla cascadiensis* Rydb., Monog. N. Am. Potentilleae 109. 1898

U.S.A.: Washington, Skamania Co., Chiquash Mts., *W.N. Suksdorf* 2165, 14 Sept. 1896,  
ISOTYPE

*Potentilla cottamii* N. Holmgren, Brittonia 39: 340. 1987

U.S.A.: Nevada, Elko Co., Pilot Peak, *A. Tiehm* 10738, 5 July 1986, ISOTYPE

*Potentilla cryptocaulis* Clokey, Bull. So. Calif. Acad. Sci. 37: 4-6. 1938

U.S.A.: Nevada, Clark Co., Charleston Peak, *I.W. Clokey* 7567 18 July 1937, ISOTYPE

*Potentilla cryptotaeniae* Maxim. var. *insularis* Kitagawa, Publication unknown

JAPAN: Nikko City, Tochigi Pref., *T. Makino*, Aug. 1916. ? TYPE COLLECTION MATERIAL

*Potentilla dickinsii* Franch. & Sav. var. *para-rugulosa* Kitagawa, Publication unknown

JAPAN: Mt. Yomogi, Iwate Pref., *T. Makino*, 1928, ? TYPE COLLECTION MATERIAL

*Potentilla finitima* Kohli & Packer

CANADA: Manitoba, Carberry, *Senn & Gordon 3141, 3142*, 22 Aug. 1946, PARATYPE; Forest Reserve south of Carberry, *H.H. Marshall 65-10*, 25 July 1965, PARATYPE; Montrose Community Pasture, 19 miles southwest of Saskatoon, *A.L. Darwent 65-12*, 7 Sept. 1964, PARATYPE; Battleford, *G.W. Selleck 172*, 2 Sept. 1954, PARATYPE; Battleford, *W.W. Robbins s.n.*, 17 July 1911, PARATYPE

*Potentilla finitima* Kohli & Packer, *Can. J. Bot.* 54: 714-716. 1976.

CANADA: Manitoba, 15 mi. NW of Melita, *Dore & Breitung 12664*, 15 Aug. 1950, HOLOTYPE

*Potentilla floribunda* Pursh., *Flora Am. Sept.* 355. 1814; *Elkington New Phyt.* 68: 1969

CANADA: Ontario, Thunder Bay District, Anglica I. off Squaw Bay, *C.E. Garton 6211*, 12 July 1959, TOPOTYPE

*Potentilla fruticosa* L. var. *leucantha* Makino, Publication unknown

JAPAN: Tokushima Pref., Mt. Tsurugisan, *T. Makino*, 1909, ? TYPE COLLECTION MATERIAL

*Potentilla glandulosa* Lindl. var. *campanulata* C.L. Hitchc., *Vasc. Pl. Pacific Northwest* 1: B61. 1969

U.S.A.: Oregon, Grant Co., S fork of John Day River, *A. Cronquist 6984*, 18 May 1953, ISOTYPE

*Potentilla lozani* Rose & Painter, *Contr. U.S. Nat. Herb.* 10: 95. 1906.

MEXICO; Hidalgo, Cuymatoya Station, *C.G. Pringle 10277*, 9 Aug. 1906, TOPOTYPE

*Potentilla norvegica* L. var. *diffusa* Nestl. f. *spontanea* D. Litw. *Herb. Fl. Ross.* 2159

U.S.S.R.: Prov. et distr. Mosqua, inter Bratowsczina et Spasskoje, *D. Syreishchikov*, 11 June 1907, ISOTYPE

*Potentilla pennsylvanica* L. var. *brevipila* Sojak, *Preslia* 59: 301. 1987

CANADA: Yukon Territory, Sunnydale about 3 miles S of West Dawson, *Calder & Billard 3395*, 30 June 1949, ISOTYPE

*Potentilla pensylvanica* L. var. *arida* Boivin

CANADA: Manitoba, La Riviere, *H. Groh s.n.*, 19 June 1939, PARATYPE; Aweme, *H. Groh s.n.*, 9 June 1932, PARATYPE; Neepawa District, Carberry, *Senn & Gordon 3140*, 22 Aug. 1946, PARATYPE; Saskatchewan, Assiniboia County, southeast of Hitchcock, *Boivin & Dore 7959*, 16

July 1951, PARATYPE; Assiniboia District, Roche Percée, *Boivin & Dore 8027*, 17 July 1951, PARATYPE; District of North Battleford, Flat Valley, rivière Beaver, *B. Boivin 6922*, 19 août 1949, PARATYPE; Hoosier, *J. Jenkins 679*, Sept. 1947, PARATYPE; Maple Creek, *Coupeland & Budd 25, 26*, 20-21 July 1944, PARATYPE; Cypress Hills, Battle Creek Ranger Station, *A.J. Breitung 5008*, 25 July 1947, PARATYPE; Cypress Hills Park, Bold Butte, *A.C. Budd 29*, 17 Aug. 1944, PARATYPE; Cypress Hills Park, N.E. of Chalet, *A.C. Budd 30*, 11 July 1944, PARATYPE; Cypress Hills Park, Maple Creek District, *Senn et al. 2359*, 19 July 1946, PARATYPE; Maple Creek District, *Senn et al. 2444*, 20 July 1946, PARATYPE; south of McKague, *A.J. Breitung 291*, 16 July 1939, PARATYPE; Dana, *Russell & Russell s.n.*, 3 July 1936, PARATYPE; St. Louis, *Senn et al. 2810*, 11 Aug. 1946, PARATYPE; Dana, *Senn et al. 2752*, 10 Aug. 1946, PARATYPE; Weyburn, *Boivin & Dore 7848*, 14 July 1951, PARATYPE; south of Macoun, *Boivin & Dore 7954*, 16 July 1951, PARATYPE; Big Muddy Valley, *W. Shevkenek 178*, 26 June 1940, PARATYPE; 7 milles au sud-est du lac Bulkin (Bengough), *Boivin & Gillett 8743*, 10 août 1951, PARATYPE; Bengough, *Boivin & Gillett 8687*, 8 août 1951, PARATYPE; Punnichy, *R.S. Russell S2922*, 12 July 1949, PARATYPE; Copeland, *Russell & Russell S4814*, 18 July 1948, PARATYPE; Theodore, *W. Shevkenek s.n.*, 11 July 1939, PARATYPE; Yorkton, *C. Shaw 51a*, 5 July 1946, PARATYPE; Radisson, *Boivin & Breitung 6753*, 2 Aug. 1949, PARATYPE; Swift Current, *A.C. Budd 28, 62*, 10 Aug. 1944, 2 July 1938, PARATYPE; Lorryford, *A.C. Budd 27*, 28 July 1944, PARATYPE; Chaplin, *A.C. Budd 34, 35, 37, 43, 150*, June 1944, PARATYPES; ENE of Courval, *A.C. Budd 39*, 29 June 1944, PARATYPE; N. of Valjean, *A.C. Budd 36, 44*, June 1944, PARATYPES; Alberta, Lethbridge, *C. Frankton 224*, 26 June 1947, PARATYPE; Pincher Creek, *E.W. Tisdale 38*, 8 July 1944, PARATYPE; Cypress Hills, *A.C. Budd 32*, 23 Aug. 1944, PARATYPE; Medicine Hat, *Tisdale & Coupeland 161*, 5 July 1944, PARATYPE; Fort Saskatchewan, *G.H. Turner 25*, 10 July 1934, PARATYPE; near Pincher, *E.H. Moss 293*, 2 Aug. 1939, PARATYPE; Macleod, *E.H. Moss 715*, 15 June 1940, PARATYPE; Castle River, *E.H. Moss 338*, 7 Aug. 1939, PARATYPE; Craigmyle, *A.H. Brinkman 5169, 5215*, June & July 1942, PARATYPES; British Columbia, Fort St. John, *E.H. Moss 8167*, 23 June 1948, PARATYPE

U.S.A.: North Dakota, east of Bowbells, Rivière-des-Lacs, *Boivin & Dore 8064*, 19 July 1951, PARATYPE; South Dakota, Custer County, Custer State Park, *O. Tollefson 2*, 10 June 1936, PARATYPE; New Mexico, Santa Fe Canyon, *A.A. & E.G. Heller 3795*, 2 July 1897, PARATYPE

*Potentilla pensylvanica* L. var. *arida* Boivin, *Phytologia* 4: 91. 1952

CANADA: Saskatchewan, 3 milles à l'ouest de Gull Lake, *Boivin & Gillett 8910*, 15 août 1951, HOLOTYPE

*Potentilla rolandii* Boivin var. *lanata* Boivin, *Can. Field. Nat.* 65(1): 21. 1951

CANADA; Nova Scotia, Sable Island, *H.T. Gussow s.n.*, 1911, HOLOTYPE

*Potentilla rubipes* Rydb., *Bull. Torrey Bot. Club* 33: 143. 1906; *Mem. Dep. Bot. Columbia Univ.* 2: 101. 1898

U.S.A.: Colorado, El Paso Co., Pike's Peak, *F.W. Hunnewell 3144*, 25 Aug. 1914, TOPOTYPE

*Potentilla tanaitica* W. Zinger, *Bull. Soc. Nat. Mosc.* 3: 69. 1882

U.S.S.R.: Prov. Orel, distr. Jeletz, Galiczja Gora, *V. Khitrii* (*Herb. Fl. Ross.* 2170), 17 July 1904,

## TOPOTYPE

*Potentilla tirolensis* Zimmeter, Sched. Fl. Exsicc. ii 21. 1882  
AUSTRIA: Tirolia centralis, *A. Kerner* (Fl. Essicc. Austro- Hungarica 830), ISOTYPE

*Potentilla togasii* Ohwi, Bull. Nat. Sci. Mus. Tokyo, m.s. 4 (No. 45): 401-402. 1959  
JAPAN: Honshu, Yuzawa in Echigo, *M. Togasi* (TNS 1741), 17 June 1958, ISOTYPE

*Potentilla vahliana* Lehm. Monog. *Potentilla* 1820: 172-3  
GREENLAND: Godhavn, *C.O. Erlanson 3004*, 18 June 1928, TOPOTYPE

*Potentilla valderia* L. Sp. Pl. ed. 2. 714. 1762  
ITALY: Bains de Valdiere, *Em. Burnat*, 14 août 1876 (Soc. dauphinoise 1189), TOPOTYPE

*Potentilla verna* L. var. *vulgaris* f. *elongata* F. Schultz, Publication unknown  
GERMANY: Wissembourg, *F. Schultz*, (Herb. Norm. Cent. 1, 40 ter), 12 May 1855, ? TYPE  
COLLECTION MATERIAL

*Potentilla vindobonesis* Zimmeter in *A. Kerner*, Schedae Fl. Ex. 3: 23-24. 1884  
AUSTRIA inferior: *Richter* (Fl. ex. Austro-Hungarica 831), ISOTYPE

*Potentilla vulgarica* Juz., Spisok. Rast. Herb. Fl. U.S.S.R. 11: 117. 1949  
U.S.S.R.: Prov. Saratov, Chvalynsk, *K. Gross* (Fl. U.S.S.R. Ex. 3400), 1 June 1926, ISOTYPE

*Pouteria ucuqui* Pires & Schultes, Bot. Mus. Leafl. 14: 87. 1950  
BRAZIL: Upper Rio Negro, Igrapé Uabá, opposite mouth of Rio Xié, Amazonas, *Schultes & Lopez 9553* (Pl. Ex. Gray 1461), 3- 6 Jan. 1942, ISOTYPE

*Pouzolzia scaberrima* E.P. Killip, J. Wash. Acad. Sci. 24: 43. 1934  
COLOMBIA: Santa Marta, *H.H. Smith 1436*, 1898-1901, ISOTYPE

*Prasophyllum anomalum* Rupp, Victorian Naturalist 65: 142-143. 1948  
AUSTRALIA: Blue Mountains, Woodford, *I. Bowden 9337*, March 1949, TOPOTYPE

*Prenanthes racemosa* Michx. f. *rollandii* Vict. & Rousseau, Contr. Inst. Bot. Univ. Montreal 36: 52. 1940  
CANADA: Quebec, Longueuil, *F. Rolland-Germain*, 16 septembre 1938, ISOTYPE

*Prestonia mucronata* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 90-91. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 1656* (1898-1901), ISOTYPE

*Primula borealis* Duby f. *albiflora* Cody, Can. Field-Nat. 79: 105. 1965  
CANADA: District of Mackenzie, Anderson River Delta, 69°42'N 129°W, *T.W. Barry 290*, 27



June 1962, HOLOTYPE

*Primula capillaris* Holmgren & Holmgren, Brittonia 26: 313. 1974  
U.S.A.: Nevada, Elko Co., Ruby Mts., Thomas Creek Canyon near head of Lamoille Canyon,  
*Holmgren & Reveal 2154*, 15 July 1965, ISOTYPE

*Primula elatior* Mill, var. *carpatica* Griseb. & Schenk f. *poloninensis* Domin., Veda Prir 11:  
241. 1930  
CZECHOSLOVAKIA: Rossia Subcarpatica, montes Svidovec, *M. & F. Deyl*, (Fl. Cech. ex.  
285), 26 May 1930, ISOTYPE

*Primula elatior* Mill. var. *corontica* Domin. Veda Prir. 11: 239. 1930  
CZECHOSLOVAKIA: Bohemia, montes Krkonose, *Krajina & Sillinger*, (Fl. Cech. ex. 284), 18  
May 1929, ISOTYPE

*Primula farinosa* L. var. *macropoda* Fern., Rhod. 9: 16. 1907  
CANADA: Quebec, Bic, *J. Rousseau 24911*, 20 juillet 1926, TOPOTYPE

*Primula finmarchica* Jacq., Misc. austr. 1: 161. 1778  
NORWAY: Finmark, Talvik, *O. Hedberg*, 1 Aug. 1946, TOPOTYPE

*Primula gaubeana* Bornm., Neue Art. Sect. Floribundae Fl. Pers. (Mitt. Thüring. Bot. Ver. n.f.  
47: 132. 1941  
IRAN: Luristan, Bisheh, 50 km a Khorramabad orientem versus, *K.H. & F. Rechinger 5651*,  
14-16 July 1948, TOPOTYPE

*Primula laurentiana* Fern., Rhod. 30: 68. 1928  
CANADA: Quebec, Bic, *Marie-Victorin et al. 45694*, 6 août 1933, TOPOTYPE

*Primula maccalliana* Wiegand, Bull. Torrey Bot. Club 27: 389. 1900  
CANADA: Alberta, Banff, *W.C. McCalla 6508*, 19 May 1941, TOPOTYPE

*Primula nevadensis* N.H. Holmgren, Madrono 19: 27. 1967  
U.S.A.: Nevada, White Pine Co., south slopes of Mt. Washington, *Holmgren et al. 2216*, 20 July  
1965, ISOTYPE

*Primula portae* Huter, Sched. Fl. Austro-Hung. 4: 53. 1886  
ITALY: Tirolia australis, Trentino, montis Magiassone, *P. Porta*, June 1906 (Fl. Ital. Ex. 619),  
TOPOTYPE

*Primula scotica* Hook., Fl. Lond. t. 133  
SCOTLAND: West Sutherland, Strathy, *J. Anthony 1838*, 28 May 1958, TOPOTYPE

*Primula tschuktschorum* Kjellm. ssp. *cairnesiana* Porsild

CANADA: Mackenzie, Richardson Mountains, Yukon-Mackenzie border, *J.A. Calder 34099*, 9 July 1962, PARATYPE

*Primula techuktschorum* Kjellm. ssp. *cairnesiana* Porsild, Can. Field-Nat. 79: 89-90. 1965  
CANADA: District of Mackenzie, Richardson Mts., Yukon-Mackenzie border, 67°33'N 136°12'W, *J.A. Calder 34099*, 9 July 1962, PARATYPE

*Prionoscadium megacarpum* Coult. & Rose, Contrib. U.S. Nat. Herb. 3(3): 308. 1895  
MEXICO: Oaxaca, Sierra de San Felipe, *C.G. Pringle 4688*, 1 June 1894, 10 Oct. 1894, ISOTYPE

*Priva africana* Moldenke, Fedde Repert. 41: 36. 1936  
SOUTH AFRICA: Transvaal, Potgietersrust, *G.P.F. van Dam*, Dec. 1924, TOPOTYPE

*Prostanthera discolor* R.T. Baker, Proc. Linn. Soc. N.S. Wales 21: 378. 1896  
AUSTRALIA: New South Wales, Honeysuckle Creek, Murrumbo to Kerrabee, *L.A.S. Johnson*, 19 Sept. 1951, TOPOTYPE

*Prostanthera linearis* R.Br., Prodr. 509. 1830  
AUSTRALIA: Grose River, *R. Brown*, 1802-5, ? ISOTYPE

*Prostanthera marifolia* R.Br., Prodr. 509. 1830  
AUSTRALIA: N shore of Sydney, *R. Brown*, 1802-5, ? ISOTYPE

*Prostanthera ovalifolia* R.Br., Prodr. 509. 1830  
AUSTRALIA: Queensland, Shoalwater Bay, *R. Brown*, 1802-5, ? ISOTYPE

*Prostanthera rotundifolia* R.Br., Prodr. 509. 1830  
AUSTRALIA: Victoria, *Mueller*, ? ISOTYPE

*Protium mucronatum* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 34-35. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 2743* (1898-1901), ? ISOTYPE

*Protium neglectum* Swart var. *tenuifolium* Swart, Recueil. Trav. Bot. Néerl. 39: 204. 1942  
COLOMBIA: Santa Marta, *H.H. Smith 1741*, 1898-1901, ? ISOTYPE

*Prunella vulgaris* L. var. *rouleauiana* Vict., Nat. Can. 71: 207. 1944  
CANADA: Quebec, Comté Montmagny, 2 milles E du village Berthier, G. Lemieux s.n., 13 July 1961, TOPOTYPE

*Prunus* ×*furuseana* Ohwi, J. Jap. Bot. 26(8): 229-230. 1951  
CULTIVATED: Japan, Honshu, Mt. Minobusan in Kai, *M. Furuse* (TNS 1701), 10 May 1958, TYPE TREE

- Prunus kanzakura* Makino, Bot. Mag. Tokyo 26: 176. 1912  
JAPAN: Tokyo Pref., Taito-ku, *T. Makino*, 13 Oct. 1908, ? TYPE - PUBLICATION NOT AVAILABLE
- Prunus ×nigrella* Cumming, Bailey 11: 5-7. 1963  
CULTIVATED: Dominion Experimental Farm, Morden, Manitoba, *W.A. Cumming*, 22 May 1961, 3 Oct. 1960, HOLOTYPE
- Prunus pseudo-cerasus* Lindl. var. *humilis* Makino, Bot. Mag. Tokyo 6: 52. 1892  
JAPAN: Ogawa, Sakawa-cho, *T. Makino*, 12 May 1935, TOPOTYPE
- Prunus spinosa* L. var. *ucrainica* Blonski, Publication unknown  
POLAND: Ukraine, Wasilkowce, distr. Berdyczow, (Flor. pol. exsicc. 929), ? TYPE  
COLLECTION MATERIAL
- Prunus pumila* L., Mant. Pl., 1767, Taxon 48: 486. 1999  
CANADA: Ontario, Prince Edward Co., Hallowell Twp., south of centre of Sandbanks, 43 55'20"N 77 18'00"W, P.M. Catling 14038, 15 July 1993, LECTOTYPE
- Psammisia ecuadorensis* Hoer., Bot. Jahr. 42: 308. 1909  
ECUADOR: Psov. Pichincha, Carretera Antiqua to Santo Domingo de los Colorados, *Luteyn & Lebron-Luteyn 5621*, 29-30 Mar. 1978, TOPOTYPE
- Pseudeugenia singaporensis* King, Journ. As. Soc. Beng. 70: 133. 1902  
MALAY PENINSULA: Singapore, Mandai Road, *Kiah 37141*, 25 July 1940, TOPOTYPE
- Pseudomorus sandwicensis* Degener, Flora Hawaiiensis, Fam. 96. 1938  
HAWAIIAN ISLANDS: Kauai, Halemanu Ridge, *O. & I. Degener 23931*, 15 Sept. 1955, TOPOTYPE
- Psidium socorrense* Johnston, Proc. Calif. Acad. Sc. Ser. IV. 20: 81. 1931  
MEXICO: Revillagigedo Islands, Socorro Island, *J.T. Howell 8398*, 26 Mar. 1932, TOPOTYPE
- Psychotria collina* Labill., Sert. Austro-Caled. 47. t. 47  
NEW CALEDONIA: Nournea, *M. Balansa 2990*, 1868-1870, ? TOPOTYPE
- Psychotria degeneri* Fosberg, Sargentia 1: 134-135. 1942  
FIJI: Viti Levu, Tuvavatu, between Rewasa and Nokonoko, *O. Degener 15374*, 30 May 1941, ISOTYPE
- Psychotria fendleri* Standley, Contr. U.S. Nat. Herb. 18: 129-130. 1916  
COLOMBIA: Santa Marta, *H.H. Smith 1832*, 1898-1901, PARATYPE
- Psychotria griseifolia* S. Moore, Journ. Linn. Soc. Bot. 39: 153. 1909

FIJI: Viti Levu, near Nandarivatu, *O. Degener 14336*, 13 Feb. 1941, TOPOTYPE

*Psychotria indulgens* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 139-140. 1920

COLOMBIA: Santa Marta, *H.H. Smith 1828* (1898-1901), ? ISOTYPE

*Psychotria insularum* A. Gray var. *montanum* E. Christophersen, Publication unknown

SAMOA: Savaii, above Matavanu, *Christophersen & Hume 2047*, 14 July 1931, ? TYPE

COLLECTION MATERIAL

*Psychotria maricaensis* Urb., Syn. Antill. 1: 447. 1899

PUERTO RICO: Bosque Insular de Maricao, above Criadero de Peces, *Webster et al. 8940*, 11 July 1959, TOPOTYPE

*Psychotria platycocca* A. Gray, Proc. Am. Acad. 4: 47. 1860

FIJI: near Nandarivatu, Viti Levu, *O. Degener 14563*, 24 Feb. 1941, TOPOTYPE

*Pteralyxia kauaiensis* Caum, Occ. Papers Bishop Mus. Honolulu 10(8): 8-9. 1933

HAWAIIAN ISLANDS: Kauai, ridge behind Papaa, Moloaa Forest Reserve, *Degener & Greenwell 21715*, 16 Jan. 1952, TOPOTYPE

*Pteridium aquilinum* (L.) Kuhn var. *champlainense* Boivin, Amer. Fern. J. 42(4): 131-132. 1952

CANADA: Quebec, Charlevoix, Les Eboulements, Saint-Joseph, *B. Boivin 1066*, 25 juin, 1937, HOLOTYPE

*Pteris ryukyensis* Tagawa, Acta Phytotax. Geobot. 4: 204. 1935

JAPAN: Ryukyu, *S. Serizawa 11765*, 12 Apr. 1970, TOPOTYPE

*Pterocarpus floribundus* Pittier, Contr. U.S. Nat. Herb. 20: 123. 1918

COLOMBIA: Santa Marta, *H.H. Smith 2030*, 1898-1901, ? ISOTYPE

*Pterocarpus heterophyllus* Pittier, Contr. U.S. Nat. Herb. 20: 123. 1918

COLOMBIA: Santa Marta, *H.H. Smith 16*, 1898-1901, ? ISOTYPE

*Pterocephalus lasiospermus* Link. in Buch, Besch. Canar. Ins. 150

CANARY ISLANDS: Nivaria, Las Canadas, Azulejos, *E.R. Sventenius 82*, 18 July 1948, TOPOTYPE

*Pterocymbium oceanicum* A.C. Sm., J. Arn. Arb. 27: 320-321. 1946

FIJI: Viti Levu, Lautoka, *W. Greenwood 1082*, 18 Aug. 1945, ISOTYPE

*Pterotropia gymocarpa* Hdb., Fl. Haw. Is. 151. 1888

HAWAIIAN ISLANDS: Oahu, *C. Wong*, 16 Apr. 1941, TOPOTYPE

- Ptilotus sandwicensis* Gray, Proc. Am. Acad. 7: 200. 1868  
HAWAIIAN ISLANDS: Kau District, *S. Carlquist 2065*, 26 July 1966, TOPOTYPE
- Ptychotis thorei* Grenier & Godron, Flore de France 1: 735. 1848  
FRANCE: Landes, *E.J. Neyraut*, July 1898 (Herb. Norm. Dörfler 4335), TOPOTYPE
- Publicaria guestii* Rech. & Rawi, Bull. Coll. Arts & Sci. Baghdad 2: 6. 1957  
IRAQ: 40 km SE of Al Salman, *K.H. Rechinger 186*, 23 Apr. 1957, ? TYPE - PUBLICATION NOT AVAILABLE
- Puccinellia bruggemannii* Th. Sorensen, Nat. Mus. Can. Bull. 135: 78. 1955  
CANADA: Franklin Dist., Prince Patrick Island, Mould Bay, *P.F. Bruggemann 470*, 8 Aug. 1952, HOLOTYPE
- Puccinellia colpodoides* Tzvel., Arctic Fl. SSSR 2: 194. 1964  
U.S.S.R.: Prov. Magadan, Wrangel Island, *V. Petrovsky* (Fl. ex. SSSR 6303), 27 July 1970, TOPOTYPE
- Puccinellia distans* (L.) Griseb.  $\times$  *suecica* Holmb. f. *expansa* Holmb, Publication unknown  
SWEDEN: Scania, *O.R. Holmberg*, 15 Aug. 1904, ? TYPE COLLECTION MATERIAL
- Puccinellia*  $\times$  *P. mixta* Holmb., Bot. Not. 1920: 106-107. 1920  
SWEDEN: Oelandia, Färjestaden, *O.R. Holmberg*, 1 July 1917, TYPE COLLECTION MATERIAL
- Puccinellia paupercula* (Holm) Fernald & Weatherby var. *longiglumis* Fernald & Weatherby, Rhod. 18: 20. 1916  
CANADA: Prince Edward Island, Bunbury, *Erskine & Dore 1492*, 2 July 1952, TOPOTYPE
- Puccinellia rosenkrantzii* Th. Sor., Med om Grfnland 136(3): 33. 1953  
GREENLAND: Nugssuaq Peninsula, Qapiortoq kitdleq, 70°27'N 53°33'W, *K. Jakobsen 2443*, 12 Aug. 1948, ISOTYPE
- Puccinellia suksdorfii* St. John, Northwest Science 2: 80. 1928  
U.S.A.: Washington, Rockland, *W.N. Suksdorf 5089*, 2 June 1905, ISOTYPE
- Pulmonaria kernerii* Wettstein, Verhandlungen der k.k. zool. botan. Gesellschaft, Wien, 38: 559-560. 1888  
AUSTRIA: Stiria superior, inter "Gross-Reifling" et "Palfau", *Dörfler & Ronniger*, May, Aug. 1895, (Dörfler Herb. Norm. 3968), TOPOTYPE
- Pulsatilla grandis* Wenderoth, Schriften der Ges. zur Bedförd. d. Naturwissenschaften zu Marburg 2: 257. 1831  
AUSTRIA: agri Vindobonensis, *Woloczczak* (Fl. ex. Aust.-Hung. 611), TOPOTYPE

- Pulsatilla ovczinnikovii* Maximova, Flora ex. U.S.S.R. 5067  
U.S.S.R.: Siberia orientalis, reg. Chentej-Czikojskoje, A. & M. Maximovae, 7 June 1967, ISOTYPE
- Pycnanthemum floridanum* Grant & Epling, Univ. Calif. Publ. Bot. 20: 195-240. 1943  
U.S.A.: Florida, Orange Co., Sanford, G.V. Nash 2259, 24 July 1895, ISOTYPE
- Pyrethrum glabrum* Laq., Gen. et Sp. Nov. 30. 1816  
SPAIN: Baetica, Jerz de la Frontera, Gros, 8 May 1925, TOPOTYPE
- Pyrola californica* Krisa, Bot. Jahrb. (Stuttgart) 85: 615. 1966  
U.S.A.: California, Washoe Co., 2 mi. N of Galena Creek, W.A. Archer 6503, 7 Aug. 1938, HOLOTYPE
- Pyrola minor* L. var. *parviflora* Boivin, Nat. can. 87(2): 45. 1960  
CANADA: Quebec, Fort Chimo area, J.A. Calder 2476, 9 Aug. 1948, HOLOTYPE
- Pyrus achras* Bor. f. *ovalis* Gillot, Publication unknown  
FRANCE: Saone-et-Loire, Saint-Emiland, Ozanon & Gillot, 22 avril, 25 août 1882, ? TYPE COLLECTION MATERIAL
- Quercus ellipsoidalis* Hill var. *coccinioides* Farwell, Amer. Midl. Nat. 12: 120. 1930  
U.S.A.: Michigan, Oakland Co., Parkedale Farm near Rochester, O.A. Farwell 3274, 27 Oct. 1912, ? ISOTYPE
- Quercus floridana* Shuttl. ex. A.DC in DC. Prodr. 16 II: 22. 1864  
U.S.A.: Florida, prope Tallahassee, Rugel, Aug. 1843, ISOTYPE
- Quercus gambelii* Nutt., J. Acad. Nat. Sc. 2nd ser. 1: 179. 1848  
U.S.A.: New Mexico, 4 mi. E of Santa Fe, A.A. & E.G. Heller 3614, 29 May 1897, TOPOTYPE
- Quercus georgiana* M.A. Curtis, Am. J. Sc. & Arts 7: 408. 1849  
U.S.A.: Georgia, Stone Mountain, Biltmore Herbarium 829, 12 Sept. 1896, TOPOTYPE
- Quercus microphylla* Chun, Publication unknown  
CHINA: Hainan, H.Y. Liang 55272, 25 Feb. 1934, ? TYPE COLLECTION MATERIAL
- Quercus nigra* L. var. *plenocarpa* Small in Trel. Mem. Nat. Acad. Sc. 20: 160. 1924  
U.S.A.: Florida, Eustis, G.V. Nash 1677, 17-25 Aug. 1894, TYPE COLLECTION MATERIAL
- Quercus oglethorpensis* Duncan, Amer. Midl. Nat. 24: 755. 1940  
U.S.A.: Georgia, Oglethorp Co., 8 mi. SE of Lexington, W.H. Duncan 5532, 12 July 1942, TOPOTYPE

*Quercus rysophylla* Weatherby, Proc. Am. Acad. 45: 423-424. 1910  
MEXICO: C.G. Pringle 10225, 10226, 10379, Mar. July 1906, 1907, TYPE COLLECTION MATERIAL

*Quercus* ×*subconvexa* Tucker, Madrono 12: 119. 1953  
U.S.A.: California, Marin Co., Tiburon Peninsula, J.M. Tucker 1576, 1 Aug. 1947, PARATYPE

*Quercus* ×*takaoyamensis* Makino, Jour. Jap. Bot. 2: 13. 1920  
JAPAN: Mt. Takao, T. Makino 53095, 1924, TOPOTYPE

*Radamaea montana* Benth. in DC. Prodr. 10: 509. 1846  
MADAGASCAR: M. Decary S636, 26 Sept. 1927, TOPOTYPE

*Raddia urbaniana* Hitchc. & Chase, Contr. U.S. Nat. Herb. 18: 359. 1917  
TOBAGO: Center of Island, A.S. Hitchcock 10267 (Amer. Gr. Nat. Herb. 626), 18 Dec. 1912, ISOTYPE

*Ramirezella pringlei* Rose, Contr. U.S. Nat. Herb. 12: 274. 1909  
MEXICO: Iquala Canyon, C.G. Pringle 13822, 2 Oct. 1906, ISOTYPE

*Ramondia pyrenaica* Rich. in Pers. Synopsis Plantarum 1: 216. 1805  
SPAIN: Hte. Pyreines, Gèdre, Borderg, 1888, TOPOTYPE

*Ranunculus acris* L. var. *stevenii* (Andrz.) Lange f. *multipectatus* Boivin  
CANADA: Nova Scotia, Terrebone Road, N.F. Stroud s.n., 9 June 1935, PARATYPE

*Ranunculus acris* L. var. *stevenii* (Andrz.) Lange f. *multicipetalus* Boivin, Can. Field-Nat. 65: 3. 1951  
CANADA: Nova Scotia, Kentville, L. Grant 658, 14 June 1938, HOLOTYPE

*Ranunculus acris* L. var. *typicus* Beck f. *plenus* Boivin, Can. Field-Nat. 65: 3. 1951  
CULTIVATED: Dominion Arboretum and Botanic Garden, Ottawa, Canada, J.M. Gillett 07-160-7, 29 June 1939, HOLOTYPE

*Ranunculus aurionus* L. ssp. *sibiricus* (Glehn.) Lindb. fil. f. *multifidus* Montell, Publication unknown  
FINLAND: Muonio, J. Montell, 20 June 1924, ? TYPE COLLECTION MATERIAL

*Ranunculus austro-oreganus* Benson, Amer. Midl. Nat. 52: 341. 1954  
U.S.A.: Oregon, Jackson Co., 3 mi. E of Medford on Roxy Ann Rd., Gentner & Gilkey, 29 Apr. 1947, PARATYPE

*Ranunculus buddii* Boivin

CANADA: Saskatchewan, Consul, *A.C. Budd s.n.*, 29 April 1947, PARATYPE; Bienfait, *W. Shevkenek s.n.*, 4 June 1947, PARATYPE

*Ranunculus buddii* Boivin, Can. Field-Nat. 65: 3. 1951

CANADA: Saskatchewan, Swift Current, *A.C. Budd*, 8 May 1936, HOLOTYPE

*Ranunculus buddii* Boivin f. *monochlamydeus* Boivin, Can. Field-Nat. 65: 3. 1951

CANADA: Saskatchewan, Consul, *A.C. Budd*, 29 Apr. 1947, HOLOTYPE

*Ranunculus californicus* Benth. var. *crassifolius* Greene, Erythea 1: 125. 1893

U.S.A.: California, 1 mile N of Ft. Bragg, *A.A. Heller 15327*, 8 May 1937, TOPOTYPE

*Ranunculus circinatoides* Arv.-Touv., Essai sur les plantes du Dauph., p. 18. 1871

FRANCE: Jarrie (Isère), *C. Arvet-Touvet* (Soc. Dauph. No. 1069), juin 1875, TOPOTYPE

*Ranunculus clivicola* B.G. Briggs, Proc. Lin. Soc. N.S. Wales 84: 319. 1960

AUSTRALIA: New South Wales, Spencer's Bridge, Mt. Kosiusko area, *B.G. Briggs 49615*, 3 Feb. 1958, ISOTYPE

*Ranunculus codyanus* Boivin, Can. Field-Nat. 65: 3-4. 1951

CANADA: Dist. of Keewatin, Southampton Island, Coral Harbour, *W.J. Cody 1518*, 24 July 1948, HOLOTYPE

*Ranunculus delacouri* Gaudefr. & Mabilie, Notes sur le g. Ranunc. 7. 1874; Bull. Soc. Bot. Fr. 21. rev. bibl. 216

FRANCE: S.-et-Oise, bois des Longues-Mares, près Montfort- l'Amaury, *E. Guadefroy* (Soc. dauph. 658), 14 juin 1874, TYPE COLLECTION MATERIAL

*Ranunculus fallax* (W. & Gr.) Schur ssp. *oinonenii* Valta, Publication unknown

FINLAND: Nylandia, par Sipoo, prope Mosabacka, *A. Valta*, 6 June 1966, ? TYPE COLLECTION MATERIAL

*Ranunculus flabellaris* Raf. f. *plenus* Boivin, Can. Field-Nat. 65: 4. 1951

U.S.A.: Tennessee, Harriman, *I.K. McMorine*, 8 Apr. 1893, HOLOTYPE

*Ranunculus geraniifolius* Pourret f. *macropus* Domin, Domin & Krajina Fl. Cech. ex. 154

CZECHOSLOVAKIA: montes Svidovec, *Mil. & Fr. Deyl.*, 26 May 1930, ISOTYPE

*Ranunculus geraniifolius* Pourret f. *nudus* Domin, Domin & Krajina Fl. Cech. ex. 153

CZECHOSLOVAKIA: montes Bielské Tatry, *Domin & Krajina*, 20 July 1929, ISOTYPE

*Ranunculus hyperboreus* Rottb. f. *inerescens* Savile & Calder

CANADA: Keewatin, Southampton Island, Coral Harbor, 68°08'N 83°17'W, *W.J. Cody 1547*, 24 July 1948, PARATYPE



*Ranunculus hyperboreus* Rottb. f. *integrescens* Savile & Calder, Can. Field-Nat. 66: 105. 1952  
CANADA: Dist. of Keewatin, Chesterfield Inlet, *Savile & Watts 1464*, 16 Aug. 1950,  
HOLOTYPE

*Ranunculus hyperboreus* Rottb. var. *turquetilianus* Polunin, Nat. Mus. Can. Bull. 92(1): 211.  
1940  
CANADA: Dist. of Keewatin, Chesterfield, *Savile & Watts 1329*, 8 Aug. 1950, TOPOTYPE

*Ranunculus inamoenus* Greene var. *elatio*r Boivin  
CANADA: Cypress Hills, Lake shore, *R.C. Russell et al. s.n.*, 25 June 1936, PARATYPE

*Ranunculus inamoenus* Greene var. *elatio*r Boivin, Can. Field-Nat. 65: 4. 1951  
CANADA: Saskatchewan, Cypress Hills Park, *A.J. Breitung 4406*, 7 July 1947, HOLOTYPE

*Ranunculus juniperinus* M.E. Jones, Cal. Acad. Proc. Ser. 2. 5: 616. 1895  
U.S.A.: Utah, Washington Co., Beaverdam Mts., *Maguire & Holmgren 20490*, 20 Apr. 1941,  
TOPOTYPE

*Ranunculus lutulentus* Song. & Perr. in Billot, Annot. Fl. Fr. et Allem. pp. 181-183. 1855  
FRANCE: Savoie, près Conflans, *E. Perrier de la Bâttle*, ? ISOTYPE

*Ranunculus megellensis* Tenore, Prod. Fl. Nap. 2: 69. 1830  
ITALY: Aprutii, *G. Rigo 58*, 1899, TOPOTYPE

*Ranunculus millani* Von Mueller, Trans. Phil. Soc. Victoria, p. 97. 1855  
AUSTRALIA: Mount Kosciusko, *Baron von Mueller s.n.*, TYPE COLLECTION MATERIAL

*Ranunculus pallasii* Schlecht. var. *spetsbergensis* Nath., Kongl. Sv. Vet. Akad. Handl. 20: 6.  
1883  
SPITZBERGEN: Kapp Boheman, *J. Lid*, 27 Aug. 1924, TOPOTYPE

*Ranunculus productus* B.G. Briggs, Proc. Linn. Soc. N.S. Wales 84: 321-322. 1960  
AUSTRALIA: New South Wales, Daner's Gap, Mount Kosciusko area, *B.G. Briggs*, 5 Jan. 1959,  
ISOTYPE

*Ranunculus sabinei* R.Br., Chloris Melvillianiana 6. 1823  
CANADA: Dist. of Franklin, Melville Island, *Mosquin & Martin 6425*, 21 July 1965,  
TOPOTYPE

*Ranunculus trichophyllus* Chaix var. *hirtus* Nyar, Bul. Grad. Muz. bot. Cluj 8: 111. 1928  
ROMANIA: Muntenia, distr. Prahova, *G.P. Grintescu* (Fl. Rom. ex. 767), 28 Apr. 1923,  
ISOTYPE

*Ranunculus tritermatus* Gray, Proc. Amer. Acad. Ser. 2. 13: 370. 1886  
U.S.A.: Washington, Klickitat Co., southwest of Goldendale, *J.W. Thompson 11415*, 27 April 1935, TOPOTYPE

*Ranunculus turneri* Greene, Pittonia 2: 296. 1892  
CANADA: Yukon Terr., Rampart House, *C.C. Loan 532*, 6 July 1951, TOPOTYPE

*Ratibida columnaris* (Pursh) Raf. f. *denudata* Boivin  
CANADA: Alberta, District de Medicine Hat, Bowmantown, 6 milles au nord, *Boivin & Alex 10103*, 9 août 1952, PARATYPE

*Ratibida columnaris* (Pursh) Raf. f. *denudata* Boivin, Nat. can. 87: 46. 1960  
CANADA: Saskatchewan, Val Marie, *Boivin & Alex 9886*, 23 juillet 1952, HOLOTYPE

*Rauwolfia littoralis* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 84-85. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 1905* (1898-1901), ? ISOTYPE

*Rauwolfia remotiflora* Deq. & Sherff, Publ. Field Mus. Nat. Hist., Chicago 23: 327-328. 1947  
HAWAIIAN ISLANDS: Kau, Kaalualu, *Degener et al. 23686*, 14 Nov. 1954, TOPOTYPE

*Rauwolfia sandwicensis* A.DC., Prodr. 8: 339. 1844  
HAWAIIAN ISLANDS: Oahu, Kalauao Ridge, *H. St. John 25298*, 23 May 1954, TOPOTYPE

*Reseda orientalis* Boiss., Fl. Orient. 1: 427. 1867  
PALESTINE: near Tel-Aviv, *Feinbrun et al.* (Fl. Palest. ex. 56), 25 Jan. 1928, TOPOTYPE

*Rhamnidium oblongifolium* Britt. & Wils., Mem. Torr. Bot. Cl. 16: 79. 1920  
CUBA: Las Villas province, 10 km south of Santa Clara, *Howard et al. 342*, 13 July 1951, TOPOTYPE

*Rhamnus alnifolia* L'Hér. f. *angustifolia* D. Löve & Bernard, Sv. Bot. Tidskr. 53: 410. 1959  
CANADA: Manitoba, Otterburne, *J.-P. Bernard 58/252*, 25 mai 1958, TYPE COLLECTION MATERIAL

*Rhamnus atroviridis* Rusby  
COLUMBIA: Santa Marta, *H.H. Smith 2758*, 1898-1901, PARATYPE

*Rhamnus atroviridis* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 54-55. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 1701* (1898-1901), ? ISOTYPE

*Rhamnus californica* Eschsch., Mem. Acad. Petersb. 10: 285. 1823

U.S.A.: California, San Francisco Co., Presidio, Bakers Beach, *L.S. Rose 64062*, 19 Aug. 1964, TOPOTYPE

*Rhamnus carniolica* A. Kerner, Zeitschr. Ferdinand Tirol. III 15: 282. 1870  
AUSTRIA: Carniolia ad Adelsberg, *Stapf & Paulin* (Fl. Ex. Aust.- Hung. 868), TOPOTYPE

*Rhamnus crenulata* Ait., Hort. Kew ed. I 1: 263. 1739  
CANARY ISLANDS: Nivaria, *E.R. Sventenius 151*, 12 Feb. 1949, TOPOTYPE

*Rhamnus davurica* Pallas var. *nipponica* Makino, Bot. Mag. Tokyo 18: 98-99. 1904  
JAPAN: Tokyo Pref., Hachiozi, *T. Makino*, 28 Oct. 1899, PARATYPE

*Rhamnus elbursensis* Gauba & Rechinger, Ann. Naturhist. Mus. Wein 51: 399-400. 1941  
IRAN: Mazanderan, Kudjur, inter Kindj et Dasht-e Nazir, *H.H. & F. Rechinger 6617*, 9-11 Aug. 1948, TOPOTYPE

*Rhamnus purshiana* DC, Prodr. 2: 25. 1825  
U.S.A.: Washington, Clearwater River opposite Kamiah, *F.G. Meyer 919*, 6 June 1937, TOPOTYPE

*Rhaponticum canariensis* DC., Prodr. 6: 664. 1837  
CANARY ISLANDS: Nivaria, *E.R. Sventenius*, 16 June 1946 (Fl. Sel. Canar. 91), TOPOTYPE

*Rhexia floridana* Nash, Bull. Torrey Bot. Cl. 22: 150. 1895  
U.S.A.: Florida, Lake Co., Eustis, *G.V. Nash 1218*, 1-15 July 1894, ISOTYPE

*Rhigozum madagascariense* Drake, Bull. Mus. Nat. Hist. Paris 1903: 98  
MADAGASCAR: Ambovombi, *M. Decary 9465*, 1 Dec 1931, TOPOTYPE

*Rhinacanthus osmospermus* Boj. ex Nees in DC. Prodr. 11: 443. 1847  
MADAGASCAR: Amborombi, *M. Decary 3584*, 2 Feb. 1926, TOPOTYPE

*Rhododendron giganteum* Forrest, Journ. Roy. Hort. Soc. 49: 27. 1924  
CHINA: N'Maikha-Salween divide, *G. Forrest 18458*, Sept. 1919, ISOTYPE

*Rhododendron kaempferi* Plauch. f. *micranthum* Sugimoto, Publication unknown  
JAPAN: Mt. Rokko, Kobe City, Hyogo Pref., *T. Makino*, 17 May 1938, ? TYPE COLLECTION MATERIAL

*Rhododendron kiusianum* Makino, Bot. Mag. Tokyo 28: 174. 1914  
JAPAN: Nagasaki Pref., Mt. Unzen, *T. Makino*, 2 Sept. 1908, ? TYPE - PUBLICATION NOT AVAILABLE

*Rhododendron vaseyi* Gray, Proc. Amer. Acad. 15: 48-49. 1880

U.S.A.: North Carolina, Jackson Co., Mountain swamps, *Biltmore 1376*, 8 May & 18 Aug. 1896, TOPOTYPE

*Rhus hapemanianii* Lunell, Amer. Midl. Nat. 3: 147. 1913  
U.S.A.: Nebraska, *H. Hapeman*, 30 June 1941, TOPOTYPE

*Rhynchosia cinerea* Nash, Bull. Torrey Bot. Cl. 22: 149-150. 1895  
U.S.A.: Florida, Lake Co., vicinity of Eustis, *G.V. Nash 1336*, 16-31 July 1894, ? ISOTYPE

*Rhynchosia michauxii* A.M. Vail, Bull. Torrey Bot. Cl. 22: 458- 459. 1895  
U.S.A.: Florida, Orange Co., Sanford, *G.V. Nash 2314*, 1 Aug. 1895, TYPE COLLECTION MATERIAL

*Rhynchospora cephalantha* Gray var. *pleiocephala* Fernald & Gale, Rhod. 42: 424. 1940  
U.S.A.: Virginia, Dinwiddie Co., S of Petersburg, *Smith & Hodgdon* (Pl. Ex. Gray 1024), 17 Aug. 1939, PARATYPE

*Rhynchospora knieskernii* Carey, Amer. Jour. Sc. & Arts (Ser. 2) 4: 25. 1847  
U.S.A.: New Jersey Pine Barrens, *P.D. Knieskernii*, TOPOTYPE

*Ribes cereum* Dougl., Trans. Roy. Hort. Soc. 7: 312-313. 1830  
U.S.A.: Oregon, Gilliam Co., 9 mi. S of Condon, *A. Cronquist 6244*, 5 May 1950, TOPOTYPE

*Ribes hudsonianum* Richards. f. *glabrum* Thieret, Can. Field-Nat. 75: 117. 1961  
CANADA: Dist. of Mackenzie, 1.5 mi. below Evelyn Falls, *Thieret & Reich 4560*, 18 June 1959, ISOTYPE

*Ribes inerme* Rydb. f. *incisum* Weber, Univ. Col. Stud. Ser. Biol. 23: 2-3. 1966  
U.S.A.: Colorado, Boulder Co., Sugarloaf Hill W of Boulder, *W.A. Weber 12916a*, 18 July 1965, ISOTYPE

*Ribes leucoderme* Heller, Bull. Torrey Bot. Club 24: 93. 1897  
U.S.A.: Idaho, Nez Perces Co., Lake Waha, *A.A. & E.G. Heller 3175*, 3-4 June 1896, ISOTYPE

*Ribes sanguineum* Pursh, Fl. Am. Sept. 1: 164. 1814  
U.S.A.: Oregon, Columbia R. near Multnomah Falls, *J.W. Thompson 11369*, 18 Apr. 1935, TOPOTYPE

*Rinorea dichotoma* Rusby, Descriptions of Three Hundred New Species of South American Plants, p. 61. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 1492* (1898-1901), ? ISOTYPE

*Rinorea melanodonta* S.F. Blake, Contr. U.S. Natl. Herb. 20: 511. 1924  
COLOMBIA: Santa Marta, *H.H. Smith 1756*, 1898-1901, ? ISOTYPE

- Rochelia karsensis* M. Pop., Spisok Rast. Herb. Fl. URSS 12: 66. 1953  
TURKEY: prope opp. Sarykamysch, *D. Litvinov*, 10 July 1914, (Herb. URSS 3599), ISOTYPE
- Rondeletia ovata* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 129-130. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 1813* (1898-1901), ? ISOTYPE
- Rondeletia purdiei* Hook. var. *glabrior* Steyerl., Mem. New York Bot. Gard. 17: 243. 1967  
COLOMBIA: Santa Marta, *H.H. Smith 320*, 1898-1901, ? ISOTYPE
- Rorippa crystallina* Rollins, Rhod. 64: 326-327. 1962  
CANADA: District of Mackenzie, Mile 23.8 Mackenzie River- Yellowknife Highway, *Thieret & Reich 6637*, 14 June 1961, PARATYPE and TOPOTYPE
- Rorippa islandica* (Oeder) Borbas var. *microcarpa* (Regel) Fernald f. *reptabunda* Fernald, Rhod. 50: 35. 1948  
U.S.A.: New Hampshire, Coos Co., Odell, *A.S. Pease 33162*, 27 Aug. 1947, ISOTYPE
- Rorippa pectinata* A. Nels., Proc. Biol. Soc. Wash. 20: 35-36. 1907  
U.S.A.: Oregon, The Dalles, *J. Lunell*, 4 May 1906, PARATYPE, TOPOTYPE
- Rosa blondeana* Ripart, Mem. Soc. Acad. Maine-et-Loire 10: 133. 1861  
FRANCE: Cher., environs de Bourges, *Ripart* (F. Schultz, herb. norm. nov. ser. Cent. 11, 1089), 25 juin 1855, TYPE COLLECTION MATERIAL
- Rosa bushii* Rydb., N. Am. Fl. 22: 506. 1920  
U.S.A.: Missouri, Courtney, *B.F. Bush 8936D*, 3 June 1920, TOPOTYPE
- Rosa californica* Cham. & Schlecht., Linnaea 2: 35. 1827  
U.S.A.: California, San Francisco Creek, *J.H. Thomas 9591*, 2 July 1961, TOPOTYPE
- Rosa canina* L. var. *transitoria* R. Keller, Publication unknown  
EUROPE: Buchenbez, *P. Flütsch*, (Fl. Raetica Ex. 1260), 12 Aug. 1933, ? TYPE COLLECTION MATERIAL
- Rosa drosophora* H. Braun, Sched. Fl. Exsicc. 3: 56-67. 1883  
AUSTRIA: Tirolia centralis, ad Trins in valle Gschnitz, *A. Kerner* (Fl. Ex. Austro-Hung. 863, ISOTYPE
- Rosa ×dubia* Wolley Dod, J. Bot. 1931 49 Suppl.: 99  
ENGLAND: Surrey, Banstead Downs, *C.E. Britton 3433*, 2 Sept. 1928, ISOTYPE
- Rosa dulcissima* Lunell, Am. Midl. Nat. 2: 287. 1912  
U.S.A.: North Dakota, Pleasant Lake, *J. Lunell*, 28 July 1922, ISOTYPE

*Rosa dumetorum* Thuill. var. *deseglisei* Christ, Publication unknown  
EUROPE: Thuringia, Koesen, *Sagorski*, 1895, ? TYPE COLLECTION MATERIAL

*Rosa erratica* Ripart, Soc. Dauph. Ech. Pl. 4: 109. 1877  
FRANCE: Arasse près Agen, *Abb. Garroue* (Soc. Dauph. 1190), Fl. 29 mai 1876, Fr. 16 août & 3 sept. 1875, ISOTYPE

*Rosa fendleri* Crepin, Bull. Soc. Bot. Belg. 15: 91-93. 1876  
U.S.A.: New Mexico, San Miguel Co., Pecos River, *A.A. & E.G. Heller 3675*, 9 June 1897, TOPOTYPE

*Rosa fissispina* Wierzb. ex Heuff., Verb. Zool. Bot. Ges. Wien. 8: 102. 1858  
AUSTRIA: Banat, *Wierzbicki*, ISOTYPE

*Rosa granensis* Kmet, Sched. Fl. Exsicc. 2: 34. 1882  
HUNGARY: In valle fluvii Gran ad oppidum Schemnitz, *Kmet* (Fl. Ex. Austro-Hung. 469), ISOTYPE

*Rosa gutensteinensis* Jacq. f., Catal. hort. bot. univ. Vindob. 1821 p. 3; Syst. 4 Cur. Post. 200. 1827  
AUSTRIA: Gutenstein, *Richter* (Fl. ex. Austro-Hung. 461), TOPOTYPE

*Rosa hawrana* Kmet, Sched. Fl. Exsicc. 2: 38-39. 1882  
HUNGARY: montis Hawran ad oppidum S. Antal, *Kmet* (Fl. Ex. Austro-Hung. 478), ISOTYPE

*Rosa incana* Kitaibel in Schultes, Oesterr. Flora 2: 70. 1814  
HUNGARY: ad Schemnitz, *Kmet* (Fl. ex. Austro-Hung. 468), TOPOTYPE

*Rosa infesta* Kmet, Sched. Fl. Exsicc. 2: 32. 1882  
HUNGARY: Krnisov, *Kmet* (Fl. Ex. Austro-Hung. 462), ISOTYPE

*Rosa mareyana* Boullu, Bull. Soc. Bot. Belg. 15: 556. 1876  
FRANCE: Rhone, Marcy-l'Etoile, *A. Boullu*, 15 juin 1876, TYPE COLLECTION MATERIAL

*Rosa mirogojana* Vukotinovic & Braun, Fl. ex Aust.-Hung. 853  
EUROPE: Croatia, in monte Bienik-Mirogoj, *Vukotinovic*, ? ISOTYPE

*Rosa obornyana* Christ, Flora 60: 402. 1877; Sched. Fl. Exsicc. 2: 35. 1882  
HUNGARY: Moravia Kuhberge prope Znaim, *Oborny* (Fl. Ex. Austro- Hung. 471), TOPOTYPE

*Rosa pouzini* Tratt. var. *albidiflora* S. Pons, Publication unknown  
FRANCE: Pyrénées-Orientales, Corbère, *S. Pons*, 5 août 1895, ? TYPE COLLECTION MATERIAL

*Rosa pouzini* Tratt. var. *leptoclada* Boullu, Publication unknown  
FRANCE: Isère, Le Sappey, *A. Boullu*, 12 sept. 1876, ? TYPE COLLECTION MATERIAL

*Rosa properta* Boullu, Bull. Soc. Bot. Belg. 15: 571. 1876  
FRANCE: Rhone, Bonant, Craponne, *A. Boullu*, 4 Sept. 1875, TYPE COLLECTION MATERIAL

*Rosa pycnantha* Borbas, Magyar Akad. Termésez. Kozlem. 16: 438, 448. 1880  
HUNGARY: Regione Schemnitzii in monte Sytno, *Kmet* (Fl. Ex. Austro-Hung. 856),  
TOPOTYPE

*Rosa rhombifolia* Boullu, Bull. Soc. Bot. Fr. 23: 53-54. 1876  
FRANCE: Vignes de Bouilly (Rhone), *A. Boullu* (Soc. dauph. 1199), 25 juin 1876, ISOTYPE

*Rosa rouseauiorum* Boivin, Nat. can. 72: 225. 1945  
CANADA: Quebec, comté de Charlevoix, Les Eboulements, *B. Boivin 2450*, 27 juin 1938,  
ISOTYPE

*Rosa spinulifolia* Dematra var. *glabrescens* Boullu, En. Des. Ros. de l'Eur., l'Asie et l'Afr.  
FRANCE: Iser, Les Martinets, à la Ferrière d'Allevard. *A. Boullu 25 août 1873*, 11 sept. 1876  
(Soc. dauph. No. 1200), ? ISOTYPE

*Rosa sytnensis* Kmet ex Kerner, Sched. Fl. Exsicc. 2: 28. 1882  
HUNGARY: monte Sytno prope Schemnitz, *Kmet* (Fl. Ex. Austro-Hung. 438), ISOTYPE

*Rosa williamsii* Fernald, Rhod. 20: 95. 1918  
CANADA: Quebec, Cap Enragé, Bic, *A. Gosselin* (Pl. Ex. Gray. 665), 13-15 July 1936,  
TOPOTYPE

*Rosa woodsii* Lindley var. *hispida* Lindley  
CANADA: Alberta, Fort Saskatchewan, *G.H. Turner 1290, 1551*, 21 June 1939, 23 Aug. 1939,  
PARATYPES

*Rosa woodsii* Lindley var. *hispida* Turner, Can. Field-Nat. 63: 17. 1949  
CANADA: Alberta, Fort Saskatchewan, *G.H. Turner 1520*, 1 Aug. 1939, ISOTYPE

*Rosa zagrabiensis* Vukotinovics et Braun, Sched. Fl. Exsicc. 3: 55. 1883  
AUSTRIA: Croatia, Zagrabiam, *Vukotnovics* (Fl. Ex. Austro-Hung. 862), ISOTYPE

*Rouliniella colombiana* Vail, Bull. Torrey Bot. Club 29: 29: 663. 1902  
COLOMBIA: Santa Marta, *H.H. Smith 1668*, 1898-1901, ? ISOTYPE

*Roupala discolor* Rusby, Descriptions of Three Hundred New Species of South American Plants p. 12. 1920

COLUMBIA: Santa Marta, *H.H. Smith 901* (1898-1901), ? ISOTYPE

*Rubia fruticosa* Aiton, Hortus Kewensis, Ed. 1, 1: 147. 1789

CANARY ISLANDS: Tenerife, in vicin. pag. Santa Ursula, *E. Asplund*, 10 Mar. 1933, TOPOTYPE

*Rubia lucida* L., Syst. ed. 12, 732

FRANCE: Corsica, *M.F. Spencer*, 6 June 1914, TOPOTYPE

*Rubus adenanthus* Boul. & Gill. ex Rouy & Camus, Fl. France 6: 108. 1900

FRANCE: Saone et Loire, between Autun and St. Leger near Beauvrai, *Gillot*, 11 July 1881, ISOTYPE

*Rubus adenoleucus* Chaboisseau, Bull. Soc. Bot. Fr. 7: 267. 1860

FRANCE: Vienne, Pindray, pres de Montmorillon, *T. Chaboisseau*, 13 June and 31 Aug. 1861 (H. Sudre, Bat. Eur. fasc. 15, No. 716. 1917), TOPOTYPE

*Rubus adictus* G. Genev., Publication unknown

FRANCE: Nauta, Loire, *G. Genevier*, 5 July 1874, ? TYPE COLLECTION MATERIAL

*Rubus alaskensis* Bailey, Gentes Herb. 5: 30. 1941

U.S.A.: Alaska, Little Susitna Valley below Fishhook Inn, *J.P. Anderson 6981*, 27 June 1941, TOPOTYPE

*Rubus altyrahensis* Sprib. ssp. *misobachii* Sudre., Publication unknown

EUROPE: Saxonia, Dresden, *R. Missbach*, July 1907, ? TYPE COLLECTION MATERIAL

*Rubus apricus* Wimmer var. *subcalvatus* K. Fr., Publication unknown

DENMARK: Slesvig, Flensburg, *K. Friderichsen*, 31 July 1897, ? TYPE COLLECTION MATERIAL

*Rubus ×arenesi* G. Didier, Publication unknown

FRANCE: Oise, Route de Crépy en Valois à Paris, *Arènes & Didier 1172*, 25 July 1939, ? TYPE COLLECTION MATERIAL

*Rubus argenteus* W. & N. var. *brevistamineus* Sud., Bull. Soc. Bot. Fr. 58: 33. 1911, Rub. Eur. 260

FRANCE: Maine-et-Loire, St-Léger-du-Bois, près d'Angers, *G. Bouvet*, 30 June 1910 (Sudre, Batotheca Europaea Fasc. XV. 1917 No. 738), ? TYPE COLLECTION MATERIAL

*Rubus ×argutipetalus* Sudre, Rub. Pyr. 69. 1900

FRANCE: Ariège, le val d'Oriège, *B. de Retz 39054*, 28 July 1955, TOPOTYPE



*Rubus argyranthus* Boul. & Luc., Publication unknown  
FRANCE: Saone et Loire, Parc de Montjeu, *Lucand*, July/Sept. 1880, ? TYPE COLLECTION MATERIAL

*Rubus arrhenianthus* Friderichsen, Syn. Mitteleure. Fl. 6(1): 530. 1902  
EUROPE: Slesvigia meridionalis, Ostenfeld, *K. Friderichsen*, 6 Aug. 1897, ? TYPE COLLECTION MATERIAL

*Rubus aspreticolus* Lefev & P.J. Muell., Pollichia 16-17: 259-260. 1859  
FRANCE: Aisne, forêt de Retz, *Questier*, (Bat. Eur. 705), 1860, TOPOTYPE

*Rubus assurgens* Boul. & Bouv. ex Lefèv. Bull. Soc. Bot. Fr. 24: 224. 1877  
FRANCE: Maine et Loire, Rumiers near Angers, *Bouvet*, 17 July 1873, ? ISOTYPE

*Rubus atro-virescens* P.J. Müller, Conspectus fl. eur. 219. 1878  
EUROPE: Wissembourg (Bas-Rhin), *P. Müller*, 3 juillet 1862, (F. Schultz, herb. norm. Cent. 7, 651), ? TYPE - PUBLICATION NOT AVAILABLE

*Rubus avipes* Bailey, Gentes Herb. 5: 670-672. 1945  
U.S.A.: New York, Tompkins Co., Ithaca, *L.H. Bailey*, 3 June 1936, TOPOTYPE

*Rubus barbatus* Sabr., Exkursionsfl. ed. 3. 215. 1922  
EUROPE: Steyermark, Löchlan, Forstwald, *H. Sabransky*, July 1911, ? TYPE - PUBLICATION NOT AVAILABLE

*Rubus bayeri* Focke var. *gracilescens* Progel, Publication unknown  
EUROPE: Bavaria, Waldmünchen, Oberpfalz, *A. Progel*, ? TYPE COLLECTION MATERIAL

*Rubus bayeri* Focke var. *leptocalyx* Progel, Publication unknown  
EUROPE: Bavaria, Waldmünchen, Oberpfalz, *A. Progel*, ? TYPE COLLECTION MATERIAL

*Rubus ×bellissimus* Sabransky in Hayek, Fl. Steiermark 1: 787. 1909  
EUROPE: Stiria mediae orientalis, Söchau "Rumorgraben", *H. Sabransky*, July 1913, TOPOTYPE

*Rubus berolinensis* Krause in Verh., Bot. Ver. Brandenb. 26: 16. 1885  
EUROPE: Brandenburg, Spadan, *E. Krause*, 27 July 1879, ? TYPE - PUBLICATION NOT AVAILABLE

*Rubus bloxamii* Lees f. *propixus* K. Fr., Publication unknown  
DENMARK: Jutland, Kobbermolleskoven, *K. Friderichsen*, 9 Aug. 1927, ? TYPE COLLECTION MATERIAL

*Rubus bollei* Focke, Abh. naturw. Ver. Brem. 9: 405. 1892

CANARY ISLANDS: Tenerife, *R.P. Murray*, 19 June 1892, TOPOTYPE

*Rubus borbasiellus* Waisbecker, Publication unknown

HUNGARY: Bergwald in Güns, *A. Waisbecker*, 2 July 1894, ? TYPE COLLECTION MATERIAL

*Rubus caesius* L. f. *crispa* Kretzer, Publication unknown

GERMANY: Hannover, Müllinger Wald, *F. Kretzer*, 8 July 1894, ? TYPE COLLECTION MATERIAL

*Rubus caesius* L. f. *fallax* G. Br., Publication unknown

EUROPE: Lammer Busch, *Braunschweig*, 1 Sept. 1981, ? TYPE COLLECTION MATERIAL

*Rubus caesius* × *idaeus* × *glaucus* Kretzer, Publication unknown

GERMANY: Wesergebiets, (Braunschweig), Solling, Bofzen, *F. Kretzer*, 21 July 1896, ? TYPE COLLECTION MATERIAL

*Rubus caesius* × *macrophyllus* Utschn, Publication unknown

GERMANY: Silesiaca, Breslau, am Engelberg im Zobtengebirge, *C. Baenitz*, 16 July 1895, ? TYPE COLLECTION MATERIAL

*Rubus caesius* L. × *vestitus* W. & N. var. *fasciculatus* K. Fr., Publication unknown

DENMARK: Slesvig-Holsten, Haderslev, Halk, *K. Friderichsen*, 6 Aug. 1890, ? TYPE COLLECTION MATERIAL

*Rubus caflschii* Focke, Syn. Rub. Germ. 278. 1877

EUROPE: Augsburg, Liebentischwald, *Caflsch*, July 1872, ? ISOPTYPE

*Rubus canadensis* L. var. *micmacorum* Lepage, Nat. can. 94: 274- 275. 1967

CANADA: Quebec, Rivière-de-Loup Co., Ste. Françoise, *E. Lepage* 15377, 25 July 1966, ISOTYPE

*Rubus cardianus* Bailey, Gentes Herb. 5: 776-778. 1945

U.S.A.: New York, Tompkins Co., Ithaca, *L.H. Bailey* 261, 7 June 1945, TOPOTYPE

*Rubus centiformis* K. Fr. var. *egregiusculus* Fr. & G., Publication unknown

DENMARK: Slesvig-Holsten, Lyksborg, *K. Friderichsen*, 14 Aug. 1911, ? TYPE COLLECTION MATERIAL

*Rubus centiformis* K. Fr. var. *falsus* K. Fr., Publication unknown.

DENMARK: Slesvig-Holsten, Haderslev, Grarup, *K. Friderichsen*, 21 Sept. 1887, ? TYPE COLLECTION MATERIAL

*Rubus chassagnei* Sudre, Rub. Eur. p. 153, 265. 1913

FRANCE: Puy-de-Dome, *Dr. Chassagne*, 24 June 1912, ? TYPE - PUBLICATION NOT AVAILABLE

*Rubus chlorothyrsos* Focke, Publication unknown

EUROPE: Wollah bei Bremen, *W.O. Focke*, 14 Juli, 26 Sept., 1894, ? TYPE COLLECTION MATERIAL

*Rubus chlorothyrsus* Focke in Bremen, *Abh.* 2: 462. 1871

EUROPE: Zwischenahn westl. von Bremen, *Landstede*, 18 Juli 1884, ? TYPE - PUBLICATION NOT AVAILABLE

*Rubus clandestinus* Bailey, *Gentes Herb.* 5: 301-305. 1943

U.S.A.: West Virginia, Preston Co., Terra Alta Lake, *H.A. Davis 8850*, 23 June 1949, TOPOTYPE

*Rubus colemannii* Blox ssp. *sparsus* Sud., *Rubus Eur.* p. 119

FRANCE: Htes. Pyrénées, Cauterets, Vallée de Cambasque, *J. Prudhomme 553*, 25 Aug. 1955, TOPOTYPE

*Rubus commixtus* K. Frid. & Gelert var. *inacranthus* K. Fr., Publication unknown

DENMARK: Slesvig, *K. Friderichsen*, 7 Aug. 1891, ? TYPE COLLECTION MATERIAL

*Rubus concameratus* Davis & Davis, *Castanea* 18: 24-25. 1953

U.S.A.: West Virginia, Monongalia Co., entrance to Morgantown Country Club grounds, *H.A. Davis 10475*, 20 June 1953, TOPOTYPE

*Rubus conothyrsus* F. f. *rubens* Kretzer, Publication unknown

GERMANY: Hannover, Deister, Bennigsen, *F. Kretzer*, 28 July 1896, ? TYPE COLLECTION MATERIAL

*Rubus contractus* G. Br. f. *aspera* Kretzer, Publication unknown

EUROPE: Braunschweig, Stadtberg bei Eschershausen, *F. Kretzer*, 17 July 1894, ? TYPE COLLECTION MATERIAL

*Rubus contractus* G. Br. f. *nitida* Kretzer, Publication unknown

EUROPE: Braunschweig, Halle a. w., Eckberg, *F. Kretzer*, 16 July 1894, ? TYPE COLLECTION MATERIAL

*Rubus coraeanus* G. Genev., Publication unknown

FRANCE: Nantes, *G. Genevier*, 17 June 1870, ? TYPE COLLECTION MATERIAL

*Rubus cordifolius* Weihe & Nees, *Rubus Germ.* 21 t.5. 1822-27

GERMANY: Westfalen, Porta, Volmerdingsen, *F. Kretzer*, 14 July 1896, TOPOTYPE

*Rubus cordifolius* × *infestus* Kretzer, Publication unknown  
EUROPE: Westfalen, Porta, *F. Kretzer*, 14 July 1896, ? TYPE COLLECTION MATERIAL

*Rubus cordifrons* Borb. var. *echinocalyx* Zabransky, Publication unknown  
HUNGARY: *D. Sabransky*, July 1892, ? TYPE COLLECTION MATERIAL

*Rubus cornubiensis* Rilstone, J. Linn. Soc. London, Bot. 53: 413- 414. 1950  
ENGLAND: W Cornwall, Lambourne, *F. Rilstone 4901*, July 1949, ISOTYPE

*Rubus corylifolius* (Sm.) Ag. ssp. *ostenfriessi* K. Fr. f. *conferta* K. Fr., Publication unknown  
DENMARK: Slesvig, *K. Friderichsen*, 2 July 1889, ? TYPE COLLECTION MATERIAL

*Rubus corylifolius* (Sm.) Ag. var. *semi-lindebergii* K. Fr., Publication unknown  
DENMARK: Slesvig-Holsten, Haderslev, Aastrup, *K. Friderichsen*, 20 July, 13 Aug. 1891, ?  
TYPE COLLECTION MATERIAL

*Rubus corylifolius* (Sm.) Ag. ssp. *syringophyllus* K. Fr., Publication unknown  
DENMARK: Slesvigia, Ostenfeld-Orsted, *K. Friderichsen*, 8 July 1894, ? TYPE COLLECTION  
MATERIAL

*Rubus crispifolius* A. Goetz, Publication unknown  
EUROPE: Badellae, Gneisabhänge im Elzthal bei Waldkirch im Breisgau, *A. Goetz*, 12 July  
1895, ? TYPE COLLECTION MATERIAL

*Rubus cuneifolius* Pursh var. *spiniceps* Bailey, Gentes Herb. 5: 431. 1943  
U.S.A.: Connecticut, New Haven Co., North Guilford, *G.H. Bartlett*, 13 June 1924, TOPOTYPE

*Rubus cylindraceus* Genev., Publication unknown  
FRANCE: Sauvie, Conflans, *Perrier de la Bathie*, 14 July 1862, ? TYPE COLLECTION  
MATERIAL

*Rubus decorus* Halácsy, Sched. Fl. ex. Aust.-Hung. 848  
AUSTRIA: in demetis montis Semmering supra stationem Klamm, *Halácsy*, ISOTYPE

*Rubus densissimus* Davis & Davis, Castanea 8: 29-30. 1953  
U.S.A.: West Virginia, Monongalia Co., Morgantown, *Davis 10474*, 20 June 1953, TOPOTYPE

*Rubus dilatatus* Boulay & Letendre ex Rouy & Camus, Fl. France 6: 137. 1900  
FRANCE: Seine-Inférieure, Rouen: Dieppedalle, *Letendre*, 1874, ? ISOTYPE

*Rubus discertifomis* Sudre, Rubi Europae 248. 1913  
FRANCE: Sarthe, Traugé, a la Groirie, *A. Henry*, 25 July 1911, ? ISOTYPE

*Rubus dissimilans* Lindley var. *selectus* K. Fr., Publication unknown

DENMARK: Slesvig, Haderslev, *K. Friderichsen*, 28 June 1883, ? TYPE COLLECTION MATERIAL

*Rubus dryades* Sabr., Herb. Europ. Lief. 53, n544/3

HUNGARY: Posenii, *H. Sabransky*, 5 July 1888, ? TYPE - PUBLICATION NOT AVAILABLE

*Rubus dumetorum* Wh. & N. f. *cordifolia* Kretzer, Publication unknown

GERMANY: Hildesheim, Asel, in einer Hecke, *F. Kretzer*, 17 July 1898, ? TYPE COLLECTION MATERIAL

*Rubus dumetorum* Schlecht. f. *squarrosa* G. Braun, Publication unknown

GERMANY: Riddagshausen, *Braunschweig*, 4 July 1882, ? TYPE COLLECTION MATERIAL

*Rubus durimontanus* Sabr. in Hayek, Sched. Fl. Stir. 5-6. 13. 1905

EUROPE: Oststeiermark, Söchau, Hartberg, *H. Sabransky*, July 1911, ? TYPE - PUBLICATION NOT AVAILABLE

*Rubus durotrigum* R.P. Murray, Journ. Bot. 30: 15-16. 1892

ENGLAND: Dorset, Charlton Down, *R.P. Murray*, 27 July 1891, ISOTYPE

*Rubus fabrimontanus* Spribille, Jahr. Schl. Ges. 108. 1905

GERMANY: Silésie, Hirschberg, *Spribille*, 20 July 1906, ? TYPE - PUBLICATION NOT AVAILABLE

*Rubus ×falsicorymbosus* Didier, Publication unknown

FRANCE: Voges, Ventron, *G. Didier* 895, 4 Aug. 1946, ? TYPE COLLECTION MATERIAL

*Rubus fasciculatus* P.J.M. var. *ambifarius* P.J.M. f. *nostras* F. & G., Publication unknown

DENMARK: Jutland, Kjellerup, Vium, *K. Friderichsen*, 17 July 1913, ? TYPE COLLECTION MATERIAL

*Rubus ×ferryi* Didier, Publication unknown

FRANCE: Bas-Rhin, entre Saales et Bourg Bruche, *G. Didier* 844, 22 Jan. 1948, ? TYPE COLLECTION MATERIAL

*Rubus fionia* K. Fr. & Gelert, Bot. Tidsskr. 16: 115. 1888

EUROPE: Sl. Steubjergnejer, *O. Gelert*, 6 Aug. 1895, ? TYPE - PUBLICATION NOT AVAILABLE

*Rubus flavidulus* Sudre, Bull. Soc. Bot. Fr. 1912: 66

FRANCE: Cantal, St-Pouey, près de Lair, *J.-B. Charbonnel*, 27 July 1912 (Sudre, Bat. Eur. 15 No. 744), ? ISOTYPE

*Rubus flensburgensis* K. Fr., Handb. Daanske Fl. ed. 4, 787, 1888  
DENMARK: Slesvig, Flensburg, *K. Friderichsen*, 5 Aug. 1884, TYPE COLLECTION MATERIAL

*Rubus foliosus* Wh. & N. f. *rotundifolia* Kretzer, Publication unknown  
EUROPE: Braunschweig, Kirchbrak, Wabach, *F. Kretzer*, 17 Aug. 1894, ? TYPE COLLECTION MATERIAL

*Rubus fridericksenii* Lange var. *trichoanthera* K. Fr., Publication unknown  
DENMARK: Slesvig-Holsten, Angel, road between Kvaern and Bjerg, *O. Gelert*, Aug. 1885, ? TYPE COLLECTION MATERIAL

*Rubus friscus* Friderichsen, Syn. Mitteleur. Fl. 6(1): 632. 1903  
EUROPE: Slesvig, *K. Friderichsen*, 17 June 1894, 15 Aug. 1897, TYPE COLLECTION MATERIAL

*Rubus fritschii* Sabr. apud Hayek, Sched. Fl. Stir. Exsicc. 7: 15. 1906  
EUROPE: Söschau, *H. Sabransky*, July 1913, ? TYPE - PUBLICATION NOT AVAILABLE

*Rubus fryei* Davis & Davis, Castanea 8: 26. 1953  
U.S.A.: West Virginia, Hampshire Co., Gunbarrel Hollow near Cacapon Bridge, *H.A. Davis* 10476, 1 July 1953, TOPOTYPE

*Rubus gelertii* K. Friderichsen, Bot. Tidsskr. 15: 237. 1886  
EUROPE: Slesvig, *K. Friderichsen*, 10/8, 1882, ? ISOTYPE

*Rubus glandicaulis* Blanchard, Rhod. 8: 172-173. 1906  
U.S.A.: Maine, Kennebunk, *W.H. Blanchard*, 14 July 1905, ISOTYPE

*Rubus glaucovirens* Maass var. *mollis* Kretzer, Publication unknown  
DENMARK: Harz, Oker, nord Hahnenberge, *F. Kretzer*, 27 July 1885, ? TYPE COLLECTION MATERIAL

*Rubus gossypiatius* Boul. ex Rouy & Camus, Fl. France 6: 130. 1900; Sud. Rub Eur. 161  
FRANCE: Vosages, Saint-Dié, *Boulay*, 6 July 1869, ISOTYPE

*Rubus gothicus* K. Fr. & O.G. var. *radulaeformis* F. & G., Publication unknown  
DENMARK: Slesvig-Holsten, Flensburg, Engelsberg, *K. Friderichsen*, 5 Aug. 1893, ? TYPE COLLECTION MATERIAL

*Rubus gracilescens* Progel, Bericht. Bot. Ver. Landshut 7: 104. 1882  
EUROPE: Bayern, Waldmünchen, *Progel*, 20 July 1887, ? TYPE - PUBLICATION NOT AVAILABLE

*Rubus gracilis* Holuby var. *sericeus* Progel, Publication unknown  
EUROPE: Bavaria, Waldmünchen, *A. Progel*, July 1855, ? TYPE COLLECTION MATERIAL

*Rubus granulatus* Lefèv. & P.J. Muell., Pollichia 16-17: 134-135. 1859  
FRANCE: Htes. Pyrénées, Cauterets, Vallée de Lutour, *J. Prudhomme* 550, 24 Aug. 1955,  
TOPOTYPE

*Rubus gratus* Focke in Alpers, Verz. Gefaesspfl. Stade 26  
EUROPE: Bremen, *W.O. Focke*, Sommer 1879, ? TYPE - PUBLICATION NOT AVAILABLE

*Rubus gratus* Focke f. *eriocarpus* K. Fr., Publication unknown  
DENMARK: Müglitzthal, *Haufmann*, 16 June 1899, ? TYPE COLLECTION MATERIAL

*Rubus griffithianus* Rogers in J.E. Griffith, Fl. Angles and Carnav. 48. 1895  
WALES: Bangor, Carnarvonshire, *J.E. Griffith*, 1891, ? TYPE - PUBLICATION NOT  
AVAILABLE

*Rubus griffithiannus* Rogers f. *vestidifolius* K. Fr., Publication unknown  
DENMARK: Lylland, *K. Friderichsen*, 4 Aug. 1927, ? TYPE COLLECTION MATERIAL

*Rubus guentheri* Uh. & N. var. *approximatus* Götz., Publication unknown  
EUROPE: Badeniae, Siegelau bei Waldkirch (Elzthal.), *A. Götz*, 15 July 1899, ? TYPE  
COLLECTION MATERIAL

*Rubus guentheri* Weihe & Nees var. *chlorosericeus* Sabransky, Publication unknown  
EUROPE: Hütteldorf, *Sabransky*, July 1886, ? TYPE COLLECTION MATERIAL

*Rubus guentheri* W. & N. var. *patulus* Götz, Publication unknown  
GERMANY: Badeniae, Capwald in Siegelau bei Waldkirch, *A. Götz*, 10 July 1899, ? TYPE  
COLLECTION MATERIAL

*Rubus guentheri* W. & N. f. *stricta* Götz, Publication unknown  
GERMANY: Badeniae, Capwald in Siegelau bei Waldkirch, *A. Götz*, 10 July 1899, ? TYPE  
COLLECTION MATERIAL

*Rubus guentheri* ×*villicaulis* Utsch, Publication unknown  
EUROPE: Silesiaca, Breslau, *C. Baenitz*, 16 July 1895, ? TYPE COLLECTION MATERIAL

*Rubus guentheri* Wh. A. var. *wobstii* Hofmann, Publication unknown  
EUROPE: Saxonica, *H. Hofmann*, 4 July 1895, ? TYPE COLLECTION MATERIAL

*Rubus hercynicus* G. Br. var. *lasiocladus* Progel, Publication unknown  
GERMANY: Bavariae, Waldmünchen, *A. Progel*, July 1888, ? TYPE COLLECTION  
MATERIAL

*Rubus heterophyllus* Utsh, Publication unknown  
EUROPE: Bavaria, Freyung V.W., Hüttenwald bei Bierhütte, *O. Prechtelsbauer*, 6 Aug. 1897, ?  
TYPE COLLECTION MATERIAL

*Rubus hirsutus* Wirtg. f. *ternata* K. Fr., Publication unknown  
DENMARK: Slesvig-Holsten, Husum, Ostenfeld/Rot, *Friderichsen & Gelert*, 26 July 1898, ?  
TYPE COLLECTION MATERIAL

*Rubus hirtus* W. & K. var. *melanochlamys* Progel, Publication unknown  
GERMANY: Waldmünchen, *Progel*, Aug. 1883, ? TYPE COLLECTION MATERIAL

*Rubus hirtus* W. & K. var. *multisetosus* Progel, Publication unknown  
GERMANY: Bavariae, Waldmünchen, Oberpfalz, *A. Progel*, ? TYPE COLLECTION MATERIAL

*Rubus hirtus* W. & K. var. *rotundifrons* Sabransky, Publication unknown  
GERMANY: bei Pressburg, *Sabransky*, July 1892, ? TYPE COLLECTION MATERIAL

*Rubus hofmanni* Sudre, *Bat. Europ.* 4: 62. 1906  
EUROPE: Söchau, Dresden, *H. Hofmann*, 29 June, 19 Aug. 1908, ? TYPE - PUBLICATION NOT AVAILABLE

*Rubus hololeuroides* Sudre, *Rub. Eur.* 261. 1913  
FRANCE: Cantal, La Chapelle-Laurent, *J.-B. Charbonnel*, 10 Aug. 1910, (*Sudre, Bat. Eur.* 15, 740, 1917), ? TYPE - PUBLICATION NOT AVAILABLE

*Rubus humifusus* W N. var. *fonticolus* Sabr., Publication unknown  
EUROPE: Söchau, Forstwald, *H. Sabransky*, July 1915, ? TYPE COLLECTION MATERIAL

*Rubus huttonii* Bailey, *Gentes Herb* 7: 206-208. 1947  
CULTIVATED: root from Hutton, W Va., 1942, grown in garden, Ithaca, New York, *L.H. Bailey*, 27 June 1946, HORTOTYPE

*Rubus hypomalacus* Focke, *Syn. Rub. Germ.* 274. 1877  
GERMANY: Bentheim, *W.O. Focke*, 6 July 1884, ? TYPE COLLECTION MATERIAL

*Rubus hystricibus* × *vestitus leucanthemus* Didier, Publication unknown  
FRANCE: Vosges, Saulxures sur Moselotte, au Bambois de Bâmont, *G. Didier* 1174, 3 Sept. 1939, ? TYPE COLLECTION MATERIAL

*Rubus hystricopsis* K. Fr., Publication unknown  
DENMARK: Lusvig, Ostenfeld, *K. Friderichsen*, 2 Aug. 1895, ? TYPE COLLECTION MATERIAL



*Rubus hystricopsis* K. Fr., Publication unknown  
DENMARK: Slesvig-Holsten, between Ostenfeld and Vinnert, *K. Friderichsen*, 19 Aug. 1898, ?  
TYPE COLLECTION MATERIAL

*Rubus hystricopsis* K. Fr. f. *affinis* K. Fr., Publication unknown  
DENMARK: Slesvig-Holsten, at Freesenholt, *O. Ranke*, 13 July, 16 Sept. 1897, ? TYPE  
COLLECTION MATERIAL

*Rubus hystricopsis* K. Fr. f. *subbomacanthus* K. Fr., Publication unknown  
DENMARK: Slesvig-Holsten, Ostenfeld, Rot, *K. Frederichsen*, 18 Aug. 1895, ? TYPE  
COLLECTION MATERIAL

*Rubus idaeiformis* Sudre & Hofmann, Bull. Soc. Bot. Fr. t. 58: 37. 1911  
GERMANY: Saxonia, Grossenhain près de Leckwitz, *H. Hofmann* 19 June & 15 July 1908  
(Sudre, Bat. Eur. 15, No. 720, 1917), ISOTYPE

*Rubus idaeus* L. var. *aculeatissimus* R.&T. f. *erythrochlamydeus* Boivin  
CANADA: Saskatchewan, Elbourne, *R.C. Russell* 3786, 9 July 1947, PARATYPE

*Rubus idaeus* L. var. *aculeatissimus* Regel & Tiling f. *erythrochlamydeus* Boivin, Bul. Soc. Bot.  
France 102(5- 6): 238. 1955  
CANADA: Yukon, Stewart Landing, *Gillett & Mitchell* 4072, 27 July 1949, HOLOTYPE

*Rubus idaeus* L. f. *longisepala* Lindb. f., Pl. Fin. Ex. 1976  
FINLAND: Regio Aböensis, par Lojo, ins. Jalassaari juxta villulam Ekeberga, *H. Lindberg*, 11  
June 1936, ISOTYPE

*Rubus idaeus* × *occidentalis* Focke, Publication unknown  
CULTIVATED: Bremen, *Focke*, 1883, ? TYPE COLLECTION MATERIAL

*Rubus imitabilis* K. Fr. var. *aberrans* K. Fr., Publication unknown  
DENMARK: Slesvig-Holsten, Haderslev, Halk, *K. Friderichsen*, 6 Aug. 1890, ? TYPE  
COLLECTION MATERIAL

*Rubus imitabilis* K. Fr. f. *affinis* K. Fr., Publication unknown  
DENMARK: Slesvig-Holsten, Haderslev, between Mastrup and Hoptrup, *K. Friderichsen*, 18  
July 1891, ? TYPE COLLECTION MATERIAL

*Rubus incultus* Wurtg. ssp. *glaucescens* Sabr., Publication unknown  
HUNGARY: *Sabransky*, July 1890, ? TYPE COLLECTION MATERIAL

*Rubus infestus* K. Fr., Publication unknown  
DENMARK: Mellan Neumukle, *F. Lidforn*, July 1896, ? TYPE COLLECTION MATERIAL

- Rubus insericatus* P.J.M. var. *barbatus* Sabr., Publication unknown  
EUROPE: Stiriae mediae, Souchau, Forstwald, *H. Sabransky*, July 1915, ? TYPE  
COLLECTION MATERIAL
- Rubus irroratus* Progel ex Sabransky, Deutsche Bot. Monatsschr. 8: 6. 1890  
EUROPE: Bavaria, Waldmünchen, Oberpfalz, *A. Progel*, ? TYPE COLLECTION MATERIAL
- Rubus jamaicensis* L. Mantissa plantarum 1: 75. 1771  
JAMAICA: Port Royals Mts., *L.H. Bailey* 445, 2 Apr. 1948, TOPOTYPE
- Rubus jejunus* Bailey in Hanes & Hanes, Fl. Kalamazoo Co., Michigan 138. 1947  
CULTIVATED: grown in garden, Ithica, New York from root from Sect. 30, Pavilion Twp.,  
Kalamazoo Co., Michigan (*Hanes 1698*), HORTOTYPE
- Rubus khekii* Holuby, Deutsche Bot. Monatsschr. 9: 113-114. 1891  
HUNGARY: Nordlich von Bosác, *Holuby & Khek*, 30 July 1895, TOPOTYPE
- Rubus köhlei* W. & N. f. *fl. subtus alter-tomentosis* Progel, Publication unknown  
EUROPE: Bavaria, Waldmünchen, Oberpfalz, *A. Progel*, ? TYPE COLLECTION MATERIAL
- Rubus krasani* Sabr., in Hayek Flora von Sterermark 1: 771-772. 1909  
EUROPE: Sterermark, Söchau, *H. Sabransky*, July 1911, TOPOTYPE
- Rubus krotoshinensis* Spibille, Z.N.O. Posen 144. 1902  
GERMANY: Silésie, Krotoschin, *Spibille*, Sudre, (Bat. Eur. fasc. 15: 723, 1917), 11 July, 2  
Aug. 1906, TOPOTYPE
- Rubus laetevirens* Sudre, Rub. Pyr. 35. 1899  
EUROPE: Bavaria, Waldmünchen, Oberpfalz, *A. Progel*, ? TYPE - PUBLICATION NOT  
AVAILABLE
- Rubus lamburnensis* Rilstone, Journ. Linn. Soc. London, Bot. 53: 415. 1950  
ENGLAND: W Cornwall, Lambourne Hill, Perranzabuloe, *F. Rilstone* 4903, July 1949,  
ISOTYPE
- Rubus lanceolatus* Waisbecker, Flora von Güns 61. 1891  
HUNGARY: Waldthal in Güns, *A. Waisbecker*, 7 July 1895, ? TYPE - PUBLICATION NOT  
AVAILABLE
- Rubus laxiflorus* Halácsy, Fl. Ex. Aust.-Hung. 851  
AUSTRIA: prope pagum Payerbach, *Halácsy*, ISOTYPE
- Rubus lepagei* Bailey, Gentes Herb. 5: 482-485. 1944

CANADA: Quebec, Rimouski Co., Rivière Rimouski, *E. Lepage 12456*, 22 juil. 1950,  
TOPOTYPE

*Rubus leucandrus* Focke in Alpers, Verz. Gefaesspfl, Stade 27  
EUROPE: Bremen, Rolling, *W.O. Focke*, 24 juli 1887, ? TYPE - PUBLICATION NOT  
AVAILABLE

*Rubus leucandrus* Focke f. *umbrosa* ? Focke, Publication unknown  
GERMANY: Bremen, *Beckmann*, 1886, ? TYPE COLLECTION MATERIAL

*Rubus leyanus* Rogers, Journ. Bot. 33: 81. 1895  
ENGLAND: S. Wilts, *E.J. Tatnm*, Aug. 1890, ? TYPE COLLECTION MATERIAL

*Rubus longipetiolatus* R. Heilsen, Publication unknown  
? GERMANY: Kreise Westhavellend, *R. Heilsen*, July 1896, ? TYPE COLLECTION  
MATERIAL

*Rubus lutacanthos* K. Fr. var. *subrosaeus* K. Fr., Publication unknown  
DENMARK: Slesvig, Ostenfeld, *K. Friderichsen*, 18 Aug. 1895, ? TYPE COLLECTION  
MATERIAL

*Rubus macropetalus* Müll. & Lef. var. *falsibifrons* Didier, Publication unknown  
FRANCE: Seine, Bois de Vincennes, *G. Didier 1042*, 12 June 1945, ? TYPE COLLECTION  
MATERIAL

*Rubus macrophyloides* Utsch, Publication unknown  
EUROPE: Silesia, Breslau, *C. Baenitz*, 20 July 1896, ? TYPE COLLECTION MATERIAL

*Rubus macrophyllus* W. & N. ssp. *anadicus* Sabr., Publication unknown  
EUROPE: Posonii, *Sabransky*, July 1887, ? TYPE COLLECTION MATERIAL

*Rubus macrophyllus* W. & N. f. *sollingiaea* Kretzer, Publication unknown  
EUROPE: Bâunschweig, bei Boffzen, *F. Kretzer*, 18 July 1897, ? TYPE COLLECTION  
MATERIAL

*Rubus maximus* Marsson, Fl. Neuvorpomm. 151. 1869  
EUROPE: Tyroland, Usedom, *F.W.C. Arischaüg*, 3 Aug. 1887, ? TYPE - PUBLICATION NOT  
AVAILABLE

*Rubus maximus* Marsson var. *sinuatus* K. Fr., Publication unknown  
DENMARK: Slesvig, *K. Friderichsen*, 22 June 1889, ? TYPE COLLECTION MATERIAL

*Rubus* × *melinei* Didier, Publication unknown  
FRANCE: Vosges, *G. Didier 695*, 14 June 1947, ? TYPE COLLECTION MATERIAL

*Rubus menkei* Wh. & N. f. *diversifolia* Kretzer, Publication unknown  
EUROPE: Braunschweig, Fürstenberg, *F. Kretzer*, 19 July 1897, ? TYPE COLLECTION MATERIAL

*Rubus menkei* W. & N. var. *propexus* K. Fr., Publication unknown  
DENMARK: Slesvig-Holsten, Flensburg, Kollund, *K. Friderichsen*, 11 Aug. 1911, ? TYPE COLLECTION MATERIAL

*Rubus menkei* Wh. & N. f. *viridis* Kretzer, Publication unknown  
EUROPE: Braunschweig, *F. Kretzer*, 21 July 1896, ? TYPE COLLECTION MATERIAL

*Rubus mercicus* Bagnall var. *chrysoxylon* Rogers, Publication unknown  
ENGLAND: Carnarvonshire, Bangor, *J.E. Griffith*, 1894, ? TYPE COLLECTION MATERIAL

*Rubus mesogens* Focke var. *adenothrix* Momiyama, Publication unknown  
JAPAN: Mt. Tateyama, *T. Makino*, 1935, ? TYPE COLLECTION MATERIAL

*Rubus micans* God. ssp. *subrotundus* Sud. var. *ramosipes* Sud, Rub. Eur. 265. 1913  
FRANCE: Cantal, La Chapelle-Laurent, route d'Alby,  
*J.-B. Charbonnei* (Sudre Bat. Eur. Fasc. XV. 1917, No. 745), ? TYPE COLLECTION MATERIAL

*Rubus milliformis* K. Fr. & Gelert ssp. *hystricopsis* K. Fr. var. *subrosaceus* K. Fr., Publication unknown  
DENMARK: Slesvorigna, *K. Friderichsen*, 18 Aug. 1895, ? TYPE COLLECTION MATERIAL

*Rubus milliformis* K. Fr. & Gelert var. *vernus* K. Fr., Publication unknown  
DENMARK: Slesvig, Fladensen, Enlev., *K. Friderichsen*, 15 June 1890, ? TYPE COLLECTION MATERIAL

*Rubus miscix* Bailey, Gentes Herb. 1: 257. 1925; Rhod. 8: 174. 1906  
U.S.A.: Maine, Saco Church, Arundel, *W.H. Blanchard*, 12 July 1905, ISOTYPE

*Rubus mucronatus* Blox. var. *drejeriformis* K. Fr., Publication unknown  
DENMARK: Slesvig-Holsten, Rendsborg, Hohn, *O. Gelert*, 4 Aug. 1898, ? TYPE COLLECTION MATERIAL

*Rubus mucronatus* Blox. ssp. *rosaceiformis* K. Fr., Publication unknown  
DENMARK: Graasten, Rinkenaes-skoven, *K. Friderichsen*, 31 July 1927, ? TYPE COLLECTION MATERIAL

*Rubus* ×*multicorymbosus* Didier, Publication unknown  
FRANCE: Voges, *G. Didier* 859, 21 July 1946, ? TYPE COLLECTION MATERIAL

*Rubus mucronatus* Blox. var. *pseudogregnus* Gelert, Publication unknown  
DENMARK: Slesvig-Holsten, Rendsborg, Hohn, *O. Gelert*, 4 Aug. 1898, ? TYPE  
COLLECTION MATERIAL

*Rubus myricanthus* Focke in Bremen, Abh. 2: 467. 1871  
EUROPE: Settenbeck bei Bremen, *W.O. Focke*, 10 juli 1887, ? TYPE - PUBLICATION NOT  
AVAILABLE

*Rubus neumanii* K. Fr. f. *incisa* K. Fr., Publication unknown  
SWEDEN: Sverige, Kalmar Län, Gränsö by Westervik, *H. Allander*, 29 July 1930, ? TYPE  
COLLECTION MATERIAL

*Rubus neumanii* K. Fr. f. *subumbroso* K. Fr., Publication unknown  
SWEDEN: Kalmar län, Gränsö at Västervik, *A. Allander*, 29 July 1930, ? TYPE COLLECTION  
MATERIAL

*Rubus newbouldianus* Rilstone, J. Linn. Soc. London, Bot. 53: 417- 418. 1950  
ENGLAND: W Cornwall, Lambourne, *F. Rilstone 4905*, July 1949, ISOTYPE

*Rubus* ×*nicklesii* Didier, Publication unknown  
FRANCE: Haut Rhin, en amont de Ribeauville, *G. Didier 751*, 28 June 1947, ? TYPE  
COLLECTION MATERIAL

*Rubus orarius* Blanchard, Rhod. 8: 169-170. 1906  
U.S.A.: Maine, Southwestern Coast, *W.H. Blanchard*, 25 Aug., 1 Sept. 1905, ? PARATYPE

*Rubus oreogeton* F. f. *virida* Kretzer, Publication unknown  
EUROPE: Braunschweig, Halle a. W., Eckberg, *F. Kretzer*, 16 July 1894, ? TYPE  
COLLECTION MATERIAL

*Rubus ostenfeldii* K. Friderichsen in Raunkiaer, Dansk. Exkursionsfl. ed. 3, 36. 1914  
EUROPE: Slesvig-Holsten, Hammelev, *K. Friderichsen*, 23 June 1890, ? TYPE -  
PUBLICATION NOT AVAILABLE

*Rubus pallidus* Wh. & N. ssp. *lockrii* (Wirtg.) var. *leptopetalus* K. Fr., Publication unknown  
ENGLAND: Herfordshire, Howle Hill, *W.M. Rogers*, 14 Aug. 1891, ? TYPE COLLECTION  
MATERIAL

*Rubus pallidus* ×*vestitus* Kretzer, Publication unknown  
EUROPE: Braunschweig, Halle a. W., Birk, *F. Kretzer*, 16 July 1894, ? TYPE COLLECTION  
MATERIAL

*Rubus paracaulis* Bailey, Gentes Herb. 5: 33-34. 1941  
CANADA: Saskatchewan, 7 mi. E of McKague, *A.J. Breitung 583*, 22 June 1940, ISOTYPE

*Rubus parviflorus* Nutt. var. *velutinus* (Hook. & Arn.) Greene f. *paratrichophorus* Fassett, Ann. Mo. Bot. Gard. 28: 325. 1941

U.S.A.: California, Palo Colorado Canyon, Santa Lucia Mts., about 12 miles south of Carmel, M.E. Mathias 1389, 7 Aug. 1938, ISOTYPE

*Rubus pastoralis* Sabr., Rub. Eur. 262. 1913

AUSTRIA: Styrie orient, Soechau, H. Sabransky, (Sudre-Batotheca Europaea-Fasc. XV. 1917, No. 741), June 1911, ISOTYPE

*Rubus pedemontanus* Pinkwort, Deutsch. Bot. Monatsschr 16: 131- 132. 1898

EUROPE: Bùrgerberge bei Goldberg, Pinkwort, 26 Sept. 1897, ISOTYPE

*Rubus peltaefolius* Progel in Ber. Bot. Ver. Landshut 8: 107. 1882

EUROPE: Bavaria, Waldmùnchen, Oberpfalz, A. Progel, juli 1886, ? TYPE - PUBLICATION NOT AVAILABLE

*Rubus phylloglotta* Friderichsen, Bot. Centralbl. 128: 684. 1915

DENMARK: Slesvig-Holsten, Freesen Delf, K. Friderichsen, 14 July 1897, ? TYPE - PUBLICATION NOT AVAILABLE

*Rubus phylloglotta* K. Fr. in Raunkiaer Dansk. Exkursionfl. ed. 3, 36. 1914; Bot. Centralbl. 128: 684. 1915

DENMARK: Slesvig-Holsten, Freesen Delf, K. Friderichsen, 14 July 1897, TYPE COLLECTION MATERIAL

*Rubus pilocarpus* Gremlì ssp. *gremlianus* Hayek, Publication unknown

EUROPE: Stiria media, H. Sabransky, July 1910 (Dr. A.V. Hayek Flora stiriaca exsiccata), ? TYPE COLLECTION MATERIAL

*Rubus platyanthus* Sudre, Rub. Eur. 247. 1913

FRANCE: Vosges, La Neuveville, A. Biau, 5 July, 15 Aug. 1910, (Sudre. Bat. Eur. 15: 707. 1917), ? TYPE - PUBLICATION NOT AVAILABLE

*Rubus platyphyllos* G. Br. f. *rosea* Kretzer, Publication unknown

GERMANY: Hannover, Deister, Steinkrug, F. Kretzer, 7 July 1897, ? TYPE COLLECTION MATERIAL

*Rubus plicatus* × *hypomalacus* Kretzer, Publication unknown

EUROPE: Braunschweig, Eschershausen, F. Kretzer, 17 July 1894, ? TYPE COLLECTION MATERIAL

*Rubus polyacanthus* Boulay, Ronc. Vosg. 87. 1868

FRANCE: Vosges, Saulxures au Bambois de Bâmont, G. Didier 689, 14 June 1947, TOPOTYPE

*Rubus polycarpus* G. Br. f. *subinermis* Kretzer, Publication unknown  
EUROPE: Westharz, Waldrand über Herrhausen, *F. Kretzer*, 8 July 1891, ? TYPE  
COLLECTION MATERIAL

*Rubus polychaetus* Boul. & Let., Publication unknown  
FRANCE: Seine-Inf., Rouen, val de la Haye, *Letendre*, 1874, ? TYPE COLLECTION  
MATERIAL

*Rubus porphyracanthos* F. f. *aprica* ? Kretzer, Publication unknown  
EUROPE: Westfalen, Porta Westphalica, Hausberge, *F. Kretzer*, 10 July 1897, ? TYPE  
COLLECTION MATERIAL

*Rubus porphyracanthos* F. f. *fissa* Kretzer, Publication unknown  
EUROPE: Westfalen, Porta Westphalica, *F. Kretzer*, 11 July 1897, ? TYPE COLLECTION  
MATERIAL

*Rubus porphyracanthus* F. f. *multiylandulosa* Kretzer, Publication unknown  
EUROPE: Westfalen, Porta, Volmerdingsen, *F. Kretzer*, 14 July 1896, ? TYPE COLLECTION  
MATERIAL

*Rubus posoniensis* Sabr., Deutsche Bot. Monatsschr. 4: 5. 1886  
HUNGARY: Pfefferberg ad Posonien, *Sabransky*, July 1890, TOPOTYPE

*Rubus pothradiensis* Hol., Publication unknown  
HUNGARY: prope Zemauske, *Holuby*, 26 June 1884, ? TYPE COLLECTION MATERIAL

*Rubus prasinus* Focke, Abh. 1: 302. 1867  
EUROPE: Lerum bei Bremen, *Beckmann*, juli 1886, ? TYPE - PUBLICATION NOT  
AVAILABLE

*Rubus pratensis* Bailey, Gentes Herb. 5: 735-736. 1945  
U.S.A.: Missouri, Cooper Co., *B.F. Bush 14846*, 29 May 1935, TOPOTYPE

*Rubus propexus* K. Fr., Bot. Tidsskr. 16: 236. 1888  
EUROPE: Slesvigia meridionalis ad Holtenau, *K. Friderichsen 71*, 4 Sept. 1894, TOPOTYPE

*Rubus pseudo-sieboldii* Makino, Journ. Jap. Bot. 3: 46. 1926  
JAPAN: Wakayama Pref., Shingu, Shingu City, *T. Makino*, 1924, ISOTYPE

*Rubus pseudothyrsanthus* K. Fr. & Gelert, Publication unknown  
DENMARK: Funen, Pipstorn Skov. near Faaborg, *A.E. Anderson*, 7 July, 17 Aug. 1895, ? TYPE  
COLLECTION MATERIAL

*Rubus pubescens* Weike var. *subinermis* Rogers, Publication unknown

ENGLAND: S. Hants, Barton Common, *W.M. Rogers*, 19 June 1894, ? TYPE COLLECTION MATERIAL

*Rubus pydarensis* Rilstone, Jour. Bot. London 78: 3. 1940  
ENGLAND: W Cornwall, Ventonvase, Perranzabuloe, 23 July 1952, TOPOTYPE

*Rubus pyramidalis* Kaltb. var. *sitiens* Hofmann, Publication unknown  
GERMANY: Dahlen, *H. Hofmann*, 6 July, 20 Aug. 1910, ? TYPE COLLECTION MATERIAL

*Rubus pyramidalis* Kaltb. var. *sitiens* Hofmann, Pl. crit. sax. No 343. 1912; Sud. Rub. Eur. p. 259  
GERMANY: Dahlen, Stolpenberge, *H. Hofmann* (Sudre Bat. Eur. Fasc. XV. 1917 No. 736), 8 July, 6 Sept. 1911, ? ISOTYPE

*Rubus pyramidalis* Kaltb. f. *subglandulosa* Kretzer, Publication unknown  
EUROPE: Braunschweig, *F. Kretzer*, 19 July 1897, ? TYPE COLLECTION MATERIAL

*Rubus querceticolus* Sudre, Bull. Assoc. Pyr. No. 418. 1910  
FRANCE: Hte-Garonne, *H. Sudre*, 14 July 1909, 23 June 1911, (Sudre-Bat. Eur. Fasc. 15. 735. 1917), ? TYPE - PUBLICATION NOT AVAILABLE

*Rubus raunkiaerii* K. Fr. in Raunkiaer, Dansk. Exkursionsfl. ed. 3. 36. 1914  
DENMARK: Jutland, Kjellerup, *K. Friderichsen*, 27 July, 7 Sept. 1919, ? TYPE - PUBLICATION NOT AVAILABLE

*Rubus recurvicaulis* Blanchard, Rhod. 8: 153-155. 1906  
U.S.A.: Maine, Grove Station, *W.H. Blanchard*, 25 Aug. 1905, ? ISOTYPE

*Rubus ×retzi* G. Didier, Publication unknown  
FRANCE: Doubs, St. Hippolyte, *B. de Retz 12298 & 12301*, 21 June 1936, ? TYPE COLLECTION MATERIAL

*Rubus riddelsdellii* Rilstone, Jour. Linn. Soc. London Botany 53: 415. 1950  
ENGLAND: W Cornwall, Lambourne, *F. Rilstone 4904*, July 1949, ISOTYPE

*Rubus rivularis* P.J. Muell. var. *prionophyllus* Progel, Publication unknown  
GERMANY: Bavaria, Waldmünchen, Oberpfalz, *A. Progel*, ? TYPE COLLECTION MATERIAL

*Rubus rorulentus* Halácsy, Fl. Ex. Aust.-Hung. 846  
AUSTRIA: prope pagum Gloggnitz, *Halácsy*, ISOTYPE

*Rubus rosa* Bailey, Gentes Herb. 5: 538-546. 1944  
U.S.A.: New York, Tompkins Co., Ithaca, *L.H. Bailey 260*, 7 June 1945, TOPOTYPE



*Rubus rosaceus* Wh. & N. var. *purchasianus* Rogers, Jour. Bot. 33: 102. 1895  
ENGLAND: Herefordshire, Sellach, *A. Ley*, 28 July 1890, ? ISOTYPE

*Rubus rosendahlii* Bailey, Gentes Herb. 7: 284. 1947  
U.S.A.: Minnesota, Ramsey Co., Snail Lake, *C.O. Rosendahl* 7968, 25 June 1953, TOPOTYPE

*Rubus rotensis* Waisb., Österr. bot. Zeitschrift 1897 p. 6  
HUNGARY: Sonniger Abhang in Rot (Ratterdorf), *A. Waisbecker*, 29 June 1897, ISOTYPE

*Rubus rudis* W. & N. ssp. *lenispinosus* Sabr., Publication unknown  
EUROPE: Styria, Söchau, *H. Sabransky*, July 1914, ? TYPE COLLECTION MATERIAL

*Rubus rusticanus* Merc. f. *vulgarus* Genevier, Publication unknown  
FRANCE: Nantes, Loire, *G. Genevier*, 1 July 1877, ? TYPE COLLECTION MATERIAL

*Rubus saxonicus* H. Hofm. ex Schube & Dalle Torre in Ber. Deutsch. Bot. Ges. 18, Gen. Heft. 28  
GERMANY: Saxe, Erzgebirge près de Hohenstein, *H. Hofmann*, 19 June 1910, (Sudre-Bat. Eur. Fasc. 15: 739. 1917), ? TYPE - PUBLICATION NOT AVAILABLE

*Rubus scabrosus* P.-J. Müll., Flora 185. 1858  
GERMANY: Alsace, environs de Wissembourg, *P.-J. Müller*, June 1858, (Sudre-Bat. Eur. Fasc. 15. 702. 1917), ? TYPE - PUBLICATION NOT AVAILABLE

*Rubus* ×*schimperi* Didier, Publication unknown  
FRANCE: Ht-Rhin, Chemin de Ribeauvillé à la Gde Verrerie, *G. Didier* 951, 27 June 1948, ? TYPE COLLECTION MATERIAL

*Rubus schleicheri* ×*caesius* Kretzer, Publication unknown  
EUROPE: Braunschweig, Sollinger Wald bei Boffzen, *F. Kretzer*, 31 July 1894, ? TYPE COLLECTION MATERIAL

*Rubus schleicheri* ×*vestitus* ×*foliosus* Kretzer, Publication unknown  
EUROPE: Braunschweig, Kirchbrak, Wabach, *F. Kretzer*, 17 July 1894, ? TYPE COLLECTION MATERIAL

*Rubus schwarzeri* Holuby, Oesterr. botan. Zeitsch. 23: 376. 1873  
AUSTRIA: prope Nemes Podhrad, *Holuby*, (Fl. ex. Aust.-Hung. 451), TOPOTYPE

*Rubus scythicus* Sabr., Mitteil. Nat. Ver. Steiermark 52: 286. 1915 [1916]  
EUROPE: Stiria orient. in silvis supra Ebersdorf pr. Söchau, *H. Sabransky*, July 1904, ? TYPE COLLECTION MATERIAL

*Rubus semierectus* Blanchard, Rhod. 8: 156-157. 1908  
U.S.A.: Maine, Southwestern Coast, *W.H. Blanchard*, 2 Aug. 1905, ? PARATYPE

*Rubus semimicans* Sudre, Rub. Eur. 248. 1913

FRANCE: Vosges, Granvillers, *A. Biau*, 6 July, 3 Aug. 1910, (Sudre-Bat. Eur. Fasc. 15, 712. 1917), ? TYPE - PUBLICATION NOT AVAILABLE

*Rubus semirivularis* Sudre, Bull. Soc. Bot. Belg. p. 231, 1910; Rub. Eur. p. 252

BELGIUM: Louette-St-Pierre, *F. Gravet*, 7, 8 June 1902, ? ISOTYPE

*Rubus* ×*semiseptorum* Didier, Publication unknown

FRANCE: Seine et Oise, Carrière de grès de Chamarande, *G. Didier* 267, 14 June 1925, ? TYPE  
COLLECTION MATERIAL

*Rubus semisupervestitus* Sudre, Bull. Soc. Bot. Fr. 1912: 66

FRANCE: Puy-de-Dome, Coteau de Rocard, près Lezoux, *Dr. Chassagne*, 24 June 1912, (Sudre, Bat. Eur. 15 No. 748, 1917), ? ISOTYPE

*Rubus sendtneri* Progel, Ber. Bot. Ver. Landshut 8: 109. 1882

EUROPE: Bavaria, Waldmünchen, Oberpfalz, *A. Progel*, ? TYPE - PUBLICATION NOT AVAILABLE

*Rubus sentus* K. Fr. var. *heliocharus* Holzfuss, Publication unknown

EUROPE: Pommern, Waldrand bei Rützenhagen, *E. Holzfuss*, July & Aug. 1900, ? TYPE  
COLLECTION MATERIAL

*Rubus serpens* Weike var. *gabretanus* Progel, Publication unknown

GERMANY: Bavaria, Waldmünchen am Bohmerwald, *A. Progel*, July 1888, ? TYPE  
COLLECTION MATERIAL

*Rubus serpens* Weike f. *oblong* Kretzer, Publication unknown

GERMANY: Hannover, Hildesheim, *F. Kretzer*, 26 July 1897, ? TYPE COLLECTION MATERIAL

*Rubus serpentiformis* K. Fr., Magyar Bot. Lap. Kupcsok 6: 265. 1907

EUROPE: Slesvig-Holsten, Freesen-Delf, *K. Fridrichsen*, 18 July 1897, ? TYPE -  
PUBLICATION NOT AVAILABLE

*Rubus sharpii* Bailey, Gentes Herb. 5: 420-422. 1943

CULTIVATED: plant from type colony near Cranestown, Preston Co., West Virginia, grown at Morgantown, *H.A. Davis* 8849, 7 June 1949, HORTOTYPE

*Rubus* ? *sheffend* Bort., Publication unknown

HUNGARY: Badae, *Sheffend* (?), 26 June 1893, ? TYPE COLLECTION MATERIAL

*Rubus sieberi* Hofmann, Plantae criticae Saxoniae, Fasc. 14 no. 339. 1912

GERMANY: Grossenhain, bei Zschorna, *H. Hofmann*, 29 June 1910, ISOTYPE

*Rubus silvaticus* Wh. & N. f. *aphyllostachys* Kretzer, Publication unknown  
EUROPE: Westphalica, Helserbruch, *F. Kretzer*, 22 July 1893, ? TYPE COLLECTION MATERIAL

*Rubus slesvicensis* Lange f. *depauperata* K. Fr., Publication unknown  
DENMARK: Slesvig, *K. Friderichsen*, 15 Aug. 1889, ? TYPE COLLECTION MATERIAL

*Rubus slesvicensis* Lange. var. *drejeriopsis* K. Fr., Publication unknown  
DENMARK: Slesvig-Holsten, Slesvig, between Kvaern and Bjerg, *O. Gelert*, 12 Aug. 1885, ? TYPE COLLECTION MATERIAL

*Rubus sphinx* K. Fr., Publication unknown  
DENMARK: Slesvig-Holsten, Haderslev, Kabdrup-Fjeldstrup, *K. Friderichsen*, 27 Aug. 1885, ? TYPE COLLECTION MATERIAL

*Rubus squalidus* G. Genev., Mem. Soc. Acad. Maine-et-Loire 10: 20. 1861  
FRANCE: Maine-et-Loire, Le Couboureau, *G. Genevier*, 5 juillet 1877, TOPOTYPE

*Rubus supinus* Sabransky, Öesterr. Bot. Zeitschr. 357. 1905  
EUROPE: Sochau, Ebersdorf, *Sabransky*, 1 July 1904, ? ISOTYPE

*Rubus syringaephyllus* K. Fr., Publication unknown  
DENMARK: Slesvig-Holsten, Bergenhusen, Wohldorf, *K. Friderichsen*, 3 Aug. 1885, ? TYPE COLLECTION MATERIAL

*Rubus tereticaulis* P.J. Müll. f. *purpurea* Kretzer, Publication unknown  
EUROPE: Hannover, Deister, *F. Kretzer*, 28 July 1896, ? TYPE COLLECTION MATERIAL

*Rubus tereticaulis* P.J.M. ssp. *fragariiflorus* M. var. *lasiococcus* Sabransky, Publication unknown  
GERMANY: Söchau, *H. Sabransky*, July 1915, ? TYPE COLLECTION MATERIAL

*Rubus thyrsiflorus* Wh. & N. var. *eideranus* K. Fr., ap Boulay & Bouly de Lesdain, Rubi praesertim Gall. exs. n. 82 (1896)  
EUROPE: Slesvig-Holsten, Husum, Schwesing, *K. Frederichsen*, 17 June 1894, TOPOTYPE

*Rubus thyrsiflorus* Wh. & N. var. *heterophyllus* Sabransky, Publication unknown  
GERMANY: Söchau, *Sabransky*, July 1913, ? TYPE COLLECTION MATERIAL

*Rubus thyrsiflorus* Wh. & N. f. *robusta* Kretzer, Publication unknown  
EUROPE: Westfalen, Porta, Volmerdingsen, *F. Kretzer*, 14 July 1896, ? TYPE COLLECTION MATERIAL

*Rubus thyrsiflorus* Wh. & N. var. *stylosus* Sabr., Publication unknown

GERMANY: Söchau, ad Rittschein, *H. Sabransky*, July 1913, ? TYPE COLLECTION MATERIAL

*Rubus tresidderi* Rilstone, J. Linn. Soc. Lond. Bot. 53: 414-415. 1950  
ENGLAND: W Cornwall, Lambourne, *F. Rilstone 4902*, July 1949, ISOTYPE

*Rubus triangulus* Kretzer, Publication unknown  
GERMANY: Braunschweig (Wesergebiet), *F. Kretzer*, 17 July 1894, ? TYPE COLLECTION MATERIAL

*Rubus trichothecus* Waisb., Öesterr. bot. Zeitschrift 1893 p. 394  
HUNGARY: Waldthal in Velem bei Güns, *A. Waisbecker*, 10 July 1894, TOPOTYPE

*Rubus tripartii* G. Genev., Publication unknown  
FRANCE: Bourger, *G. Genevier*, 11 July 1870, ? TYPE COLLECTION MATERIAL

*Rubus trivultus* K. Fr. in Raunkiaer, Dansk., Excursionsfl. Ed. 3, 36. 1914  
EUROPE: Jutland, Mols, Femmöller, *K. Friderichsen*, 30 June 1929, ? TYPE - PUBLICATION NOT AVAILABLE

*Rubus ulmifolius* Schott in Ohen Isis (1818) fasc. 5.82  
CANARY ISLANDS: Gran Canaria, *O. Gelert*, TOPOTYPE

*Rubus vestitus* Wh. & N. f. *pulla* G. Br., Publication unknown  
GERMANY: *G. Braun 33*, July 1879, ? TYPE COLLECTION MATERIAL

*Rubus vestitus* × *foliosus* Kretzer, Publication unknown  
EUROPE: Braunschweig, Solling, Fürstenberg, *F. Kretzer*, 21 July 1896, ? TYPE COLLECTION MATERIAL

*Rubus vexatus* K. Fr. var. *subtiliaceus* K. Fr., Publication unknown  
DENMARK: Slesvig-Holsten, Haderslev, Anslet, *K. Friderichsen*, July 1888, ? TYPE COLLECTION MATERIAL

*Rubus vilandtü* Gelert, Publication unknown  
DENMARK: Slesvig, Gram, *O. Gelert*, 11 July 1886, ? TYPE COLLECTION MATERIAL

*Rubus vulgaris* × *conothyrsos* Kretzer, Publication unknown  
EUROPE: Braunschweig, Wesergebiet, Solling, Rottmünde, *F. Kretzer*, 18 July 1897, ? TYPE COLLECTION MATERIAL

*Rubus wahlbergii* Arrh. var. *fortis* K. Fr., Publication unknown  
DENMARK: Slesvig-Holsten, Haderslev, Errigsted, *K. Friderichsen*, 14 Aug. 1890, ? TYPE COLLECTION MATERIAL

*Rubus wahlbergii* Arrh. var. *magnificus* K. Fr., Publication unknown  
DENMARK: Slevig-Holsten, Haderslev, Wilstrupvejen, *K. Friderichsen*, 21 July 1884, ? TYPE  
COLLECTION MATERIAL

*Rubus wahlbergii* Arrh. var. *mutabilis* K. Fr., Publication unknown  
DENMARK: Zealand, Vaerlösegard, *H. Mortensen*, 21 Aug. 1888, ? TYPE COLLECTION  
MATERIAL

*Rubus wahlbergii* Arrh. var. *vestervicensis* C.E. Gustafsson, Bot. Not. 1920: 211-212  
SWEDEN: insula Södre Malmö, par. Loftahammar, prope Vestervik, *C.E. Gustafsson*, 15 July  
1920, ISOTYPE

*Rubus waldfridensis* C.E.G., Publication unknown  
GERMANY: Buddenhagen b. Wolgast, *C.E. Gustafsson*, 12 Aug. 1923, ? TYPE COLLECTION  
MATERIAL

*Rubus warmingii* G. J. f. *glaber* K. Fr. & O. G., Publication unknown  
DENMARK: Slesvig-Holsten, Haderslev, Ejsböl, *K. Friderichsen*, 7 July 1887, ? TYPE  
COLLECTION MATERIAL

*Rubus weickeri* Hofm., Publication unknown  
GERMANY: Saxonica, *Scurich & Hofman*, 10 July & 24 Aug. 1896, ? TYPE COLLECTION  
MATERIAL

*Rubus wiegandii* Bailey, Gentes Herb. 5: 771-772. 1945  
CULTIVATED: garden, Ithaca, New York, *L.H. Bailey*, 4 June 1946, ? HORTOTYPE

*Rudbeckia brittonii* Small, Mem. Torrey Bot. Club 4: 130. 1894  
U.S.A.: Augusta Co., Mt. Rogers, *Heller & Halbach 1186*, 9 Aug. 1893, TOPOTYPE

*Rudbeckia serotina* Nutt. f. *novae-caesareae* Oswald, Phytologia 5: 292. 1955  
U.S.A.: New Jersey, Bergen Co., Fairmount section of Hackensack, *F.M. Oswald*, 6 July 1955,  
ISOTYPE

*Rudgea longirostris* Rusby, Descriptions of Three Hundred New Species of South American  
Plants, p. 143. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 1819* (1898-1901), ? ISOTYPE

*Rudgea marginata* Standley, Publ. Field Columbian Mus. Bot. Ser. 7: 154. 1930  
COLOMBIA: Santa Marta, *H.H. Smith 314*, 1898-1901, ? ISOTYPE

*Ruellia humilis* Nutt. var. *calvescens* Fern., Rhod. 47: 60-63. 1945  
U.S.A.: Virginia, Frederick Co., Middletown, *Hunnewell 17361*, 14 Sept. 1941, PARATYPE

*Ruellia nummularia* Benoist in Humbert, Not. Syst. 8: 140. 1939  
MADAGASCAR: Cantohivelo, *M.E. Decary 9292*, TOPOTYPE

*Ruellia pringlei* Fern., Proc. Amer. Acad. 43: 67. 1907  
MEXICO: Guerrero, Balsas Station, *C.G. Pringle 10071*, 27 Sept. 1905, ISOTYPE

*Rumex* ×*alexidis* Boivin, Nat. can. 93: 645. 1966  
CANADA: Saskatchewan, 10 mi. S of Regina, *J.F. Alex 1306*, 28 Aug. 1963, HOLOTYPE

*Rumex bucephalophorus* L. f. *macrodonta* Heldr., Publication unknown  
GREECE: Messenia, prope Kalamata, *H. Zahn*, March, April 1899, ? TYPE COLLECTION MATERIAL

*Rumex dentatus* L. ssp. *mesopotamicus* Rech. f., Publication unknown  
IRAQ: Baghdad Liwa, on road from Baghdad to Zafraniya, *Rechinger & Naib*, 20 Oct. 1956, (Ex. Herb. Univ. Baghdadensis 21), ? TYPE COLLECTION MATERIAL

*Rumex* ×*franktonis* Boivin, Nat. can. 93: 645. 1966  
CANADA: Saskatchewan, 16 mi. N and 13 mi. E of Kindersley, *C. Frankton 1635*, 23 Aug. 1956, HOLOTYPE

*Rumex* ×*khorsanicus* Rech.f., Oesterr. Bot. Zeitschr. 97: 125. 1950  
IRAN: Khorasan, Montes Hazar Masdjid, Tolgor, *K.H. & F. Rechinger 5218*, 7-10 June 1948, ISOTYPE

*Rumex nikkoensis* Makino, J. Jap. Bot. 6: 29. 1929  
JAPAN: Tochigi Pref., Nikko City, *T. Makino 18804*, 1929, TYPE COLLECTION MATERIAL

*Rumex papilio* Coss. & Bal., Bull. Soc. Bot. Fr. 20: 260. 1873  
MOROCCO: Zaer, Maaziz à Tedders, *Mathez et al.* (Soc. Fr. l'exch. 4241), 12 avril 1963, TOPOTYPE

*Rumex* ×*promiscuus* Rech.f., Oesterr. Bot. Zeitschr. 97: 124. 1950  
IRAN: Mazanderan, in valle fluvii Talar, Sorkhabad, *K.H. & F. Rechinger 5622a*, 20 June 1948, ISOTYPE

*Rumex* ×*sorkhabadensis* Rech. f., Osterr. Bot. Zeitschr. 97: 126. 1950  
IRAN: Mazanderan, in valle fluvi Talar prope Sorkhabad, *K.H. & F. Rechinger 5621*, 20 June 1948, ISOTYPE

*Rumex tuberosus* L. ssp. *turcomanicus* Rech. f., Publication unknown  
IRAN: Khorasan, Montes Kuh-e Nishapur, *K.H. & F. Rechinger 4631*, 20 May 1948, ? TYPE COLLECTION MATERIAL

- Rumex ursinus* Maximova, Fl. ex U.S.S.R. 6077  
U.S.S.R.: Insulae Ursinae maris Sibirici Orientalis, *M. Maximova*, 24 Aug. 1971, ISOTYPE
- Rumfordia revealii* H. Robinson, Phytologia 33: 286. 1976  
MEXICO: Guerrero, Sierra del Sur, *J.L. Reveal et al.* 4225, 16 Oct. 1975, ISOTYPE
- Rumohra amabilis* (Bl.) Tagawa var. *yakusimensis* H. Ito, Jour. Jap. Bot. 11: 574-575. 1935  
JAPAN: Kyushu, Ins. Yakushima, *M. Togashi* 7270, 16 Nov. 1962, TOPOTYPE
- Ruppia maritima* L. var. *pacifica* St. John & Fosberg, Papers Bernice P. Bishop Mus. 15: 176-177. 1939  
HAWAIIAN ISLANDS: Oahu, Kailua Beach, Kailua, *F.R. Fosberg* 14038, (Pl. Ex Gray 1016), 13 June 1937, ISOTYPE
- Ruprechtia oxyphylla* Blake, Contrib. U.S. Nat. Herb. 20: 238. 1919  
COLOMBIA: Santa Marta, *H.H. Smith* 1932, 1898-1901, PARATYPE
- Russelia colombiana* Pennell, Proc. Acad. Nat. Sci. Philadelphia 72: 176. 1920  
COLOMBIA: Santa Marta, *H.H. Smith* 1361, 1898-1901, ? ISOTYPE
- Ruta patavinum* L., Sp. Pl. 384 (*Haplaphyllum patavinum* (L.) G. Don fil.)  
ITALY: Colli Evonei, Paslovo-Veneto, Correslo Tielto, 28 May 2001, TOPOTYPE
- Ruta pinnata* L., Supple. Pl. 232. 1871  
CANARY ISLANDS: Nivaria, La Guancha, *E.R. Sventenius* 149, 7 June 1949, TOPOTYPE
- Sabal etonia* Nash, Bull. Torrey Bot. Club 23: 99. 1896  
U.S.A.: Florida, Lake Co., Eustis, *G.V. Nash* 999, 16-30 June 1894, ISOTYPE
- Sabatia bartramii* Wilbur, Rhod. 57: 91-96. 1955  
U.S.A.: Florida, Duval Co., Baldwin, *G.V. Nash* 2250, 20 July 1895, PARATYPE
- Sabazia anomala* Greenman, Proc. Am. Acad. 41: 262. 1905  
MEXICO: Hidalgo, Buena Vista Station, *C.G. Pringle* 8853, 7 Aug. 1904, ISOTYPE
- Sagina glabra* Koch var. *corsica* M.F. Spencer (?), Publication unknown  
FRANCE: Corsica, *M.F. Spencer*, 7 June 1912, ? TYPE COLLECTION MATERIAL
- Sagina nodosa* L. ssp. *borealis* Crow, Rhod. 80: 28-29. 1978  
CANADA: Quebec, cté. Gaspé-ouest, Ste.-Anne des Monts, *Cinq- Mars et al.* 65-277, 9 août 1965, TOPOTYPE
- Sagina thiebautii* Gandog., Bull. Soc. Dauph. 71. 1876  
FRANCE: Brest, *M. Thiebaut*, (Soc. Dauph. 719), Mai-Juin 1875, ISOTYPE

- Salicornia rubra* Nelson, Bull. Torrey Bot. Club 26: 122. 1899  
U.S.A.: Wyoming, Albany Co., Laramie, *A. & R.A. Nelson 988*, 30 Aug. 1933, TOPOTYPE
- Salix acutifolia* × *viminalis* Lackschewitz, Sched. Herb. Fl. Rossicae 2325  
U.S.S.R.: Pr. urb. Pskow, in ripis fl. Pskowa, *V.D. Andreev*, 26 Apr., 15 May, 15 July 1904, ISOTYPE
- Salix* × *argusii* Boivin, Nat. can. 93: 436. 1966  
CANADA: Mantioba, 7 mi. E of Churchill, *G.W. Argus 475-58*, 12 Aug. 1958, HOLOTYPE
- Salix barclayi* Anderss. var. *cochetopiana* Kelso, Biol. Leafl. 34: 8. 1946  
U.S.A.: Colorado, Leadville, road to Resurrection Mine, *L. Kelso 6421, 6422*, 28 July 1948, TOPOTYPE
- Salix barclayi* Anderss. var. *ressurrectionis* Kelso, Biol. Leafl. 36: 2. 1947  
U.S.A.: Colorado, Leadville, road to Resurrection Mine, *L. Kelso 6415, 6439*, 28 July 1948, TOPOTYPE
- Salix bigelovii* Bebb in Torrey Pacif. Ry. Rep. 4: 139. 1857  
U.S.A.: California, San Francisco Co., Point Lobos, *L.S. Rose 61016*, 4 Mar. 1961, *61028*, 2 Apr. 1961, TOPOTYPE
- Salix bigelowii* Torr., Pacif. Ry. Rep. 4: 139. 1857  
U.S.A.: California, San Francisco Co., Point Lobos, *L.S. Rose 61017*, 4 Mar. 1961, TOPOTYPE
- Salix brachycarpa* Nutt. var. *psammophila* Raup, Jour. Arn. Arb. 17: 230. 1936  
CANADA: Saskatchewan, S side of Lake Athabasca, *R. Hermesh 318*, 29 June 1971, TOPOTYPE
- Salix* × *brachypurpurea* Boivin, Phytologia 15: 407. 1967  
CANADA: Saskatchewan, shore of Lake Athabasca, *G.W. Argus 221- 62*, 27 June 1962, HOLOTYPE
- Salix calcicola* Fernald & Wieg. var. *glandulosior* Boivin, Nat. can. 75: 221. 1948  
CANADA: Alberta, Banff National Park, Saskatchewan Crossing, *B. Boivin 5153*, 30 juillet 1946, HOLOTYPE
- Salix canariensis* C. Sm., Buch, Besch. Canar. Ins. 159. 1825  
CANARY ISLANDS: Nivaria, *E.R. Sventenius 10*, 15 Mar. 1946, TOPOTYPE
- Salix cordata* Muhl. var. *glaucophylla* Bebb, Babcock, The Lens 2: 249. 1873  
U.S.A.: Illinois, Chicago, *Babcock*, TYPE COLLECTION MATERIAL
- Salix delnortensis* Schneider, J. Arn. Arb. 1: 96-97. 1919



U.S.A.: California, Del Norte Co., Gasquets, *Parks & Tracy 948*, 10 May 1931, TOPOTYPE

*Salix dodgeana* Rydb., Bull. New York Bot. Gard. 1: 277. 1899

U.S.A.: Montana, Yellowstone National Park, Electric Peak, L. Kelso 3313, 27 July 1931, TOPOTYPE

*Salix drummondiana* Barratt, Hook. Fl. bor.-Am. 2: 144. 1838

CANADA: Alberta, Banff Park, *B. Boivin 5096*, 29 juillet 1946, TOPOTYPE

*Salix ×dutillyi* Lepage, Nat. can. 91: 171-172. 1964

CANADA: Quebec, Rivière Romaine, *Dutilly & Lepage 41, 243*, 6 Aug. 1963, ISOTYPE

*Salix glaucophylloides* Fernald, Rhod. 16: 173. 1914

U.S.A.: Maine, Fort Fairfield, *M.L. Fernald* (Pl. ex. Gray. 194), 6 June 1911, PARATYPE

*Salix gracilis* Anderss. var. *textoris* Fernald, Rhod. 48: 46. 1946

U.S.A.: Massachusetts Bedford, *Fernald et al.* (Pl. ex. Gray 447), 11 May 1930, 30 June 1930, ISOTYPE

*Salix ×grayi* Schneider, J. Arn. Arb. 3: 79-80. 1921

U.S.A.: New Hampshire, White Mountains, Tuckerman's Ravine, *E. Faxon*, 12 July 1885, ISOTYPE

*Salix ×jamesensis* Lepage, Nat. can. 91: 173. 1964

CANADA: Ontario, Attawapiskat, *Dutilly & Lepage 15,466*, 20 juillet 1946, ISOTYPE

*Salix josiana* Thell. var. *hebecarpa* Thell., Ber. Schweiz. Bot. Ges. 35: 92. 1926

SWITZERLAND: Arosa, Kiesalluvion der Plessur oberhalb des Stausees, *A. Thellung* (Fl. Raetica ex. 822b), TOPOTYPE

*Salix josiana* Thell. var. *psilocarpa* Thell., Ber. Schweiz. Bot. Ges. 35: 92. 1926

SWITZERLAND: Arosa, Kiesalluvion der Plessur oberhalb des Stausees, *A. Thellung* (Fl. Raetica ex. 822a, 27 July 1925), TOPOTYPE

*Salix lasiandra* Benth. var. *recomponens* Raup, Sargentia 6: 149. 1947

CANADA: Dist. of Mackenzie, Fort Simpson, *Cody & Matte 8276*, 20 June 1955, TOPOTYPE

*Salix maccalliana* Rowlee, Bull. Torrey Bot. Club 34: 158-159. 1907

CANADA: Alberta, Banff, *A.J. Breitung 2723*, 18 Aug. 1946, TOPOTYPE

*Salix melanopsis* Nutt. var. *gracilipes* Ball, Proc. Nat. Acad. Sc. 21: 181. 1935

U.S.A.: California, Del Norte Co., Smith River, *Parks & Tracy 935*, 10 May 1931, ISOTYPE

*Salix nigra* Marsh. var. *longipes* DC., Prodr. 16(2): 201. 1868

U.S.A.: Florida, prope St. Marks, *Rugel*, Apr. 1843, ISOTYPE

*Salix nigra* Marsh. var. *vallicola* Dudley, Abrams, Fl. Los Angeles, 100. 1904  
U.S.A.: California, Orange Co., Santa Ana River Bridge near Orange, *L.R. Abrams 5005*, 14 July 1913, TOPOTYPE

*Salix nigra* Marsh. var. *wardii* Bebb, Guide Fl. Wash. and vicinity, p. 114-115. 1881  
U.S.A.: District of Columbia, Potomac River, *R.F. Martin* (Pl. ex. Gray. 938), 9 May 1939, 26 May 1939, TOPOTYPE

*Salix nivalis* Hook., Fl. Bor. Am. 2: 152. 1838  
CANADA: Alberta, Banff National Park, *Calder & MacKay 32705*, 26 Aug. 1961, TOPOTYPE

*Salix* ×*ottarpiana* Joh. Wide, Flora suecica label  
SWEDEN: *Joh. Wide*, Oct. 1915, TYPE COLLECTION MATERIAL ?

*Salix parksiana* Ball  
U.S.A.: California, Del Norte County, 5 miles above mouth of Smith River, *Parks & Tracy 9476*, 30 May 1931, PARATYPE; Gasquet, *Parks & Tracy 10855*, 24 Sept. 1932, PARATYPE

*Salix parksiana* Ball, Univ. Calif. Pub. Bot. 17: 400-401. 1934  
U.S.A.: California, Humboldt Co., Van Duzen R., *H.E. Parks 962*, 14 May 1931, ISOTYPE

*Salix pedicellata* Desf. f. *pubicarpa* Béguinot, Fl. Italica ex. III: 2830  
ITALY: Sicily, Messina, *A. Béguinot*, 4 Apr. 1924, ISOTYPE

*Salix* ×*pellicolor* Lepage, Nat. can. 96: 771. 1969  
CANADA: Quebec, comté de Rimouski, Saint-Mathieu, *E. Lepage 16240*, 14 juin 1969, TOPOTYPE

*Salix petiolaris* Sm. var. *subsericea* Anderss., D.C. Prodr. 16(2): 234. 1864  
U.S.A.: Massachusetts, Cambridge, *Fernald & Weatherby*, (Pl. ex. Gray. 196), 8, 26 May and 19 Aug. 1909, TOPOTYPE

*Salix* ×*princeps-ourayi* Kelso, Biol. Leafl. 34: 2. 1946  
U.S.A.: Colorado, San Juan Co., Silverton area, Mt. Kendall, *L. & E.H. Kelso 5248*, 9 Aug. 1945, TOPOTYPE

*Salix pringlei* Rowlee, Bot. Gaz. 27: 136. 1899  
MEXICO: La Cima de Ajusco, *C.G. Pringle 13205*, 16 April 1904, TOPOTYPE

*Salix pseudolapponum* Seemen, Engl. Bot. Jahrb. 29 Beibl. 65: 28- 29. 1901  
U.S.A.: Colorado, Mt. Hesperus, *L. Kelso 6102*, 3 July 1947, TOPOTYPE

*Salix pseudomonticola* Ball, Contr. U.S. Nat. Herb. 22: 321. 1921  
CANADA: Alberta, Banff, *A.J. Breitung 3334*, 17 July 1946, TOPOTYPE

*Salix reticulata* L. ssp. *glabelllicarpa* Argus

CANADA: British Columbia, Queen Charlotte Islands, Moresby Island, Takakia Lake, *Calder & Taylor 36047*, 25-30 July 1964, ISOTYPE; 20 miles south of Moresby Logging Camp, 52 55'N 132 03'W, *Calder & Taylor 23086*, PARATYPE; Mosquito Mt., *Calder & Taylor 23611*, 24 Aug. 1957, PARATYPE; west end of Mosquito Lake, *Calder & Taylor 36479*, 1 Aug. 1964, PARATYPE; Graham Island, McClinton Bay, Masset Inlet, *Calder et al. 21621*, 18 June 1957, PARATYPE

*Salix reticulata* L. ssp. *glabelllicarpa* Argus, Can. J. Bot. 43: 1021. 1965

CANADA: British Columbia, Queen Charlotte Islands, Moresby Is., Lake Takakia, *Calder & Taylor 36347*, 25-30 June 1964, HOLOTYPE

*Salix* ×*rhaetica* A. Kern. Andersson, Monog. Sal. in Svenska Vetens.-Akad. Handl. 6: 136. 1867

AUSTRIA: Tirolia septentrionalis, infra "Praxmar", *A. Zimmeter* (Dörfler, Herb. Norm. 5524), TOPOTYPE

*Salix rostrata* Richards., Franklin Voy. 1st Journ. 753. 1823

CANADA: Mackenzie-Alberta, between Fort Simpson and Chipewyan, *Dr. Richardson*, 1819-1822, TYPE COLLECTION MATERIAL

*Salix scouleriana* Barratt, J. Wash. Acad. 24: 73-74. 1934

U.S.A.: California, head of Devil's Hole, *J.P. Tracy 10694*, 17 July 1932, PARATYPE

*Salix scouleriana* Barratt var. *thompsoni* Ball, Jour. Wash. Acad. Sci. 24: 75. 1934

U.S.A.: Washington, King Co., Seattle, *J.W. Thompson 11385*, 30 March 1935, TOPOTYPE

*Salix tracyi* Ball

U.S.A.: California, Humboldt County, Redwood Creek, *J.P. Tracy 7996*, 13 May 1927, PARATYPE; Del Norte County, Smith River, *Parks & Tracy 9501*, 30 May 1931, PARATYPE; Gasquet, *Parks & Tracy 9360*, 10 May 1931, PARATYPE; near Smith River below Gasquets, *Parks & Tracy 0950*, 10 May 1931, PARATYPE

*Salix tracyi* Ball, Univ. Calif. Publ. Bot. 17: 403-4. 1934

U.S.A.: California, Del Norte Co., near Smith River below Gasquets, *Parks & Tracy 0934*, 10 May 1931, ISOTYPE

*Salix turnori* Raup, Jour. Arn. Arb. 17: 234. 1936

CANADA: Saskatchewan, Lake Athabasca, E of William R., *G.W. Argus 439-62*, 7 July 1962, TOPOTYPE

*Salix tyrrellii* Raup, Jour. Arn. Arb. 17: 231. 1936

CANADA: Saskatchewan, Lake Athabasca, south lakeshore at Thomson Bay, *J.S. Rowe 1409*, 30 July 1969, TOPOTYPE

\$\$\$*Salsola halimocnemis* Botsch., Bot. Mater. Gerb. Inst. Bot.-Zool. AN. UZ. SSR 11: 3. 1948

U.S.S.R.: Kasachstania, Sarypaja-Sag. prope Bes-Kutan, *Botschantzev & Butkov*, 10 May 1947, ISOTYPE

*Salvula tragus* L. var. *iberica* Sen. & Pau, Publication unknown  
SPAIN: Castille, Miranda de Ebro, *Fre. Elias*, 20 Oct. 1906, ? TYPE COLLECTION MATERIAL

*Salvula turcomanica* Litw., Schedae ad Herb. Fl. Ross. 2: 230. 1900  
U.S.S.R.: Turcomania, prope Ashabad, *D. Litwinow* 290, 11 Sept. 1898, TYPE COLLECTION MATERIAL

*Salvia blancoana* Webb & Heldr. ssp. *mariolensis* Figuerola, Publication unknown  
SPAIN: Alacant, Montago, *P. Font i Quer*, 3 May 1923, ? TYPE COLLECTION MATERIAL

*Salvia brachyodonta* Briquet, Ann. Conserv. & Jard. Bot. Genève 2: 149-150. 1903  
MEXICO: near Guadalejara, *C.G. Pringle* 11682, 29 Sept. 1903, TOPOTYPE

*Salvia canariensis* L., Sp. Pl. 26. 1753  
CANARY ISLANDS: Gran Canaria, Cuesta de Silva, *E. Asplund* 1363, 23 May 1933, TOPOTYPE

*Salvia flaccidiflora* Fern., Proc. Amer. Acad. 43: 66. 1907  
MEXICO: Hidalgo, Barranca below Trinidad Iron Works, *C.G. Pringle* 10298, 6 Sept. 1906, ISOTYPE

*Salvia guadalajarensis* Briquet, Ann. Conserv. & Jard. Bot. Genève 2: 132-133. 1898  
MEXICO: near Guadalejara, *C.G. Pringle* 11689, 30 Sept. 1903, TOPOTYPE

*Salvia hispanica* L. var. *chionocalyx* Fernald, Proc. Amer. Acad. 43: 63. 1907  
MEXICO: Michoacan, Uruapan, *C.G. Pringle* 8837 1/2, 16 Oct. 1904, ISOTYPE

*Salvia iodontha* Fern., Proc. Amer. Acad. 35: 547  
MEXICO: Morelos, Sierra de Tepoxtlán, *C.G. Pringle* 11119, 20 Nov. 1902, ? TYPE - PUBLICATION NOT AVAILABLE

*Salvia libanensis* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 110-111. 1920  
COLOMBIA: Santa Marta, *H.H. Smith* 1380 (1898-1901), ? ISOTYPE

*Salvia lilacina* Fernald, Proc. Amer. Acad. 45: 418. 1910  
MEXICO: Michoacan, Uruapan, *C.G. Pringle* 13279, 15 Oct. 1904, ISOTYPE

*Salvia mohavensis* Greene, Pittonia 2: 235. 1892  
U.S.A.: California, San Bernardino Co., Mohave Desert, *J.B. Feudge* 1605, 18 June 1927,

TOPOTYPE

*Salvia munzii* Epling, Madrono 3: 169. 1935

MEXICO: Baja California, Hamilton Ranch, Arroyo, *Epling & Robinson*, 19 Feb. 1935, ISOTYPE

*Salvia muralis* Fernald, Proc. Amer. Acad. 43: 65. 1907

MEXICO: Guerrero, Iguala Canyon, *C.G. Pringle 10072*, 28 Sept. 1905, ISOTYPE

*Salvia pratensis* L. var. *varbossania* Maly, Publication unknown

EUROPE: Bosnia, Sarajevo, *K. Maly*, 30 Aug. 1913, ? TYPE COLLECTION MATERIAL

*Salvia secundiflora* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 111-112. 1920

COLOMBIA: Santa Marta, *H.H. Smith 567* (1898-1901), ? ISOTYPE

*Salvia secundiflora* Rusby, Descr. New Sp. S. Am. Pl. 111. 1920

COLUMBIA: Onaco, *H.H. Smith 379*, 20 Dec. 1898-1901, TYPE COLLECTION MATERIAL

*Salvia tenuistachya* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 109-110. 1920

COLOMBIA: Santa Marta, *H.H. Smith 1370* (1898-1901), ? ISOTYPE

*Salvia transsilvanica* Shur. Verh. Siebenb Ver. Naturw. 4: 57. 1853

HUNGARY: Transsilvania australis, ad Langenthal, *Barth* (Fl. Ex. Aust.-Hung. 952), TOPOTYPE

*Salvia urolepis* Fernald, Proc. Amer. Acad. 45: 417. 1910

MEXICO: Nuevo Leon, above Monterey, *C.G. Pringle 13281*, 7 Sept. 1904, *13978*, 19 Sept. 1907, ISOTYPE

*Salvia uruapana* Fernald, Proc. Amer. Acad. 45: 418. 1910

MEXICO: Michoacan, Uruapan, *C.G. Pringle 13280*, 16 Oct. 1904, ISOTYPE

*Salvia valentina* Vahl, Enum. pl. 1: 268. 1804

SPAIN: València, Les Agulles pr. Tabernes de Valldigna, *P. Font i Quer*, 7 June 1923, TOPOTYPE

*Salvia verticillata* L. f. *albiflora* Legerström, Publication unknown

SWEDEN: Sodermanland, Nacka, *A.L. Legerström*, 21 Aug. 1922, ? TYPE COLLECTION MATERIAL

*Salvia viridiflora* Rusby, Descriptions of Three Hundred New Species of South American Plants, p. 110. 1920

COLOMBIA: Santa Marta, *H.H. Smith 1381* (1898-1901), ? ISOTYPE

*Sambucus melanocarpa* Gray, Proc. Am. Acad. 19: 76. 1883

U.S.A.: New Mexico, Santa Fe Canon, 9 miles east of Santa Fe, *A.A. & E.G. Heller 3638*, 2 June 1897, TOPOTYPE

*Sambucus palmensis* Link in Buch, Besch. Canar. Inc. 151. 1825

CANARY ISLANDS: Nivaria, Valle Orotava, Lomo de Curra, *E.R. Sventenius 80*, 15 July 1944, TOPOTYPE

*Sanicula marilandica* L. var. *borealis* Fern., Rhod. 28: 220. 1926

CANADA: Quebec, Ste. Majorique, *Cody et al. 745*, 27 Aug. 1947, TOPOTYPE

*Saponaria pyrrhanthes* Rech. f., Engl. Bot. Jahrb. 75: 363. 1951

IRAN: Gorgan, montim Shahvar prope Hadjilang, *K.H. & F. Rechinger 6082*, 26-27 July 1948, ISOTYPE

*Saponaria vaccaria* L. f. *grohii* Boivin, Nat. can. 93: 645. 1966

CANADA: Manitoba, Morden, *H. Groh*, 11 June 1932, HOLOTYPE

*Sapoto sandwicensis* A. Gray, Proc. Amer. Acad. 5: 328. 1861-62

HAWAIIAN ISLANDS: E. Maui, Makawao, slopes of Haleakala, *J.F. Rock 8510*, Sept. 1910, TOPOTYPE

*Sarracenia drummondii* Croom, Ann. Lyc. N. York 4: 100. 1848

U.S.A.: Florida, Apalachicola, *Chapman 4529*, April 1896, TOPOTYPE

*Sarracenia purpurea* L. var. *ripicola* Boivin

CANADA: Ontario, Bruce County, Oliphant, *H.G. Macklin 6*, 1 July 1939, PARATYPE; same locality, *Victorin et al. 45809*, 4 août 1932, PARATYPE; Saskatchewan, Nipawin, bank of the Saskatchewan River, *A.J. Breitung 6001*, 6 Sept. 1947, PARATYPE

*Sarracenia purpurea* L. var. *ripicola* Boivin, Can. Field-Nat. 65: 21. 1951

CANADA: Ontario, Bruce Peninsula, Dorcas Bay, *W.G. Dore 9003*, 27 July 1948, HOLOTYPE

*Sarracenia rugelii* Shuttl. ex A.DC. in DC., Prodr. 17: 6. 1873

U.S.A.: Florida, inter Quincy et Aspalaga, *F. Rugel 201*, May 1843, TYPE COLLECTION MATERIAL

*Satureja gauderi* Epling, Amer. Midl. Nat. 24: 748. 1948

MEXICO: Baja California, San Vicente, *Epling & Leuro*, 25 Apr. 1940, ISOTYPE

*Satureja kitaibellii* Wierzbicki ex Heuff., Verh. Zool.-Bot. Ges. Wien 8: 177. 1858

HUNGARY: Banat, Szerska, *Wierzbicki*, ISOTYPE

*Satureja spinosa* L., Cent. Pl. 2: 19. 1756

CRETE: Mt. Psilorite, *J.B. Patten 195*, 1 July 1900, TOPOTYPE

*Satureja taurica* Velenovsky, Sitz. Kgl. böhm. Gesel. Wiss., math.-nat. Cl. 28: 9. 1903

U.S.S.R.: Tauria, in rupibus prope "Baksan", *A. Callier*, July 1900 (Dörfler Herb. Norm. 4290), TOPOTYPE

*Saugetia fasciculata* Hitchc. & Chase, Contr. U.S. Nat. Herb. 18: 378. 1917

CUBA: Pinar del Rio, between San Julian and El Maja, *J. de J. Valdes* (Amer. Gr. Nat. Herb. 446), 29 Oct. 1917, TOPOTYPE

*Saugetia pleiostachya* Hitchc. & Ekman, U.S. Dept. Agr. Misc. Publ. 243: 123. 1936

CUBA: Province Pinar del Rio, Mendoza, *E.L. Ekman* (Amer. Gr. Nat. Herb. 1042), 16 June 1923, PARATYPE

*Saxifraga aizoon* Jacq. var. *neogaea* Butters, Rhod. 46: 65. 1944

U.S.A.: Minnesota, Cook Co., Mountain Lake, *Butters et al. 251*, 4 July 1937, TOPOTYPE

*Saxifraga austromontana* Wieg. (*S. bronchialis* L. ssp. *austromontana* (Weig.) Piper)

U.S.A.: New Mexico, Santa Fe Canyon, 9 miles east of Santa Fe, *A.A. & E.G. Heller 3775*, 26 June 1897, LECTOTYPE

*Saxifraga austromontana* Wieg., Bull. Torrey Bot. Club 27: 389. 1900

U.S.A.: New Mexico, 9 mi. E of Santa Fe, *A.A. & E.G. Heller 3775*, 26 June 1897

*Saxifraga brevicaulis* H. Sm.

TIBET: Reting, 6 miles north of Lhasa, *Ludlow & Sherriff 11018*, 18 June 1944, PARATYPE; hills south of Lhasa, *Ludlow & Sherriff 9766*, 11 June 1943, PARATYPE; hills north of Lhasa, *Ludlow & Sherriff 8807*, 10 June 1942, PARATYPE

*Saxifraga brevicaulis* H. Smith, Bull. Br. Mus. (Nat. Hist.) Bot. 2: 102. 1958

TIBET: Reting, 60 mi. N of Lhasa, *Ludlow & Sherriff 8959*, 30 July 1942, ? ISOTYPE

*Saxifraga caespitosa* L. f. *multiflora* Calder, Can. Field-Nat. 65: 183. 1952

CANADA: Dist. of Franklin, Melville Peninsula, Repulse Bay, *P.F. Bruggemann 80*, 3 Aug. 1950, HOLOTYPE

*Saxifraga chrysantha* Gray, Proc. Am. Acad. 12: 83-84. 1876

U.S.A.: Colorado, Clear Creek Co., Gray's Peak, *W.A. Weber 5617*, 11 July 1950, TOPOTYPE

*Saxifraga codyana* Zhmlev

CANADA: Yukon, Site 19, 69 13'N 139 35'W, *R.W. Wein 267*, 17 July 1972, PARATYPE; Richardson Mts., 68 18'N 136 30'W, *Cody & Ginns 31299*, 11 July 1982, PARATYPE; British

Mts., Firth River, 69°12'N 139°52'W, *W.J. Cody* 27296, 8 July 1980, PARATYPE; 3 km east of Firth River, 69°03'N 140°24'W, *W.J. Cody* 27415, 9 July 1980, PARATYPE  
U.S.A.: Alaska, Philip Mountains Quad, Yukon River-Prudoe Bay Haul Road, 68°09'N 149°26'W, *D.F. Murray* 8583, 4 Aug. 1982, PARATYPE

*Saxifraga codyana* Zhmylev, Bull. Moscow Soc. Nat. Biol. Ser. 97(1): 95-96. 1992  
CANADA: Yukon, British Mountains, tributary of Firth River, 69°07'N 140°15'W, *W.J. Cody* 27166, 7 July 1980, HOLOTYPE

*Saxifraga elliotii* H. Smith, Bull. Brit. Mus. (Nat. Hist.) Bot. 2: 109. 1958  
CHINA: Tibet, Lokmo, 10 mi. above Tongkyuk, Dzong. Pome., *Ludlow et al.* 12309, 26 Marc. 1947, ISOTYPE

*Saxifraga flavida* H. Smith, Bull. Brit. Mus. (Nat. Hist.) Bot 2: 108. 1960  
BHUTAN: Tang Chu, Ritang, *Ludlow & Sherriff* 3212, 7 June 1937, ISOTYPE

*Saxifraga fonticola* A. Kerner, Oest. bot. Zeitschr. 12: 90. 1862  
ROMANIA: Transsilvania, Biharia, *Simkovics*, (Fl. ex. Austro- Hung. 1300), TOPOTYPE

*Saxifraga fusca* Maxim. var. *kikubuki* Ohwi, Publication unknown  
JAPAN: Honshu, Mt. Iide in Iwashiro, *J. Ohwi*, 10 Aug. 1924, ? TYPE COLLECTION MATERIAL

*Saxifraga glacialis* H. Smith, Act. Hort. Gothoburg. 1: 14. 1924  
CHINA: Sze-ch'uan, Dongrergo, *H. Smith* 3334, 21 July 1922, ISOTYPE

*Saxifraga glaucescens* Boiss. Reut. f. *major*, Publication unknown  
SPAIN: Gavituna, Serrania de Ronda, *Porta & Rigo* 188, 27 May 1895, ? TYPE COLLECTION MATERIAL

*Saxifraga granulifera* H. Smith, Bull. Brit. Mus. (Nat. Hist.) 2(9): 259-260. 1960  
TIBET: Kongbo, Penam Chu, near Je (Pasum Lake), *Ludlow et al.* 14109, 10 July 1947, PARATYPE

*Saxifraga heleonastes* H. Smith, Acta Hort. Gothoburg. 1: 5. 1924  
CHINA: Sze-ch'uan: 100 km WSW of Merge, *H. Smith* 4337, 4 Sept. 1922, TYPE COLLECTION MATERIAL

*Saxifraga hirculus* L. ssp. *compacta* O. Hedb., Publication unknown  
SPITZBERGEN: Advent Bay, *C.C. Lacaíta*, July 1929, ? TYPE COLLECTION MATERIAL

*Saxifraga kongboensis* H. Smith, Bull. Br. Mus. (Nat. Hist.) Bot. 2: 113. 1958  
TIBET: Kongbo, Tsangpo Gorge, Shingi Chögyal, *Ludlow et al.* 13631, 7 May 1947, ISOTYPE



*Saxifraga lolaensis* H. Smith, Bull. Br. Mus. (Nat. Hist.) Bot. 2: 105. 1958  
TIBET: Pachakshiri, Lo La, *Ludlow et al.* 3775, 15 May 1938, ISOTYPE

*Saxifraga ludlowii* H. Smith, Bull. Br. Mus. (Nat. Hist.) Bot. 2: 113-114. 1958  
TIBET: Kongbo, Pasum Chu, Ba La, *Ludlow et al.* 13968, 22 June 1947, ISOTYPE

*Saxifraga lyallii* Engler var. *hultenii* Calder & Savile

CANADA: Yukon, Cassiar Mountains, 60°04'N 131°53'W, *W.H. Poole* 61, 10 Aug. 1953, PARATYPE; Alberta, Banff National Park, Agnes Lake near Lake Louise, *R.K. Beattie* 5274, 1 Aug. 1922, PARATYPE; British Columbia, Bluff Lake area about 16 miles southwest of Bluff Lake, *Calder et al.* 19319, 19335, 23 July 1956, PARATYPE; Vancouver Island, Mt. Arrowsmith about 10 miles east southeast of Alberni, 46°14'N 124°35'W, *Calder et al.* 19464, 26-27 July 1956, PARATYPE; between Jessmond and Kelly Lake, 51°04'N 121°50'W, *Calder et al.* 18723, 12 July 1956, PARATYPE; Foghorn Mt., south of Chua Chua, North Thompson, *E.W. Tisdale s.n.*, 8 Aug. 1936, PARATYPE; mountains north of Griffin Lake, *J. Macoun s.n.*, 7 Aug. 1889, PARATYPE; Mile 46 Haines Rd., *Taylor et al.* 1564, 19 July 1956, PARATYPE; Haines Rd., Mile 68, *Eastham et al.* 903, 1956, PARATYPE; Mt. Thornhill near Terrace, *Calder & Taylor* 13323, 14857, 21 July and 21 Aug. 1954, PARATYPE; Red Rose Tungsten Mine, near Skeena Crossing, *Calder et al.* 15141, 15164, 28-29 Aug. 1954, PARATYPE; Sylvan Mine near Smithers, *Calder et al.* 12953, 14604, 13 July and 17 Aug. 1954, PARATYPE; Murray Range at north end of Azouzetta Lake along Hart Highway, *Calder et al.* 14032, 4 Aug. 1954, PARATYPE; Glacier, *Fletcher s.n.*, 7 Aug. 1899, PARATYPE; Miller Lake cirque, Mt. Revelstoke, *Calder & Savile* 11865, 15 Aug. 1953, PARATYPE; Caribou Hudson Mines about 18 miles by road southeast of Barkerville, *Calder et al.* 14228, 8 Aug. 1954, PARATYPE; Trail up Wolverine Range near Manson Creek village, 55°40'N 124°22'W, *Calder et al.* 13695, 29 July 1954, PARATYPE; Atlin Lake area, 59°30'N 133°00'W, *J.D. Aiken* 22, 24 July 1954, PARATYPE; *Bennett* 142, 13 July 1949, PARATYPE; Yoho National Park, Mt. Stephen, *Calder & Savile* 12082, 19 Aug. 1953, PARATYPE; three miles west southwest of Donald, *Taylor & Ferguson* 1855, 20 June 1958, PARATYPE; Goat Mountain, 49°58'N 114°42'W, *Taylor & Ferguson* 3063, 22 July 1958, PARATYPE; Mount McLean at Lillooet, *Calder et al.* 15509, 6 Sept. 1954, PARATYPE

*Saxifraga lyallii* Engler var. *hultenii* Calder & Savile, Can. J. Bot. 38: 418. 1960

CANADA: British Columbia, Queen Charlotte Islands, Moresby Island, *Calder et al.* 23106, 29 July-2 Aug. 1957, HOLOTYPE

*Saxifraga matta-florida* H. Smith, Bull. Br. Mus. (Nat. Hist.) Bot. 2: 105. 1958  
BHUTAN: Trashi Yangsi, Lao, *Ludlow et al.* 20632a, 14 May 1949, ISOTYPE

*Saxifraga monantha* H. Smith, Bull. Br. Mus. (Nat. Hist.) Bot., 2: 94. 1958  
TIBET: Cha La, N of Sanga Choling, *Ludlow & Sherriff* 1584, 14 May 1936, ISOTYPE

*Saxifraga nambulana* H. Smith, Bull. Br. Mus. (Nat. Hist.) Bot. 2: 108-109. 1958  
TIBET: Pome, Tongkyuk River, Nambu La, *Ludlow et al.* 13850, 5 June 1947, ISOTYPE

*Saxifraga oppositifolia* L. f. *schofieldii* Boivin, Nat. can. 93: 646. 1966  
CANADA: Dist. of Franklin, Cornwallis Island, Resolute Bay, *W.B. Schofield 80*, 30 June 1949,  
HOLOTYPE

*Saxifraga perdurans* Kit., Wahlenb. Fl. Carp. Princ. 123. 1814  
HUNGARY: montis Chocs, *Pantocsek* (Fl. ex. Aust.-Hung. 902), TOPOTYPE

*Saxifraga poluniniana* H. Smith, Bull. Br. Mus. (Nat. Hist.) Bot. 2: 114-115. 1958  
NEPAL: Between Padmara and Bumra, Padmara Lagna, *Polunin et al. 4070*, 13 June 1952,  
ISOTYPE

*Saxifraga pseudohirculus* Engl. var. *tenuiflora* H. Smith, Publication unknown  
CHINA: Sze-ch'uan, Dongrergo, *H. Smith 3911*, 20 July 1922, ? TYPE COLLECTION  
MATERIAL

*Saxifraga punctata* L. ssp. *carlottae* Calder & Savile  
CANADA: British Columbia, Queen Charlotte Islands, Graham Island, head of McClinton Bay,  
west side of Masset Inlet, *Calder et al. 21617*, 18 June 1957, PARATYPE; Mt. Stapleton on west  
side of Sheilds Bay, west coast of Graham Island, *Calder & Taylor 23340*, 9 Aug. 1957,  
PARATYPE; below Mt. de la Touche near head of Fairfax Inlet, Tasu Sound, west coast of Moresby  
Island, *Calder & Taylor 23513*, 16-17 Aug. 1957, PARATYPE; Moresby Island, mountain at west  
end of Mosquito Lake, *Calder & Taylor 23702*, 24 Aug. 1957, PARATYPE  
U.S.A.: Alaska, Ketchikan, Deer Mountain, *Mr. & Mrs. E.P. Walker 979b*, 24 Aug. 1915,  
PARATYPE

*Saxifraga punctata* L. ssp. *porsildiana* Calder & Savile  
CANADA: Keewatin, Island in Gerry Lake, 65°54'N 100°45'W, *G.A. Corcoran 33*, 15 Aug.  
1949, PARATYPE; Yukon, Mt. Caribou, 5 miles north of Carcross, 60°14'N 134°42'W, *Gillett &  
Mitchell 4585A*, 17 Aug. 1949, PARATYPE; Cassier Mts., *W.H. Poole 106*, 16 July 1955,  
PARATYPE; near the Smart River, Cassier Mts., 60 05'N 131 35'W, *W.H. Poole s.n.*, 28 July  
1952, PARATYPE; Duncan Creek near Keno Hill, 28 miles northeast of Mayo, 63 55'N  
135 19'W, *Gillett et al. 4261*, 5 Aug. 1949, PARATYPE; Keno Hill, 30 miles northeast of Mayo,  
63 55'N 135 19'W, *Gillett et al. 4358*, 6 Aug. 1949, PARATYPE; British Columbia, Itcha Range,  
26 miles NE of Anahim Lake, ca. 52 43'N 124 54'W, *Calder et al. 20236*, 16-19 Aug. 1956,  
PARATYPE; Atlin Lake area, 59 30'N 133 00'W, *J.D. Aitken 34*, 24 July 1954, PARATYPE;  
Cassiar, *Taylor et al. 460, 501, 694*, 19-20 June 1956, PARATYPE; Haines Road, Mile 60, 9 July  
1956, Mile 61, 8 July 1956, Mile 68, 6 July, 1956, Mile 75, 5 July 1956, *Taylor et al. 1231, 1202,  
911, 827*, PARATYPES

*Saxifraga punctata* L. ssp. *carlottae* Calder & Savile, Can. J. Bot. 38: 423-424. 1960  
CANADA: British Columbia, Queen Charlotte Islands, Moresby Island, *Calder et al. 23093*, 29  
July-2 Aug. 1957, HOLOTYPE

*Saxifraga punctata* L. ssp. *pacifica* Hulten, Flora Alaska and Yukon 5: 928. 1945; Can. J. Bot.

38: 426. 1960

U.S.A.: Alaska, Juneau, *J.P. Anderson 6270*, 18 June 1940, ISOLECTOTYPE

*Saxifraga punctata* L. ssp. *porsildiana* Calder & Savile, Can. J. Bot. 38: 429-430. 1960

CANADA: British Columbia, N end of Azousetta Lake along Hart Highway, *Calder et al. 14079*, 4 Aug. 1954, HOLOTYPE

*Saxifraga razshivinii* Zhmylev, Bull. Mosc. Obsh. Ispyt. Prir. (Biol. Ser.) 95(3): 87. 1990

CANADA: Yukon, British Mountains, Mt. Sedgwick area, *J.A. Calder 34478*, 19 July 1962, HOLOTYPE

*Saxifraga rhodopetala* H. Smith, Bull. Br. Mus. (Nat. Hist.) Bot. 2: 124. 1958

NEPAL: Above Phoksumdo Tal, *Polunin et al. 2196*, 10 June 1952, ISOTYPE

*Saxifraga rigoi* Freyn ex Porta, Atti Accad. Agiati 9; extr. 26. 1891-92

SPAIN: Prov. Almeria, Sagra Sierra, *Porta & Rigo 185*, 1895, ? TYPE - PUBLICATION NOT AVAILABLE

*Saxifraga rotundifolia* L. ssp. *eurotundifolia* E. & I. var. *repanda* Engl. f. *fagetorum* Domin, Fl. Cech. ex. 183

CZECHOSLOVAKIA: Slovakia occidentali-borealis, montes Vysoka Fatra, *Sillinger et al.*, 12 June 1930, ISOTYPE

*Saxifraga sachalinensis* F. Schmidt, Reisen Amurl. 133. 1868

U.S.S.R.: S. Saghalien, Aihara, *S. Maeda*, 23 July 1931, TOPOTYPE

*Saxifraga sessiliflora* H. Smith, Bull. Br. Mus. (Nat. Hist.) Bot. 2: 102. 1958

TIBET: Tse Ga, *Capt. Kingdon-Ward 11944*, 9 July 1935, PARATYPE

*Saxifraga sherriffii* H. Smith, Bull. Br. Mus. (Nat. Hist.) Bot. 2: 120. 1958

BHUTAN: Bumthang Chu, Pangotang, *Ludlow et al. 18972*, 26 May 1949, ISOTYPE

*Saxifraga spicata* D. Don, Bull. N.Y. Bot. Gard. 2: 172. 1901

U.S.A.: Alaska, Cape Nome, *G.N. Jones 9109*, July 1936, TOPOTYPE

*Saxifraga subternata* H. Smith, Bull. Br. Mus. (Nat. Hist.) Bot. 2: 97-98. 1958

TIBET: Tsangpo Valley, *Ludlow et al. 4593*, 1 June 1938, ISOTYPE

*Saxifraga taylori* Calder & Savile, Brittonia 11: 248. 1959

CANADA: British Columbia, Queen Charlotte Islands, Mt. de la Touche, *Calder & Taylor 23511*, 16-17 Aug. 1957, HOLOTYPE

*Saxifraga thiantha* H. Smith, Bull. Br. Mus. (Nat. Hist.) Bot. 2: 111. 1958

BHUTAN: Tsampa, Weitang, *Ludlow et al. 19214*, 22 June 1949, ISOTYPE

*Saxifraga thiantha* H. Smith var. *citrina* H. Smith, Bull. Br. Mus. (Nat. Hist.) Bot. 2: 113. 1958  
BHUTAN: Omta Tso, *Ludlow et al.* 17104, 11 Aug. 1949, ISOTYPE

*Saxifraga tricuspida* Rottb. f. *ligulata* Savile & Calder, Can. Field-Nat. 66: 105. 1952  
CANADA: Dist. of Keewatin, Chesterfield Inlet, *Savile & Watts* 1185, 29 July 1950,  
HOLOTYPE

*Saxifraga tricuspida* Rottb. f. *woodruffii* Calder in Cody, Can. Field-Nat. 64: 92. 1950  
CANADA: Dist. of Franklin, Melville Peninsula, Committee Bay, *Woodruff* 38, 20 Aug. 1948,  
HOLOTYPE

*Saxifraga* ×*ungavensis* Lepage, Nat. can. 89: 117. 1962  
CANADA: Quebec, Riv. Swampy Bay, *Dutilly & Lepage* 39344, 19 août 1961, ISOTYPE

*Saxifraga vacillans* H. Smith, Bull. Br. Mus. (Nat. Hist.) Bot. 2: 99-100. 1958  
BHUTAN: Thimbu Chu, valley above Barshong, *Ludlow et al.* 16352, 25 May 1949, ISOTYPE

*Saxifraga valentina* Willk, Rev. gén. bot. p. 153. 1892  
SPAIN: Sierra de Javalambre, *E. Reverchon* 622, juillet 1891, ISOTYPE

*Saxifraga williamsii* H. Smith, Bull. Br. Mus. (Nat. Hist.) Bot. 2: 100. 1958  
NEPAL: Muktinath, *Stainton* 2049, 28 June 1954, ISOTYPE

*Scabiosa dumetorum* Brouss. ex Willd., Mem. Dipsac. 32  
CANARY ISLANDS: Nivaria, Guimar, *E.R. Sventenius* 175, 27 Apr. 1944, TOPOTYPE

*Scaevola chamissoniana* Gaudich., Freye. Voy. Bot. 461 t. 82  
HAWAIIAN ISLANDS: Hawaii, 15 miles from Hilo, *O. Degener* 20331, 6 Sept. 1949,  
TOPOTYPE

*Scaevola coriacea* Nutt., Trans. Am. Phil. N.S. 8: 253. 1843  
HAWAIIAN ISLANDS: Maui, between Waiehu and Wailuku, *O. Degener* 19610, 14 May 1949,  
TOPOTYPE

*Scaevola fauriei* Lévillé, Fedde Repert. 10: 150. 1911  
HAWAIIAN ISLANDS: Oahu, *Degener & Degener* 27708, 27 June 1961, TOPOTYPE

*Scaevola gaudichaudiana* Cham., Linnaea 8: 226. 1833  
HAWAIIAN ISLANDS: Oahu, Laie, Koolau Mts., *F.R. Fosberg* 14238, 24 July 1937, (Pl. ex.  
Gray 873), TOPOTYPE

*Scaevola menziesiana* Cham., Linnaea 8: 227. 1888  
HAWAIIAN ISLANDS: Maui, Paupau Ridge, *Degener & Murashige* 20040, 7 Aug. 1949,  
TOPOTYPE

- Scaevola mollis* Hook. & Arn., Bot. Beechey 89. 1832  
HAWAIIAN ISLANDS: Oahu, Koolau Mts., *F.R. Fosberg 14146*, 27 June 1937, (Pl. ex. Gray 874), TOPOTYPE
- Scaevola procera* Hillebr., Fl. Haw. Is. 268. 1888  
HAWAIIAN ISLANDS: Kanai, Kokee, Halemanu Hill, *Degener & Degener 23928*, 15 Sept. 1955, TOPOTYPE
- Scaphyglottis sanctae-martae* Schltr., Fedde, Rep. Spec. Nov. 7: 122. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 2363*, 1898-1901, ? ISOTYPE
- Schaefferia stenophylla* Pringle, Contr. U.S. Nat. Herb. 23(3): 682. 1923  
MEXICO: Puebla, near Tehuacan, *C.G. Pringle 7503*, 28 Aug. 1897, ISOTYPE
- Schizachne purpurascens* (Torrey) Swallen var. *pubescens* Dore, Nat. Can. 103: 563. 1976(1977)  
CANADA: Ontario, Carleton Co., North Rideau, *Dore & Gillett 47-80*, 3 June 1947, HOLOTYPE
- Schizocarpon reflexum* Rose, U.S. Dept. Agric. Contrib. Nat. Herb. 8: 55. 1903  
MEXICO: Guerrero, Iguala Canyon, *C.G. Pringle 10327*, 2 Oct. 1906, TOPOTYPE
- Schoenocaulon jalicense* Greenm., Proc. Amer. Acad. 43: 20. 1907  
MEXICO: Jalisco, near Guadalajara, *C.G. Pringle 11853*, 15 Oct. 1903, PARATYPE
- Schoenocaulon pringlei* Greenm., Proc. Am. Acad. 32: 295. 1897  
MEXICO: La Cime de Ajusco, *C.G. Pringle 13778*, 2 Aug. 1906, TOPOTYPE
- Schoenocaulon tenuifolium* Rob. & Greenm., Am. J. Sci. 1: 168. 1895  
MEXICO: Oaxaca, Sierra de San Felipe, *C.G. Pringle 10184*, 18 May 1906, TOPOTYPE
- Schoenocaulon texanum* Scheele, Linnaea 25: 262. 1852  
U.S.A.: Texas, Travis Co., Austin, *L.C. Taylor 3271*, 20 April 1943, TOPOTYPE
- Schoenocephalum schultesii* Maguire, Mem. N.Y. Bot. Gard. 10: 40. 1958  
COLOMBIA: Vaupés, Rio Kananari, *Schultes & Cabrera 14506*, 29 Oct. 1951, ISOTYPE
- Schwalbea australis* Pennell, Proc. Acad. Nat. Philadelphia 1919: 289. 1920  
U.S.A.: Tennessee, montium Cumberland inter Montgomery et Jamestown, *Rugel*, June 1842, ? TYPE - PUBLICATION NOT AVAILABLE
- Scilla verna* Huds. ssp. *ramburei* (Boiss.) Maire f. *viridifolia* Sauv., Publication unknown  
MOROCCO: Région de Rabat, Mamora méridionale, *Ch. Sauvage 15332*, 1 février 1959, (Ex. B. de Retz 9: 3331), ? TYPE COLLECTION MATERIAL

*Scirpus debilis* Pursh var. *williamsii* Fernald, Rhod. 3: 252. 1901  
U.S.A.: Massachusetts, Massapoag Lake, Sharon, *Williams & Fernald* (Pl. ex. Gray. 26), 7 Sept. 1901, ISOTYPE

*Scirpus kariusawensis* Makino, Bot. Mag. Tokyo 18: 119. 1904  
JAPAN: Honshu, Karuizawa, *K. Sato 11124*, 29 Aug. 1954, TOPOTYPE

*Scirpus lineolatus* Franch. & Sav. f. *achaetus* Koyama, J. Jap. Bot. 30: 129. 1955  
JAPAN: Honshu, lac Kawaguchiko, prov. de Kai, *Ohwi et Koyama 3001*, 3 Aug. 1953, ISOTYPE

*Scirpus longii* Fernald, Rhod. 13: 6. 1911  
U.S.A.: Massachusetts, Dedham, *F.F. Forbes* (Pl. Ex. Gray. 144), June 1911, PARATYPE

*Scirpus* ×*oblongus* T. Koyama, Can. J. Bot. 40: 928. 1962  
U.S.A.: Vermont, St. Albans Bay, Lake Champlain, *E. Brainerd* 17 Aug. 1904, HOLOTYPE

*Scirpus ohwianus* T. Koyama, Bot. Mag. Tokyo 69: 212. 1956  
JAPAN: Kadzusa, near Yatsumi, *T. Koyama 14008*, 8 Sept. 1957, TOPOTYPE

*Scleroxylon canariensis* Willd., Ges. Naturf. Fr. Berl. Mag. 3: 57. 1809  
CANARY ISLANDS: Tenerife, Las Mercedes, *E. Asplund 1098*, 4 May 1933, TOPOTYPE

*Scoparia grandiflora* Nash, Bull. Torrey Bot. Club 23: 405. 1896  
U.S.A.: Florida, Hillsborough Co., Tampa, *G.V. Nash 2417*, 20 Aug. 1895, ISOTYPE

*Scopulophila nitrophiloides* Jones, Contrib. West. Bot. 12: 5. 1908  
U.S.A.: Nevada, Clark Co., Charleston Mts., *I.W. Clokey 7924*, 12 May 1938, TOPOTYPE

*Scorzonera serpentinica* Rech. f., Engl. Bot. Jahrb. 80: 428-429. 1961  
GREECE: Euboea, Montes Kandili, *K.H. Rechinger 16415*, 20 July 1956, ISOTYPE

*Scrophularia californica* Cham., Linnaea 2: 585. 1825  
U.S.A.: California, San Francisco, Bayview Hills, *L.S. Rose 38211*, 1 May 1938, TOPOTYPE

*Scrophularia canina* L. var. *juratensis* O. Kuntze, Publication unknown  
EUROPE: Jura, Döle, *O. Kuntze*, 19 juin 1864, ? TYPE COLLECTION MATERIAL

*Scrophularia canina* L. var. *pratensis* O. Kuntze, Publication unknown  
EUROPE: Herbarium of *Otto Kuntze*, 5 May 1885, ? TYPE COLLECTION MATERIAL

*Scrophularia glabrata* Aiton, Hortus Kewensis, Ed. 1, 2: 34. 1789  
CANARY ISLANDS: Nivaria, Las Canadas, *E.R. Sventenius*, (Fl. Sel. Can. 64), 17 Apr. 1944, TOPOTYPE

- Scrophularia nodosa* L. var. *octangulare* O. Kuntze, Publication unknown  
EUROPE: Herbarium *Otto Kuntze*, Aug. 1865, ? TYPE COLLECTION MATERIAL
- Scrophularia pegaea* Hand. Mazz., Ann. Nat. Hofmus, Wien 27: 403. 1913  
U.S.S.R.: Kurdistania occidentalis Taurus Armenius, in monté Hasarbaba Dagh ad lacum Göldschik, *H.F. v. Handel-Mazzetti*, 29 July 1910, TYPE COLLECTION MATERIAL
- Scrophularia trifoliata* L., Systema Naturae ed. 10, 1114. 1835  
FRANCE: Corsica, Bastia, *M.F. Spencer*, 15 May 1914, TOPOTYPE
- Scutellaria alpina* L. var. *albiflora* Gavelle, Publication unknown  
FRANCE: Bousieyas, *Gavelle*, 21 July 1969, ? TYPE COLLECTION MATERIAL
- Scutellaria chamaedrys* Shuttl. ex Benth. in DC. Prodr. 12: 422. 1848  
U.S.A.: Tennessee, in lapidosis montium supra Warm Springs, *Rugel*, July 1842, ISOTYPE
- Scutellaria cypris* Rech. f., Bot. Archiv. 43: 48-50. 1941  
CYPRUS: Mont Troodos, *M. Haradjian*, 1-20 juillet 1912, TOPOTYPE
- Scutellaria goulimyi* Rech. f., Anz. Österr. Akad. Wiss. Math.- Nat. 93: 99. 1956  
GREECE: Euboea, *K.H. Rechinger 16701*, 29 May 1955, ISOTYPE
- Scutellaria hirtella* Juzepczuk, Akad. Nayk CCCP Jour. Bot. 24: 424. 1939  
U.S.S.R.: Tauria, *Juzepczuk & Vysokoostrovskaja*, 30 July 1952, TOPOTYPE
- Scutellaria jabalambrensis* Pau, Not. Bot. Fl. Espan. 2: 35. 1889  
SPAIN: Sierra de Javalambre, *E. Reverchon*, 1891, TOPOTYPE
- Scutellaria lateriflora* L. var. *grohii* Boivin, Ann. ACFAS 19: 94- 96. 1953  
CANADA: British Columbia, Milner, *H. Groh 369*, 29 July 1939, HOLOTYPE
- Scutellaria parvula* Michx. var. *mollis* Gray, Proc. Am. Acad. 8: 630. 1873  
U.S.A.: Illinois, sand banks of the Mississippi, two miles north of Oquauka, *H.N. Patterson*, 18 June 1874, TOPOTYPE
- Sedum frutescens* Rose, Contr. U.S. Nat. Herb. 13: 298. 1911  
MEXICO: Morelos, above *Cuernavaca*, *C.G. Pringle 13266*, 5 June 1904, ISOTYPE
- Sedum lenophylloides* Rose, Contr. U.S. Nat. Herb. 13: 298. 1911  
MEXICO: Nuevo Leon, Sierra Madre above Monterey, *C.G. Pringle 10396*, 19 Sept. 1907, TOPOTYPE
- Sedum morrisonense* Hayata, Tokyo Univ., Fac. Sc. J. 25: 94. 1908  
TAIWAN: Mt. Morrison, *T.S. Liu*, 23 Aug. 1949, TOPOTYPE

- Sedum oaxacanum* Rose, Contr. U.S. Nat. Herb. 13: 299. 1911  
MEXICO: Oaxaca, Sierre de San Felipe, *C.G. Pringle 10243*, 18 May 1906, ISOTYPE
- Sedum spathulifolium* Hook., Fl. Bor.-Am. 1: 227-228. 1832  
U.S.A.: Oregon, Columbia River, *Calder et al. 20747*, 10 May 1957, TOPOTYPE
- Selaginella confusa* Spring, Flora 21: 218. 1838  
JAMAICA: Blue Mountain Peak, *W.R. Maxon 10002*, 7-9 July 1926, TOPOTYPE
- Selaginella galeotti* Spring, Bull. Acad. Brux. 10: 230. 1843  
MEXICO: ? *Galeotti*. TOPOTYPE, ? ISOTYPE (ex. Herb. Mus. Paris)
- Selaginella moritziana* Spring ex Klotzsch, Linnaea 20: 436. 1847  
COLOMBIA: Santa Marta, *H.H. Smith 2242*, 1898-1901, TOPOTYPE
- Selaginella sheldonii* Maxon, Proc. Biol. Soc. Wash. 31: 171. 1918  
U.S.A.: Texas, Brewster Co., Alpine, *E.O. Wooton*, 7 Mar. 1918, PARATYPE
- Selaginella yunckeri* A.H.G. Alston, Bernice P. Bishop Mus. Bull. 220: 44. 1959  
TONGA: Kao, *T.G. Yuncker 15914*, 6 May 1953, ISOTYPE
- Sempervivum pittonii*, Schott., Nyman & Kotschy, Analecta Bot. 1: 19-20. 1854  
AUSTRIA: Styria, Kraubat au dessus de Leoben, *Rec. de Pittoni* (Schultz & Winter, Herb. Norm. Cent. 1, 48), TOPOTYPE
- Senecio andersonii* Clokey, Bull. S. Calif. Acad. Sc. 37: 10-11. 1938  
U.S.A.: Nevada, Charleston Mts., Lee Canyon, *Clokey & Anderson 5638*, 5 Aug. 1935, ISOTYPE
- Senecio balbisianus* DC., Prodr. 6: 360. 1837  
ITALY: Piemonte, Val Pesio, *Cl. Bicknell* (Dörfler Herb. Norm. 4110), June 1899, TOPOTYPE
- Senecio clevelandii* Greene var. *heterophyllus* Hoover, Leafl. West. Bot. 2: 132. 1938  
U.S.A.: California, Tuolumne Co., Taylor Hill south of Chinese Camp, *R.F. Hoover 9888*, 23 June 1966, TOPOTYPE
- Senecio cochliarifolia* DC., Prodr. 6: 379. 1837  
MADAGASCAR: Moramanga, *M.R. Decary 18160*, 1 Sept. 1942, TOPOTYPE
- Senecio congestus* (R.Br.) DC. var. *tonsus* Fernald, Rhod. 47: 256. 1945  
U.S.A.: Wisconsin, Lake Superior region near La Chapelle, *L.S. Cheney 7419*, 16 July 1897, ISOTYPE
- Senecio cruentus* DC., Prodr. 6: 410. 1837



CANARY ISLANDS: Tenerife, *E. Asplund*, 31 Mar. 1933, TOPOTYPE

*Senecio cyclophyllus* Greenm., Field. Col. Mus. Bot. ser. 2: 276. 1907

MEXICO: Nuevo Leon, Sierra Madre above Monterrey, *C.G. Pringle 10230*, 31 Mar. 1906, ISOTYPE

*Senecio cymbalarioides* Nutt. ssp. *moresbiensis* Calder & Taylor, Can. J. Bot. 43: 1399. 1965

CANADA: British Columbia, Queen Charlotte Islands, Moresby Island, *Calder et al. 23066*, 2 Aug. 1957, HOLOTYPE

*Senecio dileptiifolius* Greene, Ott. Nat. 15: 251. 1902

CANADA: British Columbia, Chilliwack Valley, *J.M. Macoun 26679*, 29 Aug. 1901, ISOTYPE

*Senecio echinatus* DC., Prodr. 6: 411. 1837

CANARY ISLANDS: Nivaria, *E.R. Sventenius* (Fl. Sel. Canar. 182), 31 Apr. 1949, TOPOTYPE

*Senecio fendleri* Gray., Mem. Amer. Acad. Arts & Sc. N.S. 4: 108. 1849

U.S.A.: New Mexico, Santa Fe Canon, 9 miles east of Santa Fe, *A.A. & E.G. Heller 3774*, 26 June 1897, TOPOTYPE

*Senecio hallii* Britton var. *discoidea* W.A. Weber, Univ. Colorado Stud. Biol. 3: 104. 1955

U.S.A.: Colorado, Saguache Co., Cochetopa Pass, *W.A. Weber 9417*, 10 Aug. 1955, TOPOTYPE

*Senecio harfordii* Greenman, Contr. U.S. Nat. Herb. 11: 597. 1906.

U.S.A.: Oregon, Multnomah Co., Columbia Gorge near Multnomah Falls, *J.W. Thompson 11844*, 3 July 1935, TOPOTYPE

*Senecio heritieri* DC., Prodr. 6: 409. 1837

CANARY ISLANDS: Tenerife, *J. Bornmüller 2444*, 3 June 1901, TOPOTYPE

*Senecio ionophyllus* Greene, Pittonia 2: 20. 1889

U.S.A.: California, Kern Co., Tehachapi Peak, *E.C. Twisselman 11117*, 6 July 1965, TOPOTYPE

*Senecio leucanthemifolius* Poir. var. *lopezii* Fiori, Fl. It. Ex. Ser. 2: 1764

ITALY: Cosenza, Cuturella, *G. Lopez*, 9 Apr. 1911, ISOTYPE

*Senecio leucanthemifolius* Poir. var. *pedunculatus* Fion in Fi., Paol. & Bég., Fl. Anal. d'It., 3: 211. 1903

ITALY: Sardinia, Prov. di Cagliari, Bosa, *A. Fiori*, 29 Mar. 1912, TOPOTYPE

*Senecio leucoreus* Greenman, Ann. Mo. Bot. Gard. 4: 21. 1917

U.S.A.: Nevada, Clark Co., Charleston Mts., Lee Canyon, *I.W. & C.B. Clokey 7756*, 3 July 1936, 12 July 1937, TOPOTYPE

*Senecio lewisrosei* J.T. Howell, Leafl. West. Bot. 3: 141. 1942  
U.S.A.: California, Butte Co., Feather River Canyon, near Pulga, *L.S. Rose 54085*, 31 May 1954,  
TOPOTYPE

*Senecio longiscapus* Baj. ex DC., Prodr. 6: 376. 1837  
MADAGASCAR: Tananarive Ambohibe, *M. Decary 6625*, 17 Apr. 1929, TOPOTYPE

*Senecio lugens* Richards., App. Franklin Journ. ed. 2: 31. 1823  
CANADA: District of Mackenzie, Bloody Falls on Coppermine River, *W.I. Findlay 148*, 18 July  
1951, TOPOTYPE

*Senecio maderensis* DC., Prodr. 6: 404. 1837  
MADERA: Seisal, Cabo Garajas, *G. Mandon 140*, Apr.-July 1865, TOPOTYPE

*Senecio multiflorus* Sch. Bip. in Webb & Berth., Phyt. Canar. 2: 325-326. 1842-50  
CANARY ISLANDS: Nivaria, Valle Orotava, *E.R. Sventenius* (Fl. Sel. Canar. 88), 20 July 1946,  
TOPOTYPE

*Senecio nebrodensis* L. var. *sardous* Fiori in Fi., Paol. & Bég. Fl. Anal. d'It., 3: 212. 1903  
ITALY: Sardinia, Prov. di Cagliari, Capoterra, loco Miniera di S. Leone, *A. Fiori*, 24 Mar. 1912,  
TOPOTYPE

*Senecio neomexicanus* Gray var. *griffithsii* Greenman, Ann. Mo. Bot. Gard. 5: 43. 1918  
U.S.A.: Arizona, Pima Co., Santa Rita Mts., Hill, *Maguire & Maguire 10911*, 21 Apr. 1935,  
TOPOTYPE

*Senecio platypus* Greenm., Field. Col. Mus. Bot. ser. 2: 278. 1907  
MEXICO: Nuevo Leon, Sierra Madre above Monterrey, *C.G. Pringle 10352*, 21 Dec. 1906,  
ISOTYPE

*Senecio ogotorukensis* Packer, Can. J. Bot. 50: 511-512. 1972  
CANADA: Yukon Territory, Mile 1062 Alaska Highway, *J.G. Packer 1971-74*, 2 July 1971,  
PARATYPE

*Senecio papyraceus* DC. f. *violaceus* O. Kuntze, Publication unknown  
EUROPE: Palma, *O. Kuntze*, 2 Aug. 1888, ? TYPE COLLECTION MATERIAL

*Senecio pauciflorus* Pursh var. *atropurpureus* Boivin, Nat. can. 75: 213. 1948  
CANADA: Alberta, Banff Park, Sunwapta Pass, *B. Boivin 5053*, 28 July 1946, HOLOTYPE

*Senecio rivularis* (W. & K.) DC. var. *alatus* Cuf., Publication unknown  
AUSTRIA: Mt. Rax, *H. Neumayer*, 7 July 1913, ? TYPE COLLECTION MATERIAL

*Seneico rupestris* W. & K. f. *glareosus* Fiori, Fl. Ital. Ex. Ser. 3: 2959

ITALY: Prov. d'Aquila, Aprutium, *A. Fiori*, 3 Aug. 1924, ISOTYPE

*Senecio salsuginosus* Schischkin in Spisok Rast. Herb. Fl. URSS 11: 164-165. 1949

U.S.S.R.: Kazakstania boreali-occidentalis, ad ripam lac. Czarchal, *S. Veruschkin et al.*, 18 May 1925, ISOTYPE

*Senecio sanctae-martae* Greenman, Ann. Miss. Bot. Gard. 10: 91. 1923

COLUMBIA: Santa Marta, *H.H. Smith* 1977, 1898-1901, ? ISOTYPE

*Senecio serpentini* Gay., Magar Flora 1138, 1925; Bot. Közlem 22: 78. 1925

HUNGARY: Borostyanko, *Gy. Gayer* (Fl. Hung. ex. 885), 11 June 1928, TOPOTYPE

*Senecio subdentatus* Ledeb. var. *fasciculatas* Litw., Herb. Fl. Ross. Ex. 1876

U.S.S.R.: Turkestan, prov. Transkaspia, near Repetek, *N. Androssow*, 16 Apr. 1902, ISOTYPE

*Senecio taiwanensis* Hayata, J. Coll. Sc. Tokyo 30(1): 157-158. 1911

TAIWAN: Mt. Morrison, Collector Unknown, 23 Aug. 1949, TOPOTYPE

*Senecio teneriffae* Sch. Bip., Bonplandia 8: 133. 1860

CANARY ISLANDS: Tenerife, *E. Asplund*, 9/3/1933, TOPOTYPE

*Senecio trautvetteri* Maximova, Pl. ex. CCCP 6099. 1972

U.S.S.R.: Archipelagus insulae Ursinae (mare Sibiricum orientale), insula Krestovsky, *M. Maximova*, 28 July 1971, ISOTYPE

*Senecio turczaninovii* DC. ssp. *czikoicum* Maximova, Herb. Fl. U.S.S.R. ex. 5096

U.S.S.R.: Siberia orientalis, Dahuria, Mt. Bystrinsky, *M. Maximova*, 15 July 1968, ISOTYPE

*Senecio vulgaris* L. f. *thyrrenus* Fiori, Fl. Ital. Ex. Ser. 2: 1967

ITALY: Sardinia, Sassari, inter pagos Codrongianus et Siligo, *A. Terracciano*, 24 Mar. 1912, ISOTYPE

*Serjania colombiana* Radlk., Bot. Jahrb. Syst. 37: 149. 1905

COLOMBIA: Santa Marta, *H.H. Smith* 1544, 1898-1901, ? ISOTYPE

*Serjania grandidens* Radlk., Bot. Jarb. Syst. 37: 144. 1905

COLOMBIA: Santa Marta, *H.H. Smith* 1538, 1898-1901, ? ISOTYPE

*Serjania unguiculata* Radlk.

MEXICO: Morelos, Barranca of Cuernavaca, *C.G. Pringle* 6982, 16 March 1899, ? PARATYPE

*Serratula caput-najae* Zahariadi f. *semivestita* Zahariadi, Bull. Sect. Sci. Acad. Roum. 28: 317.

1946

ROUMANIA: Muntenia, distr. Buzau, *C. Zahariadi* (Fl. Rom. Ex. 2982), 21 June 1944, TYPE COLLECTION MATERIAL

*Seseli tommasinii* Reichenbach f., Icones florae Germanicae & Helveticae 21: 34 tab 204 vel 245. 1867

AUSTRIA: Istria propa Pola, *K. Untchj*, Aug. 1897 (Herb. Norm. Dörfler 4334), TOPOTYPE

*Seseli webbii* Coss, Bull. Soc. Bot. Fr. 3: 57-58. 1856

CANARY ISLANDS: Nivaria, inter Garachico et Icod, *E.R. Sventenius 152*, 27 Feb. 1945, TOPOTYPE

*Sesleria barcensis* Simk., Magy. botan. Lapok 5: 376. 1906

HUNGARY: Szaszhermany, *A. Richter*, 12 May 1911, TOPOTYPE

*Sesuvium portulacastrum* L. var. *griseum* Degener & Fosberg, Publication unknown

CANTON ISLAND: near Housingarea, *O. Degener 21451*, 15 July 1950, TYPE COLLECTION MATERIAL

*Setaria subtransiens* Hitchc. & Ekman, U.S. Dept. Agric. Misc. Publ. 243: 351-352. 1936

CUBA: Province Santa Clara, Motembo, *E.L. Ekman* (Amer. Gr. Nat. Herb. 1043), 27 June 1923, ISOTYPE

*Setaria viridis* (L.) Beauv. f. *pygmaea* Erikson, Publication unknown

SWEDEN: *J. Erikson*, Sept. 1914, ? TYPE COLLECTION MATERIAL

*Seymeria deflexa* Eastw., Proc. Amer. Acad. 44: 607. 1909

MEXICO: Nuevo Leon, Sierra Madre above Monterrey, *C.G. Pringle 10398*, 19 Sept. 1907, ? TYPE - PUBLICATION NOT AVAILABLE

*Shorea rugosa* Helm var. *uliginosa* Sym., Publication unknown

MALAY PENINSULA: Selangor, Telok Reserve, Klang, *Md. Nur 34030*, 8 Oct. 1937, ? TYPE COLLECTION MATERIAL

*Shortia soldanelloides* (Sieb. & Zucc.) Makino var. *intercedens* Ohwi, Fl. Jap. 872. 1953

JAPAN: Honshu, *Ohwi & Koyama* (TSM No. 1107), 14 Oct. 1954, TOPOTYPE

*Sibiraea croatica* Degen, Magy. Bot. Lap. IV: 255. 1905

JUGOSLAVIA: Croatia, Carlobago, *A. Richter*, 23 June 1909, TOPOTYPE

*Sicyos macrophyllus* A. Gray, Amer. Acad. Arts Sci., Proc. 3: 54. 1853

HAWAIIAN ISLANDS: Hawaii, north slope of Mauna Kea, *Degener & Greenwell 21250*, 23 Aug. 1949, TOPOTYPE

*Sida canariensis* Willd., Sp. Pl. 3: 735. 1800

CANARY ISLANDS: Nivaria, Los Silos, *E.R. Sventenius 147*, 26 June 1949, TOPOTYPE

*Sida glomerata* Cav., Diss. 1: 18. t. 2 f. 6

COLOMBIA: Santa Marta, *H.H. Smith 482*, Dec. 1898-1901, ? TYPE - PUBLICATION NOT AVAILABLE

*Sida rubro-marginata* Nash, Bull. Torrey Bot. Club 23: 102. 1896

U.S.A.: Florida, Hillsborough Co., Tampa, *G.V. Nash 2472*, 24 Aug. 1895, ISOTYPE

*Sida verticillata* Cav., Diss. 1: 13. t. 1 f. 12

COLOMBIA: Santa Marta, *H.H. Smith 717*, Dec. 1898-1901, ? TYPE - PUBLICATION NOT AVAILABLE

*Sidalcea cusickii* Piper ssp. *purpurea* C.L. Hitchc., Univ. Wash. Pub. Biol. 18: 47. 1957

U.S.A.: Oregon, Douglas Co., 2 mi. N of Oakland, *C.L. Hitchcock 19612*, 7 June 1952, ISOTYPE

*Sidalcea hirtipes* C.L. Hitchc.

U.S.A.: Oregon, Tillamook County, Cascade Head, mouth of Salmon River, *C.L. Hitchcock 20039*, 6 July 1953, PARATYPE; Clatsop County, Saddle Mountain State Park, *C.L. Hitchcock 19530*, 1 July 1951, PARATYPE; along highway U.S. 30, 0.3 miles north of Meacham, *Bartlett & Grayson 836*, 17 July 1952, PARATYPE; Washington, Lewis County, 11 miles south of Chehalis, *C.L. Hitchcock 19902*, 30 June 1953, PARATYPE

*Sidalcea hirtipes* C.L. Hitchc., Univ. Wash. Pub. Biol. 18: 42. 1957

U.S.A.: Oregon, Tillamook Co., 15 mi. S of Tillamook on Hy. 101, *C.L. Hitchcock 19529*, 1 July 1981, ISOTYPE

*Sidalcea malvaeflora* Gray ssp. *laciniata* C.L. Hitchc., Univ. Wash. Pub. Biol. 18: 29-30. 1957

U.S.A.: California, San Luis Obispo Co., South city limit of Arroyo Grande, *C.L. Hitchcock 19575*, 3 June 1952, PARATYPE

*Sidalcea malvaeflora* Gray ssp. *patula* C.L. Hitchc., Univ. Wash. Pub. Biol. 18: 21-22. 1957

U.S.A.: Del Norte Co., 1 mi. N of Smith R., *C.L. Hitchcock 19513*, 29 June 1951, PARATYPE

*Sidalcea malvaeflora* (DC.) Gray ssp. *sparsifolia* C.L. Hitchc. var. *hirsuta* C.L. Hitchc.

U.S.A.: California, San Diego County, 2 miles east of Alpine, ¼ mile west of Sweetwater River, *C.L. Hitchcock 19549*, 31 May 1952, PARATYPE

*Sidalcea malvaeflora* (DC.) Gray ssp. *sparsifolia* C.L. Hitchc. var. *sparsifolia*

U.S.A.: California, Kern County, south of Bodfish, *C.L. Hitchcock 19545*, 29 May 1952, PARATYPE; east end Mill Potrero, *C.L. Hitchcock 19568*, 2 June 1952, PARATYPE; west end of Mill Potrero, *C.L. Hitchcock 19569*, 2 June 1952, PARATYPE; Ventura County, 5 miles west of Frazier Park, *C.L. Hitchcock 19566*, 2 June 1952, PARATYPE; one mile east of Ozena Guard Station, *C.L. Hitchcock 19571*, 2 June 1952, PARATYPE; Los Angeles County, 6 miles west of Hughes Lake on road to Gorman, *C.L. Hitchcock 19565*, 2 June 1952, PARATYPE

*Sidalcea malvaeflora* (DC.) Gray ssp. *sparsifolia* C.L. Hitchc. var. *stellata* C.L. Hitchc.

U.S.A.: California, Riverside County, 7 miles NE of Aguanga, *C.L. Hitchcock 19558*, 31 May 1952, PARATYPE; north edge of town of Idyllwild, *C.L. Hitchcock 19562*, 31 May 1952, PARATYPE

*Sidalcea malvaeflora* Gray ssp. *sparsifolia* C.L. Hitchc., Univ. Wash. Pub. Biol. 18: 34. 1957

U.S.A.: California, Kern Co., 1 mi. S of Ft. Tejon, *C.L. Hitchcock 19546*, 29 May 1952, ISOTYPE

*Sidalcea malvaeflora* Gray ssp. *sparsifolia* C.L. Hitchc. var. *hirsuta* C.L. Hitchc., Univ. Wash. Pub. Biol. 18: 35. 1957

U.S.A.: California, San Diego Co., ca 2 mi. S of Fall Brook, *C.L. Hitchcock 19548*, 30 May 1952, ISOTYPE

*Sidalcea malvaeflora* Gray ssp. *sparsifolia* C.L. Hitchc. var. *uliginosa* C.L. Hitchc., Univ. Wash. Pub. Biol. 18: 36. 1957

U.S.A.: California, Kern Co., Hot Springs ca 2 mi. NE of Kernville, *C.L. Hitchcock 19543*, 29 May 1952, ISOTYPE

*Sidalcea malvaeflora* Gray ssp. *sparsifolia* C.L. Hitchc. var. *stellata* C.L. Hitchc., Univ. Wash. Pub. Biol. 18: 35. 1957

U.S.A.: California, San Diego Co., ¼ mi. E of Laguna Mountain Camp Ground, *C.L. Hitchcock 19554*, 31 May 1957, ISOTYPE

*Sidalcea oregana* Gray ssp. *oregana* var. *procera* C.L. Hitchc.

U.S.A.: Washington, Lincoln County, 7 miles east of Wilbur, *C.L. Hitchcock 19433*, 25 June 1951, PARATYPE; Wasco County, about 3 miles north of Springs Creek on Madras-Mt. Hood Hwy. #90, *C.L. Hitchcock 19646*, 2 July 1952, PARATYPE; roadside ditch at edge of Wapinita, *Hitchcock 19652*, 2 July 1952, PARATYPE; Baker County, 10 miles north of Baker, *C.L. Hitchcock 19671*, 15 July 1952, PARATYPE; about 12 miles north of Unity, *C.L. Hitchcock 19463*, 27 June 1951, PARATYPE; about 8 miles west of Hereford, *C.L. Hitchcock 19461*, 26 June 1951, PARATYPE; 6 miles south of Baker, *C.L. Hitchcock 19459*, 26 June 1951, PARATYPE; 5 miles north of Haines, *C.L. Hitchcock 19458*, 26 June 1951, PARATYPE; Union County, 4 miles west of La Grande, *C.L. Hitchcock 19454*, 26 June 1951, PARATYPE; Union County, 10 miles south of Starkey, *C.L. Hitchcock 19742*, 17 July 1952, PARATYPE; Lake County, about 25 miles NW of Lakeview, *C.L. Hitchcock 19490*, 28 June 1951, PARATYPE

- Sidalcea oregana* Gray ssp. *oregana* Gray var. *calva* Hitchc., Univ. Wash. Pub. Biol. 18: 61. 1957  
U.S.A.: Washington, Chelan Co., ca 12 mi. SE of Cashmere, *C.L. Hitchcock 19427*, 21 June 1957, ISOTYPE
- Sidalcea oregana* Gray ssp. *oregana* Gray var. *procera* C.L. Hitchc., Univ. Wash. Pub. Biol. 18: 62-63. 1957  
U.S.A.: Washington, Grant Co., ca 10 mi. E of Coulee City, *C.L. Hitchcock 19432*, 25 June 1951, ISOTYPE
- Sideritis argosphacelus* Clos, Ann. Sc. Nat. Ser. IV 16: 80-81. 1861  
CANARY ISLANDS: Tenerife, in vicin. pag. Buenavista, *E. Asplund 584*, 27 Mar. 1933, TOPOTYPE
- Sideritis canariensis* L., Sp. Pl. 574. 1753  
CANARY ISLANDS: Tenerife, *E. Asplund 843*, 15 Apr. 1933, TOPOTYPE
- Sideritis chlorostegia* Juz., Not. Bot. Acad. Sc. U.R.S.S. 14: 24- 25. 1951  
U.S.S.R.: Tauria, in jaila Bajdarskaja ad mare prope dictum Bizjuk, *S. & D. Juzepczuk*, 15-16 July 1949, ISOTYPE
- Sideritis dendro-chahorra* Bolle, Bonplandia 8: 285. 1860  
CANARY ISLANDS: Tenerife, Montes de Anaga, Tablero, *E. Asplund 1317*, 17 May 1933, TOPOTYPE
- Sideritis imbricata* Juz., Bot. Mat. gerb. Bot. inst. ANSSSR 14: 27. 1951  
U.S.S.R.: Tauria prope opp. Staryj Krym, in declivibus fruticosis m. B. Agarmysch, *Juzepczuk & Vysokoostrovskaja*, 16 July 1952, TOPOTYPE
- Sideritis javalambrensis* Pau, Not. Bot. Fl. Espan. 1: 26. 1887  
SPAIN: Sierra Javalambre, *F. Sennen (?)*, Sept. 1909, TOPOTYPE
- Sideritis leucantha* Lag. var. *paucidentata* Willk. f. *laxiflora* Sennen, Publication unknown  
SPAIN: Valence, Benicarlo et Cerezos, *F. Sennen 753*, July 1909, ? TYPE COLLECTION MATERIAL
- Sideritis linearifolia* Lagasca & Segura, Genera et Species Plantarum Novae 18. 1816  
SPAIN: Montagnes de Miranda, Castille, *Sennen & Elias 121*, July 1906, TOPOTYPE
- Siderites macrostachyos* Webb & Berth., Poiret Encycl. Suppl. 2: 381  
CANARY ISLANDS: Nivaria, Anaga, *E.R. Sventenius 72*, 5 May 1947, TOPOTYPE
- Sideritis maireana* F. Q. et Pau in Font Quer Iter Marocc. 1927 No. 533 [1928]  
MOROCCO: Bu Meziat, 1700 m alt., *P. Font i Quer*, 8 July 1927, ? ISOTYPE

- Sideritis zaiana* Sauvage, Bull. Soc. Franc. Exchange Pl. Fasc. 11, 17. 1964  
MOROCCO: Zaiane, environs d'El-Harcha au sud de Maza, *Ch. Sauvage 15960*, 7 juin 1961, ?  
TYPE - PUBLICATION NOT AVAILABLE
- Sideroxylon columbiamum* Standley, Trop. Woods 22: 13. 1930  
COLOMBIA: Santa Marta, *H.H. Smith 456*, 1898-1901, ? ISOTYPE
- Sideroxylon mermulana* Lowe, Trans. Camb. Phil. Soc. 4: 22. 1831  
CANARY ISLANDS: Nivaria, Icod de los Vinos, *E.R. Sventenius 161*, 31 Aug. 1949,  
TOPOTYPE
- Sieversia rossii* R. Br. in Parry, Jl. Voy. Disc. North-west Passage, Appendix p. 276. 1824  
CANADA: District of Franklin, Melville Island, *G. Parker 10D*, 13 July 1974, TOPOTYPE
- Silene acaulis* L. ssp. *arctica* A. & D. Löve, Univ. Col. Stud. Biol. 17: 21. 1965  
U.S.A.: New Hampshire, Mt. Washington, *Beaudry et al. 58-140*, 26 juillet 1955, TOPOTYPE
- Silene andersonii* Clokey, So. Calif. Acad. Sc. Bull., 38. 2. 1939  
U.S.A.: Nevada, Clark Co., Charleston Mts., Lovell Canyon, *I.W. Clokey 7514*, 9 Aug. 1937,  
ISOTYPE
- Silene csereii* Baumgarten, Enum. Stirp. Trans. 3: 345. 1816  
HUNGARY: Transsilvania, Marossobymos prope Deva, *A. Richter* (Dorfler, Herb. Norm. 5428),  
June 1911, TOPOTYPE
- Silene nutans* L. var. *smithianus* Moss, Cambridge Br. Fl. p. 79. 1920  
GREAT BRITAIN: Kent, Folkestone, *H. & J. Groves*, 6 June 1881, TOPOTYPE
- Silene radicata* Boiss. & Heldr. ssp. *pseudoradicosa* Rech. f., Publication unknown  
GREECE: Euboea, *K.H. Rechinger 18214*, 21 July 1956, ? TYPE COLLECTION MATERIAL
- Silene scaposa* Robinson, Proc. Am. Acad. 28: 145. 1893  
U.S.A.: Oregon, Ukiah, western Blue Mts., *W.C. Cusick 3443*, 18 June 1910, TOPOTYPE
- Silene seelyi* Morton & Thompson, Torreya 33: 70. 1933  
U.S.A.: Washington, Chelan Co., Nigger Creek, *J.W. Thompson 12614*, 19 Aug. 1935,  
TOPOTYPE
- Silene stenocalycina* Rech. f., Osterr. Bot. Zeitschr. 104: 175. 1957  
GREECE: Insula Euboea septentrionalis, Montes Kandili, *K.H. Rechinger 18178*, 20 July 1956,  
ISOTYPE
- Silene tunetana* Murbeck, Act. Univ. Lund 33: 31. 1897  
TUNISIA: entre El Azib et El Alia près de Bizerte, *L. Faurel 4766*, 7 avril 1963, TOPOTYPE



- Silene williamsii* Britton, Bull. N.Y.B.G. 2: 168. 1901  
CANADA: Yukon Terr., Dawson, *Calder & Billard 3564*, 7 July 1949, TOPOTYPE
- Sinclairia broomei* Robinson, Phytologia 33: 287. 1976  
MEXICO: Sierra Madre del Sur, *Reveal et al. 4267*, 17 Oct. 1975, ISOTYPE
- Siphanthera jenmani* Gleason, Brittonia 1(3): 137. 1932  
BRITISH GUIANA: Kaieteur Plateau, *Maguire & Fanshawe 23161*, 2 May 1944, TOPOTYPE
- Siphocampylus declinatus* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 145-146. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 1384* (1898-1901), ? ISOTYPE
- Siphocampylus rectiflorus* Rusby, Descriptions of Three Hundred New Species of South American Plants, p. 145. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 1388* (1898-1901), ? ISOTYPE
- Siphonia lutea* Spruce ex Benth., Kew Journ. 6: 370. 1854  
BRAZIL: Rio Uaupés, near Serra Tukano, *Schultes & López 9724*, 8 Feb. 1948, TOPOTYPE
- Sison ammomum* L. var. *catalaunica* Costa, Publication unknown  
SPAIN: Catalogne, Barcelone, Riera de Vallvidrera, *F. Sennen 987*, Aug. 1910, TOPOTYPE
- Sisyrinchium bermudiana* L., Sp. Pl. 954  
BERMUDA: Warwick Parish, *W.J. Cody 35453*, 7 Apr. 1987, TOPOTYPE
- Sisyrinchium tenuifolium* Humb. & Bonpl. var. *seatonii* Greenm., Proc. Am. Acad. 39: 76. 1904  
MEXICO: Puebla, Chalchicomula, *C.G. Pringle 9533*, 27 July 1901, TYPE COLLECTION MATERIAL
- ×*Sitordeum californicum* Bowden, Can. J. Bot. 45: 722. 1967  
U.S.A.: California, Sierra Nevada, Tulare Co., Rock Creek, *J.T. Howell*, 7 Aug. 1949, PARATYPE
- Sium suave* Walter var. *tenuissima* Kitagawa, Publication unknown  
JAPAN: Settsu Prov., Arimadani, *T. Makino*, 1931, ? TYPE COLLECTION MATERIAL
- Smelowskia johnsonii* G.A. Mulligan, Can. Field-Nat. 115(2): 341. 2001  
U.S.A.: Alaska, Bering Strait District: hills adjacent to the Kukpuk River, 68 17'N 165 32'W, *A.W. Johnson et al. 688*, 15-16 Aug. 1959, HOLOTYPE
- Smilacina amplexicaulis* Nutt. var. *jenkinsii* Boivin, Can. Field- Nat. 65: 14. 1951  
CANADA: Alberta, east of Beaverlodge, *L. Jenkins 730a*, 26 June 1949, HOLOTYPE

*Smilacina amplexicaulis* Nuttall var. *ovata* Boivin  
 CANADA: Saskatchewan, Cypress Park, *W. Shevenek s.n.*, 3 July 1939, PARATYPE; Cypress Hills, Birch Creek Ranger Station, *A.J. Breitung 4377*, 5 July 1947, PARATYPE

*Smilacina amplexicaulis* Nutt. var. *ovata* Boivin, Can. Field-Nat. 65: 15. 1951  
 CANADA: Saskatchewan, Cypress Hills, *A.J. Breitung 5241*, 2 Aug. 1947, HOLOTYPE

*Smilacina racemosa* (L.) Desf. var. *lanceolata* Boivin Can. Field- Nat. 65: 16. 1951  
 CANADA: Ontario, Carleton Co., Gloucester Twp., *W.H. Minshall 74*, 30 May 1939, HOLOTYPE

*Smilax micro-china* T. Koyama, Dansk Botanisk Arkiv 23(1): 15-16. 1963  
 THAILAND: Updawn, Poo Kradeng, *Sorensen et al. 7465*, 10 July 1959, HOLOTYPE

*Smilax riparia* A. DC. var. *ussuriensis* Hara & Koyama, Publication unknown  
 JAPAN: Honshu, Shimotsuke Prov., Shiobara Spa, *T. Koyana*, 22 July 1956, ? TYPE  
 COLLECTION MATERIAL

*Solanum dulcamara* L. var. *canescens* Farwell, Papers Mich. Acad. Sci. 2: 39. 1923  
 U.S.A.: Michigan, Oakland Co., near Rochester, *O.A. Farwell 2105*, 15 Aug. 1909, ISOTYPE

*Solanum ellipsoideibaccatum* Bitter, Repert. Spec. Nov. Regni Repert. Spec. Nov. Regni Veg. 11: 486. 1913  
 COLOMBIA: Santa Marta, *H.H. Smith 1153*, 1898-1901, ? ISOTYPE

*Solanum incompletum* Dunal. in D.C. Prodr. 13: 311. 1852  
 HAWAIIAN ISLANDS: Puu Huluhula near Saddle, *Degener & Greenwell 19980*, 20 Aug. 1949, TOPOTYPE

*Solanum sanctae-catharinae* Dunal in D.C. Prodr. 13.1. 109  
 BRASIL: Santa Catarina, *Smith & Klein 13249*, 13 Nov. 1964, TOPOTYPE

*Solanum sanctae-marthae* Bitter, Fedde, Rep. Spec. Nov. 12: 60. 1913  
 COLOMBIA: Santa Marta, *H.H. Smith 1858* (1898-1901), ? ISOTYPE

*Solanum scorpioideum* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 113-114. 1920  
 COLOMBIA: Santa Marta, *H.H. Smith 1144* (1898-1901), ? ISOTYPE

*Solanum vitiense* Seem., Journ. Bot. 1: 206. 1863  
 FIJI: Mbulu, near Sovi Bay, Niti Levu, *O. Degener 15032*, 20 Apr. 1941, TOPOTYPE

*Solidago* × *bernardii* Boivin, Phytologia 23(1): 21. 1972  
 CANADA: Manitoba, Kleefeld, *Boivin et al. 12942*, 16 août 1958, HOLOTYPE

- Solidago chapmani* Gray, Proc. Amer. Acad. Arts. 16: 80. 1880  
U.S.A.: Florida, Lake Co., Eustis, *G.V. Nash 1373*, 16-31 July 1894, TOPOTYPE
- Solidago chlorolepis* Fernald, Rhod. 17: 3. 1915  
CANADA: Quebec, Mt. Albert, *M.L. Fernald*, 24 July 1923, TOPOTYPE
- Solidago* ×*erskinei* Boivin, Nat. can. 94(5): 647. 1967  
CANADA: Prince Edward Island, Queens Co., Wood Islands, *J.S. Erskine 1634*, 2 Sept. 1952, HOLOTYPE
- Solidago glutinosa* Nutt. ssp. *randii* (Porter) Cronq. var. *ontarioensis* Ringius, Phytologia 62: 432. 1987  
CANADA: Ontario, Algoma Dist., Michipicoten, *Hosie et al. 384*, 1 Aug. 1938, TOPOTYPE
- Solidago hapemaniana* Rydb., Brittonia 1: 101. 1931  
U.S.A.: Nebraska, Kearney Co., Minden, *H. Hapeman*, 4 Sept. 1940, TOPOTYPE
- Solidago humilis* Banks var. *abbei* Boivin, Nat. can. 89(2): 73-74. 1962  
CANADA: Quebec, Ungava, mainland south of Cairn Island, *E.C. Abbe 3761*, 9 Aug. 1939, HOLOTYPE
- Solidago humilis* Miller var. *reducta* Farw. subvar. *spatulata* Farw., Am. Midl. Nat. 11: 85. 1958  
U.S.A.: Michigan, Oakland Co., Orion, *O.A. Farwell 933*, 29 Aug. 1895, TYPE COLLECTION MATERIAL
- Solidago* ×*leiofallax* Friesner, Butler Univ. Bot. Stud. 6: 81-82. 1943  
CANADA: Saskatchewan, 8 mi. SW of Tisdale, *A.J. Breitung 1702*, 22 Aug. 1942, PARATYPE
- Solidago lepida* DC. var. *molina* Fernald, Rhod. 17: 9. 1915  
CANADA: Québec, Gaspé Co., Mt. St. Anne near Percé, *Iltis & Raymond 3645*, 28 Aug. 1947, TOPOTYPE
- Solidago* ×*maheuxii* Boivin, Nat. can. 93: 1062. 1967  
CANADA: Manitoba, Kleefeld, *J.P. Bernard 61-38*, 23 août 1961, HOLOTYPE
- Solidago ouachitensis* C. & J. Taylor, Sida 11: 334-335. 1986  
U.S.A.: Oklahoma, Leflore Co., N slope of Rich Mtn. *J. & C. Taylor 33988*, 9 Nov. 1986, TOPOTYPE
- Solidago pruinosa* Greene, Pittonia 4: 70. 1899  
CANADA: Saskatchewan, Moose Jaw, *J. Fletcher*, Sept. 1883, TOPOTYPE
- Solidago puberula* Nutt. var. *monticola* Porter, Mem. Torr. Bot. Cl. 5: 320. 1894

U.S.A.: Maine, Mt. Desert Island, *E.L. Rand*, 4 Sept. 1891, TYPE COLLECTION MATERIAL

*Solidago* ×*raymondii* Rousseau, Can. J. Res. 28(3) Sec. C.: 243. 1950  
CANADA: Québec, ile Anticosti, Rivière Chicotte, *J. Rousseau* 52,355, 17 juillet 1942,  
PARATYPE

*Solidago virgaurea* L. var. *randii* Porter, Bull. Torrey Bot. Cl. 20: 208. 1893  
U.S.A.: Maine, Mt. Desert Island, *E.L. Rand*, 30 Aug. 1892, ISOLECTOTYPE

*Solidago virgaurea* L. var. *redfieldii* Porter, Bull. Torrey Bot. Cl. 20: 209. 1893  
U.S.A.: Maine, Mt. Desert Island, *Redfield*, 1 Sept. 1892, TYPE COLLECTION MATERIAL

*Sonchus arvensis* L. var. *shumovichii* Boivin, Nat. can. 94: 648. 1967  
CULTIVATED: Ottawa, Ont., in nursery, *G.A. Mulligan* 2247, 1 Aug. 1957, HOLOTYPE

*Sonchus fauces-orci* Knoche, Vagandi Mos, Reiseskizzen, Kanar. Ins. 244-246. 1923  
CANARY ISLANDS: Nivaria, Masca, *E.R. Sventenius* (Fl. Sel. Canar. 97), fl. 3 Mar. 1946, fr. 1  
May 1948, TOPOTYPE

*Sonchus gummifer* Link in Von Buch, Canar. Ins. 146. 1824  
CANARY ISLANDS: Nivaria, *E.R. Sventenius* (Fl. Sel. Canar. 193), 17 June 1945, TOPOTYPE

*Sonchus tubifer* Svent., Bol. Inst. Nac. Invest. Agrom., Madrid, No. 18 Cuad No. 96: 13. 1948  
CANARY ISLANDS: Nivaria, Masca, *E.R. Sventenius* 96, 6 Mar. 1948, TYPE COLLECTION  
MATERIAL

*Sonchus tubifer* Svent. var. *latisecta* Svent., Bol. Inst. Nac. Invest. Agrom., Madrid, No. 18 Cuad  
No. 96: 13. 1948  
CANARY ISLANDS: Nivaria, Masca, Roque Catana, *E.R. Sventenius* 194, 16 Jan. 1947, TYPE  
COLLECTION MATERIAL

*Sophora formosa* Kearney & Peebles, J. Wash. Acad. Sci. 29: 482. 1939  
U.S.A.: Arizona, Pinaleno Mts., 15 mi. SW of Safford, *B. Maguire* 10993, 24 Apr. 1935,  
ISOTYPE

*Sophora leachiana* Peck, Madrono 6: 13. 1931  
U.S.A.: Oregon, Josephine Co., Galice Cr., *M.E. Peck* 24078, 10 May 1946, TOPOTYPE

*Sorbus* ×*arnoldiana* Rehd., J. Arn. Arb. 2: 42. 1920  
CULTIVATED: Arnold Aboretum, Jamaica Plain, Mass., U.S.A., (A.A. #10784-2), *L.I. Nevling*,  
Sept. 1965, HORTOTYPE

*Sorbus lancifolia* Hedl. Vid. - Selsk. Skr. Kristiania, Mat.-Nat. 1911(6): 166. 1912  
CULTIVATED: grown at Botanical Garden Upsala, Sweden from seed collected by Hedlund at

Husby, Norway in 1913, *C.G. Alm*, 31 May 1949, TOPOTYPE

*Sorbus neglecta* Hedl., Uppsala Univ. Arss. 1945(7): 221. 1945  
CULTIVATED: raised from seed collected in Norway by Hedlund in Norway by Hedlund in 1912, *C.G. Alm*, 31 May 1949

*Sosnovskya arpensis* Czer., Notulae Systematicae 20: 484. 1960  
U.S.S.R.: Armenia, dist. Echegnadzor, ad ripam sinistram fl. Arpa contra ostium fl. Elgis, *Tzoelev & Czerepanov* (Fl. ex U.S.S.R. 4394) 7 Aug. 1957, TOPOTYPE

*Sparganium oligocarpum* Angstr., Bot. Nat. 1853. 149  
SWEDEN: Lappmark, Lycksele, *J. Angström*, juli 1853, ? TYPE - PUBLICATION NOT AVAILABLE

*Sparganium speirocephalum* L.M. Neuman, Hartmans Handbok i Skandinaviens Flora ed. XII. 1: 109. 1899  
SWEDEN: Mpd., Sidsjö. *L.M. Neuman*, Sept. 1888, TYPE COLLECTION MATERIAL

*Spartina townsendii* H. & J. Groves, Rep. Bot. Exch. Club Brit. Isles 1880/81: 37. 1881  
ENGLAND: Hythe prope Southampton, *H. & J. Groves* (Dörfler, Herb. Norm. 4596), Sept. 1904, TOPOTYPE

*Spathodea heterophylla* R.Br., Prodr. 472. 1810  
AUSTRALIA: *R. Brown*, 1802-5, ? ISOTYPE

*Sphaeralcea fendleri* Gray, Pl. Wright 1: 21-22. 1850  
U.S.A.: New Mexico, Santa Fe, *A.A. & E.G. Heller 3811*, 5 July 1897, TOPOTYPE

*Sphenopholis intermedia* Rydb. var. *pilosa* Dore  
CANADA: Ontario, Carleton County, March Twp., 3 miles NW of Hazeldean, *W.G. Dore 14348B*, 26 June 1953, PARATYPE; Ottawa, Dow's Swamp, *W.G. Dore 14364*, 2 July 1953, PARATYPE; Frontenac County, Hinchinbrook Twp., about 3 miles west of Parham, along Fish Creek, *Dore & Mills 13800A*, 18 July 1952, PARATYPE

*Sphenopholis intermedia* Rydb. var. *pilosa* Dore, Nat. can. 103: 564. 1976(1977)  
CANADA: Quebec, Gatineau Co., Eardley, *Dore & Boivin 8612*, 9 July 1948, HOLOTYPE

*Spilanthes ocymifolia* A.H. Moore f. *radiifera* A.H. Moore, Proc. Amer. Acad. Arts 42: 533. 1907  
COLOMBIA: Santa Marta, *H.H. Smith 513*, 1898-1901, ? ISOTYPE

*Spiraea beauverdiana* Schneid. var. *stevenii* Schneid. Bull. Herb. Boiss. ser. 2. 5: 348. 1905  
U.S.S.R.: Kamtschatka, *Kharkevich & Barkalov*, 7 Aug. 1975, TOPOTYPE

- Spiraea cinerascens* Piper, Erythea 7: 171. 1899  
U.S.A.: Washington, Chelan Co., Colombia River N of Wenatchee, *J.W. Thompson 12605*, 18 Aug. 1935, TOPOTYPE
- Spiraea decumbens* Koch in Sturm, Deutschl. Fl. H. 62. 1833  
HUNGARY: Carthina, in valle Canalensi ad Leopoldskir chen *Jabornegg* Fl. Ex. Aust.-Hung. 443, ? TOPOTYPE
- Spiraea occidentalis* S. Wats., Proc. Am. Acad. 18: 192. 1883  
U.S.A.: Oregon, Tillamook Co., Trash River, 10 miles above Tillamook, *J.W. Thompson 12750*, 18 June 1936, TOPOTYPE
- Spiraea polonica* Blocki, Deutsche Bot. Monatsschr. 10: 110. 1892  
U.S.S.R.: Zezawa bei Zaleszezyki, *Blocki*, 4 June 1912, TOPOTYPE
- Spiranthes diluvialis* Sheviak  
U.S.A.: Utah, Garfield County, Deer Creek, vicinity of Burr Trail Bridge, *C.R. Sheviak 2300*, 27 July 1982, PARATYPE
- Spiranthes diluvialis* Sheviak, Brittonia 36: 11. 1984  
U.S.A.: Colorado, Jefferson Co., along Clear Creek, Golden, *Sheviak et al. 2257*, 17 July 1982, ISOTYPE
- Spiranthes ovalis* Lindley var. *erostellata* Catling, Brittonia 35: 123. 1983  
U.S.A.: Illinois, Macon Co., 2 mi. NW of Mt. Zion, *Catling et al.*, 6 Sept. 1981, HOLOTYPE
- Sporobolus cubensis* Hitchc., Contr. U.S. Nat. Herb. 12: 237. 1909  
CUBA: Province Pinar del Rio, Herradura, *E.L. Ekman* (Amer. Gr. Nat. Herb. 1044), 25 June 1922, TOPOTYPE
- Sporobolus floridanus* Chapm., Fl. South. U.S. p. 550. 1860  
U.S.A.: Florida, St. Joe, *W.A. Silveus 6498*, 5 Oct. 1940, TOPOTYPE
- Sporobolus indicus* (L.) R.Br. var. *pallidior* T. Koyama, J. Jap. Bot. 37: 236. 1962  
OKINAWA: Ishikawa, *T. Koyama 7328*, 2 Nov. 1958, HOLOTYPE
- Sporobolus indicus* (L.) R.Br. var. *purpureo-suffusus* T. Koyama f. *spiciformis* T. Koyama, J. Jap. Bot. 37: 235. 1962  
JAPAN: Honshu, Pref. Niigata, Nishi-Kambara Co., Maze, *Y. Ikegami 9596*, 24 Sept. 1947, HOLOTYPE
- Sporobolus patens* Swallen, Jour. Wash. Acad. Sci. 31: 352. 1941  
U.S.A.: Arizona, Wilcox, *W.A. Silveus*, (Amer. Gr. Nat. Herb. 1386), 26 Sept. 1938, ISOTYPE

- Sporobolus smutsii* Steat var. *longifolius* Goossens, Kew. Bull. 1934: 197. 1934  
AFRICA: Zululand, *A.P. Goossens 609*, 5, 3, 1931, TYPE COLLECTION MATERIAL
- Stachys bergii* Mulligan & Munro, Nat. can. 116: 40. 1989  
U.S.A.: California, Del Norte Co., Patricks Creek, *Parks & Tracy 11405*, 21 July 1937,  
PARATYPE
- Stachys boraginoides* Cham. & Schl. var. *glandulosa* Greenman, Proc. Amer. Acad. 41: 245.  
1905  
MEXICO: Hidalgo, barranca below Trinidad, *C.G. Pringle 8894*, 5 May 1904, ISOTYPE
- Stachys cretica* L., Sp. Pl. 2: 581. 1753  
GREECE: Crete, *J.B. Patten 213a*, 30 June 1900, TOPOTYPE
- Stachys euboica* Rech. f., Engl. Bot. Jahrb. 80: 391-392. 1961  
GREECE: Insula Euboea meridionalis, *K.H. Rechinger 19064*, 22 June 1958, ISOTYPE
- Stachys floridana* Shuttl. ex Benth., DC. Prodr. 12: 478. 1848  
U.S.A.: Florida, prope Tallahassee, *Rugel*, May 1843, TYPE COLLECTION MATERIAL
- Stachys iranica* Rech. f., Osterr. Bot. Zeitschr. 99: 44-45. 1952  
IRAN: Shahrud-Bustam, Shahvar ad Nekarman, *K.H. & F. Rechinger 6262*, 20-26 July 1948,  
ISOTYPE
- Stachys italica* Mill. var. *ramosa* Gavelle, Publication unknown  
FRANCE: Plan d'Aups, La Ste. Baume, *G. Gavelle*, 7 juillet 1963, ? TYPE COLLECTION  
MATERIAL
- Stachys nuttallii* Shutt., DC. Prodr. 12: 469. 1848  
U.S.A.: Tennessee, Cumberland, *Rugel*, June 1842, TYPE COLLECTION MATERIAL
- Stachys palustris* L. var. *hispida* (Pursh) Boivin f. *cleoniquei* Boivin, Nat. can. 94: 648. 1967  
CANADA: Quebec, Lac des Deux-Montagnes, *Frère Cléonique 9021*, 29 août 1935,  
HOLOTYPE
- Stachys palustris* L. var. *homotricha* Fernald f. *stevensonis* Boivin, Phytologia 22: 380. 1972  
CANADA: Manitoba, Clear Lake *G.A. Stevenson 1332*, 21 July 1957, HOLOTYPE
- Stachys rigida* Nutt. ssp. *lanata* Epling, Madrono 4: 271. 1938  
U.S.A.: California, Del Norte Co., Patricks Creek, *Parks & Tracy 11405*, 21 July 1937,  
PARATYPE
- Stachys rothrockii* Gray, Proc. Amer. Acad. 12:82. 1877  
U.S.A.: New Mexico, Zuni, *J. Rothrock 177*, 1874, ISOTYPE

*Stachys stebbensii* Mulligan & Munro, Nat. can. 116: 48. 1989  
U.S.A.: California, Palm Springs along Tahquitz Creek, (cult. at Central Experimental Farm, Ottawa), *Munro & Mulligan 2433*, Feb. 1982, HOLOTYPE

*Stachys swainsonii* Benth. var. *scyronica* Boiss., Publication unknown  
GREECE: Kati Scala près Megare, *St. Lager*, 10 juin 1896, ? TYPE COLLECTION MATERIAL

*Stachys sylvatico-palustris* F.S., Publication unknown  
EUROPE: Brodenbach près de Coblenz, *F. Schultz & F. Winter*, Herb. Norm. Cent. 2, 126, 20 juillet 1857, ? TYPE COLLECTION MATERIAL

*Staehelina baetica* Boiss., DC., Prodr. 6: 544. 1837  
SPAIN: Baetica, montis Sierra Bermeja, *Gros*, 28 May 1926, TOPOTYPE

*Staphylea trifolia* L. f. *pyriformis* Dore, Can. Field-Nat. 76(2): 102. 1962  
CANADA: Ontario, Carleton Co., Ottawa, at foot of Osborne St., *Dore & Frankton 18872A*, 30 Oct. 1960, *W.G. Dore 18772B*, 31 May 1961, *W.G. Dore 18722C*, 15 July 1961, HOLOTYPE

*Statice arborea* Brouss. in Willd., Enum. Hort. Berol. 337. 1809  
CANARY ISLANDS: Nivaria, inter San Juan de la Rambla et Realejo, *E.R. Sventenius 155*, 6 Aug. 1954, TOPOTYPE

*Statice articulata* Lois., Fl. Gall. ed II 225 t. 6. 1828  
FRANCE: Insula Corsica, Ajaccio, *M.F. Spencer* 22 Oct. 1922, TOPOTYPE

*Statice bahusiensis* Fries, Mant. 1: 10. 1832  
SWEDEN: Bahusia, *E. Almqvist*, Aug. 1910 (Dörfler Herb. Norm. 5324), TOPOTYPE

*Statice carpatha* Rech. f., Ann. Naturhist. Mus. Wien 47: 147-148. 1936  
GREECE: Ins. Karpathos, ad Vrondi adversus Pigadia, *K.H. & F. Rechinger 8421*, 17 June 1935, ISOTYPE

*Statice catalaunica* Willk. ex Costa, Linnaea 30: 122. 1859-60  
SPAIN: Catalogne, Llano de Urgel près Miralcamp, *F. Sennen 1221*, 31 Aug. 1911, TOPOTYPE

*Statice cumana* Ten. var. *glabrescens* Lacaita, Flora Italica Ex. 2317  
ITALY: Campania, in Sirenarum insula il Gallo lungo dicta, *C. Lacaita*, 21 July 1914, (Fl. Ital. ex. 2317), ISOTYPE

*Statice fraterna* Sen. & Pau, Bull. Géog. Bot. 23: 47. 1913  
SPAIN: Catalogne, Llano de Urgel au Prado de Monsoa, *F. Sennen 1222*, 1 Sept. 1911, ISOTYPE



- Statice fruticans* Webb in DC. Prodr. 12: 636. 1848  
CANARY ISLANDS: Nivaria, Buenavista, *E.R. Sventenius* 59, 29 Apr. 1948, TOPOTYPE
- Statice imbricata* Webb, Ann. Sc. Nat. Ser. III 2: 330. 1844  
CANARY ISLANDS: Tenerife in vicin. pag. Buenavista, *E. Asplund* 1015, 30 Apr. 1933, TOPOTYPE
- Statice macrophylla* Brouss. ex Spreng., Syst. Veget. Ed. 16 1: 959. 1825  
CANARY ISLANDS: Tenerife, Montes de Knaga, *E. Asplund* 1316, 17 May 1933, TOPOTYPE
- Statice perezii* Stapf., Ann. Bot. 22: 116. 1908  
CANARY ISLANDS: Nivaria, Masca, "Gran Andén", *E.R. Sventenius* 159, 19 Apr. 1945, TOPOTYPE
- Statice sareptana* Becker, Bull. Soc. Nat. Mosc. 31. I: 12. 1858  
U.S.S.R.: prope Sarepta, *A. Becker*, July 1877, (F. Schultz, herb. norm. n.s. Cent. 13. 1211), TOPOTYPE
- Statice spectabilis* Svent., Bol. Inst. Nac. Invest. Agron. Madrid 9(20): 204-206. 1949  
CANARY ISLANDS: Nivaria, Masca, *E.R. Sventenius* 160, 2 May 1949, TOPOTYPE
- Stellaria arenicola* Raup, Jour. Arn. Arb. 17: 248-249. 1936  
CANADA: Saskatchewan, S shore of Lake Athabasca, east of William R., *G.W. Argus* 449-62, 8 July 1962, TOPOTYPE
- Stellaria atrata* (J.W. Moore) Boivin var. *eciliata* Boivin  
CANADA: Quebec, Gatineau County, 27 miles northwest of Mont Laurier, *I.J. Bassett* 1327, 5 July 1950, PARATYPE; Masham Twp., Chilcott Swamp, Lac Johnston, *H.A. Senn et al.* 111, 28 June 1940, PARATYPE; back of Ironsides, *J. Macoun* 29, 11 June 1902, PARATYPE; Eardley Parish, Gatineau Park, beach at Lac Philippe, *Senn & Zinck* 398, 13 June 1941, PARATYPE; Ontario, Carleton County, Manotick, *Groh & Dore s.n.*, 14 July 1943, PARATYPE; Kenora, Ingolf, *W.N. Denike* 418, 8 July 1939, PARATYPE; Lennox & Addington County, Ernestown Twp., Bath, on Highway No. 33, *W.H. Minshall* 418, 13 July 1939, PARATYPE; Thunder Bay, Raith, *H. Groh* 102, 11 July 1939, PARATYPE; Thunder Bay, Lake Superior, *I.K. McMorine s.n.*, July 1898, PARATYPE; Manitoba, Winnipeg, *H. Groh s.n.*, 1 July 1921, PARATYPE
- Stellaria atrata* (J.W. Moore) Boivin var. *eciliata* Boivin, Sv. Bot. Tidsk. 47: 45. 1953  
CANADA: Saskatchewan, Lac Makwa, *B. Boivin* 6817, 6 août 1949, HOLOTYPE
- Stellaria borealis* Bigelow, Fl. Boston, ed. 2: 182. 1824  
U.S.A.: New Hampshire, Mt. Washington, *M.L. Fernald* 548, 10 Sept. 1931, TOPOTYPE

*Stellaria bulbosa* Wulfen in Jacq. Collert 3: 21. 1789  
AUSTRIA: Carniolia, *Deschmann* (Fl. ex.. Aust.-Hung. 551), TOPOTYPE

*Stellaria calycantha* (Ledeb.) Bong. var. *latifolia* Boivin  
CANADA: Alberta, 5 miles southeast of Davis Lake, *G.H. Turner 3076*, 13 July 1942, PARATYPE; Fort Saskatchewan, *G.H. Turner s.n.*, 31 May 1938, PARATYPE; 6 miles northeast of Fort Saskatchewan, *G.H., Turner 1731*, 6 June 1940, PARATYPE; British Columbia, Kamloops Range Experimental Station, Pass Lake, *H. Groh 267*, 22 July 1939, PARATYPE

*Stellaria calycantha* (Led.) Bong. var. *latifolia* Boivin, Can. Field-Nat. 65: 7. 1951  
CANADA: Alberta, Fort Saskatchewan, *G.H. Turner 4590*, 24 July 1948, HOLOTYPE

*Stellaria filicaulis* Makino, Bot. Mag. Tokyo 15: 113. 1901  
JAPAN: Prov. Musashi, Hondo, Iyoda, *T. Makino*, 23 June 1895, TYPE COLLECTION MATERIAL

*Stellaria gonomischa* Boivin  
U.S.A.: California, Eldorado County, south side of Upper Echo Lake, north slope of Ralston Mt., *A.A. Beetle 4064*, 16-26 July 1945, PARATYPE; Sierra Nevada, Tulare County, Rock Creek, *J.T. Howell 25482*, 19 July 1949, PARATYPE; Colorado, Gilpin County, Fontleroy Placer, near Rollinsville, *H.E. Rodeck 13*, 6 July 1949, PARATYPE; Boulder County, University Camp, between Ward and Nederland, *W.A. Weber 5687*, 15 July 1950, PARATYPE

*Stellaria gonomischa* Boivin, Sv. Bot. Tidskr. 50: 113-114. 1951  
U.S.A.: Colorado, Boulder Co., between Nederland and Ward, *W.A. Weber 5658*, 14 July 1950, HOLOTYPE

*Stellaria graminea* L. var. *gynodynamia* Schuh, Publication unknown  
EUROPE: Fandort, Duppau, *R. Schuh*, July 1908, ? TYPE COLLECTION MATERIAL

*Stellaria hultenii* Boivin, Nat. can. 75: 222. 1948  
CANADA: Alberta, Banff Park, flanc nord du Mt. Saskatchewan, *B. Boivin 5107*, 29 juillet 1946, HOLOTYPE

*Stellaria humifusa* Rottb. var. *suberecta* Boivin, Annales de l'ACFAS 20: 97. 1954  
CANADA: Quebec, Ungava, Baie Kopaluk, *J. Rousseau 1074*, 10 août 1947, HOLOTYPE

*Stellaria* ×*hybrida* Dörfler, Herb. Norm. 5240. 1910  
FINLAND: Lapponia Kemensis, *J. Montell*, July 1905, ISOTYPE

*Stellaria longifolia* Mühl. f. *humilis* Montell, Publication unknown  
FINLAND: Lapponia enontekiensis, *I. Montell*, 17 July 1948, ? TYPE COLLECTION MATERIAL

- Stellaria media* (L.) Cyr. var. *bononiensis* O. Kuntze, Rev. Gen. 1: 53. 1891  
EUROPE: Bologna, Herb. O. Kuntze, 4 May 1885, TYPE COLLECTION MATERIAL
- Stellaria media* (L.) Cyr. var. *holosteodes* O. Kuntze, Rev. Gen. 1: 53. 1891  
EUROPE: Salzee bei Eisleben, Herb. O. Kuntze, 1883, TYPE COLLECTION MATERIAL
- Stellaria media* (L.) Cyr. var. *terrestris* O. Kuntze, Rev. Gen. 1: 52. 1891  
EUROPE: Herb. O. Kuntze, 1884, TYPE COLLECTION MATERIAL
- Stellaria nemorum* L. var. *crassifolia* Gunnarsson, Publication unknown  
SWEDEN: Åsele Lpm., J.G. Gunnarsson, 4 July 1913, ? TYPE COLLECTION MATERIAL
- Stellaria porsildii* Chinnappa, Syst. Bot. 17: 29-32. 1992  
U.S.A.: New Mexico, Grant Co., Signal Peak Lookout, Gila National Forest, Pinos Altos Range, Chinnappa et al. 2934, 14 June 1987, ISOTYPE
- Stellaria weberi* Boivin, Sv. Bot. Tidskr. 50: 114. 1956  
U.S.A.: Colorado, Gray's Peak, W.A. Weber 5621, 11 July 1951, HOLOTYPE
- Stemondia macrantha* Robinson, Proc. Amer. Acad. 43: 27. 1907  
MEXICO: Michoacan, Falls of Tzasaracua, C.G. Pringle 10356, 28 Jan. 1907, ISOTYPE
- Stenogyne purpurea* H. Mann, Proc. Am. Acad. 7: 193. 1867  
HAWAIIAN ISLANDS: Kauai, east rim of Kalalau Valley, Degener et al. 27163, 16 Nov. 1960, TOPOTYPE
- Stenophyllus floridanus* Britton, Bull. Torrey Bot. Club 22: 161. 1895  
U.S.A.: Florida, Lake Co., Eustis, G.V. Nash 1189 (1-15 July 1894) and 1423 (16-31 July 1894), TYPE COLLECTION MATERIAL (2 SHEETS)
- Stephanomeria carotifera* Hoover, Leafl. West. Bot. 10: 252-253. 1966  
U.S.A.: California, San Luis Obispo Co., San Bernardo Creek east of Morro Bay, R.F. Hoover 9191, 11 July 1964, ISOTYPE
- Sterigmostemon rhodanthum* Rech. f., Aell. & Esfand, Phytion 3: 66-67. 1951  
IRAN: inter Saidabad et jugum Cah Coghuk, Rechinger et al. 3140, 1948, ISOTYPE
- Stevia salicifolia* Cav. var. *vigulifera* Robinson, Contr. Gray Herb. 90: 18-19. 1930  
MEXICO: Nuevo Leon, Sierra Madre above Monterey, C.G. Pringle 10812, 27 May 1908, PARATYPE
- Stigmaphyllon sagraeanum* Juss., Arch. Mus. Par. 3: 379. 1843  
CUBA: F. Rugel 157, 1849, TOPOTYPE

- Stipa anisotricha* P. Smirn., Bull. Soc. Nat. Mosc. sect. Biol. 75: 115. 1970  
U.S.S.R.: Armenia, ad lacum Sevan, *P. Smirnow* 83, 23 July 1929, ISOTYPE (2 SHEETS)
- Stipa comata* Trin. & Rupr., Mem. Acad. St. Petersb. VI. Sci. Nat. 5: 75. 1842  
CANADA: Saskatchewan, Fort Carleton, *Boivin & Mosquin* 11439, 18 août 1955, TOPOTYPE
- Stipa comata* Trin. & Rupr. var. *falcata* Boivin, Phytologia 43: 106. 1979  
U.S.A.: Nevada, Lyon Co., near Yerington, *Carlson & Holstein* N-29, 8 May 1939, HOLOTYPE
- Stipa cretacea* P. Smirnow, Bull. Soc. Nat. Mosc. sect. biol. 49: 90. 1940  
U.S.S.R.: ad Tanain med., *P. Smirnow*, 8 June 1938 (Herb. Gram. Sel. URSS 47), ISOTYPE
- Stipa decipiens* P. Smirnow, Wis. Ber. Mosk. Staats Univ. 2: 338. 1934  
U.S.S.R.: Altai Merid, *P. Smirnow*, 3 Aug. 1930 (Herb. Gram. Sel. URSS 27); 24 July 1930 (Pl. alt. ex 3a); 27 July 1930 (Pl. alt. ex 3b), TYPE COLLECTION MATERIAL
- Stipa diegoensis* Swallen, J. Wash. Acad. Sci. 30: 212.f.2. 1940  
U.S.A.: California, Proctor Valley, near Jamul, *F.F. Gander* 5778, 23 May 1938, ISOTYPE
- Stipa eriocaulis* Borbas f. *asperula* Degen, Gramina Hungarica 254  
HUNGARY: ad pagum Martinscica, *A. de Degen*, 2 June 1902, ISOTYPE
- Stipa* ×*gegarkunii* P. Smirnow, Bull. Mosk. Obshch. Ispyt. Prirod. n.s. Biol. 75(4): 114. 1970  
U.S.S.R.: Armenia, ad lacum Sevan, prope pagum Schordska, *P. Smirnow*, 28 July 1929, (Herb. Gram. Sel. URSS 48), ISOTYPE
- Stipa lejophylla* P. Smirn., Wiss. Ber. Mesk. Staats. Univ. 2: 335. 1934  
U.S.S.R.: Armenia, prope pagum Karadshoran, *P. Smirnow* 101, 9 Aug. 1929, ISOTYPE (2 SHEETS)
- Stipa macroglossa* P. Smirn., Fedde, Repert. 21: 234-235. 1925  
U.S.S.R.: Tian-Schan, ad lacum Issyk-Kul, *P. Smirnow*, (Herb. Gram. Sel. U.R.S.S. 32), 14 June 1931, TOPOTYPE
- Stipa nelsonii* Scribn. ssp. *dorei* Maze & Barkworth, Taxon 28: 623. 1979  
CANADA: Alberta, Waterton Lakes Park, Dungarvan Creek, *W.G. Dore* 12136, 28 July 1950, HOLOTYPE
- Stipa nelsonii* Scribn. ssp. *nelsonii* var. *longiaristata* Maze & Barkworth, Taxon 28: 623. 1979  
U.S.A.: Washington, 8-9 miles west of Spokane, *J.R. Swallen* 6231, 19 June 1940, HOLOTYPE
- Stipa neomexicana* (Thurb.) Scribn. ×*Oryzopsis hymenoides* (Roem. & Schult.) Ricker, Rhod. 59: 276-277. 1957  
U.S.A.: Colorado, Boulder Co., 6 mi. N of Boulder, *W.A. Weber* 10565, 26 June 1957, ISOTYPE

*Stipa nevadensis* B.L. Johnson, Amer. Jour. Bot. 49: 257. 1962  
U.S.A.: Nevada, Austin, Kingston Canyon, Toiyabi National Forest, A.S. Hitchcock 816, 28 July 1913, PARATYPE

*Stipa occidentalis* Thurber var. *dorei* Bark. & Maze, Taxon 28: 623. 1979  
CANADA: Alberta, Dungarvan Creek, 6 miles north of Waterton Lakes Park entrance gate, *W.G. Dore 12136*, 28 July 1950, HOLOTYPE

*Stipa sareptana* Becker, Bull. Soc. Nat. Moscow 57: 52. 1882  
U.S.S.R.: prope Sareptam ad Wolgam, *P. Smirnow*, 17 July 1928 (Herb. Gram. Sel. U.R.S.S. 38), TOPOTYPE

*Stipa shoshoneana* Curto & D.M. Henderson  
U.S.A.: Idaho, Lemhi County, Salmon River Mountains, about 55 km northwest of Challis, 44°53'03"N 114°41'36"W, *LeAnn Eno 26*, 19 May 1988, PARATYPE; Lemhi County, Salmon River Canyon, 44°53'00"N 113°57'56"W, *LeAnn Eno 13*, 28 June 1987, PARATYPE; Butte County, Challis National Forest, Lemhi Range, 43°53'30"N 112°57'29"W, *LeAnn Eno 9*, 25 June 1987, PARATYPE

*Stipa shoshoneana* Curto & D.M. Henderson, Madrono 45: 57-63. 1998  
U.S.A.: Idaho, Custer Co., BLM, Salmon District, Morgan Creek Canyon, 44 38'39"N 114 12'32"W, *LeAnn Eno 7*, 14 June 1987, PARATYPE

*Stipa shoshoneana* Curto & D.M. Henderson, Madrono 45: 57-63. 1998  
U.S.A.: Idaho, Custer Co., Challis National Forest, Salmon River Range, Loon Creek watershed, 44 47'34"N 114 48'02"W, *LeAnn Eno 25*, 18 May 1988, PARATYPE

*Stipa shoshoneana* Curto & D.M. Henderson, Madrono 45: 57-63. 1998  
U.S.A.: Idaho, Lemhi Co., Salmon National Forest, junction of USFS road 45 and 088 at Iron Creek, *Peterson & Annable 4764*, 3 July 1987, PARATYPE

*Stipa shoshoneana* Curto & D.M. Henderson, Madrono 45: 57-63. 1998  
U.S.A.: Idaho, Butte Co., Challis National Forest, Lemhi Range, Middle Canyon watershed, 43 53'30"N 112 57'29"W, *LeAnn Eno 4*, 10 June 1987, PARATYPE

*Stipa shoshoneana* Curto & D.M. Henderson, Madrono 45: 57-63. 1998  
U.S.A.: Idaho, Butte Co., Challis National Forest, Lemhi Range, Badger above Badger Mine, 44 06'21"N 113 07'48"W, *LeAnn Eno 6*, 13 June 1987, PARATYPE

*Stipa shoshoneana* Curto & D.M. Henderson, Madrono 45: 57-63. 1998  
U.S.A.: Idaho, Custer Co., Challis National Forest, Salmon River Range, 44 36'41"N 114 47'50"W, *LeAnn Eno 18*, 2 July 1987, PARATYPE

*Stipa shoshoneana* Curto & D.M. Henderson, Madrono 45: 57-63. 1998

U.S.A.: Idaho, Valley Co., Payette National Forest, Middle Fork, Salmon River, 49 09'44"N 114 43'26"W, *LeAnn Eno* 27, 20 May 1988, PARATYPE

*Stipa shoshoneana* Curto & D.M. Henderson, *Madrono* 45: 57-63. 1998

U.S.A.: Idaho, Lemhi Co., Private Land, Salmon River Canyon, ca. 30 km SW of Salmon, 44 53'00"N 113 57'56"W, *LeAnn Eno* 8, 21 June 1987, PARATYPE

*Stipa shoshoneana* Curto & D.M. Henderson, *Madrono* 45: 57-63. 1998

U.S.A.: Idaho, Lemhi Co., Salmon National Forest, vicinity of Jack Creek, *J. Civile* 335, 19 July 1982, PARATYPE

*Stipa shoshoneana* Curto & D.M. Henderson, *Madrono* 45: 57-63. 1998

U.S.A.: Idaho, Lemhi Co., ca. 35 mi N of Challis on Highway 95 along Salmon River, *C. Civile* 276, 12 July 1981, PARATYPE

*Stipa turcomanica* P. Smirn., *Fedde, Repert.* 21: 234. 1925

U.S.S.R.: Turcomania, *Proskurjakova et al.*, 24 May 1970, TOPOTYPE

*Stipulicida filiformis* Nash, *Bull. Torr. Bot. Club* 22: 148. 1895

U.S.A.: Florida, Lake Co., Eustis, *G.V. Nash* 14, 12-31 Mar. 1894, TYPE COLLECTION MATERIAL

*Streptanthus farnsworthianus* J.T. Howell, *Leafl. West. Bot.* 10: 182. 1965

U.S.A.: California, Kern Co., 5.5 mi. SE of Glennville, *E.L. Farnsworth* 477, 13 May 1965, ISOTYPE

*Streptanthus insignis* Jeps., *Man. Fl. Pl. Calif.* 420. 1925

U.S.A.: California, 4-5 mi. E of Hernandez, *H.L. Mason* 14734, 11 May 1957, TOPOTYPE

*Streptanthus linearifolius* Gray, *Mem. Amer. Acad. ser. 2.* 4: 7. 1849

U.S.A.: Santa Fe Co., Canoncito, *A.A. & E.G. Heller* 7329, 18 June 1897, TOPOTYPE

*Streptanthus niger* Greene, *Bull. Torrey Bot. Club* 13: 141-142. 1886

U.S.A.: California, Marin Co., Tiburon, *L.S. Rose* 62075, 21 July 1962, TOPOTYPE

*Streptanthus pulchellus* Greene, *Pittonia* 2: 225. 1892

U.S.A.: California, Marin Co., Mt. Tamalpais, *L.S. Rose* 46153, 16 June 1946, TOPOTYPE

*Streptanthus squamiformis* Goodman

U.S.A.: Oklahoma, McCurtain County, Beavers Bend State Park, 7 miles north and about 3 miles east of Broken Bow, *U.T. Waterfall* 10702, 27 April 1952, TOPOTYPE

*Streptanthus squamiformis* Goodman, *Rhod.* 58: 354. 1957

U.S.A.: Oklahoma, McCurtain Co., Beaver Bend State Park, *G.J. Goodman* 5507, 27 Apr. 1952,

ISOTYPE

*Stroganowia tiehmii* Rollins, Syst. Bot. 7(2): 215. 1982

U.S.A.: Nevada, Lyon Co., Virginia Range, A. Tiehm 11964, 2 May 1989, TOPOTYPE

*Struthanthus alni* Bartlett, Proc. Amer. Acad. 44: 630. 1909

MEXICO: Oaxaca, Sierre de San Felipe, *C.G. Pringle 10244*, 22 May 1906, ISOTYPE

*Stylosanthes prostrata* Jones, Contrib. West. Bot. no. 15: 135- 136. 1929

MEXICO: Lower California, San Jose del Cabo, *M.E. Jones 24002*, 18 Jan. 1828, TYPE  
COLLECTION MATERIAL

*Suaeda palaestina* Eig & Zohary, Palest. J. Bot. Ser. 3: 126. 1945

PALESTINE: Lower Jordan Valley, *Eig et al.*, 23 Mar. 1935, TOPOTYPE

*Suaeda richii* Fernald, Rhod. 9: 145. 1907

U.S.A.: Maine, Wells Beach, *Crompton & Dawson 335*, 21 Sept. 1976, TOPOTYPE

*Suaeda rolandii* Bassett & Crompton

CANADA: Nova Scotia, Cumberland County, Amherst marsh, *Mason et al. 184*, 24 Aug. 1949, PARATYPE; Kings County, Hortonville, near Grand Pré, *C.W. Crompton 218*, 23 Aug. 1973, PARATYPE; New Brunswick, Westmorland County, Shediac, *Victorin et al. 44816*, 19 août 1931, PARATYPE; Albert County, Hamilton Creek, 10 miles south of Hillsborough, *C.W. Crompton 222*, 26 Aug. 1973, PARATYPE; Hillsborough, *Bassett & Crompton 5463*, 25 Aug. 1971, PARATYPE

*Suaeda rolandii* Bassett & Crompton, Can. J. Bot. 56: 588. 1978

CANADA: New Brunswick, Albert Co., Hillsborough, *C.W. Crompton 224*, 26 Aug. 1973,  
HOLOTYPE

*Suaeda salinaria* Simonkai, Enumeratio florum Transsilvanicae 466. 1886

HUNGARY: Transsilvania, prope Viragosvolgy, *A. Richter* (Dörfler, Herb. norm. 5515), Sept. 1911, TOPOTYPE

*Subularia aquatica* L. ssp. *americana* Mulligan & Calder

CANADA: Mackenzie, Yellowknife, *Cody & Gutteridge 7316*, 14 July 1953, PARATYPE; Labrador, Charles Point, mouth of Hamilton River, 53°20'N 60°08'W, *Gillett & Findlay 5911*, 26 Aug. 1950, PARATYPE; Newfoundland, Little Codroy River on intervalle at Tompkins, *Roland & Smith 123*, 15 Sept. 1949, PARATYPE; Nova Scotia, Digby County, Tim Lake, Doucetteville, *Fernald & Long 23874*, 10 Aug. 1921, PARATYPE; Halifax County, Banook Lake, Dartmouth, *Dore et al. 45,1099*, 28 Aug. 1945, PARATYPE; Victoria County, Warren Lake, *Smith et al. 5614*, 10 Sept. 1951, PARATYPE; Quebec, comté de Montcalm, Parc du Mont Tremblant, Lac Monroe, *Rolland-Germain 71*, 24 août 1955, PARATYPE; Parc National des Laurentides, bords du lac Grelon, *Raymond et al. 3231*, 6 sept. 1953, PARATYPE; Ontario, Kenora District, Eagle Lake, *J.*

*Fletcher s.n.*, 13 Sept. 1882, PARATYPE; Thunder Bay District, St. Ignace Island, *C.E. Garton 6589*, 30 July 1959, PARATYPE; Flin Flon District, Amisk Lake, *J.H. Hudson 1401*, 23 Aug. 1953, PARATYPE; British Columbia, Queen Charlotte Islands, east end of Moresby Island, *Calder & Taylor 23653*, 23 Aug. 1957, PARATYPE

U.S.A.: Alaska, Kenai Peninsula, Snow River Delta, 60°19'N 149°20'W, *J.A. Calder 6586*, 7 Aug. 1951, PARATYPE; Minnesota, Lake County, Basswood Lake, *O. Lakela 18497*, 19 Sept. 1954, PARATYPE

*Subularia aquatica* L. ssp. *americana* Mulligan & Calder, *Rhod.* 66: 132. 1964  
CANADA: Nova Scotia, Big Mushamush Lake, *Fernald & Long* (Pl. ex. Gray. 457), 17 Aug. 1921, HOLOTYPE

*Succowia balearica* Medic., *Pflanzeng.* i,64. 1792  
SPAIN: Balears, Sollor, F. Bianor. Pl. d'Espagne-F. Sennen No. 1373, 14 May 1912, TOPOTYPE

*Sullivantia oregana* S. Wats, *Proc. Am. Acad.* 14: 292. 1879  
U.S.A.: Oregon, Clackamas Co., Milwaukie, *Howell & Howell*, June 1877, ISOTYPE

*Sullivantia renifolia* Rosendahl, *Univ. Minne. Stud. Biol. Sc.* 6: 410. 1927  
U.S.A.: Minnesota, Winoma Co., Gwinn's Bluff, *J.W. Moore et al. 18457*, 28 May 1946, TOPOTYPE

*Swertia alpestris* Baumg., *Fl. Carr. Cent.* 396. 1891  
ROMANIA: Distr. Maramures, Montes Rodnenses, *A. Coman*, 9-10 Aug. 1939, (Fl. Rom. Ex 2882), TOPOTYPE

*Symphytum polonicum* Blocki ex Bucknull, *Jour. Linn. Soc. London* 41: 552. 1913  
POLAND: Winniki pr. Leopolim, Galicia, *Br. Blocki*, 1901, ISOTYPE

*Symplococos odoratissima*, *Syst. Vers. Ind. Arch.* 136. 1854  
JAVA: collector unknown, TOPOTYPE

*Syngonanthus o'Neillii* Moldenke, *Phytologia* 1: 346. 1939  
BRITISH HONDURAS: Boomtown, *H. Moldenke 8548*, 14 Sept. 1936, ISOTYPE

*Synsepalum le-testui* Aubrev & Pellegr., *Not. Syst. Paris* 16: 263. 1961  
GABON: region de Lastoursville, *M.B. LeTestu*, 1929-1931, ISOTYPE

*Syntheris ranunculina* Pennell, *Proc. Acad. Sc. Phil.* 85: 92. 1933  
U.S.A.: Nevada, Clark Co., Charleston Peak Trail, *I.M. Clokey 7313*, 24 July 1936, TOPOTYPE

*Syntheris stellata* Pennell, *Proc. Acad. Sc. Philad.* 85: 89. 1933  
U.S.A.: Oregon, Multnomar Co., Columbia Gorge, *J.W. Thompson 11367*, 18 Apr. 1935,



TOPOTYPE

*Syringa* ×*swegiflexa* Hesse ex Pringle, *Baileya* 20(3): 98. 1978  
CULTIVATED: Royal Botanical Gardens, Hamilton, Ont. (plant rec'd from Agriculture Canada Research Station, Morden Man.), *J.S. Pringle 1586*, 6 June 1975, PARATYPE

*Syrmatium dendroideus* Greene, *Bull. Calif. Acad.* 2: 146. 1886  
U.S.A.: California, Santa Barbara Co., Santa Cruz Island, *C.B. Wolf 2809*, 21 Mar. 1932,  
TOPOTYPE

*Syzygium capituliferum* Merr. & Perry, *J. Arn. Arb.* 23: 287. 1942  
NEW GUINEA: Tumbuke, Wassi Kussa River, *L.J. Brass 8482*, Dec. 1936, ISOTYPE

*Syzygium oahuense* Degener & Ludwig, *Mitt. Bot. Staatssamml. München Heft.* 4: 113. 1952  
HAWAIIAN ISLANDS: Oahu, Bowman Trail, *O. Degener 20914*, 19 June 1949, TOPOTYPE

*Tamarix canariensis* Willd., *Abh. Akad. Berl.* 1812-13 (1816) 79  
CANARY ISLANDS: Nivaria, *E.R. Sventenius*, 15 Sept. 1951, (*Fl. Sel. Can.* 129), TOPOTYPE

*Tamarix kermanensis* Baum, *Österr. Bot Zeitschr.* 114: 379. 1968  
PERSIA: Kerman, Lut prope Fahraj, *K.H. Rechinger*, 26 Mar. 1965, PARATYPE

*Tanacetum camphoratum* Less., *Linnaea* 6: 521. 1831  
U.S.A.: California, San Francisco, *L.S. Rose 41452* (Pl. ex. Gray 1199), 19 Sept. 1941,  
TOPOTYPE

*Tanacetum compactum* Hall, *Muhlenbergia* 2: 343. 1916  
U.S.A.: Nevada, Clark Co., Charleston Peak, *I.W. Clokey 7769*, 8 Aug. 1935, 6 Aug. 1937,  
TOPOTYPE

*Tanacetum huronense* Nutt. var. *bifarium* Fernald f. *lanatum* Rousseau, *Can. J. Res. Sec. 28 Sec. C:* 244. 1952  
CANADA: Quebec, Anticosti, Rivière McKane, *Rousseau 52303*, 16 juillet 1942, ISOTYPE

*Tanacetum huronense* Nutt. var. *monocephalum* Boivin, *Nat. can.* 75: 215. 1948  
CANADA: Ontario, Albany, *Dutilly & Lepage 15937*, 2 août 1946, TYPE & ISOTYPE

*Taonabo pringlei* Rose, *U.S. Nat. Herb.* 8: 322. 1905  
MEXICO: Morelos, Sierra de Tepoxtian, *C.G. Pringle 8013*, 18 Mar. 1899, ISOTYPE

*Taraxacum faeroëense* Dahlstedt ex H.H. Johnston  
DENMARK: Faero Islands, Torshavn, *J. Lagerkranz*, 26 June 1937, TOPOTYPE

*Taraxacum freichenbachii* Huter, Publication unknown

EUROPE: Tirolia Centralis, Mt. Daxspitz at Brenner, *Huter*, Aug. 1889, ? TYPE COLLECTION MATERIAL

*Taraxacum maurolepium* Hagl., Svensk. Bot. Tidskr. 43: 111. 1949  
U.S.A.: Alaska, Colville River, Umiat, *E. Lepage 23784*, 3 Aug. 1948, ISOTYPE

*Taraxacum pribilofense* Hagl., Svensk. Bot. Tidskr. 40: 355. 1946  
U.S.A.: Alaska, St. Paul Island, *R. Krear*, 1953, TOPOTYPE

*Taraxacum undulatifforme* Dahlst., Archiv. Bot. Stockholm 19, No. 18: 18-19. 1925  
SWEDEN: Medelpad, Skön, Pettersvik, *C.A. Norlander*, 10 June 1912, ISOTYPE

*Tassadia recurva* Rusby, Descriptions of Three Hundred New Species of South American Plants, p. 97. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 1621* (1898-1901), ? ISOTYPE

*Taxus floridana* Nutt. ex Chapman, Fl. South U.S. 436. 1860  
U.S.A.: Florida, Calhoun Co., near Bristol, *Muenscher & Muenscher 14309*, 11 Feb. 1939, TOPOTYPE

*Tectaria tahitensis* Maxon, Univ. Calif. Publ. Bot. 12: 29. 1924  
SOCIETY ISLANDS: Tahiti, *Leland et al. 35*, Oct. 1909, TOPOTYPE

*Terminalia inguovenulosa* Pierre ex Laness., Pl. Util Col. France 315. 1886  
CAMBODIA: Cochinchine, Gaquepaing, *L. Pierre*, 1 July 1866, ? ISOTYPE

*Tetrapteris alloicarpa* Rusby, Descriptions of Three Hundred New Species of South American Plants, p. 39. 1920  
COLOMBIA: Santa Marta, *H.H. Smith 343* (1898-1901), ? ISOTYPE

*Tetrapteris tenuistachys* Rusby  
COLUMBIA: Santa Marta, *H.H. Smith 1527*, 1898-1901, PARATYPE

*Tetrapteris tenuistachys* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 39-40. 1920  
COLOMBIA: Don Amo road, *H.H. Smith 1511*, ? ISOTYPE

*Tetratheca gunnii* Hook. f., Fl. Tasm. 1: 36. 1866  
AUSTRALIA: Tasmania, R.G. Gunn, ? ISOTYPE

*Teucrium algarbiense* P. Cout., Esboco Fl. Lenh. Portug. ed. 2, 262. 1936  
PORTUGAL: Lusitania, Algarve Olhao, entre Olhao e Fuzeta, *Silva et al. 958*, 4 May 1945, TOPOTYPE

*Teucrium aragonense* Loscos & Pardo var. *latifolium* Willk., Publication unknown  
SPAIN: Sierra de Sacane, *Willkomm*, juillet 1891, ? TYPE COLLECTION MATERIAL

*Teucrium chloroleucum* Rech. f., Anz. Österr. Akad. Wiss. Math.- Nat. 93: 98-99. 1956  
GREECE: Euboea septentrionalis, in montibus Xiron Oros prope Hagia Anna, *K.H. Rechinger 16891*, 2 June 1955, ISOTYPE

*Teucrium cyprium* Boiss., Diagn. Ser. I. 5: 43. 1844  
CYPRUS: Mont Troodos, *M. Haradjian 528*, 20-30 July 1913, TOPOTYPE

*Teucrium flavum* L. ssp. *gymnocalyx* Rech. f., Publication unknown  
GREECE: Euboea, Montes Kandili, *K.H. Rechinger 18168*, 20 July 1956, ? TYPE COLLECTION MATERIAL

*Teucrium jailae* Juz., Spisok. Rast. Herb. Fl. URSS, 11: 144. 1949  
U.S.S.R.: Tauria, in pratis montanis declivibus jugi Iograf in viciniis opp. Jaltae, *L. Schiraevisky*, 6 Aug. 1910 (Sched Herb. USSR 3467), ISOTYPE

*Teucrium massiliense* L., Sp. Pl. ed. 2 789-790. 1763  
GREECE: Crete, Distr. Chania, inter Skines et Nea Rumata, *K.H. Rechinger 13379*, 29 May 1942, TOPOTYPE

*Teucrium nashii* Kearney, Bull. Torrey Bot. Club 21: 484. 1894  
U.S.A.: Florida, Lake Co., *G.V. Nash 1496*, 1-15 Aug. 1894, TYPE COLLECTION MATERIAL

*Teucrium polium* L. var. *album* O. Kuntze, Publication unknown  
EUROPE: Terni, *O. Kuntze*, May 1867, ? TYPE COLLECTION MATERIAL

*Teucrium pyrenaicum* L., Sp. Pl. 566 1753  
FRANCE: Hautes-Pyrénées, environs de Gavarnie, *C.J. Pitard*, juillet 1904, TOPOTYPE

*Teucrium pyrenaicum* L. var. *catalaunicum* Sennen, Ex. Pl. d'Espagne, no. 357. 1907  
SPAIN: Gerona, Catalonia, prope "Figueras", *Frère Sennen*, June 1907, ? ISOTYPE

*Teucrium scordium* L. var. *eliasii* Sennen, Publication unknown  
SPAIN: Castille, prairies humide à Ternero, *H. Elias*, 20 Aug. 1911, ? TYPE COLLECTION MATERIAL

*Thalesia purpurea* Heller, Bull. Torrey Bot. Club 24: 313. 1897  
U.S.A.: Idaho, Nez Perces Co., about Lewiston, *A.A. & E.G. Heller 3099*, 22 May 1896, ISOTYPE

*Thalictrum argyi* Lévl. & Vant., Bull. Herb. Boiss. Ser. 2, 6: 504. 9106  
CHINA: Kiang-Sou, Gong-Chan, *d'Argy*, ISOTYPE

- Thalictrum cirrhosum* Lévl., Fedde, Repert. 7: 97. 1909  
CHINA: Yunnan, Mont Tchong Chan, *F. Ducloux 604*, 19 July 1905, ISOTYPE
- Thalictrum clavatum* DC. var. *leveille* Lévl., Fedde Rep. 7: 258. 1909  
CHINA: Kweichow, Ma-Jo, *J. Cavalerie 3003*, Apr.-May 1908, ISOTYPE
- Thalictrum cooleyi* Ahles, Brittonia 11: 68. 1959  
U.S.A.: North Carolina, Onslow Co., N of Hollyridge, *H.E. Ahles 28211A*, 14 June 1957, PARATYPE
- Thalictrum deamii* Boivin, Rhod. 46: 408. 1946  
MEXICO: Edo de San Luis Potosi, *Roe et al. 152*, 10 July 1965, TOPOTYPE
- Thalictrum declinatum* Boivin, Rhod. 46: 364. 1944  
CHINA: Kweichow, *J. Cavalerie 3004*, 23 July 1907, TOPOTYPE
- Thalictrum dioicum* L. var. *coriaceum* Britton, Bull. Torrey Bot. Club 18: 363. 1891  
U.S.A.: North Carolina, Caldwell Co., E of Blowing Rock, *A.A. Heller 1020*, 24 June 1893, TOPOTYPE
- Thalictrum macrostylum* Small & Heller, Mem. Torr. Bot. Club 3: 8. 1892  
U.S.A.: North Carolina, near Hickory, *A.A. Heller 1015*, 23 June 1893, TOPOTYPE
- Thalictrum majus* Jacq. var. *caderallii* Sen. & Pau., Publication unknown  
SPAIN: Catalogne, Pyrénées à Ripoll, *F. Sennen*, Sept. 1910, ? TYPE COLLECTION MATERIAL
- Thalictrum occidentale* Gray var. *macounii* Boivin, Rhod. 46: 455. 1944  
CANADA: British Columbia, Nanaimo, *J. Macoun*, 10 June 1887, PARATYPE
- Thalictrum pringlei* Wats., Proc. Amer. Acad. 25: 141. 1890  
MEXICO: Jalisco, Guadalajara, *C.G. Pringle 9680*, 16 July 1902, TOPOTYPE
- Thalictrum pubescens* Pursh, Fl. Amer. Sept. 2: 388. 1914  
U.S.A.: *Pursh*, Fragments from COTYPES
- Thalictrum punctatum* Lévl., Fedde, Repert. 10: 376. 1912  
KOREA: Quelpaert, *T. Taquet 2969*, July 1909, TYPE COLLECTION MATERIAL
- Thalictrum revolutum* DC. var. *glandulosior* Boivin, Amer. Midl. Nat. 60: 255. 1958  
U.S.A.: Wisconsin, Williams Bay, *J.W. Thompson*, 8 July 1941, FRAGMENT OF HOLOTYPE
- Thalictrum sessilifolium* Boivin, Rhod. 46: 417. 1944

MEXICO: Salzar, Sierra de las Cruces, *J.W. Harshburger 46*, 13 Aug. 1896, ISOTYPE

*Thalictrum sharpii* Boivin, Bull. Soc. Roy. Bot. Belg. 88: 37. 1956

MEXICO: Omiltomi, *A.J. Sharp 441529*, 26 Oct. 1944, HOLOTYPE

*Thalictrum taquetii* Lévl., Fedde, Repert. 7: 100. 1909

KOREA: Quelpuert in speibus Hallaisan, *T. Taquet 508*, 13 Aug. 1908, ISOTYPE

*Thalictrum sparsiflorum* Turcz. var. *viridis* Boivin, Nat. can. 75: 223. 1948

CANADA: Ontario, Albany, *Dutilly & Lepage 16109*, 7 Aug. 1946, HOLOTYPE

*Thalictrum thalictroides* (L.) Eames & Boivin f. *duplex* Eames & Boivin, Bull. Soc. Roy. Bot. Belg. 89: 321. 1956

U.S.A.: Tennessee, Knoxville, *I.K. McMorine*, April 1893, HOLOTYPE

*Thalictrum tripetaliferum* Boivin, Bull. Soc. Roy. Bot. Belg. 95-96. 1962

MEXICO: Jalisco, Lake Chapola, *R. McVaugh 15043*, 26 June 1957, HOLOTYPE

*Thalictrum turneri* Boivin

CANADA: Saskatchewan, Pike Lake, *R.C. Russell s.n.*, 8 June 1934, PARATYPE; Regina, *J. Fletcher s.n.*, 16 July 1904, PARATYPE; Hungry Hollow, *W. Slevkenek s.n.*, 3 June 1939, PARATYPE

*Thalictrum turneri* Boivin, Can. Field-Nat. 62: 167. 1948

CANADA: Alberta, Fort Saskatchewan, *G.H. Turner 4945*, 9 July 1946, PARATYPE and TOPOTYPE

*Thaspium walteri* Shuttelworth, in A. Gray Pl. Wright. 79. 1852

U.S.A.: Carolina, Macon County, *Rugel*, Sept. 1842, ISOTYPE

*Thelypteris pilosa* (Mart. & Gal.), Crawford var. *alabamensis* Crawford, Amer. Fern. Jour. 41: 19-20. 1951

U.S.A.: Alabama, Winston Co., West Fork of Sipsey R., *Crawford & Segars 375*, 26 Nov. 1949, PARATYPE and TOPOTYPE

*Thlaspi aileeniae* Rollins, Contrib. Gray Herb. 214: 16-17. 1984

U.S.A.: Idaho, Custer Co., 16 miles NW of Stanley, *Rollins & Rollins 83287*, 15 July 1983, ISOTYPE

*Thlaspi californicum* Wats., Proc. Am. Acad. 17: 365. 1882

U.S.A.: California, Kneeland Prairie, *J.P. Tracy 19405*, 20 May 1951, TOPOTYPE

*Thlaspi kernerii* Huter, Oesterr. bot. Zeitsch. 24: 32. 1874; Fl. ex. Aust.-Hung. 587

AUSTRIA: prope Andreis, *Huter*, 1873, ISOTYPE

*Thlaspi vogesiacum* Jord. ex F. Schultz, Arch. Fl. Fr. et Allem. 159

FRANCE: Saulxures-sur-Mosiotte, *G. Didier*, 22 avril 1954, (Ex. B. de Retz 2447), ?  
TOPOTYPE

*Thorunia acuminata* Wats., Proc. Amer. Acad. 25: 145. 1890

MEXICO: Jalasco, Guadalajara, *C.G. Pringle 11396*, 28 Sept. 1903, TOPOTYPE (Type tree)

*Thymelaea lythroides* Barrate & Murb., Lunds Univ. Arsskrift n.s., Afd. 2, ii No. 1: 69. 1905

MOROCCO: Region de Rubat, *Ch. Sauvage 8667*, 27 Dec. 1951, TOPOTYPE

*Thymus alpestris* Tausch var. *baumgartenianus* Ronn., Publication unknown

FRANCE: Hautes-Alpes, Saint-Véran, sou la Chapelle de Clausis, *B. de Retz 29594*, 26 juillet 1950, ? TYPE COLLECTION MATERIAL

*Thymus alpestris* Tausch var. *praeflorens* Ronn., Publication unknown

FRANCE: Alpes-Maritimes, aux lacets moyens du Col de Tende, *G. Didier 2199*, 29 June 1956,  
TOPOTYPE

*Thymus alpigenus* Kerner var. *cantalensis* Ronn., Publication unknown

FRANCE: Puy de Dome, sommet du Roc de Cuzeaux, dans les Monts Dore, *C. Leredde 206, 5011*, 27 July 1950, ? TYPE COLLECTION MATERIAL

*Thymus alpigenus* Kerner var. *gracilescens* Ronn., Publication unknown

FRANCE: Isère, entra la cote 2000 et Correncon, *G. Didier 332 & 336*, 12 July 1951, ? TYPE  
COLLECTION MATERIAL

*Thymus collivagus* H. Braun apud Dalle Torre & Sarnth., Fl. Tirol 6(3): 205. 1912

FRANCE: Piémont, Cunéo, entre Valdieri et Entraque, *G. Didier*, (Thymi Praes. Gall. Ex. 194),  
2 July 1956, TOPOTYPE

*Thymus dolomiticus* Coste, Bull. Soc. Bot. Fr. 40: 30-31. 1893

FRANCE: Larzac, *Coste*, 6 mai 1893, ? ISOTYPE

*Thymus drucei* Ronn. var. *didieri* Ronn., Publication unknown

FRANCE: Drôme, entre les Granges et Grignan, *G. Didier 2166*, 24 June 1956, ? TYPE  
COLLECTION MATERIAL

*Thymus drucei* Ronn. var. *neglectus* Ronn., Publication unknown

FRANCE: Tarn, accotements de la route d'Albi à Cordes, *G. Didier 214*, 19 July 1950, ? TYPE  
COLLECTION MATERIAL

*Thymus herba-barona* Loisel., Fl. Gall. ed. 1, 360, T.9, f.1

FRANCE: Insula Corsica, *M.F. Spencer*, 6 Nov. 1914, TOPOTYPE

*Thymus humifusus* Bernh. var. *briquetianus* Ronn., Publication unknown

FRANCE: Htes Alpes, entre St. Marcellin sous Vars et Moreysse, *G. Didier* 683, 1 July 1952, ?  
TYPE COLLECTION MATERIAL

*Thymus humifusus* Bernh. var. *curiensis* Ronn., Publication unknown

FRANCE: Yonne, l'entrée N-W de Sermizelles, *G. Didier* 293, 6 July 1951, ? TYPE  
COLLECTION MATERIAL

*Thymus jankae* Celak, Flora 71: 147. 1883

HUNGARY: Krassó-Szörény, montis "Alte Roll" supra pag. Csiklova, *S. Javorka* (Fl. Hung. ex. 875), 10 June 1916, TOPOTYPE

*Thymus jaquetianus* Ronn., Publication unknown

FRANCE: Pyr. Orient., entre Porté et le Col de Puymorens, *G. Didier* 204-205, 17 July 1950, ?  
TYPE COLLECTION MATERIAL

*Thymus jenisseensis* Iljin, Fedde Repert. 39: 320. 1936

U.S.S.R.: prope pagum Osnaczennaja, *M.M. Iljin*, 2 Aug. 1931, TOPOTYPE

*Thymus macrocalyx* Rech. f., Akad. Wiss. Math-Nat. 93: 99. 1956

GREECE: Euboea, in montibus Xiron-Oros prope Hagia Anna, *K.H. Rechinger* 17107, 2 June 1955, ISOTYPE

*Thymus membranaceus* Boiss., Elench. 75. 1838

SPAIN: Baetica, Sierra de Gador, *C. Pau*, 17 July 1921, TOPOTYPE

*Thymus nitens* Lamott, Publication unknown

FRANCE: Aveyron, St. Jean-du-Amel, *H. Coste*, 28 juin 1892, ? TYPE COLLECTION  
MATERIAL

*Thymus oenipontanus* H. Braun var. *transalpinus* Ronn., Publication unknown

FRANCE: Htes Alpes, Friches, entre Villevieille et Chateau Queyras, *G. Didier* 557, 23 July 1951, ? TYPE COLLECTION MATERIAL

*Thymus polytrichus* Kerner var. *hegetschweileri* Ronn., Publication unknown

FRANCE: Isère, Croix Haute, *G. Didier* 597, 20 June 1952, ? TYPE COLLECTION  
MATERIAL

*Thymus polytrichus* Kerner var. *pachyderma* (Briquet) Ronn., Publication unknown

FRANCE: Alpes-Maritimes, Col de Tende, *G. Didier* 2196, 29 June 1956, TOPOTYPE

*Thymus polytrichus* Kerner var. *ponae* Ronn., Publication unknown

FRANCE: Isère, La Quoinelle, *G. Didier* 594, 20 June 1952, ? TYPE COLLECTION MATERIAL

*Thymus pulegioides* L. var. *occidentalis* Ronn., Publication unknown  
FRANCE: Friches entre St. Céré et Sousceyrac, *G. Didier* 217, 19 July 1950, ? TYPE COLLECTION MATERIAL

*Thymus pulegioides* L. var. *patentipilus* Debray, Publication unknown  
EUROPE: Seine Maritime, Montivilliers, *M. Debray* 8919, 27 July 1957, ? TYPE COLLECTION MATERIAL

*Thymus* ×*radoi* Borbas, Publication unknown  
FRANCE: Piémont, Cunéo, entre Valdieri et Entraque, *G. Didier* 2230, 2 July 1956, TOPOTYPE

*Thymus striatus* Vahl var. *neapolitanus* Lacaita, Bull. Soc. Bot. It. 1911, 119  
ITALY: Prov. di Napoli, Campania, *C. Lacaita*, (Fl. Ital. Ex. Ser. 3, 2952), 26 June 1924, TOPOTYPE

*Thymus teneriffae* Poir., Dict. 7. 650  
CANARY ISLANDS: Tenerife, Barranco Bufadero, *E. Asplund* 1326, 20 May 1933, TOPOTYPE

*Thymus* ×*vindobonensis* H. Braun, Publication unknown  
FRANCE: Alpes-Maritimes, Col de Tende, *G. Didier* 2189, 29 June 1956, TOPOTYPE

*Thymus vulgaris* L. var. *anandrus* C. Pau, Publication unknown  
EUROPE: Valentina, Lagascae, *C. Pau*, May 1889, ? TYPE COLLECTION MATERIAL

*Thymus vulgaris* L. var. *corbariensis* Timb. & Gautier, Bull. Soc. Dauph. VIII, 1881  
EUROPE: Massac dans les Corbières, *Timbal-Lagrange & Gautier*, (Soc. dauphinoise 1881, No. 2992), 16 June 1879, ? ISOTYPE

*Tiarella cordifolia* L. f. *allanthera* Victorin & Rousseau  
CANADA: Quebec, comté de Bellechasse, St. Raphael, *J. Rousseau* 26214, 14 juin 1927, PARATYPE; Longueuil, *F. Rolland-Germain* 29470, 31 mai 1929, PARATYPE

*Tiarella cordifolia* L. f. *allanthera* Vict. & Rousseau, Contrib. Inst. Bot. Univ. Montreal 36: 20. 1940  
CANADA: Quebec, Laval Co., Saint-François-de-Sales, *J. Rousseau* 35,680, 21 May 1927, ISOTYPE

*Tigridia morelosana* Robinson, Proc. Am. Acad. Arts & Sci. 43: 22-23. 1908  
MEXICO: Morelow, Sierra, de Tepoztlan, *C.G. Pringle* 13657, 5 Sept. 1908, ISOTYPE



- Tigridia pringlei* Watson, Garden and Forest 1: 388. 1888  
MEXICO: Chihuahua, Sierra Madre, *C.G. Pringle 1379*, 22 Sept. 1889, TOPOTYPE
- Tilia caroliniana* Mill., Gard. Dict. ed. 8 nr. 4. 1768  
U.S.A.: South Carolina, Calhoun Co., east-northeast of Cameron, *Ahles & Haesloop 25474*, 19 May 1957, TOPOTYPE
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MEXICO: Morelos, Cuernavaca, *C.G. Pringle 10264*, 30 July 1906, TOPOTYPE
- Tilia perneckensis* H. Braun, Sched. Fl. Austro.-Hung. 7: 25. No. 2473. 1896  
AUSTRIA: ad vias ad pagum Perneck prope Ischl, *Stohl*, ISOTYPE
- Tilia pringlei* Rose  
MEXICO: State of Nuevo Leon, Sierra Madre, *C.G. Pringle 15610*, 25 May 1908, PARATYPE
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MEXICO: Nuevo Leon, Monterey, *C.G. Pringle 10188*, 5 June 1906, ISOTYPE
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CUBA: Yumury, *F. Rugel 246*, Apr. 1849, TOPOTYPE
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CANARY ISLANDS: Nivaria, Masca, *E.R. Sventenius 58*, 1 Mar. 1948, TOPOTYPE
- Tofieldia nuda* Maximowicz var. *furunoi* Kiyama, Publication unknown  
JAPAN: Hondo, Ooya in Kawachigun, prov. Shimotsuke, *Miyoshi Puruso*, Aug. 1953, ? TYPE  
COLLECTION MATERIAL
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CANARY ISLANDS: Nivaria, Buenavista, Roque del Fraile, *E.R. Sventenius*, (Fl. Sel. Can. 190), 2 May 1947, TYPE COLLECTION MATERIAL
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COLOMBIA: Santa Marta, *H.H. Smith 1873*, 1898-1901, ISOTYPE
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U.S.A.: Ohio, Coshocton Co., near Coshocton, *H.N. Moldenke 13665*, 15 Aug. 1942, ISOTYPE
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U.S.A.: New Mexico, Santa Fe Co., Canoncito, *Heller & Heller 3726*, 18 June 1897,

TOPOTYPE

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U.S.A.: Wyoming, Platte Co., 3 miles west of Guernesey, *C.L. Porter 4910*, 15 June 1949,  
TOPOTYPE

*Townsendia hookeri* Beaman  
CANADA: Saskatchewan, Maple Creek, *J.A. Campbell 129*, 10 May 1939, PARATYPE

*Townsendia hookeri* Beaman, Contr. Gray Herb. 183: 95-97. 1957  
CANADA: Saskatchewan, Cypress Hills, Boyd's Ranch, *A.J. Breitung 5357*, 3 Aug. 1949,  
PARATYPE

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U.S.A.: Nevada, NW Las Vegas Valley, *J.L. Reveal 1326*, 17 June 1968, ISOTYPE

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ISOTYPE

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CANADA: Ontario, Port Colborne, *Montgomery & Shumovich 648*, 19 June 1953, HOLOTYPE

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Roma, p. 11 et 28  
ITALY: "Lago Maggiore" Prope "Seno d'Angera", *L. Pollini*, Aug. et Sept. 1895 (Dörfler Herb.  
Norm. 4261), TOPOTYPE

*Trapa saganensis* Vassiljev in Novosti Sist. Vyssh., Rast. 10: 202. 1973  
U.S.S.R.: in Russian, 19—1957, TYPE COLLECTION MATERIAL det. V. Vassiljev IV 1960

*Triadenum japonicum* Makino f. *cuneatum* Y. Kimura, Publication unknown  
JAPAN: Nagasaki Pref., Kyushu, Isl. Fukue, *T. Makino*, Sept. 1908, ? TYPE COLLECTION  
MATERIAL

*Trichachne patens* Swallen, Amer. Jour. Bot. 19: 442. 1932  
U.S.A.: Texas, 15 miles S of San Antonio, *J.R. Swallen* (Amer. Gr. Nat. Herb. 1588), 1 June  
1931, PARATYPE

*Trichilia havanensis* Jacq., Enum. Pl. Carib. 20. 1760

CUBA: Santa Clara Province, Cienfuegos, east of Soledad, *Hodge et al.* 4780, 27 Aug. 1940, (Pl. Ex. Gray 1064), TOPOTYPE

*Trichilia oblanceolata* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 36-37. 1920

COLOMBIA: Santa Marta, *H.H. Smith* 447 (1898-1901), ? ISOTYPE

*Trichomanes canariensis* L., Sp. Pl. 2: 1099. 1753

CANARY ISLANDS: Nivaria, Fl. Selecta Canariensis 103, TOPOTYPE

*Trichomanes capillaceum* L. var. *subclavatum* Christ in Pittier, Prim. Fl. Cost. 3: 4. 1901

COSTA RICA: Tuis, *A. Tonduz* 11308, Nov. 1897, ISOTYPE

*Trichostema suffrutescens* Kearney, Bull. Torrey Bot. Club 21: 483. 1894

U.S.A.: Florida, Lake Co., Eustis, *G.V. Nash* 625, 1-15 May 1894, ISOTYPE

*Tricyrtis macrantha* Maxim var. *ishiiana* Kitagawa & Koyama, Publication unknown

JAPAN: Honshu, Pref. Kanagawa, Tanzawa Mts., Mt. Togatake, *Ishii*, 2 Sept. 1957, ? TYPE

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U.S.A.: Idaho, Latah Co., Potlach, *P.B. Kennedy*, 29 June 1925, TOPOTYPE

*Trifolium amoenum* Greene, Fl. Franciscana 27. 1891

U.S.A.: California, Solano Co., near Vanden Station, *Heller & Brown* 5593, 23 May 1902, TOPOTYPE

*Trifolium andersonii* Gray ssp. *beatleyae* J.M. Gillett, Can. J. Bot. 50(10): 1997. 1972

U.S.A.: Nevada, Nye Co., south side of Shoshone Mt., Cronquist & Beatley 8897, 23 Apr. 1961, HOLOTYPE

*Trifolium arcuatum* Piper var. *cusickii* Piper, Bull. Torrey Bot. Club 29: 642. 1902

U.S.A.: Oregon, Camp Creek, Maurey's Mountains, *W.C. Cusick* 2628, 2 July 1901, ISOLECTOTYPE

*Trifolium barbigerum* Torrey, Pac. R.R. Rep. 4: 79. 1857

U.S.A.: California, San Francisco, near Mountain Lake, Presidio, *P. Rubtzoff* 2450, 18 May 1956, TOPOTYPE

*Trifolium biasolettii* Steud. & Hochst., Flora 10: 72. 1827

AUSTRIA: ad Pomer prope Polam, *Pichler* (Fl. ex. Austro-Hung. 419), TOPOTYPE

*Trifolium bifidum* Gray var. *decipiens* Greene, Fl. Franc. 24. 1891

U.S.A.: California, San Francisco Bay, *H.A. Walker* 560, 19 Apr. 1907, TOPOTYPE

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U.S.A.: California, Yosemite Valley, C.W. Sharsmith 2194a, 7 July 1930, TOPOTYPE
- Trifolium brandegei* S. Wats., Proc. Am. Acad. 11: 130. 1876  
U.S.A.: Colorado, La Plata Co., La Plata Mts., Eagle Pass, *Gillett & Mosquin 12340*, 1 Aug. 1963, TOPOTYPE
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U.S.A.: Oregon, Crook Co., Camp Polk, *W.C. Cusick 2811a*, 14 June 1902, PARATYPE
- Trifolium eriocephalum* Nutt. in T. & G. ssp. *martinii* J.M. Gillett, Can. J. Bot. 49: 401. 1971  
U.S.A.: Idaho, Valley Co., 5 miles W of McCall, *Gillett & Slater 15567*, 28 June 1970, PARATYPE
- Trifolium harneyensis* Howell, Pacific Coast Pl. Cl. of 1887(2) 1887? Fl. NW Amer. 1(2): 134. 1898  
U.S.A.: Oregon, Harney Valley, *T. Howell*, 10 June 1885, ISOTYPE
- Trifolium howellii* Watson, Proc. Am. Acad. Sci. 23: 262. 1888  
U.S.A.: Oregon, Josephine Co., Siskiyou Mts., J.W. Thompson 12416, 31 July 1935, TOPOTYPE
- Trifolium humile* Ball, Journ. Bot. 11: 305. 1873  
MOROCCO: Moyen Atlas Central, *Mathez et al. 4353*, 7 juillet 1963, TOPOTYPE
- Trifolium hybridum* L. f. *allioideum* Dore, Can. Field-Nat. 73: 153. 1959  
CANADA: Saskatchewan, Sylvania, *A.J. Breitung 1113*, 21 June 1941, HOLOTYPE
- Trifolium hybridum* L. forma *proliferum* Dore  
CANADA: Quebec, Murray Bay, *F. Lapointe s.n.*, 15 Sept. 1902, PARATYPE
- Trifolium hybridum* L. f. *proliferum* Dore, Can. Field-Nat. 73: 150. 1959  
CANADA: Quebec, Lac aux Sables, *A. Doré*, 28 July 1905, HOLOTYPE
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ISRAEL: Lower Galilee, west of Beit-Qeshet settlement, *J. Katznelson Ts-709*, 9 Mar. 1957, PARATYPE
- Trifolium longipes* Nutt. in T. & G. var. *latifolium* Hook., London J. Bot. 6: 209. 1847  
U.S.A.: Idaho, Coeur d'Alene Mountains, *P.B. Kennedy*, 21 June 1925, TOPOTYPE
- Trifolium macilentum* Greene, Pittonia 3: 223-224. 1897  
U.S.A.: Southern Utah, *E. Palmer 90*, 1877, ISOTYPE

*Trifolium masiense* J.B. Gillett

TANGANYIKA: Northern Prov., Masai Dist., W of Ngorongoro, *P.R.O. Bally 11538*, 26 July 1957, TOPOTYPE

*Trifolium mercedense* Kennedy, *Muhlenbergia* 9: 17. 1913

U.S.A.: California, Lake Merced, *P.H. Raven 6890*, 5 May 1954, TOPOTYPE

*Trifolium monoense* Greene, *Erythea* 2: 181. 1894

U.S.A.: California, Mono Co., White Mts., *W.H. Shockley 460*, July 1886, ISOTYPE

*Trifolium multipedunculatum* Kennedy, *Muhlenbergia* 5: 59. 1909

U.S.A.: Oregon, Wallowa Mts., summit of China Cap, *W.C. Cusick 3190*, 30 July 1907, ISOTYPE

*Trifolium neurophyllum* Greene, *Leafl. Bot. Observ. Crit.* 1: 154. 1905

U.S.A.: New Mexico, Socorro Co., Mogollon Mountains, *O.B. Metcalfe 532*, 17 Aug. 1903, ISOTYPE

*Trifolium olivaceum* Greene, *Pittonia* 1: 4. 1887

U.S.A.: California, Solano Co., near Vacaville, *Heller & Brown 5394*, 28 Apr. 1902, TOPOTYPE

*Trifolium owyheense* Gilkey, *Madrono* 13: 169. 1956

U.S.A.: Oregon, Malheur Co., Sucker Creek, *B.F. Murphy*, May 1954, ISOTYPE

*Trifolium palmeri* Wats., *Proc. Am. Acad. Sc.* 11: 132. 1876

CULTIVATED: Central Experimental Farm, Ottawa (orig. Baja, California, Guadalupe Is.), *J.M. Gillett*, 7 May 1964, TOPOTYPE

*Trifolium petri* J. Bouchard, Publication unknown

FRANCE: Cote d'Or, Bourberain, *J. Bouchard*, juillet 1951, ? TYPE COLLECTION MATERIAL

*Trifolium plumosum* Douglas var. *amplifolium* Martin, *Bull. Torrey Bot. Club* 73: 369. 1946

U.S.A.: Idaho, Washington Co., Salmon Meadows, *M.E. Jones 6254*, 22 July 1899, ISOTYPE

*Trifolium polyodon* Greene, *Pittonia* 3: 215. 1897

U.S.A.: California, Monterey Co., Pacific Grove, *C.P. Smith*, 21 May 1907, TOPOTYPE

*Trifolium pratense* L. var. *americanum* Harz f. *galactiflora* Boivin

CULTIVATED: Chemistry Plots, Central Expr. Farm, Ottawa, Ont., Canada, *G. Anderson*, 19 June 1933, HOLOTYPE

*Trifolium purseglovei* J.B. Gillett, *Kew Bull.* 1952: 383

BELGIAN CONGO: Virunga Mts., *D.B. Burt* 2980, 12 Dec. 1930, PARATYPE

*Trifolium repens* L. f. *allioideum* Dore, Can. Field-Nat. 73(3): 153. 1959

CULTIVATED: Central Experimental Farm, Ottawa, Ont., Canada, *W.G. Dore* 17200, 28 July 1958, HOLOTYPE

*Trifolium rydbergii* Greene, Pittonia 3: 222-223. 1897

U.S.A.: Wyoming, Wind River Range, *C.L. Porter* 7197, 8 Aug. 1956, TOPOTYPE

*Trifolium stenolobum* Rydb., Bull. Torr. Bot. Club 28: 499. 1901

U.S.A.: Colorado, La Plata Co., La Plata Mts., Eagle Pass, *Gillett & Mosquin* 12329, 1 Aug. 1963, TOPOTYPE

*Trifolium thompsonii* Morton, J. Wash. Acad. Sci. 23: 270. 1933

U.S.A.: Washington, Chelan Co., Swakane Creek, *J.W. Thompson* 8467, 23 June 1932, ISOTYPE

*Trifolium trichocalyx* Heller, Muhlenbergia 1: 55. 1904

U.S.A.: California, Monterey Co., Pacific Grove, *C.P. Smith* 1315, 21 May 1907, TOPOTYPE

*Trifolium villiferum* House, Bot. Gaz. 41: 335. 1906

U.S.A.: Utah, Beaver Co., Beaver City, *E. Palmer* 91, 1877, ISOTYPE

*Trifolium virginicum* Small, Mem. Torr. Club 4: 112. 1894

U.S.A.: West Virginia, Greenbrier Co., Kates Mountain, *A.A. Heller* 843, 17 May 1893, TOPOTYPE

*Trifolium wigginsii* Gillett, Madrono 23: 335. 1976

MEXICO: Baja California, Sierra San Pedro Martir, *Wiggins & Demaree* 4986, 22 Sept. 1930, TOPOTYPE

*Triglochin gaspense* Leith & D. Löve, Can. J. Bot. 39: 1271. 1961

CANADA: Prince Edward Island, Kings Co., Souris, *D. Erskine* 1467, 4 Aug. 1952, PARATYPE

*Trillium cernuum* L. var. *marginatum*, Cayouette & Cayouette, Le Naturaliste Canadien 111: 326. 1984

CANADA: Quebec comté de Gaspé-Ouest, Mont-Saint-Pierre, 49 13'N 65 49'W, *Cayouette & B. Ouattara* 73-145, 13 juin 1973, ISOTYPE

*Trillium cernuum* L. f. *marginatum* Cayouette & Cayouette. Nat. can. 111: 326. 1984

CANADA: Quebec, Co. Gaspé ouest Mont-Saint-Pierre, *J. Cayouette & B. Quattara* 73-145, 13 juin 1973, ISOTYPE

*Trillium cernuum* L. var. *terrae-novae* Boivin

CANADA: Newfoundland, west side of E. Harmon Air Force Base, near Stephenville, *I.J. Bassett* 269, 4 June 1949, PARATYPE

*Trillium cernuum* L. var. *terrae-novae* Boivin, *Rhod.* 55: 101-102. 1953

CANADA: Newfoundland, near Stephenville, *I.J. Bassett* 293, 9 June 1949, HOLOTYPE

*Trillium cernuum* L. f. *viride* Cayouette & Cayouette, *Nat. can.* 111: 326. 1984

CANADA: Quebec, Co. Saguenay, Ilets-Jérémie, *J. Cayouette* 73-418, ISOTYPE

*Trillium cernuum* L. f. *viride*, Cayouette & Cayouette, *Le Naturaliste Canadien* 111: 326. 1984

CANADA: Quebec, comté de Saguenay, Ilets-Jérémie, 48 53'N 68 48'W, *J. Cayouette* 73-418, 12 juillet 1973, ISOTYPE

*Trillium erectum* L. f. *sessiloides* Boivin, *Rhod.* 55: 102. 1953

CANADA: Ontario, Carleton Co., Beechwood Cemetery [Ottawa], Collector unknown, May 1899, HOLOTYPE

*Tripsacum floridanum* Porter, *Contr. U.S. Nat. Herb.* 3: 6. 1892

U.S.A.: Florida, Homestead, *J.R. Swallen* (*Amer. Gr. Nat. Herb.* 1598), 15 Feb. 1935, TOPOTYPE

*Trisetum flavescens* P.B. var. *barcinonensis* Sennen, *Bull. Géogr. Bot. Le Mans* 23: 50. 1913

SPAIN: Catalogne, Massif du Tibidabo à Sta. Creu de Olorde, *F. Sennen* 1238, June 1911, ISOTYPE

*Trisetum spicatum* (L.) Richt. ssp. *wrangelse* Petrovsky, *Bot. Zhurnal* 63: 1263. 1978(1979)

U.S.S.R.: Wrangel Island, *Petrovsky & Andronova* (*Fl. ex. CCCP* 6004), 18 Aug. 1979, TOPOTYPE

*Trisetum subalpestris* Hartm., *Handbok i Scandinaviens flora* ed 3 p. 21. 1838

FINLAND: "Maunu", 68°35'N, *J. Montell* (*Dörfler, Herb. Norm.* 4976), July 1906, TOPOTYPE

*Triticum arenicolum* Kerner, in *Menyharth, Kalocsa videk. noven.*, p. 197. 1877

HUNGARY: prope Budapestinum, inter "Paskalmalom" et "Puszta- Szent-Mihaly" *Degen* (*Fl. ex. Austro-Hungarica* 3938), TOPOTYPE

*Triticum repens* L. var. *dasystachyum* Hook., *Fl. Bor.-Am.* 2: 254. 1840

CANADA: Saskatchewan, Fort Carleton, *J.M. Gillett* 10,400, 10,399, 10424, 12 July 1960, TOPOTYPES

*Triumfetta brevipes* Watson, *Proc. Amer. Acad.* 22: 400. 1887

MEXICO: Jalisco, Barranca of Rio Blanco near Guadalajara, *C.G. Pringle* 11388, 15 Oct. 1903, TOPOTYPE

*Triumfetta mexiae* Morton & Lay

MEXICO: State of Queretaro, Iguala Canyon, *C.G. Pringle 10069½*, 30 Sept. 1906 (Fls.) 28 Dec. 1906 (Frs.), PARATYPE

*Triumfetta mexiae* Morton & Lay, Ann. Missouri Bot. Gard. 37: 348. 1950

MEXICO: Guerrero, near Iguala, *C.G. Pringle 9228*, 24 Oct. 1900, PARATYPE

*Triumfetta palmeri* Watson, Proc. Amer. Acad. 22: 400. 1887

MEXICO: Jalisco, Barranca of Rio Blanco near Guadalajara, *C.G. Pringle 11389*, 14 Oct. 1903, TOPOTYPE

*Tropaeolum septangulum* Killip, J. Wash. Acad. Sci. 19: 193. 1929

COLUMBIA: Dept. Norte de Santander, region del Sarare, Hoya del Rio Chitaga, sobre La Cabuya, *Cuatrecasas et al. 12137*, 13 Oct. 1941, TOPOTYPE

*Tunica caryophyllus* Scop., Fl. Carn. ed. II p. 301. 1772

HUNGARY: Tirolia australis, in confinibus Venetiae inter Tridentum et Veronam, *A. Kerner* (Fl. ex. Aust.-Hung. 543), TOPOTYPE

*Typha laxmanni* Lepechin var. *getica* Morariu, Contr. bot. Cluj 1969: 448. 1969

ROMANIA: Linga Bucuresti, pe malul riului Colentina, *I. Morariu* (Fl. Rom. ex. 3190), 3 Sept. 1967, ISOTYPE

*Typha minima* Funck, Hoppe Bot. Taschenb. 118. 181. 1794

AUSTRO-HUNGARICA: Salisburgia, *Eysn*, TOPOTYPE

*Ulex erinaceus* Welw. ex Webb, Otia Hispanica 44. 1839

SPAIN: Baetica, Cabo de Gata, *Gros*, 9 March 1921, TOPOTYPE

*Ulex provincialis* Lois. in Desvaux, Journ. Bot. 2: 361. 1809

FRANCE: Var, Fort Ste-Marguerite à Toulon, *J. Bouchard* (Soc. Fr. ex. pl. vasc. 2964), 21 février 1953, TOPOTYPE

*Ulmus densa* Litw. var. *bubyriana* Litw., Herb. fl. Ross. 2444.

U.S.S.R.: Turkestan, in urbe Samarkand, 5 Mar. 1913, ISOTYPE

*Urera sandwicensis* Wedd., Ann. Sc. Nat. Ser. 4, 1: 178. 1854

HAWAIIAN ISLANDS: Kilauea, Bird Park, *St. John et al. 11258*, 22 Dec. 1931, TOPOTYPE

*Urvillea biternata* Weatherby, Proc. Amer. Acad. 45: 425-426. 1910

MEXICO: Guerrero, Iguala Canyon, *C.G. Pringle 10380*, 24 July 1907, ISOTYPE

*Utricularia floridana* Nash, Bull. Torrey Bot. Club 23: 105-106. 1896

U.S.A.: Florida, Lake Co., Eustis, *G.V. Nash 1970*, 16-30 June 1895, ISOTYPE



*Vaccinium angustifolium* Ait. var. *integrifolium* Lepage, Nat. can. 58: 350. 1951  
CANADA: Quebec, entre Fort George et la Baie aux Oies, Baie James, 53°54'N 79°07'W, E.  
Lepage 12635, 7 août 1950, ISOTYPE

*Vaccinium boreale* Hall & Aalders, Amer. J. Bot. 48: 200. 1961  
CANADA: Newfoundland, Avondale, I.V. Hall s.n., 22 Sept. 1955, HOLOTYPE

*Vaccinium dominans* Sleumer, Engl. Bot. Jahrb. 71: 268. 1941  
DUTCH NEW GUINEA: Mt. Wilkelmina, L.J. Brass 9422, 1938, ISOTYPE

*Vaccinium koreanum* Nakai in Mori, Enum. Pl. Cor. 280. 1922  
KOREA: Mt. Chiisan, J. Ohwi 7174, June 1935, TOPOTYPE

*Vaccinium maderense* Link, Enum. Hort. Berol. 1: 375. 1821  
PORTUGAL: Madeira, Pico Arrieiro et Poizo, J. Bornmüller 915, 14 Apr. 1900, TOPOTYPE

*Vaccinium oxycoccus* L. f. *obovatum* Lepage, Nat. Can. 81: 259. 1954  
CANADA: Ontario, Attawapiskat, Lepage & Duman 31752, 29 août 1953, ISOTYPE

*Vaccinium reticulatum* Smith in Rees, Cyclopaedia 36: n. 30. 1819  
HAWAIIAN ISLANDS: Mauna Kea, near Puce Oo, Degener et al. 20350, 23 Aug. 1949,  
TOPOTYPE

*Vaccinium yakushimense* Makino, Bot. Mag. Tokyo 14: 22. 1910  
JAPAN: Island of Yakushima, Kagoshima Pref., T. Makino 102782, Sept. 1909, ? ISOTYPE

*Vaccinium yatabei* Makino, Bot. Mag. Tokyo 15: 141-142. 1901  
JAPAN: Nikko, Nikko City, Tochigi Pref., T. Makino 102784, July 1922, TOPOTYPE

*Valeriana columbiana* Piper, Bot. Gaz. 22: 489-490. 1896  
U.S.A.: Washington, Kittitas Co., Wenatchee Mts. near Liberty, J.W. Thompson 11576, 8 June  
1935, TOPOTYPE

*Vallesia macrocarpa* Hillebr., Fl. Haw. Is. 297. 1888  
HAWAIIAN ISLANDS: Oahu, Mokuleia, O. Degener 20625, 30 Apr. 1950, TOPOTYPE

*Vandellia anagallis* Yamazaki var. *verbenaefolia* Yamazaki, Publication unknown  
JAPAN: Hiroshima Pref., Mt. Mitaki, T. Makino 33076, 26 Oct. 1940, ? TYPE COLLECTION  
MATERIAL

*Ventilago leptadina* Tul., Ann. Sc. Nat. Ser. IV 8: 124. 1857  
MADAGASCAR: Ambilobe, M. Decary, TOPOTYPE

*Verbena aurantiaca* Speg. f. *rosea* Moldenke, Phytologia 5: 342. 1956

ARGENTINA: Chabut, Comodoro Rivadavia, Z.M. Pueblo de Colonia Sarmiento, *R. Leal 14704*, 17 Dec. 1952, TOPOTYPE

*Verbesina cinerascens* Rob. & Greenman, Proc. Am. Acad. 34: 555. 1899  
MEXICO: Jalisco, barranca of Guadalajara, *C.G. Pringle 11601*, 16 Oct. 1903, TOPOTYPE

*Verbesina columbiana* Robinson, Proc. Amer. Acad. Arts 47: 211, 1911  
COLOMBIA: Santa Marta, *H.H. Smith 671*, 1898-1901, ? ISOTYPE

*Verbesina gracilipes* Robinson, Proc. Boston Soc. Nat. Hist. 31: 269. 1904  
MEXICO: Puebla, near Tehuacan, *C.G. Pringle 8582*, 1 Aug. 1901, ISOTYPE

*Verbesina molinaria* Rob. & Greenman, Proc. Am. Acad. 34: 553. 1899  
MEXICO: Morelos, above Cuernavaca, *C.G. Pringle 9990*, 20 Nov. 1902, TOPOTYPE

*Verbesina sphaerocephala* Gray, Proc. Am. Acad. 22: 428. 1887  
MEXICO: Jalisco, near Guadalajara, *C.G. Pringle 11605*, 27 Sept. 1903, TOPOTYPE

*Veronica anagallis-aquatica* L. var. *terra* Farwell, Papers Mich. Acad. Sci. 26: 19. 1941  
U.S.A.: Michigan, Wayne Co., Northville, *O.A. Farwell 9105*, 22 June 1932, LECTOTYPE (DUPL.)

*Veronica anagalloides* Gussone var. *glabricaulis* Lonatschewskij, Dörfler Herb. Norm. 5501  
U.S.S.R.: prope "Tschertorj", *A. Lonatschewskij*, July 1911, ISOTYPE

*Veronica angalloides* Gussone var. *hirsuticaulis* Lonatschewskij, Dörfler Herb. Norm. 5500  
U.S.S.R.: prope "Tschertorj", *A. Lonatschewskij*, July 1911, ISOTYPE

*Veronica bordzilowskii* Juz., Spisok Rast. Herb. Fl. U.R.S.S. 11: 149. 1949  
U.S.S.R.: Tauria, Supra opp. Jalta, *K. Golde*, 15 June 1905 (fl. fr.) 3 July 1906 (fr.), ISOTYPE

*Veronica californica* Moldenke, Known Geographic Distribution of Members of Verbenaceae and Avicenniaceae 79. 1942  
U.S.A.: California, Tuolumne Co., one and one-half miles southwest of Chinese Camp, TOPOTYPE

*Veronica crinita* Kitaibel in Schultes, Oesterr. Flora Ed. II 1: 26. 1814  
AUSTRIA: Transsilvania occidentalis, ad Déva in valle fluvii Maros, *Simkovics s.n.*, (Fl. ex. Aust.-Hung. 921), TOPOTYPE

*Veronica didyma* Tenore var. *lilacina* Yamazaki, Publication unknown  
JAPAN: Kanagawa Pref., Manazuru-cho, Ashigarashimo-gun, *T. Makino*, 1940, ? TYPE  
COLLECTION MATERIAL

*Veronica morrisonicola* Hayata, Journ. Coll. Sci. Tokyo 25, Art. 19: 174. 1908  
TAIWAIN: Mt. Morrison, *T.S. Liu*, 23 Aug. 1949, TOPOTYPE

*Veronica peregrina* L. var. *laurentiana* Vict. & Rouss., Contr. Inst. Bot. Univ. Montreal 36: 46.  
1940  
CANADA: Quebec, Grosse Ile, *Victorin et al.* 40,099, 30 juillet 1935, PARATYPE

*Veronica scutellata* L. f. *alba* Boivin, Nat. can. 79: 175. 1952  
CANADA: Manitoba, Sasaginnigak, *A.J. Breitung* 7641, 8 July 1949, HOLOTYPE

*Veronica serpyllifolia* L. var. *decipiens* Boivin  
CANADA: Alberta, Waterton National Park, Wall Lake Road, *J.J. Sexsmith* 30, 15 July 1937,  
PARATYPE; Cameron Lake Road, *J.J. Sexsmith* 67, 15 July 1937, PARATYPE; British Columbia,  
Comox, *H. Groh s.n.*, 3 Oct 1930, PARATYPE; The Gorge, *J. Fletcher s.n.*, 20 April 1885,  
PARATYPE  
U.S.A.: Idaho, Nez Perces County, about Lake Waha, *A.A. & E.G. Heller* 3165, 3-4 June 1896,  
PARATYPE; Washington, Mt. Baker, *G.F. Ledingham* 49-548, 9 Aug. 1949, PARATYPE

*Veronica serpyllifolia* L. var. *decipiens* Boivin, Nat. can. 79: 176. 1952  
CANADA: Saskatchewan, Cypress Hills, *A.J. Breitung* 4357, 5 July 1947, HOLOTYPE

*Viburnum caudatum* Greenm., Proc. Amer. Acad. 41: 250  
MEXICO: Hidalgo, Barranca below Trinidad Iron Works, *C.G. Pringle* 10037, 21 Aug. 1905, ?  
TYPE - PUBLICATION NOT AVAILABLE

*Viburnum cuneifolium* Bartlett, Proc. Amer. Acad. 44: 635. 1909  
MEXICO: Sierra Madre, near Monterey, *C.G. Pringle* 10234, 27 Mar. 1906, ? TYPE -  
PUBLICATION NOT AVAILABLE

*Viburnum rigidum* Vent., Jard. Malm. 98. 1803  
CANARY ISLANDS: Nivaria, Valle Orotava, *E.R. Sventenius* 81, TOPOTYPE

*Viburnum rugosum* Pers., Synopsis Plantarum 1: 326. 1805  
CANARY ISLANDS: Tenerife, Valle de Orotava, *E. Asplund* 177, 9 Mar. 1933, TOPOTYPE

*Vicia amoena* Led. var. *angusta* Freyn, Publication unknown  
EUROPE: Dahuria, Nertschinsk, *F. Karo*, (Plantae Dahuricae 168c), 1889, ? TYPE  
COLLECTION MATERIAL

*Vicia amoena* Led. var. *elliptica* Freyn, Publication unknown  
EUROPE: Dahuria, Nertschinsk, *F. Karo*, (Plantae Dahuricae 168a), 1889, ? TYPE  
COLLECTION MATERIAL

*Vicia amoena* Fisch. var. *macrophylla* D. Litwinow, Sched. Herb. Fl. URSS 2872

U.S.S.R.: Prov. Krasnojarsk, Minusinsk, *N. Martjanov*, 5 Aug. 1903, ISOTYPE

*Vicia amoena* Led. var. *oblonga* Freyn, Publication unknown  
EUROPE: Dahuria, Nertschinsk, *F. Karo*, (Plantae Dahuricae 168b), 1889, ? TYPE  
COLLECTION MATERIAL

*Vicia hybrida* L. var. *albiflora* Gavelle, Publication unknown  
FRANCE: Mt. Boron, *Gavelle*, 21 avril 1968, ? TYPE COLLECTION MATERIAL

*Vicia lutea* L. var. *laevigata* Boissier sous-var. *violascens* Gavelle, Publication unknown  
FRANCE: St. Vallier, *Gavelle*, 22 mai 1966, ? TYPE COLLECTION MATERIAL

*Vicia washingtonensis* Suksdorf, West. Am. Sci. 15: 59. 1906  
U.S.A.: Washington, W. Klickitat Co., near Bingen, *W.N. Suksdorf 2643*, 21 May 1900,  
ISOTYPE

*Viguiera morelensis* Greenman, Proc. Am. Acad. 40: 40-41. 1904  
MEXICO: Morelos, Barranca near Cuernaraca, *C.G. Pringle 10825*, 30 Oct. 1908, TOPOTYPE

*Viguieria mucronata* Blake, Proc. Amer. Acad. 54: 103. 1918  
COLOMBIA: Santa Marta, *H.H. Smith 517*, 1898-1901, ? TYPE - PUBLICATION NOT  
AVAILABLE

*Viola adunca* J.E. Smith f. *albiflora* Vict. & Rousseau, Contrib. Inst. Bot. Univ. Montreal 36: 20.  
1940  
CANADA: Quebec, Ile-aux-Basques, *R. Cayouette 8033*, 14 juin 1966, TOPOTYPE

*Viola andersonii* Greene, Pittonia 4: 287. 1901  
CANADA: British Columbia, Thetis Lake, *J.R. Anderson*, 28 Apr. 1900, ISOTYPE (2 sheets)

*Viola beckwithii* T. & G. ssp. *glabrata* Baker, Madrono 12: 18. 1953  
U.S.A.: California, Lassen Co., west of Tredouyer Pass, *M.S. Baker 12423*, 23 May 1952,  
PARATYPE

*Viola biflora* L. ssp. *carlottae* Calder & Taylor  
CANADA: British Columbia, Queen Charlotte Islands, Graham Island, mountain at head of  
McClinton Bay at head of Masset Inlet, *Calder et al. 21575*, 18 June 1957, PARATYPE; between  
Ells Point and Mercer Point, west Skidegate Channel, *Calder et al. 22924*, 25 July 1957,  
PARATYPE; Rennell Sound, east side of Shields Bay, *Calder et al. 23293*, 8 Aug. 1957,  
PARATYPE; about 3 miles SW of Jalun Lake and 11½ miles west of head of Naden Harbour,  
*Calder & Taylor 35645*, 1 July 1964, PARATYPE; Moresby Island, Newcombe Peak at head of  
Cumshewa Inlet, *Calder et al. 22005*, 30 June 1957, PARATYPE; north end of Long Arm, *Calder  
& Taylor 35977*, 15 July 1964, PARATYPE; Echo Harbour off Darwin Sound, *Calder et al. 22379*,  
9 July 1957, PARATYPE; about 2 miles south of Moresby Logging Camp, 52 55'N 132 03'W,

*Calder et al. 23060A, 23121*, 29 July-2 Aug. 1957, PARATYPES; west of Mosquito Lake, head of Cushman Inlet area, *Calder et al. 23761*, 24 Aug. 1957, PARATYPE; small lake immediately west of head of Bigsby Inlet, *Calder et al. 34893*, PARATYPE; head of Anna Inlet, west of Lockport, *Calder et al. 34924*, 11 June 1964, PARATYPE; head of Pallant Creek below Mount Moresby west of Cushman Inlet, *Calder & Taylor 35320*, 21 June 1964, PARATYPE; about 3 miles west of head of Cushman Inlet below north face of the Mt. Moresby, *Calder & Taylor 36402*, 31 July 1964, PARATYPE; upper Victoria Lake, *Calder & Taylor 35711*, 5 July 1964, PARATYPE; south end of Kootenay Inlet, *Calder & Taylor 36165*, 21 July 1964, PARATYPE; mountain above west end of Mosquito Lake, *Calder & Taylor 36449*, 1 Aug. 1964, PARATYPE; north side of Sunday Inlet, *Calder & Taylor 36608*, 5 Aug. 1964, PARATYPE

*Viola biflora* L. ssp. *carlottae* Calder & Taylor, Can. J. Bot. 43: 1395. 1965  
CANADA: British Columbia, Queen Charlotte Islands, Moresby Island, *Calder & Taylor 36306*, 25-30 July 1964, HOLOTYPE

*Viola californica* Baker, Madrono 12: 13. 1953  
U.S.A.: California, Trinity Co., South Fork Mountain, *M.S. Baker 11492*, 14 June 1946, ISOTYPE

*Viola cardaminaefolia* Greene, Pittonia 4: 289-290. 1901  
CANADA: Quebec, Aylmer, *J. Fletcher*, 6 June 1901, TOPOTYPE

*Viola charlestonensis* Baker & Clausen, Madrono 8: 58. 1945  
U.S.A.: Nevada, Clark Co., Charleston Mts., south of Deer Creek, *I.W. Clokey 7501*, 23 May 1937, ISOTYPE

*Viola cheiranthifolia* Humb. & Bonpl., Pl. Aequinoct 1: 111, t 32. 1808  
CANARY ISLANDS: Tenerife, Pico del Teyde, *E. Asplund*, 21 Apr. 1933, TOPOTYPE

*Viola conspersa* var. *masonii* Farwell, Rep. Mich. Acad. Sci. 19: 248. 1918  
U.S.A.: Michigan, Macomb Co., Utica, *O.A. Farwell 4163*, 6 June 1916, ISOLECTOTYPE

*Viola corsica* Nym., Sylloge Florae Europaea 228. 1855  
FRANCE: Corsica, Bastia, *M.F. Spencer*, 5 May 1913, TOPOTYPE

*Viola crenulata* Greene, Pittonia 4: 295. 1901  
U.S.A.: New York, Onondaga Co., Jamesville, *H.D. House*, 1 June 1901, ISOTYPE

*Viola dicksonii* Greene, Pittonia 4: 65. 1901  
CANADA: Ontario, Wentworth Co., Hamilton, *J. Fletcher*, 12 May 1903, TOPOTYPE

*Viola euboica* (Hal.) Hal., Publication unknown  
GREECE: Euboea, Montes Ocha, *K.H. Rechinger 16260*, 22-23 June 1955, TOPOTYPE

*Viola eugeniae* Parlatore, Plantarum Italicarum species duae novae, in Nuovo Giornale Botanico 7: 68. 1875

ITALY: Aprutii, *G. Rigo*, (Herb. Norm. ed. Dörfler 4312), July & Aug. 1899, TOPOTYPE

*Viola fletcheri* Greene, Pittonia 4: 296. 1899-1901

CANADA: Ontario, Beachwood, Ottawa, J. Fletcher s.n., 3 June 1902, HOLOTYPE

*Viola fletcheri* Greene, Pittonia 4: 296. 1901

CANADA: Ontario, Ottawa, *J. Fletcher*, 7/6/1904, TOPOTYPE (grown from seed from type locality)

*Viola glabella* Nutt. var. *remotifolia* Suksdorf, Werdenda 1: 26. 1927

U.S.A.: Washington, Scamania Co., Cape Horn, *W. Suksdorf 10396*, 29 Apr., 27 May 1920, ISOTYPE

*Viola gracilescens* Jord. var. *unicolor* Bardère, Publication unknown

EUROPE: Sougue (?), *Bardère*, June 1869, ? TYPE COLLECTION MATERIAL

*Viola haynaldi* Wiesb. in Baenitz, Herb. Eur. n. 3133 & 3443

AUSTRIA: in colle Eichkogel prope oppidum Mödling, *P.J. Wiesbaur*, 13 Apr., 29 May 1881 (F. Schultz Herb. Norm., nov. ser. Cent. 20, 1931), ? TYPE COLLECTION MATERIAL

*Viola hondoensis* Becker & Boiss., Bull. Herb. Boiss. Ser. II, 8: 739. 1908

JAPAN: Hondo, Kanazawa in Kaga, *N. Satomi*, (TNS. No. 1292), 12 Apr. 1956, TOPOTYPE

*Viola insignis* K. Richter, Verh. zool.-bot. Ges. Wein 38: 220. 1886

AUSTRIA: Gloggnitz, *K. Richter*, 27 Apr. & 17 Aug. 1889, TOPOTYPE

*Viola jooi* Janka, Oesterr. botan. Wochenblatt 7: 198. 1857

HUNGARY: Transsilvania prope Kolozsvár, *Gulyas & Papai*, June 1906 (Dörfler Herb. Norm. 5231), TOPOTYPE

*Viola maderensis* Lowe, Trans. Camb. Phil. Soc. 4: 36. 1831

CANARY ISLANDS: Nivaria, Aguamansa, *E.R. Sventenius 36*, 19 Dec. 1945, TOPOTYPE

*Viola mauiensis* Mann. var. *kohalana* Rock, College of Hawaii Pub. Bull. 1: 5. 1911

HAWAIIAN ISLANDS: Kokala Mts., *J.F. Rock 8385*, 21 June 1910, ISOTYPE

*Viola minor* Makino, Bot. Mag. Tokyo 26: 151. 1912

JAPAN: Kochi Pref., Sakawa-cho, Takaoka-gun, *T. Makino*, 1885, ? TYPE - PUBLICATION NOT AVAILABLE

*Viola mulfordae* Pollard, Proc. Biol. Soc. Wash. 15: 203. 1902

U.S.A.: New York, transplanted from Hempstead Plains, *E. Brainerd*, 23 Aug. 1910,

TOPOTYPE

*Viola nephrophylla* Greene f. *bicolor* Boivin, Nat. can. 87: 49. 1960

CANADA: Quebec, Papineau Co., Templeton Parish, Conc. XI, Lot 17, *J.A. Calder M-11*, 25 May 1946, HOLOTYPE

*Viola oreocallis* Greene, Pittonia 4: 288. 1901

CANADA: British Columbia, Mill Hill, *J.R. Anderson*, 29 Apr. 1900, HOLOTYPE

*Viola parnassifolia* Greene, Pittonia 5: 32. 1902

U.S.A.: California, Plumas Co., Darlingtonia Bog, *Howell et al.* 1912, 12 June 1967, TOPOTYPE

*Viola pedatifida* × *sororia* Brainerd, Bull. Torrey Bot. Cl. 40: 253. 1913

U.S.A.: Illinois, Galva, *V.H. Chase 1954*, (transplanted to Middlebury, Vt.), 16 May 1909, *E. Brainerd 122*, 14 Sept. 1910, ISOTYPE

*Viola pedunculata* T. & G. ssp. *tenuifolia* Baker & Clausen, Madrono 10: 127. 1949

U.S.A.: California, San Benito Co., 4 miles east of Pinacles Lodge on Hwy. to Tres Pinos, *M.S. Baker 9267*, 4 Apr. 1939, ISOTYPE

*Viola polychroma* Kerner, Schedae ad floram exsiccata Austro.- Hung. 2:89. 1882

AUSTRIA: Salisburgia al Juvaviam, *Eysn*, ISOTYPE

*Viola praemorsa* Dougl. in Baker, Brittonia 9: 223-224. 1957

U.S.A.: Washington, South Tacoma, *M.S. Baker 9634*, Apr. 1940, LECTOTYPE

*Viola praemorsa* Dougl. ssp. *arida* Baker & Clausen, Brittonia 9: 227. 1957

U.S.A.: Oregon, Klamath Falls, *M.S. Baker 11462* (fl), *12086* (fr), 1949, ISOTYPE

*Viola praemorsa* Dougl. ssp. *oregona* Baker & Clausen, Brittonia 9: 228. 1957

U.S.A.: Oregon, Hy 66 - 20.5 miles from Klamath Falls toward Medford, *M.S. Baker 8662*, 30 May 1937, ISOTYPE

*Viola purpurea* Kellogg in Baker, Madrono 10: 112. 1949

U.S.A.: California, Tehama Co., 2 miles below Payne Creek, *M.S. Baker 8655*, 15 May 1937, LECTOTYPE

*Viola russellii* Boivin

CANADA: Saskatchewan, Saskatoon, *R.C. Russell s.n.*, 17 May 1935, PARATYPE; Alberta, Pincher Creek, 23 June 1902, PARATYPE; British Columbia, Keremeos, *J. Bostock s.n.*, May 1924, PARATYPE; Bridesville, *H. Groh s.n.*, 2 June 1931, PARATYPE

U.S.A.: Montana, eight miles north of Kalispel, *J. Grove s.n.*, 23 May 1930, PARATYPE

*Viola russellii* Boivin, Can. Field-Nat. 65: 22. 1951

CANADA: Saskatchewan, Duval, Last Mountain, *Russell & Sallans*, 13 May 1942,  
HOLOTYPE

*Viola senamiana* Nakai, Journ. Jap. Bot. 15: 405. 1939

JAPAN: Hondo, Senami in Yechigo, *M. & S. Togasi*, 3 May 1952, (NSM No. 462), TOPOTYPE

*Viola skofitziana* Wiesb., Oestr. Bot. Zeitschr. 36: 190. 1886

AUSTRIA: Laxenburg bei Wien, *J. Wiesbaur*, 29 May 1882, TYPE COLLECTION  
MATERIAL

*Viola spectabilis* K. Richter, Oestr. Bot. Zeitschr. 35: 419. 1885

AUSTRIA: ad Gloggnitz, *K. Richter*, 30 May & 27 Nov. 1887, TOPOTYPE

*Viola subviscosa* Greene, Pittonia 4: 293. 1901

CANADA: Quebec, Aylmer, *J. Fletcher*, 6 June 1901, ISOTYPE ?

*Viola tenerrima* Wiesb. in Baenitz. Herb. Eur. n. 3137

AUSTRIA: Kalksburg bei Wien, *J. Wiesbaur*, 1 May, 17 July 1879, (F. Schulz, Herb. Norm,  
nov. ser. Cent. 5, 441), ? TYPE COLLECTION MATERIAL

*Viola tenuipes* Pollard, Proc. Biol. Soc. Wash. 15: 201. 1902

U.S.A.: Alabama, Auburn, *F.S. Earle*, 6 Apr. 1901, PARATYPE

*Viola tomentosa* Baker & Clausen, Leafl. West. Bot. 5: 142. 1949

U.S.A.: California, Nevada Co., road to Excelsior Point, *Baker & Smith 8722a*, 9 July 1937,  
ISOTYPE

*Viola tricolor* L. var. *ammotropha* Wettr., Publication unknown

SWEDEN: Scania, *L.M. Neuman*, May 1901, TOPOTYPE

*Viola trinervata* Howell, Bot. Gaz. 11: 290. 1886

U.S.A.: Washington, Klickitat Co., north of Goldendale, *J.W. Thompson 11326*, 13 Apr. 1935,  
TOPOTYPE

*Viola vagula* Greene, Pittonia 4: 67. 1899-1901

CANADA: Ontario, vicinity of Ottawa, *J.M. Macoun s.n.*, 18 May 1899, ?ISOTYPE

*Viola vallicola* A. Nels., Bull. Torrey Bot. Cl. 26: 128. 1899

U.S.A.: Wyoming, Albany Co., near Rock River, *Porter & Porter 7747*, 8 June 1959,  
TOPOTYPE

*Viola verecunda* A. Gray f. *radicans* Makino, Publication unknown

JAPAN: Akita Pref., Nibuna, Yamamoto-gun, *T. Makino*, 1927, ? TYPE COLLECTION



## MATERIAL

*Viola wettsteinii* C. Richter, Verh. d. zool. bot. Ges. in Wein 37: 197. 1887

AUSTRIA: Gloggnitz, C. Richter, 30 Apr., 24 jun. 1887, (F. Schultz, herb. norm., nov. ser. Cent. 24: 2312), ? ISOTYPE

*Viola xylorrhiza* Suksdorf, Werdenda 1: 25. 1927

U.S.A.: Washington, Klickitat Co., east of Husum, W. Suksdorf 10200, 10 May, 30 June 1919, 1 June 1920, ISOTYPE

*Viola loretensis* A.C. Smith, Bull. Torr. Bot. Club 58: 95-96. 1931

PERU: Dept. of Loreto, Rio Mamon, T.B. Croat 20025, 5 Sept. 1972, TOPOTYPE

*Viscia larissae*, Novosti Syst. Vyssh. Rast. 11: 225. 1974

U.S.S.R.: Caucasus orientalis, Azerbajdzhanian, ad fontes fl. Karatschaj, V. Prima, (Fl. ex. U.S.S.R. 6123), 19 June 1971, TOPOTYPE

*Viscum bancroftii* Blakely, Proc. Linn. Soc. N.S. Wales 53: 46. 1928

AUSTRALIA: Queensland, Eidsvold, T.L. Bancroft, Nov. 1918, ISOTYPE

*Visnea mocanera* L.f., Supp. 251. 1781

CANARY ISLANDS: Nivaria, Los Silos, E.R. Sventenius 38, 25 Sept. 1945, TOPOTYPE

*Vitex berteriana* Pittier, Contr. U.S. Natl. Herb. 20: 485. 1922

COLOMBIA: Santa Marta, H.H. Smith 2107, 1898-1901, ? ISOTYPE

*Vitis girdiana* Munson, Proc. Soc. Prom. Agr. Sci. 1887: 59. 1887

U.S.A.: California, Los Angeles, Munson & Hopkins, 1889, TOPOTYPE

*Vochysia aurantiaca* Stafleu, Recueil Trav. Bot. Néerl. 41: 487. 1948

COLOMBIA: Santa Marta, H.H. Smith 1877, 1898-1901, ? ISOTYPE

*Waldsteinia idahoensis* Piper, Bull. Torrey Bot. Club 30: 180. 1903

U.S.A.: Idaho, Idaho Co., along Lochia River, C.L. Hitchcock 24481, 1 July 1966, TOPOTYPE

*Waltheria subcordata* Standley, Contr. U.S. Nat. Herb. 18(3): 117-118. 1916

COLOMBIA: Santa Marta, H.H. Smith 493, 1898-1901, ? ISOTYPE

*Warea sesilifolia* Nash, Bull. Torr. Bot. Club 23: 101. 1896

U.S.A.: Florida, Nash Co., Bellair, G.V. Nash 2544, 3 Sept. 1895, ISOTYPE

*Wedelia heterophylla* Rusby, Descriptions of Three Hundred New Species of South American Plants, pp. 152-153. 1920

COLOMBIA: Santa Marta, H.H. Smith 515 (1898-1901), ? ISOTYPE

*Wedelia prostrata* Hemsl. var. *robusta* Makino, Publication unknown  
JAPAN: Satsuma Pref., *T. Makino*, 1932, ? TYPE COLLECTION MATERIAL

*Wedelia symmetrica* Rusby, Descriptions of Three Hundred New Species of South American  
Plants, p. 153. 1920  
COLOMBIA: Santa Marta, *H.H. Smith* 1975 (1898-1901), ? ISOTYPE

*Weinmannia nervosa* Killip, J. Wash. Acad. Sci. 16: 569. 1926  
COLOMBIA: Santa Marta, *H.H. Smith* 1743, 1898-1901, ? ISOTYPE

*Westringia angustifolia* R.Br., Prod. Fl. Nov. Holl. 501. 1810  
AUSTRALIA: Dieman's Island, *R. Brown*, TYPE COLLECTION MATERIAL

*Westringia cinerea* R.Br., Prodr. 151. 1830  
AUSTRALIA: South Coast, *R. Brown*, ? ISOTYPE

*Westringia dampieri* R.Br., Prod. Fl. Nov. Holl. 501. 1810  
AUSTRALIA: R. Geoge's Sound, *R. Brown*, TYPE COLLECTION MATERIAL

*Westringia glabra* R.Br., Prod. Fl. Nov. Holl. 501. 1810  
AUSTRALIA: East Coast, *R. Brown*, TYPE COLLECTION MATERIAL

*Westringia longifolia* R.Br., Prod. Fl. Nov. Holl. 501. 1810  
AUSTRALIA: Port Jackson, *R. Brown*, TYPE COLLECTION MATERIAL

*Westringia rigida* R.Br., Prod. Fl. Nov. Holl. 501. 1810  
AUSTRALIA: South Coast, *R. Brown*, TYPE COLLECTION MATERIAL

*Westringia rubiaefolia* R.Br., Prod. Fl. Nov. Holl. 501. 1810  
AUSTRALIA: Van Diemen's Island, *R. Brown*, TYPE COLLECTION MATERIAL

*Wissadula fadyenii* R.E. Fries, Kongl. Svenska Vetensk. Acad. Handl. 43: 30. 1908  
COLOMBIA: Santa Marta, *H.H. Smith* 496, 1898-1901, ? ISOTYPE

*Withania aristata* Pauquy, De la Belladone 15. 1824 [1825]  
CANARY ISLANDS: Tenerife, Santa Ursula, *E. Asplund* 599, 30 Mar. 1933, TOPOTYPE

*Woodsia oregana* D.C. Eaton var. *squammosa* Boivin, Nat. Can. 87: 49. 1960  
CANADA: Saskatchewan, Denare Beach, *J.H. Hudson* 1561, 19 Aug. 1954, HOLOTYPE

*Woodsia scopulina* D.C. Eaton ssp. *laurentiana* Windham  
CANADA: Ontario, Thunder Bay District, Crooks Twp., 1 km east of Cloud River bridge, *C.E. Garton* 18531, 12 Aug. 1978, PARATYPE

*Woodsia scopulina* D.C. Eaton var. *laurentiana* Windham, Contr. Univ. Mich. Herb. 19: 59. 1993

CANADA: Ontario, Algonquin Park, N end of Hilliard Lake, D.M. Britton, 13 Aug. 1965, PARATYPE

*Woodsia x tryonis* Boivin, *W. glabella* R.Br. x *ilvensis* (L.) R.Br., Amer. Fern J. 38: 167. 1948; Nat. Can. 93: 273. 1966

CANADA: Ontario, Thunder Bay District, Sibley Peninsula, N side of Thunder Mountain, Cody & Brown 21363, 11 July 1974 (DAO), TOPOTYPE

*Woodwardia martinezii* Maxon, Amer. Fern. J. 39: 88. 1949

MEXICO: Hidalgo, near Zacualtipan, *M. Martinez 27*, 15 Apr. 1940, ISOTYPE

*Xanthium basilei* Sennen, Bot. Soc. Arag. 11: 209. 1912

SPAIN: Catalogne, Barcelone à Can Tunis, *F. Sennen 1493*, 21 Sept. 1912, ? TYPE - PUBLICATION NOT AVAILABLE

*Xanthium chasei* Fernald, Rhod. 48: 66.1946

U.S.A.: Illinois, East Peoria, *V.H. Chase 10881*, 17 Sept. 1949, TOPOTYPE

*Xyris flabelliformis* Chapm., Fl. S. U.S.A.: 499-500. 1860

U.S.A.: Florida, St. Augustine, *F. Rugel 65*, May 1848, TOPOTYPE, TYPE COLLECTION MATERIAL?

*Xyris smalliana* Nash, Bull. Torrey Bot. Club 22: 159-160. 1895

U.S.A.: Florida, Lake Co., Eustis, Lake Ella, *G.V. Nash 1585*, 16-25 Aug. 1894, TOPOTYPE

*Youngia diversifolia* Led. var. *lanciloba* Freyn, Publication unknown

EUROPE: Dahuria, Nertschinsk, *F. Karo*, (Pl. Dahur. 262a), 1889, ? TYPE COLLECTION MATERIAL

*Yucca baccata* Torr. var. *vespertina* McKelvey

U.S.A.: Nevada, Kyle Canyon, *I.W. Clokey 7054*, 10 May 1936, PARATYPE

*Yucca baccata* Torr. var. *vespertina* McKelvey, Yuccas of S.W. United States 45-46. 1938

U.S.A.: Nevada, Clark Co., Charleston Mts., *I.W. Clokey 7074*, 10 May 1936, PARATYPE

*Zelkova serrata* Makino f. *stipulacea* Hiyama, Publication unknown

JAPAN: Aomori Pref., Tsuta, Towada-machi, Kamikita-gun, *T. Makino*, 1928, ? TYPE COLLECTION MATERIAL

*Zephyranthes insularum* Hume ex Moldenke, Herbertia 6: 123-125. 1939; Plant Life 8: 152. 1952

U.S.A.: Florida, Gainesville (cult.), *H.N. Hume*, 13 May 1935, TYPE COLLECTION

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*Zieria murphyi* Blakely, Austral. Nat. 10: 246. 1940

AUSTRALIA: New South Wales, Gold Gully, Penrose, *Murphy & Blakely 2580*, 15 Oct. 1938, ISOTYPE

*Zinnia jugistyla* P.G. Wilson, Kew Bull. 1958: 163. 1958

MEXICO: Coyuca, *G.B. Hinton 8033*, 7-10-1935, PARATYPE

*Zizania aquatica* L. var. *brevis* N.C. Fassett, Rhod. 26: 157. 1924

CANADA: Québec, Co. de Lévis, Lévis, *S. Darbyshire 2031*, 13 Aug. 1983, TOPOTYPE

*Zizania palustris* L. var. *palustris* f. *purpurea* Dore, Russell County, in Castor River, ca. 2 miles east of Embrum, *Dore & Moore 10586*, 21 Sept. 1949, PARATYPE

*Zizania palustris* L. var. *palustris* f. *purpurea* Dore, Nat. can. 103: 565. 1976 (1977)

CANADA: Ontario, Russell Co., 2 mi. E of Embrum, *Dore & Moore 10587*, 21 Sept. 1949, HOLOTYPE

*Zizania texana* Hitchc., Jour. Wash. Acad. Sci. 23: 454. 1933

U.S.A.: Texas, San Marcos River, *W.A. Silveus 2731*, 31 May 1938, TOPOTYPE

*Ziziphora dzhavakhishvili* Juz., Sched. Herb. Fl. U.R.S.S. 14 Fasc. 82: 67. 1957

U.S.S.R.: Georgia in vicin. opp. Bakuriana, *G. Kiknadze*, (sched 4090), 2 Oct. 1954, ISOTYPE

*Ziziphora taurica* Marschall & Bieberstein, Flora Taurico-Caucas 1: 414. 1808

U.S.S.R.: Tauria, montis "Pertschem" prope "Sudak", *A. Callier*, June 1896 (Dörfler Herb. Norm. 3446), TOPOTYPE

*Zygadenus fontanus* Eastwood, Leafl. West. Bot. 2: 41. 1937

U.S.A.: California, Marin Co., Mt. Tamalpais, *L.S. Rose 56102*, 25 June 1956, TOPOTYPE