

Catalogue of Type Specimens in the Vascular Plant Herbarium (DAO)

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Aaronsohnia factorovskyi Warb. & Eig., Inst. of Agr. & Nat. Hist. Tel-Aviv, 40 p. 1927
 PALESTINE: Judaeen 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. Rechinger 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. *loveorum* 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. Krowiens, 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 1578S1*, 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

×*Amelasorbus 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, Torreyia 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. *decipiens* 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., Mattawankey 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* Shinnars, Wrightia 1: 103. 1946

U.S.A.: Texas, Freestone Co., 12 mi. S of Fairfield, L.H. Shinnars 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 russanovii* 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 Bernae, 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 urben 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. Diablo 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* Wiesl. & 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. β *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 berlangensis 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 (Dörfler 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 rothrochii 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. Anssr. 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 Jasques, 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. *khorasamicus* 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 hemigyris 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 Wooton & 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. Petersburg. (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
 COLUMBIA: 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, Etzatlán, 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-HOLOTYPE

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 dutillyi 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 x 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
- Blechum 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, *Leafl. 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 Brandegee, 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.: Dominium 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

Camellia japonica Makino f. *trifida* Makino, Publication unknown
 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 18301*, 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 exsiccatae. 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-Leponica, 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: Kankyō-Holudo, Seisaira, *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 hatuimana 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 lepoixina 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 shimmersii* 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 sorianoii* 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 1 1/2 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 Pennell
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 diomedeae* 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* Tzoel., Not. Syst. ex Herb. Inst. Bot. Nom. V.L. Komarovii Acad. Sc. U.R.S.S. 19: 425. 1959
U.S.S.R.: Azerbajdzhanian, 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 webbia 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

Centochloa 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. Tidskr. 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, Bartonia 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, Bartonia 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 Shinnery, Wrightia 1: 218. 1948
U.S.A.: Wisconsin, Adams Co., Brooks, *L.H. Shinnery 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 1883, ? 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 Shinnery, Field & Lab. 17: 27-29. 1949

U.S.A.: Texas, Fannin Co., 5[1/2] miles E of Bonham, *L.S. Shinnery* 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, PARATYPE; 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 Humbolt 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 argyranthus 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 fruticosus 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; Coulée
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. Cechoslovaca 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 Kossyich, Bull. Princ. Bot. Gard. Acad. Sci. URSS No. 57: 78. 1965
U.S.S.R.: Tauria, distr. Bjelogorsk, in vicinitate pag. Rodniki, *V. Kossyich* (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 (Amboronibe), *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. Reehinger* 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. Reehinger* 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, Torreyia 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* Shuttlesworth 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 eurekensis 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 madrense 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 umbracolorum 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 umbracolorum 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 Vigeau, *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. *intercotidalis* 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 jaliscoanum 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. *ruscinonensis* 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), *Simkovic* (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* Simkovic, Ak. Kösl. 15: 531. 1878
HUNGARY: Sobosin, *Simkovic* (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 pontederæ A. Kerner, Sched. ad. Fl. exsicc. Austro- Hung. II p. 67 no. 539. 1882

HUNGARY CENTRALIS: ad Budapest. *Borbis*, 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 Lincz., Fl. uzbekistan 2: 526. 1953

U.S.S.R.: Uzbekistania, Samarkundicorum prope pag. 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 laeviglumis 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. *lacteum* 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. *degereri* 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., Paspebiac, *Marie-Victorin et al.* 33774, 17 août 1930, TOPOTYPE

Draba mexicana Rose, Contr. U.S. Nat. Herb. 8: 29. 1903

MEXICO: Federeal 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, Cuemavoca, *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 Tippipah 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 Öcsémteje 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 ×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

Erthroxyllum 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

Erysimum 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

Erythroxylosum 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

Erythroxylosum 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

Erythroxylosum havanense Jacq., Enum. Pl. Carib. 21. 1760

CUBA: Sardinero, *Bro. Clemente*, 1 Oct. 1949, TOPOTYPE

Erythroxylosum 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- Gèneviève), *J.P. Bernard 559*, 16 août 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. Österr. 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., Yettum, *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 Greml, 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-fugi, 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 Melvilliana 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 sandwicensis 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. Androssov* (Herb. Fl. Ross. 2617), 16 Apr. 1903 & 20
May 1911, ISOTYPE

Ferulago serpentinica 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 Prof., 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
MATERIAL

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 unnevit 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. Rechinger 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 Rechb. 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. Rechingner 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: Carinthia, 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, Mogollen 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 Ornosalong 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* (Hitchc.) St. John (*G. pallida* var. *fernaldii* Hitchc.)
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

Goniphelebium 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* Servela
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 bescensio 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. Rechingher 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 fluvi 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, Phylotogia 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, *Parmalee & 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., *Composées 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 cacticola* 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 serpentinum* 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, Puaulu, *J.F. Rock 8773*, April 1911, COTYPE

Hibiscadelphus hualalensis Rock, Hawaii Board Agric. 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: Longobardia - 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-Weiskirchen, *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 firmirimum 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. *pseudohemiplectum* 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. *reclinatifforme* 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. *leucocaula* 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, Torrey 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 cepeaeifolia 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, Leafl. 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
- Iphiona 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 Tepoxtlan, *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 acadensis* 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: Dahuria, 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. Engelmann*, 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'île 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 ×patunsi 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* Engelm., 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

Kengyilia zhaosirensis J.L. Yang, C. Yen & B. Baum, Can. J. Bot. 71(2): 341. 1993
CHINA: Zhoasu, J.L. Yang et al. 87068, 30 April 1982, ISOTYPE

Knautia lucana Lac. & Szabo, Nuov. Giorn. Bot. Ital. n.s. 29: 179 e tav. III. 1923
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

Krynitzkia fulvocanescens A. Gray, Proc. Am. Acad. 20: 280. 1885
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

Labordia tinifolia Gray var. *lanaiensis* Sherff, Am. Journ. Bot. 25: 583. 1938
HAWAIIAN ISLANDS: Lanai, Mts. E end, *B. Pauahi 281.2*, June 1913, TOPOTYPE

Labordia tinifolia A. Gray var. *tenuifolia* Degener & Sherff, Am. Journ. Bot. 25: 583. 1938
HAWAIIAN ISLANDS: Molokai, Kahuaawi Gulch, *O. Degener 10272*, 12 May 1928, ISOTYPE

Laciniaria chapmanii T. & G. var. *longifolia* Nash, Bull. Torr. Bot. Club 23: 106. 1896
U.S.A.: Florida, Tampa, *G.V. Nash 2473*, 24 Aug. 1895, ISOTYPE

Lactuca tatarica (L.) C.A. Meyer var. *heterophylla* (Nutt.) Boivin f. *stevensii* Boivin, *Phytologia* 23: 125. 1972

U.S.A.: Minnesota, Clay Co., Felton, *O.A. Stevens 2514*, 10 Aug. 1961, HOLOTYPE

Lagascea helianthifolia HBK var. *adenocaulis* Robinson, *Proc. Amer. Acad.* 43: 38. 1907

MEXICO: Michoacan, Uruapan, *C.G. Pringle 13907*, 24 Jan. 1909, ISOTYPE

Lagotis glauca Gaertn, ssp. *minor* (Willd.) Hultén f. *albiflora* Cody, *Can. Field-Nat.* 108: 94. 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

Lamium laevigatum L. var. *maculatum* O. Kuntze, Publication unknown

EUROPE: Connewitz, *O. Kuntze*, July 1862, ? TYPE COLLECTION MATERIAL

Lamium lovcanicum Rohl., *Mem. Soc. Sc. Boheme* 1933, 8: 9 (1934)

ALBANIA: Montenegro, *Roblena*, July 1927, PARATYPE

Lamium purpureum L. var. *macrdontum* Vestergren, Publication unknown

SWEDEN: Stockholm, *T. Vestergren*, 13 May 1923, ? TYPE COLLECTION MATERIAL

Lantana svensonii Moldenke, *Known Geog. Distrib. Verbenaceae & Avicenniaceae* 78. 1942

PERU: Pampa de Olmos, *R. Ferreyra 9095*, 18 Apr. 1953, ? TOPOTYPE

Lappula anoplocarpa Greene, *Ottawa Nat.* 16: 39. 1902

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

Lasiacis anomala Hitchc., *Contr. U.S. Nat. herb.* 22: 29-30. 1920

TRINIDAD: Port of Spain, *A.S. Hitchcock* (*Amer. Gr. Nat. Herb.* 595), 27 Nov. 1912, ISOTYPE

Lasiacis ligulata Hitchc. & Chase, *Contr. U.S. Nat. Herb.* 18: 337. 1917

TRINIDAD: Port of Spain, *A.S. Hitchcock 10007* (*Amer. Gr. Nat. Nat. Herb.* 589), 28 Nov. 1912, ISOTYPE

- Lasiacis patentiflora* Hitchc. & Chase, Contr. U.S. Nat. Herb. 18: 338. 1917
TRINIDAD: Port of Spain, *A.S. Hitchcock* (Amer. Gr. Nat. Herb. 592), 27 Nov. 1912,
PARATYPE
- Lasiosiphon decaryi* J. Leand., Bull. Soc. Bot. France 1929, 76. 1041. 1930
MADAGASCAR: Ambovombe, *M. Decary 8966*, 2 June 1931, TOPOTYPE
- Lasiosiphon hildebrandii* S. Elliot, Journ. Linn. Soc. 29: 47. 1891
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
- Lathyrus hapemanii* Nelson, Univ. Wyoming Pub. Sci. 1: 64. 1924
U.S.A.: Nebraska, Minden, *H. Hapeman*, 21 May 1941, TOPOTYPE
- Lathyrus hitchcockianus* Barneby & Reveal, El Aliso 7(3): 362-363. 1971
U.S.A.: Nevada, Nye Co., Central bullfrog Hills, *J.L. Reveal 2202*, 4 May 1970, ISOTYPE
- Lathyrus rollandii* Victorin & Rousseau, Contrib. Inst. Bot. Univ. Montreal, 36: 22. 1940
CANADA: Quebec, comté de Bonaventure, Rivière Petite Cascapedia, Victorin & Rolland
49446, 25 juillet 1937, TOPOTYPE
- Lathyrus venosus* Muhl. var. *intonsus* Butters & St. John, Rhod. 19: 158. 1917
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
- Laurus canariensis* Webb & Berth., Phyt. Canar. iii: 229. 1846
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

Lavandula stoechas L. var. *lampaiana* Roz., Publication unknown

SPAIN: Tras-o-Montes, Vidago, *Braun-Blanquet et al. 2909*, 19 May 1916, ? TYPE
COLLECTION MATERIAL

Lavatera acerifolia Cav., Anal. Cienc. Nat. 6: 339. 1803

CANARY ISLANDS: Tenerife, Buenavista, *E. Asplund 1013*, 30 Apr. 1933, TOPOTYPE

Layia ziegleri Munz, Suppl. Calif. Fl. 149. 1968

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

Lepidium densiflorum Schrad. var. *macrocarpum* Mulligan, Madrono 16: 86. 1961
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

Leptolaena pauciflora Baker, J. Linn. Soc. 20: 96. 1894
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 & Potztl, 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. *carnosulum* 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* Vrishcz, Publication unknown

U.S.S.R.: Prov. Primorje, distr. Anuczinck, *D. Vrishcz* (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. Rechingner 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, Termesztud. 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, ninteen 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 & Sherf., Amer. J. Bot. 38: 63. 1951
HAWAIIAN ISLANDS: East Maui, Kamole Gulch, *Gegener 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, Sunnerville, *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., Malpaso 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, île 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 hildebrandii 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; Castelford, *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; Massachussets, 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 emirnenensis 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: Ngon, 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. *polyanthes* 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. *kupsokiana* 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 Munch. 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 jenisseensis 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

Microlepia marginata C. Chr. var. *prinnata* Makino, J. Jap. Bot. 3: 47. 1926
 JAPAN: Kanagawa Pref., Manazuru-cho, *T. Makino*, 12 Dec. 1926, ISOTYPE

Microlepia 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: Castella 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. *mentifolia* (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

Monolopia 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. *integrior* 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 claveformis 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 deltoides 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 pseudo-chicaginensis 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, *Borbas* (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

Orobis 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 faucibarbatu*s 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 Yautapac, *C.G. Pringle 8682*, Oct. 1902, ? TYPE - PUBLICATION

NOT AVAILABLE

Paepalanthus polytrichoides Kunth var. *glaber* Moldenke, Bot. Mus. Harvard Univ. Leafl. 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 parvum 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* Röndel, 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 ampicarpum 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 atrosanguinea 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 Cumshewa 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. Yunchker 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. *walrothianum* 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* Benth. 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., TS2, 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: Karlskrone, *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 fagetorum* 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, Sostroretsk, *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., *Hobocn cnet. 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 brevichreatum 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. Mussai, 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 yukusaianum 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 Mammamatawa, *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, PARATYPES; 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

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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

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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 bruggemanni* 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 colpodiioides* 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. *×suecica* Holmb. f. *expansa* Holmb, Publication unknown
SWEDEN: Scania, *O.R. Holmberg*, 15 Aug. 1904, ? TYPE COLLECTION MATERIAL
- Puccinellia* *×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 Beförd. 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. Chentey-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 Kriisa, 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. *multipectatus* 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. & Mabile, 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
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CANADA: Dist. of Keewatin, Chesterfield, *Savile & Watts 1329*, 8 Aug. 1950, TOPOTYPE
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CANADA: District of Mackenzie, Mile 23.8 Mackenzie River- Yellowknife Highway, *Thieret & Reich 6637*, 14 June 1961, PARATYPE and TOPOTYPE

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FRANCE: Cher., environs de Bourges, *Ripart* (F. Schultz, herb. norm. nov. ser. Cent. 11, 1089), 25 juin 1855, TYPE COLLECTION MATERIAL

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Rosa californica Cham. & Schlecht., Linnaea 2: 35. 1827

U.S.A.: California, San Francisco Creek, *J.H. Thomas 9591*, 2 July 1961, TOPOTYPE

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EUROPE: Buchenbez, *P. Flütsch*, (Fl. Raetica Ex. 1260), 12 Aug. 1933, ? TYPE COLLECTION MATERIAL

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AUSTRIA: Tirolia centralis, ad Trins in valle Gschnitz, *A. Kerner* (Fl. Ex. Austro-Hung. 863), ISOTYPE

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ENGLAND: Surrey, Banstead Downs, *C.E. Britton 3433*, 2 Sept. 1928, ISOTYPE

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U.S.A.: North Dakota, Pleasant Lake, *J. Lunell*, 28 July 1922, ISOTYPE

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EUROPE: Thuringia, Koesen, *Sagorski*, 1895, ? TYPE COLLECTION MATERIAL

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AUSTRIA: Banat, *Wierzbicki*, ISOTYPE

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HUNGARY: In valle fluvii Gran ad oppidum Schemnitz, *Kmet* (Fl. Ex. Austro-Hung. 469), ISOTYPE

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AUSTRIA: Gutenstein, *Richter* (Fl. ex. Austro-Hung. 461), TOPOTYPE

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HUNGARY: montis Hawran ad oppidum S. Antal, *Kmet* (Fl. Ex. Austro-Hung. 478), ISOTYPE

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HUNGARY: ad Schemnitz, *Kmet* (Fl. ex. Austro-Hung. 468), TOPOTYPE

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HUNGARY: Krnisov, *Kmet* (Fl. Ex. Austro-Hung. 462), ISOTYPE

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FRANCE: Rhone, Marcy-l'Etoile, *A. Boullu*, 15 juin 1876, TYPE COLLECTION MATERIAL
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EUROPE: Croatia, in monte Bienik-Mirogoj, *Vukotinovic*, ? ISOTYPE
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HUNGARY: Moravia Kuhberge prope Znaim, *Oborny* (Fl. Ex. Austro- Hung. 471), TOPOTYPE
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FRANCE: Pyrénées-Orientales, Corbère, *S. Pons*, 5 août 1895, ? TYPE COLLECTION MATERIAL
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FRANCE: Isère, Le Sappey, *A. Boullu*, 12 sept. 1876, ? TYPE COLLECTION MATERIAL
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FRANCE: Rhone, Bonant, Craponne, *A. Boullu*, 4 Sept. 1875, TYPE COLLECTION MATERIAL
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HUNGARY: Regione Schemnitzii in monte Sytno, *Kmet* (Fl. Ex. Austro-Hung. 856), TOPOTYPE
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FRANCE: Vignes de Bouilly (Rhone), *A. Boullu* (Soc. dauph. 1199), 25 juin 1876, ISOTYPE
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CANADA: Quebec, comté de Charlevoix, Les Eboulements, *B. Boivin 2450*, 27 juin 1938, ISOTYPE
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FRANCE: Iser, Les Martinets, à la Ferrière d'Alleverd. *A. Boullu* 25 août 1873, 11 sept. 1876 (Soc. dauph. No. 1200), ? ISOTYPE
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HUNGARY: monte Sytno prope Schemnitz, *Kmet* (Fl. Ex. Austro-Hung. 438), ISOTYPE
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CANADA: Quebec, Cap Enrangé, 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, Flensborg, *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* Sudr., 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

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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, Löchan, 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, *Caflisch*, 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, Ostensfeld-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-Inférieur, Rouen: Dieppedalle, *Letendre*, 1874, ? ISOTYPE

Rubus discertiiformis 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: Posonii, *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: Riddagshahren, *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, Flensborg, *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: Söchau, *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. Lidfor*, 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: Posenii, *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. *sinuatatus* 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, Flensborg, 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: Slesvorna, *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 ostefeldii 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, Hall 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: Bürgenberge bei Goldberg, *Pinkwort*, 26 Sept. 1897, ISOTYPE

Rubus peltaefolius Progel in *Ber. Bot. Ver. Landshut* 8: 107. 1882
EUROPE: Bavaria, Waldmünchen, 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 Gremlí 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. *helioccharus* 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 Cranesville, 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. Friderichsen*, 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, Femmøller, *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: Slesvig-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 waldfriidensis 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: Saxonia, *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 ×khorasanicus 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 fluvii 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: Manitoba, 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 Colombia, 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. *glabellcarpa* 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. *glabellcarpa* 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

Salsola tragus L. var. *iberica* Sen. & Pau, Publication unknown

SPAIN: Castille, Miranda de Ebro, *Fre. Elias*, 20 Oct. 1906, ? TYPE COLLECTION MATERIAL

Salsola 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 Tepoxtlan, *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, Beschr. 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 auistromontana 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, Donggrergo, *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 Azouzetta 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 tricuspidata* 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 tricuspidata* 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 fevrier 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 serpentonica* 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, Sierra 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 balbisanus 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 maderenesis* 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
- Senecio 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, Dauria, 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 Hosingarea, 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. Saryj 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. Samen* (?), 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 ammorum* 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* Schmeid. 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 Leopoldskirchen *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. Silvius*, (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. Almquist*, 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. Obsheh. 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
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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
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MEXICO: Lower California, San Jose del Cabo, *M.E. Jones 24002*, 18 Jan. 1828, TYPE COLLECTION MATERIAL
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PALESTINE: Lower Jordan Valley, *Eig et al.*, 23 Mar. 1935, TOPOTYPE
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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

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HOLOTYPE

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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 intervale 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

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CANADA: Nova Scotia, Big Mushamush Lake, *Fernald & Long* (Pl. ex. Gray. 457), 17 Aug.
1921, HOLOTYPE

Succowia balearica Medic., Pflanzeng. i,64. 1792
SPAIN: Baleares, Sollor, F. Bianor. Pl. d'Espagne-F. Sennen No. 1373, 14 May 1912,
TOPOTYPE

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U.S.A.: Oregon, Clackamus 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

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JAVA: collector unknown, TOPOTYPE
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U.S.A.: Nevada, Clark Co., Charleston Peak Trail, *I.M. Clokey 7313*, 24 July 1936, TOPOTYPE
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TOPOTYPE
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CULTIVATED: Royal Botanical Gardens, Hamilton, Ont. (plant rec'd from Agriculture Canada
Research Station, Morden Man.), *J.S. Pringle 1586*, 6 June 1975, PARATYPE
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- Tamarix canariensis* Willd., Abh. Akad. Berl. 1812-13 (1816) 79
CANARY ISLANDS: Nivaria, *E.R. Sventenius*, 15 Sept. 1951, (Fl. Sel. Can. 129), TOPOTYPE
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PERSIA: Kerman, Lut prope Fahraj, *K.H. Rechinger*, 26 Mar. 1965, PARATYPE
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U.S.A.: California, San Francisco, *L.S. Rose 41452* (Pl. ex. Gray 1199), 19 Sept. 1941,
TOPOTYPE
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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

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CANADA: Ontario, Albany, *Dutilly & Lepage 15937*, 2 août 1946, TYPE & ISOTYPE

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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

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U.S.A.: Florida, Calhoun Co., near Bristol, *Muenschler & Muenschler 14309*, 11 Feb. 1939,
TOPOTYPE

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COLOMBIA: Santa Marta, *H.H. Smith 343* (1898-1901), ? ISOTYPE

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COLUMBIA: Santa Marta, *H.H. Smith 1527*, 1898-1901, PARATYPE

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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. Schiraevsky*, 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

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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

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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

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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

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CANADA: British Columbia, Nanaimo, *J. Macoun*, 10 June 1887, PARATYPE
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MEXICO: Jalisco, Guadalajara, *C.G. Pringle 9680*, 16 July 1902, TOPOTYPE
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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
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U.S.A.: Wisconsin, Williams Bay, *J.W. Thompson*, 8 July 1941, FRAGMENT OF HOLOTYPE
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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
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KOREA: Quelpuert in speibus Hallaisan, *T. Taquet 508*, 13 Aug. 1908, ISOTYPE
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CANADA: Ontario, Albany, *Dutilly & Lepage 16109*, 7 Aug. 1946, HOLOTYPE
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U.S.A.: Tennessee, Knoxville, *I.K. McMorine*, April 1893, HOLOTYPE
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MEXICO: Jalisco, Lake Chapola, *R. McVaugh 15043*, 26 June 1957, HOLOTYPE
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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

Thelpteris 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 jennisseensis 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

Tilia houghii Rose, U.S. Dept. Agr. Contrib. Nat. Herb. 8: 318. 1903
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, Sierre Madre, *C.G. Pringle 15610*, 25 May 1908, PARATYPE

Tilia pringlei Rose, Amer. Midl. Nat. 11: 550. 1929
MEXICO: Nuevo Leon, Monterey, *C.G. Pringle 10188*, 5 June 1906, ISOTYPE

Tillandsia valenzuelana A. Rich., Sagra, Fl. Cub. 267. 1853
CUBA: Yumury, *F. Rugel 246*, Apr. 1849, TOPOTYPE

Todaroa aurea Parl. in Webb & Berth., Phyt. Canar. 2: 155, t 74. 1842-1850
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

Tolpis crassiuscula Svent., Bot. Inst. Nac. Invest. Agrom., Madrid 9(20): 206. 1949
CANARY ISLANDS: Nivaria, Buenavista, Roque del Fraile, *E.R. Sventenius*, (Fl. Sel. Can. 190), 2 May 1947, TYPE COLLECTION MATERIAL

Torreya taxifolia Arnott, Ann. Nat. Hist. Ser. I. 1: 130. 1838
U.S.A.: Florida, prope Aspalaga, *Rugel*, Mai-Jul. 1843, TOPOTYPE (2 SHEETS)

Torrubia uberrima Standl., Publ. Field Mus. Nat. Hist. Chicago, Bot. Ser. 11: 88. 1931
COLOMBIA: Santa Marta, *H.H. Smith* 1873, 1898-1901, ISOTYPE

Tovara virginiana f. *rubra* Moldenke, Boissiera 7: 4. 1943
U.S.A.: Ohio, Coshocton Co., near Coshocton, *H.N. Moldenke* 13665, 15 Aug. 1942, ISOTYPE

Townsendia eximia A. Gray, Mem. Am. Acad. N.S. 4: 70. 1849
U.S.A.: New Mexico, Santa Fe Co., Canoncito, *Heller & Heller* 3726, 18 June 1897,
TOPOTYPE

Townsendia grandiflora Nutt., Trans. Am. Phil. Soc. N.S. 7: 306. 1841
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

Townsendia jonesii (Beaman) Reveal var. *tumulosa* Reveal, Great Basin Naturalist 30: 37. 1970
U.S.A.: Nevada, NW Las Vegas Valley, *J.L. Reveal* 1326, 17 June 1968, ISOTYPE

Tragacantha densissima Boriss., Acta Inst. Bot. Acad. Sc. Ser. 1, Fasc. 3, 222. 1937
U.S.S.R.: Turcomania, Montes Kopet-dagh, *A. Borissova*, (Ex USSR 3348), Aug. 1934, ?
ISOTYPE

Tragacantha turkmenorum Boriss., Acta Inst. Bot. Acad. Sc. URSS, Ser. I, Fasc. 3, 221. 1937
U.S.S.R.: Turcomania, Montes Kopet-dagh, in distr. Geok-tepe, *A. Borissova*, 14 July 1934, (Pl. Ex. U.S.S.R. 3350), TOPOTYPE

Tragopogon porrifolius L. f. *mongomeryi* Boivin, Nat. can. 94: 648. 1967
CANADA: Ontario, Port Colborne, *Montgomery & Shumovich* 648, 19 June 1953, HOLOTYPE

Trapa verbanensis De Notaris, Catal. dei semiracc. nell' anno 1875. Orto Botan. della R. Univ. di 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 COLLECTION MATERIAL

Trifolium aitonii Rydb., *Bull. Torrey Bot. Club* 34: 46. 1907
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 biaolettii 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

Trifolium bolanderi Gray, Proc. Am. Acad. Sci. 7: 335. 1868
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

Trifolium eriocephalum Nutt. in T. & G. ssp. *cascadense* J.M. Gillett, Can. J. Bot. 49: 400. 1971
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 *profliferum* 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
- Trifolium israeliticum* Zohary & Katznelson, Austral. Journ. Bot. 6: 179. 1958
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 "Pusztá-Szent-Mihály" *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 yakushimanse* 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: Transsylvania 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

Viguiera 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 Cumshewa 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 Lockeport, *Calder et al. 34924*, 11 June 1964, PARATYPE; head of Pallant Creek below Mount Moresby west of Cumshewa Inlet, *Calder & Taylor 35320*, 21 June 1964, PARATYPE; about 3 miles west of head of Cumshewa 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 euboea (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, *Gulyás & 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, Azerbajdzhan, 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 berteroana 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*, 1998-1901, ? 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 MATERIAL

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