

University of Colorado Herbarium (COLO)		1201 Record(s)
Page 1 of 322	COLO Type Specimens	Acanthaceae
<b>Family: Acanthaceae</b>		
<b>Beloperone fragilis Robinson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422655	<b>Bar Code:</b> 351023	<b>Proofed:</b> none.
<b>Location:</b> San Luis Potosi, Mexico. Las Canoas.		
<b>Habitat:</b> Limestone ledges.		
<b>Collector:</b> C.G. Pringle #3933.		
<b>Date:</b> 30 October, 5 December 1891.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> = <i>Beloperone tenera</i> (Rob.) Turrill.		
<b>References:</b> Proc. Amer. Acad. 27:183. 1892.		
<b>Beloperone pringlei S. Watson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422657	<b>Bar Code:</b> 351031	<b>Proofed:</b> none.
<b>Location:</b> Nuevo Leon, Mexico. Hills near Monterey.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #2548.		
<b>Date:</b> 15 July & 1 August 1889.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> = <i>Justicia straminea</i> D. Gibson.		
<b>References:</b> Proc. Amer. Acad. 25:160. 1890.		
<b>Carlowrightia glandulosa Rob. &amp; Greenm.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422658	<b>Bar Code:</b> 356568	<b>Proofed:</b> none.
<b>Location:</b> Oaxaca, Mexico. Monte Alban near Oaxaca.		
<b>Habitat:</b> none. 5500 ft.		
<b>Collector:</b> C.G. Pringle #6276.		
<b>Date:</b> 5 December 1895.		
<b>Miscellaneous:</b> 1-3 feet. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 32:40. 1896.		
<b>Carlowrightia ovata Gray</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422659	<b>Bar Code:</b> 356576	<b>Proofed:</b> none.
<b>Location:</b> Chihuahua, Mexico. Ledges near Chihuahua.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #932.		
<b>Date:</b> 30 August 1885.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 21:406. 1886.		

**Carlowrightia pringlei Rob. & Greenm.****Type Status: Isotype****Accession No:** 422660      **Bar Code:** 356584      **Proofed:** none.**Location:** Oaxaca, Mexico. Tomellin Canyon.**Habitat:** Dry slopes. 3500 ft.**Collector:** C.G. Pringle #6261.**Date:** 30 November 1895.**Miscellaneous:** 3-5 feet. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = Siphonoglossa pringlei (R. & G.) Lindau.**References:** Proc. Amer. Acad. 32:40. 1896.**Jacobinia stellata Rob. & Greenm.****Type Status: Isotype****Accession No:** 422610      **Bar Code:** 371864      **Proofed:** none.**Location:** Jalisco, Mexico. Barranca of Tequila.**Habitat:** Under dry cliffs, barranca.**Collector:** C.G. Pringle #4573.**Date:** 16 October 1893.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 29:390. 1894.**Ruellia pringlei Fernald****Type Status: ?****Accession No:** 149778      **Bar Code:** 406298      **Proofed:** none.**Location:** Guerrero, Mexico. Hillsides, Balsas Station.**Habitat:** none. 2000 ft.**Collector:** C.G. Pringle #10071.**Date:** 27 September 1905.**Miscellaneous:** Fls. white. Plantae Mexicanae. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 43: 67. 1907.**Family: Adiantaceae****Hemionitis elegans Davenport****Type Status: Isotype****Accession No:** 424347      **Bar Code:** 369868      **Proofed:** none.**Location:** Jalisco, Mexico. The barranca near Guadalajara.**Habitat:** Shaded banks and ledges of barranca.**Collector:** C.G. Pringle #2585.**Date:** 24 September 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984.**Annotations:** Bommeria elegans (Davenp.) Ranker & Haufler, det. T.A. Ranker, 14 July 1991; Amer. Fern J. 80:1-3. 1990.**References:** Garden & Forest 4:484. 1891.

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<b>Family: Agavaceae</b>		
<b>Agave brunnea S. Watson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422986	<b>Bar Code:</b> 339705	<b>Proofed:</b> none.
<b>Location:</b> San Luis Potosi, Mexico. Los Charcos.		
<b>Habitat:</b> Calcareous mesas.		
<b>Collector:</b> C.G. Pringle #3745.		
<b>Date:</b> 2 July 1891.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift to Herbarium COLO from Colorado College 1984. Repr. Status: Frt.		
<b>Annotations:</b> = Polianthes brunnea (Wats.) Shinnery.		
<b>References:</b> Proc. Amer. Acad. 28:156. 1891.		
<b>Agave chihuahuana Trelease</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422981	<b>Bar Code:</b> 339713	<b>Proofed:</b> none.
<b>Location:</b> Chihuahua, Mexico. Hills near Chihuahua.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #958.		
<b>Date:</b> 8 September 1886.		
<b>Miscellaneous:</b> Originally identified as Agave wislizeni Engelm. Plantae Mexicanae. Gift to Herbarium COLO from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> = Agave parryi Engelm., det. Gentry 1982.		
<b>References:</b> Rep. Mo. Bot. Gard. 22. 1911.		
<b>Agave guadalajarana Trelease</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422990	<b>Bar Code:</b> 339721	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Near Guadalajara.		
<b>Habitat:</b> Dry rocky hills.		
<b>Collector:</b> C.G. Pringle #4473.		
<b>Date:</b> 21 June & 21 July 1893.		
<b>Miscellaneous:</b> Originally identified as Agave megalacantha Hemsl. Plantae Mexicanae. Gift to Herbarium COLO from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> Agave guadalajarana Trelease, det. Gentry 1982.		
<b>References:</b> Contr. U.S. Nat. Herb. 23:123. 1920.		
<b>Agave potrerana Trelease</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422989	<b>Bar Code:</b> 339739	<b>Proofed:</b> none.
<b>Location:</b> Chihuahua, Mexico. Portrero [sic] Peak.		
<b>Habitat:</b> none. 7400 ft.		
<b>Collector:</b> C.G. Pringle #802.		
<b>Date:</b> 10 September 1886.		
<b>Miscellaneous:</b> Originally identified as Agave. Plantae Mexicanae. Gift to Herbarium COLO from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> Agave potrerana Trelease, det. Gentry 1982.		
<b>References:</b> Contr. U.S. Nat. Herb. 23:138. 1920.		

**Agave vestita S. Watson****Type Status: Isotype****Accession No:** 507604**Bar Code:** 339747**Proofed:** none.**Location:** Jalisco, Mexico. Near Guadalajara.**Habitat:** Dry porphyritic ledges.**Collector:** C.G. Pringle #2432.**Date:** 8 November 1889.**Miscellaneous:** Plantae Mexicanae. Repr. Status: Flr & Frt.**Annotations:** = *Agave schidigera* Lem, fide Gentry, no date.**References:** Proc. Amer. Acad. 25:163. 1890.**Dasyliiron inerme S. Watson****Type Status: Isotype****Accession No:** 422717**Bar Code:** 361295**Proofed:** none.**Location:** San Luis Potosi, Mexico. Las Palmas.**Habitat:** Limestone ledges.**Collector:** C.G. Pringle #3108.**Date:** 27 June 1890.**Miscellaneous:** A tree like plant 20-30 feet high with few branches and 2-4 feet thick at base. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** = *Beaucarnea inermis* (Wats.) Rose.**References:** Proc. Amer. Acad. 26:157. 1891.**Family: Alliaceae****Allium brandegei f. viviparum W.A. Weber****Type Status: Type****Accession No:** 442565**Bar Code:** 342311**Proofed:** none.**Location:** Routt County, Colorado, USA. Along Fish Creek/Long Lake Trail just above upper falls on Fish Creek about 1.5 mi above the lower falls (the popular tourist site).**Habitat:** Wet areas, rocky meadow along trail and even in trail. In a pop. of normal plants. *A. brevistylum* also present, but not *A. geyeri*.**Collector:** W.F. Jennings #sn.**Date:** 24 June 1989.**Miscellaneous:** Bulblet-forming plts. The bulblets in present collection certainly belong to *A. brandegei* & are distinctly different in size & shape from those in *A. geyeri*, *rubrum* apomict. Repr. Status: Bulblet.**Annotations:** none.**References:** none.

***Triteleia ixioides* (Ait. f.) Greene ssp. *anilina* (Greene) Lenz** **Type Status: Isonotype**  
**Accession No:** 405827 **Bar Code:** 823377 **Proofed:** none.  
**Location:** Alpine County, California, USA. Just beyond Lake Alpine on Ebbetts Pass rd.  
**Habitat:** none.  
**Collector:** Lee W. Lenz #24869.  
**Date:** 27 July 1971.  
**Miscellaneous:** Abundant, anthers white, short broad throat, mostly green veined flower parts. Based on *Calliprora scabra* var. *anilina* Greene; *Erythea* 3:125. 1895. Repr. Status: Flr.  
**Annotations:** *Triteleia ixioides* (W.T. Aiton) Greene ssp. *anilina* (Greene) L.W. Lenz, det. J. Chris Pires, Feb. 2005.  
**References:** *Aliso* 8:233. 1975.

***Triteleia ixioides* (Ait. f.) Greene ssp. *unifolia* Lenz** **Type Status: Isotype**  
**Accession No:** 405826 **Bar Code:** 823385 **Proofed:** none.  
**Location:** Mariposa County, California, USA. Road from Coulterville to hwy 120 north of Greeley Hill.  
**Habitat:** Cutover yellow pine forest with oaks; growing in loamy soil. 3400 ft.  
**Collector:** Lee W. Lenz #24859.  
**Date:** 26 May 1971.  
**Miscellaneous:** Unifoliolate. Repr. Status: Flr.  
**Annotations:** *Triteleia ixioides* (W.T. Aiton) Greene ssp. *unifolia* L.W. Lenz, det. J. Chris Pires, Feb. 2005.  
**References:** *Aliso* 8:243. 1975.

**Family: Alsinaceae**

***Arenaria lanuginosa* var. *longipedunculata* Duncan** **Type Status: ?**  
**Accession No:** 71689 **Bar Code:** 347922 **Proofed:** none.  
**Location:** Fulton County, Georgia, USA. South side of Chattahoochee River, east of Marsh Creek.  
**Habitat:** In shallow soil on shelf near top of granite rock cliff, in deep woods.  
**Collector:** W.H. Duncan #9701.  
**Date:** 5 June 1949.  
**Miscellaneous:** Plant with diffusely prostrate branches. *Plantae Exsiccatae Grayanae* 1421. Repr. Status: Flr.  
**Annotations:** none.  
**References:** *Phytologia* 3:282. 1950.

**Arenaria rosei Maguire & Barneby****Type Status: Paratype****Accession No:** 118144      **Bar Code:** 347948      **Proofed:** none.**Location:** Trinity County, California, USA. 1 mi. sw. of Peanut.**Habitat:** Open serpentine slopes. 2500 ft.**Collector:** Lewis S. Rose #55126.**Date:** 17 July 1955.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Leafl. West. Bot. 8:56. 1956.**Cerastium variabile Goodding****Type Status: Isotype****Accession No:** 332271      **Bar Code:** 356733      **Proofed:** none.**Location:** Utah, USA. Dyer Mine, Uintah Mountains.**Habitat:** Moist bottom lands.**Collector:** Leslie N. Goodding #1246.**Date:** 3 July 1902.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Bot. Gaz. 37:54. 1904.**Drymaria anomala S. Watson****Type Status: Isotype****Accession No:** 422752      **Bar Code:** 363010      **Proofed:** none.**Location:** Coahuila, Mexico. Carneros Pass.**Habitat:** Limestone hills.**Collector:** C.G. Pringle #3278.**Date:** 20 September 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 25:143. 1890.**Drymaria depressa E.L. Greene****Type Status: ?****Accession No:** 405841      **Bar Code:** 363028      **Proofed:** none.**Location:** Grant County, New Mexico, USA. Lawyer's Peak.**Habitat:** Open glade. 9500 ft.**Collector:** O.B. Metcalfe #1430.**Date:** 30 September 1904.**Miscellaneous:** ID det. Dr. E.L. Greene. Repr. Status: Flr & Frt.**Annotations:** Drymaria depressa E.L. Greene, Type, det. J.A. Duke 1960.**References:** Leafl. Bot. Observ. Crit. 1:153. 1905.

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<b>Drymaria fendleri var. perennis M.E. Jones</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 405842	<b>Bar Code:</b> 363036	<b>Proofed:</b> none.
<b>Location:</b> , Mexico. Lower California. The Laguna, Laguna Mountains.		
<b>Habitat:</b> none.		
<b>Collector:</b> Marcus E. Jones #sn?.		
<b>Date:</b> 22 September 1930.		
<b>Miscellaneous:</b> none. Repr. Status: Flr & Frt.		
<b>Annotations:</b> Drymaria glandulosa Bartl. var. perennis (Jones) Fosb., det. F.R. Fosberg 1942. / Drymaria glandulosa Presl (Type of D. fendleri var. perennis), det. J.A. Duke 1960.		
<b>References:</b> Contr. W. Bot. 18:65. 1933.		
<b>Drymaria tenuis var. jaliscana Briq.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422760	<b>Bar Code:</b> 363044	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Near Guadalajara.		
<b>Habitat:</b> Cool banks and ledges.		
<b>Collector:</b> C.G. Pringle #4536.		
<b>Date:</b> September 1893.		
<b>Miscellaneous:</b> Originally identified as Drymaria tenuis Watson. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Ann. Conserv. Jard. Bot. Geneve 13 & 14:374. 1911.		
<b>Paronychia wilkinsoni S. Watson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422748	<b>Bar Code:</b> 392647	<b>Proofed:</b> none.
<b>Location:</b> Chihuahua, Mexico. Rocky hills near Chihuahua.		
<b>Habitat:</b> Gravelly slopes and summits, rocky hills.		
<b>Collector:</b> C.G. Pringle #341.		
<b>Date:</b> 30 September 1885.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 21:454. 1886.		
<b>Stellaria weberi B. Boivin</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 3363	<b>Bar Code:</b> 408195	<b>Proofed:</b> none.
<b>Location:</b> Clear Creek County, Colorado, USA. Trail from Stevens Mine to summit of Gray's Peak.		
<b>Habitat:</b> On rocky tundra slopes. 13000 ft.		
<b>Collector:</b> W.A. Weber #5621.		
<b>Date:</b> 11 July 1950.		
<b>Miscellaneous:</b> Originally identified as Stellaria crassifolia Ehrh.? Repr. Status: Flr.		
<b>Annotations:</b> Not S. crassifolia Ehrh.! Could it not be a dwarf alpine form of S. umbellata Turcz?, det. A.E. Porsild 1954.		
<b>References:</b> Svensk Bot. Tidskr. 50: 114. 1956.		

## Family: Amaranthaceae

**Amaranthus pringlei S. Watson****Type Status: Isotype****Accession No:** 422622**Bar Code:** 342386**Proofed:** none.**Location:** Chihuahua, Mexico. Hills near Chihuahua.**Habitat:** none.**Collector:** C.G. Pringle #795.**Date:** 26 September 1886.**Miscellaneous:** Plantae Mexicanae. Gift to Herbarium COLO from Colorado College 1984. Repr. Status: Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 22:476. 1887.

## Family: Anacardiaceae

**Rhus jaliscana Standey****Type Status: Isotype****Accession No:** 422624**Bar Code:** 406231**Proofed:** none.**Location:** Jalisco, Mexico. Barranca near Guadalajara.**Habitat:** Moist places in barranca.**Collector:** C.G. Pringle #1774.**Date:** 3 November 1888.**Miscellaneous:** Originally identified as *Rhus terebinthaefolia* Ch. & Schl. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** none.**References:** Contr. U. S. Natl. Herb. 20: 219. 1919.

## Family: Annonaceae

**Asimina reticulata Shuttl.****Type Status: ?****Accession No:** 95147**Bar Code:** 348102**Proofed:** none.**Location:** Florida, USA. Prope Smyrna.**Habitat:** In pinetis.**Collector:** Rugel #9.**Date:** May 1848.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Fl. S. United States, p. 15.**Asimina secundiflora Shuttl.****Type Status: ?****Accession No:** 95329**Bar Code:** 348110**Proofed:** none.**Location:** Florida, USA. Prope Jacksonville et Smyrna.**Habitat:** In pinetis.**Collector:** Rugel #10.**Date:** May 1848.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Fl. S. United States, p. 15.



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<b>Family: Apiaceae</b>		
<b>Aletes humilis Coulter &amp; Rose</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 321180	<b>Bar Code:</b> 339770	<b>Proofed:</b> none.
<b>Location:</b> Larimer County, Colorado, USA. Dale Creek.		
<b>Habitat:</b> none.		
<b>Collector:</b> G.E. Osterhout #2002.		
<b>Date:</b> 19 July 1899.		
<b>Miscellaneous:</b> Duplicate of Accession No. 41284. Repr. Status: Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Contrib. U.S. Nat. Herb. 7:107. 1900.		
<b>Aletes humilis Coulter &amp; Rose</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 41284	<b>Bar Code:</b> 339788	<b>Proofed:</b> none.
<b>Location:</b> Larimer County, Colorado, USA. Dale Creek.		
<b>Habitat:</b> none.		
<b>Collector:</b> G.E. Osterhout #2002.		
<b>Date:</b> 19 July 1899.		
<b>Miscellaneous:</b> Duplicate of Accession No. 321180 Repr. Status: Frt.		
<b>Annotations:</b> Aletes humilis Coult. & Rose, det. Theobald, Tseng & Mathias 1963.		
<b>References:</b> Contrib. U.S. Nat. Herb. 7:107. 1900.		
<b>Aletes macdougalii ssp. breviradiatus Theobald &amp; Tseng.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 23715	<b>Bar Code:</b> 8755	<b>Proofed:</b> none.
<b>Location:</b> Montezuma County, Colorado, USA. Mesa Verde National Park.		
<b>Habitat:</b> Sandstone rim, mesatop. Elev. range of study area 6000-8000 ft.		
<b>Collector:</b> James Erdman #sn.		
<b>Date:</b> 31 May 1959.		
<b>Miscellaneous:</b> Subsp. nov. Repr. Status: Frt.		
<b>Annotations:</b> Aletes macdougalii Coult. & Rose subsp. breviradiatus Theobald & Tseng, subsp. nov., det. Theobald, Tseng & Mathias 1963.		
<b>References:</b> Brittonia 16:306-309. 1964.		
<b>Aletes macdougalii ssp. breviradiatus Theobald &amp; Tseng.</b>		<b>Type Status: Type</b>
<b>Accession No:</b> 23727	<b>Bar Code:</b> 339796	<b>Proofed:</b> none.
<b>Location:</b> Montezuma County, Colorado, USA. Mesa Verde National Park.		
<b>Habitat:</b> Sandstone rim, mesatop. Elev. range of study area 6000-8000 ft.		
<b>Collector:</b> James Erdman #sn.		
<b>Date:</b> 31 May 1959.		
<b>Miscellaneous:</b> Subsp. nov. Repr. Status: Frt.		
<b>Annotations:</b> Aletes macdougalii Coult. & Rose subsp. breviradiatus Theobald & Tseng, subsp. nov., det. Theobald, Tseng & Mathias 1963.		
<b>References:</b> Brittonia 16:306-309. 1964.		

**Angelica scabrida Clokey & Mathias****Type Status: Isotype****Accession No:** 86487      **Bar Code:** 342451      **Proofed:** none.**Location:** Clark County, Nevada, USA. Charleston Park.**Habitat:** Wash and north slope. Yellow pine belt. 2330 m.**Collector:** I.W. Clokey #5548.**Date:** 4 August 1935, 10 & 25 July 1936.**Miscellaneous:** Flowers Aug. 4, 1935. July 10, 1936. Fruit July 25, 1936. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Bull. So. Calif. Acad. Sci. 37:8, pl. 2. 1938.**Arracacia multifida S. Watson****Type Status: Paratype****Accession No:** 422346      **Bar Code:** 349316      **Proofed:** none.**Location:** Mexico, Mexico. Rio Hondo.**Habitat:** Mossy ledges.**Collector:** C.G. Pringle #3893.**Date:** 5 September 1891.**Miscellaneous:** Likely a paratype; collection number different from holotype coll. number which is 3620. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** = *Arracacia toluensis* var. *multifida* (S. Wats.) Math. & Const.**References:** Proc. Amer. Acad. 26:136. 1891.**Aulospermum planosum Osterhout****Type Status: Isotype****Accession No:** 41346      **Bar Code:** 350926      **Proofed:** none.**Location:** Eagle County, Colorado, USA. Minturn.**Habitat:** none.**Collector:** G.E. Osterhout #2572.**Date:** 5 June 1902.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** = *Cymopterus planosus* (Osterh.) Mathias.**References:** Bull. Torr. Bot. Club 30:236. 1903.**Cogswellia concinna Osterhout****Type Status: Isotype****Accession No:** 321172      **Bar Code:** 357780      **Proofed:** none.**Location:** Delta County, Colorado, USA. Paonia.**Habitat:** none.**Collector:** G.E. Osterhout #4515.**Date:** 21 May 1911.**Miscellaneous:** Originally identified as *Cogswellia*. Repr. Status: Frt.**Annotations:** none.**References:** *Muhlenbergia* 8:44. 1912.

**Coultterophytum laxum B.L. Robinson****Type Status: Isotype****Accession No:** 422370**Bar Code:** 359141**Proofed:** none.**Location:** Jalisco, Mexico. Bluffs of barranca near Guadalajara.**Habitat:** Bluffs of barranca.**Collector:** C.G. Pringle #3831.**Date:** 15 September 1891.**Miscellaneous:** Stem mostly simple, 5-10 ft. high, 1 line thick, woody. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 27:169. 1892.**Cymopterus davisii R. Hartman****Type Status: Isotype****Accession No:** 400330**Bar Code:** 360032**Proofed:** none.**Location:** Cassia County, Idaho, USA. Albion Mountains; Mount Harrison, 0.5-1 mi NNW of fire lookout. TRS: T13S R24E Sec4 SW¼.**Habitat:** Alpine slopes in crystalline rock substrate. 8900 ft.**Collector:** Ronald L. Hartman #14024.**Date:** 11 July 1982.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Brittonia 37:102. 1985.**Cymopterus evertii Hartman & Kirkpatrick****Type Status: Isotype****Accession No:** 435445**Bar Code:** 360057**Proofed:** none.**Location:** Park County, Wyoming, USA. Bighorn Basin: N side of Squaw Teats Road, 2 air mi E of WY 120, ca 10 air mi SE of Meeteetse. TRS: T48N R99W Sec35.**Habitat:** Sandstone outcrop on hills with Pinus flexilis. 5900 ft.**Collector:** Ronald L. Hartman #12799.**Date:** 27 May 1981.**Miscellaneous:** Originally identified as Cymopterus. Repr. Status: Flr & Frt.**Annotations:** Cymopterus evertii Hartman & Kirkpatrick, det. Ronald L. Hartman 1986.**References:** Brittonia 38:420-426. 1986.**Cymopterus utahensis var. eastwoodae Jones****Type Status: ?****Accession No:** 55142**Bar Code:** 364018**Proofed:** none.**Location:** Colorado, USA. Note on sheet: "specimen probably from Durango or Steamboat Springs".**Habitat:** none.**Collector:** .**Date:** none.**Miscellaneous:** No herbarium label or collection data on sheet, though stamped "Eastwood Herbarium". Notes on sheet re morphology, suggest this should be called Cymopterus eastwoodae. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Calif. Acad. Sci. 5:685-686. 1895.

**Cymopterus williamsii Hartman & Constance****Type Status: Isotype****Accession No:** 400331**Bar Code:** 360065**Proofed:** none.**Location:** Big Horn County, Wyoming, USA. Big Horn Mountains; ca 7.3 air mi WNW of Tyrrell Ranger Station. TRS: T49N R87W Sec19.**Habitat:** Sandstone ridge topped by limestone; with *Pinus ponderosa*. 7000 ft.**Collector:** Ronald L. Hartman #9200. With Ann Odasz.**Date:** 21 June 1979.**Miscellaneous:** Flowers yellow. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Brittonia 37:91. 1985.**Deanea tuberosa Coulter & Rose****Type Status: Isotype****Accession No:** 422369**Bar Code:** 361303**Proofed:** none.**Location:** Mexico, Mexico. Valley of Toluca.**Habitat:** Low meadows.**Collector:** C.G. Pringle #4295.**Date:** 3 October 1892.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = *Rhodosciadium tuberosum* (C. & R.) C. & R.**References:** Bot. Gaz. 20:373. 1895.**Eryngium madrense S. Watson****Type Status: Isotype****Accession No:** 422367**Bar Code:** 367698**Proofed:** none.**Location:** Chihuahua, Mexico. Base of Sierra Madre.**Habitat:** Shallow ponds.**Collector:** C.G. Pringle #2009.**Date:** 26 September 1888.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 23:274. 1888.**Eryngium mexicanum S. Watson****Type Status: Isotype****Accession No:** 422368**Bar Code:** 367706**Proofed:** none.**Location:** Mexico, Mexico. Del Rio.**Habitat:** Wet meadows.**Collector:** C.G. Pringle #3229.**Date:** 30 August 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Eryngium phyteumae* Delar. f. fide Math. & Const. 1945.**References:** Proc. Amer. Acad. 26:136. 1891.

**Eryngium pringlei Hemsl. & Rose****Type Status: Isotype****Accession No:** 422349**Bar Code:** 367714**Proofed:** none.**Location:** San Luis Potosi, Mexico. Hacienda de Angostura.**Habitat:** Alkaline meadows.**Collector:** C.G. Pringle #3759.**Date:** 10 July 1891.**Miscellaneous:** Originally identified as *Eryngium depeanum* Ch. & Schl. *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** North Amer. Flora p. 268. 1945.**Lomatium flavum Suksdorf****Type Status: Isotype****Accession No:** 58416**Bar Code:** 373217**Proofed:** none.**Location:** Klickitat County, Washington, USA. Bingen.**Habitat:** On stony or gravelly ground.**Collector:** Wilhelm N. Suksdorf #506.**Date:** 25 April 1902; fr. 22 June 1901.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** *Lomatium macrocarpum* (H. & A.) C. & R., det. Mathias & Constance 1939.**References:** Allg. Bot. Zeitschrift 12:6. 1906.**Lomatium flavum Suksdorf****Type Status: Isotype****Accession No:** 58415**Bar Code:** 373225**Proofed:** none.**Location:** Klickitat County, Washington, USA. Bingen.**Habitat:** On stony or gravelly ground.**Collector:** Wilhelm N. Suksdorf #506.**Date:** 6 April 1901.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** *Lomatium macrocarpum* (H. & A.) C. & R.**References:** Allg. Bot. Zeitschrift 12:6. 1906.**Lomatium junceum Barneby & N. Holmgren****Type Status: Isotype****Accession No:** 351108**Bar Code:** 373233**Proofed:** none.**Location:** Emery County, Utah, USA. San Rafael Swell, ca 2.4 km (1.5 mi) south of San Rafael River crossing, 45 km (28 mi) airline distance west-northwest of Green River (town). TRS: T20S R11E Sec22.**Habitat:** Locally common on gullied hills. 5200 ft. 1580 m.**Collector:** Noel H. Holmgren #8778. With P.K. Holmgren, R.C. Barneby.**Date:** 27 May 1978.**Miscellaneous:** Plants with numerous stems; leaves terete with groove on dorsal side. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Brittonia 31:96. 1979.

**Museniopsis biennis Coult. & Rose****Type Status: Isotype****Accession No:** 422359**Bar Code:** 381442**Proofed:** none.**Location:** Michoacan, Mexico. Hills of Patzcuaro.**Habitat:** Pine woods.**Collector:** C.G. Pringle #4620.**Date:** 25 October 1893.**Miscellaneous:** Originally identified as *Smyrniium aegopodioides* HBK. *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** *Museniopsis biennis* Coult. & Rose, = *Donnellsmithia biennis* (Coult. & Rose) Math. & Const.**References:** Proc. Wash. Acad. 1:130. 1900.**Musineon alpinum J.M. Coult. & Rose****Type Status: Isotype****Accession No:** 422371**Bar Code:** 381459**Proofed:** none.**Location:** Mexico, Mexico. Nevada de Toluca.**Habitat:** Cold summit slopes. 14000 ft.**Collector:** C.G. Pringle #4247.**Date:** 2 September 1892.**Miscellaneous:** Originally identified as *Musenium alpinum* Coult. & Rose. *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** = *Tauschia alpina* (Coult. & Rose) Mathias fide Math. & Const. 1945.**References:** Bot. Gaz. 20:260. 1895.**Musineon pedunculatum A. Nelson****Type Status: Isotype****Accession No:** 332280**Bar Code:** 381467**Proofed:** none.**Location:** Wyoming, USA. Bush Ranch.**Habitat:** In stiff clay soil.**Collector:** Aven Nelson #7093.**Date:** 10 June 1900.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Bull. Torrey Bot. Club 28:225. 1901.**Oreomyrrhis toluicana I.M. Johnston****Type Status: Isotype****Accession No:** 422360**Bar Code:** 391235**Proofed:** none.**Location:** Mexico, Mexico. Bottom of the crater of the Nevada de Toluca.**Habitat:** Growing in close mats in the bottom of the crater. 13500 ft.**Collector:** C.G. Pringle #4236.**Date:** 1 September 1892.**Miscellaneous:** Originally identified as *Oreomyrrhis andina* Endl. *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** none.**References:** J. Arnold Arboretum 19:127. 1938.

**Oreonana purpurascens Shevock & Constance****Type Status: Isotype****Accession No:** 352862**Bar Code:** 391243**Proofed:** none.**Location:** Tulare County, California, USA. Sierra Nevada, Kern River Drainage, Sequoia National Forest, Slate Mountain, along USFS trail 31E14. TRS: T21S R32E Sec19.**Habitat:** Occasional to common along trail on an open metamorphic ridge. 8200 ft.**Collector:** James R. Shevock #5537.**Date:** 14 June 1977.**Miscellaneous:** Originally not identified. Repr. Status: Frt.**Annotations:** *Oreonana purpurascens* Shevock & Constance, det. James R. Shevock & Lincoln Constance, 1979080.**References:** Madroño 26:128-130. 1979.**Oreoxis alpina ssp. puberulenta W.A. Weber****Type Status: Holotype?****Accession No:** 106800**Bar Code:** 391268**Proofed:** none.**Location:** Gunnison County, Colorado, USA. 3 mi. N. of Almont on road to Crested Butte.**Habitat:** Sagebrush hillside. 8500 ft.**Collector:** W.A. Weber #9379.**Date:** 2 August 1955.**Miscellaneous:** Originally identified as *Oreoxis bakeri* C. & R. Repr. Status: Flr & Frt.**Annotations:** *Oreoxis alpina* ssp. *puberulenta* W.A. Weber, ined., TYPUS, det. [W.A. Weber], no date.**References:** Univ. Colorado Stud. Ser. Biol. 7:19. 1961.**Perideridia bacigalupii T.I. Chuang & Constance****Type Status: Isotype****Accession No:** 397589**Bar Code:** 397570**Proofed:** none.**Location:** Nevada County, California, USA. Above Rush Creek 2.3 miles NW of Nevada City.**Habitat:** Reddish soil of road bank and open steep seepage area in *Ceanothus*, *Arctostaphylos*, *Cercis* & *Rhamnus* chaparral, Oak-Pine association. 2000 ft.**Collector:** L. Constance #3761. With T.I. Chuang, R.S. Mitchell & R.A. Schlising.**Date:** 7 September 1965.**Miscellaneous:** Plants up to 1.5 m. tall; fruit dark brown or black, shining, variable in shape. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Univ. Calif. Publ. Bot. 55:36. 1969.**Perideridia bolanderi ssp. involucreta T.I. Chuang & Constance****Type Status: Isotype****Accession No:** 397599**Bar Code:** 397588**Proofed:** none.**Location:** Butte County, California, USA. Road to Magalia 1.8 miles N of Pentz Store.**Habitat:** Rocky volcanic slopes and banks with *Avena*, *Clarkia*, *Brodiaea* & *Eriophyllum*, *Pinus Sabiniana-Quercus Douglasii* woodland. 450 ft.**Collector:** Lincoln Constance #3778. With Tsan-lang Chuang.**Date:** 21 June 1967.**Miscellaneous:** Glaucous; tubers 1 or 2, sweet. n = 19. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Univ. Calif. Publ. Bot. 55:47. 1969.

<b>Perideridia leptocarpa T.I. Chuang &amp; Constance</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 397611	<b>Bar Code:</b> 397596	<b>Proofed:</b> none.
<b>Location:</b> Siskiyou County, California, USA. West-facing slopes above Trinity River 5 miles north-west of Cecilville.		
<b>Habitat:</b> Green serpentine with <i>Pinus ponderosa</i> , <i>P. Sabiniana</i> , <i>Quercus Kelloggii</i> , <i>Calocedrus</i> , <i>Ceanthus</i> , <i>Cercocarpus</i> , <i>Arctostaphylos</i> , <i>Crepis</i> , <i>Monardella</i> , and bunchgrass. 2500 ft.		
<b>Collector:</b> L. Constance #3768. With T.I. & Fei-Mei Chuang, M. Sousa S..		
<b>Date:</b> 15 June 1966.		
<b>Miscellaneous:</b> Stem a little glaucous, from 2 or 3 shallow very sweet tubers; umbels flat or concave yellowish-green. n = 17. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Univ. Calif. Publ. Bot. 55:51. 1969.		
<b>Pimpinella mexicana B.L. Robinson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422361	<b>Bar Code:</b> 405563	<b>Proofed:</b> none.
<b>Location:</b> Michoacan, Mexico. Hills of Patzcuaro.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #3331.		
<b>Date:</b> 16 November 1890.		
<b>Miscellaneous:</b> <i>Plantae Mexicanae</i> . Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> = <i>Donnellsmithia mexicana</i> (B.L. Rob.) Math. & Const., fide Math. & Const. 1945.		
<b>References:</b> Proc. Amer. Acad. 26:164. 1891.		
<b>Podistera eastwoodae (C. &amp; R.) Math. &amp; Const.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 41585	<b>Bar Code:</b> 405670	<b>Proofed:</b> none.
<b>Location:</b> Colorado, USA. La Plata Mts., Cumberland Mine.		
<b>Habitat:</b> none.		
<b>Collector:</b> Alice Eastwood #sn.		
<b>Date:</b> July 1890.		
<b>Miscellaneous:</b> Originally identified as <i>Oreoxis alpina</i> Raf. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Bull. Torrey Bot. Club 69:247. 1942.		
<b>Prinosciadium cuneatum J.M. Coult. &amp; Rose</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422365	<b>Bar Code:</b> 405993	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Barranca near Guadalajara.		
<b>Habitat:</b> Cool grassy slopes of barranca.		
<b>Collector:</b> C.G. Pringle #3868.		
<b>Date:</b> 12 September 1891.		
<b>Miscellaneous:</b> Stems 6 to 8 feet, glaucous. <i>Plantae Mexicanae</i> . Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Wash. Acad. Sci. 1: 149. 1900		



**Prinosciadium mexicanum var. acuminatum B.L. Rob. in Urbina** Type Status: **Isotype****Accession No:** 422341      **Bar Code:** 406009      **Proofed:** none.**Location:** Jalisco, Mexico. Bluffs of barranca near Guadalajara.**Habitat:** none.**Collector:** C.G. Pringle #3864.**Date:** 12 September 1891.**Miscellaneous:** 4-6 feet high. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Cat. Pl. Mexic. 108. 1897**Pseudocymopterus montanus var. multifidus Rydberg** Type Status: **Isosyntype****Accession No:** 269514      **Bar Code:** 406025      **Proofed:** none.**Location:** Colorado, USA. Ironton Park.**Habitat:** none.**Collector:** L.M. Underwood #358. With A.D. Selby.**Date:** 11 September 1901.**Miscellaneous:** Originally identified as Pseudocymopterus. Repr. Status: Flr.**Annotations:** Pseudocymopterus montanus var. multifidus Rydberg, Isosyntype, det. Roland G. Hawk & Ronald L. Stuckey, 1971.**References:** Bull. Torrey Bot. Club 31:574. 1904.**Pseudocymopterus sylvaticus A. Nelson** Type Status: **?****Accession No:** 41878      **Bar Code:** 406033      **Proofed:** none.**Location:** Albany County, Wyoming, USA. Tie City.**Habitat:** Wooded, wet bottom lands.**Collector:** Aven Nelson #7667.**Date:** 20 July 1900.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Bull. Torrey Bot. Club 28:224. 1901.**Rhodosciadium pringlei S. Watson** Type Status: **Isotype****Accession No:** 422343      **Bar Code:** 406223      **Proofed:** none.**Location:** Jalisco, Mexico. Barranca near Guadalajara.**Habitat:** Grassy slopes of barranca.**Collector:** C.G. Pringle #3869.**Date:** 17 September 1891.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 25: 151. 1890.

**Sanicula deserticola C.R. Bell****Type Status: Isotype****Accession No:** 83525**Bar Code:** 406520**Proofed:** none.**Location:** Baja California, Mexico. Baja California, Norte. Frequent in one small area of the desert near Las Lomas Amarillas. On red, rocky slopes 6 miles north of American Smelter Company mine (which is 4.4 miles northwest of Rancho Arenoso).**Habitat:** With Salvia, Agave, Echinocactus and Franseria. On red, rocky slopes.**Collector:** C. Ritchie Bell #1355. With Sarah F. Bell.**Date:** 4 February 1953.**Miscellaneous:** "Yerba de la Vivora". Voucher for documentation of chromosome count; n=8. Voucher specimen, Bell, C.R., The Sanicula crassicaulis complex (Umbelliferae) - a study of variation and polyploidy. Repr. Status: Veg.**Annotations:** none.**References:** Univ. Calif. Publ. Bot. 27: 143. 1954.**Tauschia allioides Bye & Constance****Type Status: Holotype****Accession No:** 311052**Bar Code:** 408302**Proofed:** none.**Location:** Chihuahua, Mexico. Mpio. De Bocoyna, E of Gonogochic.**Habitat:** In llano in pine-oak forest; in Quercus scrub and under isolated Pinus ponderosa. 2225 m.**Collector:** Robert Bye #7936.**Date:** 12 August 1977.**Miscellaneous:** Fruit red. Originally identified as Tauschia. Repr. Status: Flr & Frt.**Annotations:** Tauschia allioides Bye & Constance, det. W.A. Weber 1978.**References:** Madroño 26: 44. 1979.**Tauschia allioides Bye & Constance****Type Status: Isotype****Accession No:** 311051**Bar Code:** 408310**Proofed:** none.**Location:** Chihuahua, Mexico. Mpio. De Bocoyna, E of Gonogochic.**Habitat:** In llano in pine-oak forest; in Quercus scrub and under isolated Pinus ponderosa. 2225 m.**Collector:** Robert Bye #7936.**Date:** 12 August 1977.**Miscellaneous:** Fruit red. Originally identified as Tauschia. Repr. Status: Flr & Frt.**Annotations:** Tauschia allioides Bye & Constance, det. W.A. Weber 1978.**References:** Madroño 26: 44. 1979.

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<b>Family: Araliaceae</b>		
<b>Oreopanax jaliscana S. Watson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423748	<b>Bar Code:</b> 391250	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. The barranca near Guadalajara.		
<b>Habitat:</b> Cool slopes of barranca.		
<b>Collector:</b> C.G. Pringle #1822.		
<b>Date:</b> 3 December 1888.		
<b>Miscellaneous:</b> A small tree 20 feet high. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 25:151. 1890.		
<b>Family: Asclepiadaceae</b>		
<b>Asclepias jaliscana Rob.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423727	<b>Bar Code:</b> 348078	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Near Guadalajara.		
<b>Habitat:</b> Dry soil, plains and hills.		
<b>Collector:</b> C.G. Pringle #4444.		
<b>Date:</b> July 1893.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> Asclepias contrayerba Sesse & Moc., det. C.W.T. Penland 1958.		
<b>References:</b> Proc. Amer. Acad. 29:318. 1894.		
<b>Asclepias tithymaloides Greene</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423725	<b>Bar Code:</b> 348086	<b>Proofed:</b> none.
<b>Location:</b> San Luis Potosi, Mexico. Las Palmas.		
<b>Habitat:</b> Dry limestone ledges.		
<b>Collector:</b> C.G. Pringle #3786.		
<b>Date:</b> 25 July 1891.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Originally identified as Asclepias. Repr. Status: Flr & Frt.		
<b>Annotations:</b> Asclepias coulteri A. Gray, det. C.W.T. Penland 1958. / Asclepias coulteri A. Gray, det. Steven P. Lynch, Jan. 1994. / Asclepias tithymaloides Greene, det. S.P. Lynch, May 1994.		
<b>References:</b> Erythea 1:151. 1893.		

**Asclepias welshii N. Holmgren & P. Holmgren****Type Status: Isotype****Accession No:** 351111**Bar Code:** 348094**Proofed:** none.**Location:** Kane County, Utah, USA. Near north end of Coral Pink Sand Dunes, 10.6 km (6.6 mi) southwest of U.S. Highway 89, along road past Ponderosa Grove Campground. TRS: T43S R7W Sec8.**Habitat:** Locally common on sand dune with scattered Wyethia, sagebrush and juniper. 6200 ft. 1900 m.**Collector:** Noel H. Holmgren #9009. With Patricia K. Holmgren.**Date:** 20 June 1978.**Miscellaneous:** Stems erect or ascending horiz. to vert. undergrnd. root, few to several in cluster; lvs. densely woolly pubescent at first becoming glabrous, esp. beneath; umbel so tight corolla lobes cannot become truly reflexed; sepals curved upward thru clefts. . . . Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 31:110. 1979.**Gonolobus jaliscensis Rob. & Greenm.****Type Status: Isotype****Accession No:** 423760**Bar Code:** 368415**Proofed:** none.**Location:** Jalisco, Mexico. Hills near Guadalajara.**Habitat:** Dry rocky hills.**Collector:** C.G. Pringle #4402.**Date:** 21 June 1893.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = Vincetoxicum jaliscense Standl.**References:** Proc. Amer. Acad. 29:389. 1894.**Gonolobus stenopetalus A. Gray****Type Status: Isotype****Accession No:** 423765**Bar Code:** 368423**Proofed:** none.**Location:** Chihuahua, Mexico. Hills near Chihuahua.**Habitat:** Shady nooks of cliffs and ledges, rocky hills.**Collector:** C.G. Pringle #696.**Date:** August 1885.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = Matelea johnstonii Shinnars.**References:** Proc. Amer. Acad. 21:398. 1886.**Marsdenia pringlei S. Watson****Type Status: Isotype****Accession No:** 423758**Bar Code:** 378083**Proofed:** none.**Location:** Nuevo Leon, Mexico. Sierra de la Silla near Monterey.**Habitat:** none.**Collector:** C.G. Pringle #2531.**Date:** 3 June 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 25:158. 1890.

**Metastelma multiflorum S. Watson****Type Status: Isotype****Accession No:** 423743      **Bar Code:** 378216      **Proofed:** none.**Location:** Jalisco, Mexico. Ravines near Guadalajara.**Habitat:** Twining over shrubs in ravines.**Collector:** C.G. Pringle #1776.**Date:** 5 November 1888.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 25:158. 1890.**Pherotrochis leptogenia B.L. Robinson****Type Status: Isotype****Accession No:** 423756      **Bar Code:** 405316      **Proofed:** none.**Location:** Jalisco, Mexico. Near Guadalajara.**Habitat:** Dry slopes.**Collector:** C.G. Pringle #4466.**Date:** 25 July 1893.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = Matelea leptogenia Woodson.**References:** Proc. Amer. Acad. 29:319. 1894.**Family: Aspleniaceae****Aspidium scabriusculum Davenport****Type Status: ?****Accession No:** 424348      **Bar Code:** 348128      **Proofed:** none.**Location:** Vera Cruz, Mexico. Ravines above Orizaba.**Habitat:** Ravines.**Collector:** C.G. Pringle #6132.**Date:** 6 February 1895.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984.**Annotations:** = Dryopteris davenportii Christ.**References:** Bot. Gaz. 21:255. 1896.**Aspidium strigillosum Davenport****Type Status: Isotype****Accession No:** 424365      **Bar Code:** 348136      **Proofed:** none.**Location:** Vera Cruz, Mexico. Barranca of Metlac.**Habitat:** Dry calcareous cliffs. 3000 ft.**Collector:** C.G. Pringle #6077.**Date:** 29 January 1895.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984.**Annotations:** Ctenitis strigillosum (Davenport) Copeland, det. C.W.T. Penland 1965.**References:** Bot. Gaz. 21:256. 1896.

**Asplenium fibrillosum Pringle & Davenport****Type Status: Isotype****Accession No:** 424377      **Bar Code:** 348144      **Proofed:** none.**Location:** Morelos, Mexico. Canyons above Cuernavaca.**Habitat:** Mossy banks. 5500 ft.**Collector:** C.G. Pringle #6191.**Date:** 21 November 1895.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984.**Annotations:** none.**References:** Bot. Gaz. 21:257. 1896.**Asplenium pringlei Davenport****Type Status: Isotype****Accession No:** 424381      **Bar Code:** 348151      **Proofed:** none.**Location:** Jalisco, Mexico. Near Guadalajara.**Habitat:** Wet cliffs.**Collector:** C.G. Pringle #1837.**Date:** 5 December 1888.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984.**Annotations:** none.**References:** Garden & Forest 4:449. 1891.**Dryopteris maxonii Underwood****Type Status: ?****Accession No:** 772      **Bar Code:** 363051      **Proofed:** none.**Location:** Michoacan, Mexico. Coru Station.**Habitat:** Ledges. 6500 ft.**Collector:** C.G. Pringle #8846.**Date:** 12 October 1904.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984.**Annotations:** none.**References:** Amer. Fern Journal 1:96. 1911.**Family: Asteraceae****Achaetogeron linearifolius S. Watson****Type Status: Isotype****Accession No:** 422507      **Bar Code:** 339606      **Proofed:** none.**Location:** Mexico, Mexico. Flor de Maria.**Habitat:** Bluffs and plains.**Collector:** C.G. Pringle #3242.**Date:** 4 September 1890.**Miscellaneous:** Plantae Mexicanae. Gift to Herbarium COLO from Colorado College 1984. Repr. Status: Flr.**Annotations:** = Erigeron janivultus Nesom, nom. nov.**References:** Proc. Amer. Acad. 26:139. 1891.

**Achaetogeron pinnatifidum Gray****Type Status: Isotype****Accession No:** 422508**Bar Code:** 339614**Proofed:** none.**Location:** Chihuahua, Mexico. Near Chihuahua.**Habitat:** Cool grassy slopes, rocky hills.**Collector:** C.G. Pringle #303.**Date:** 19 October 1885.**Miscellaneous:** Plantae Mexicanae. Gift to Herbarium COLO from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 21:386. 1886.**Achaetogeron versicolor Greenm.****Type Status: ?****Accession No:** 149754**Bar Code:** 339622**Proofed:** none.**Location:** Hidalgo, Mexico. Near Buena Vista Station.**Habitat:** Meadows. 8300 ft.**Collector:** C.G. Pringle #8849.**Date:** 7 August 1904.**Miscellaneous:** Plantae Mexicanae. Duplicate of Accession No. 169491. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 41:255. 1905.**Achaetogeron versicolor Greenm.****Type Status: ?****Accession No:** 169491**Bar Code:** 339630**Proofed:** none.**Location:** Hidalgo, Mexico. Near Buena Vista Station.**Habitat:** Meadows. 8300 ft.**Collector:** C.G. Pringle #8849.**Date:** 7 August 1904.**Miscellaneous:** Plantae Mexicanae. Duplicate of Accession No. 149754. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 41:255. 1905.**Achillea millefolium ssp. atrotegula var. nigrescens (Meyer) Stat.****Type Status: Paratype****Accession No:** 56806**Bar Code:** 339655**Proofed:** none.**Location:** Manitoba, Canada. Fort Churchill. 94° 05' W Lat. 57° 45' N Long.**Habitat:** Common in roadside gravel.**Collector:** J.M. Gillett #2100.**Date:** 15 July 1948.**Miscellaneous:** Flowers white. ID Det. B. Boivin 1948. Repr. Status: Flr.**Annotations:** none.**References:** Canadian Field Naturalist 65:10. 1951 (ssp. atrotegula),

**Achillea millefolium ssp. atrotregula var. parvula** **Type Status: Isotype****Accession No:** 56805 **Bar Code:** 339648 **Proofed:** none.**Location:** Manitoba, Canada. Fort Churchill. 94° 05' W Lat. 57° 45' N Long.**Habitat:** Erect in small patches on sand beach.**Collector:** J.M. Gillett #2038.**Date:** 9 July 1948.**Miscellaneous:** Flowers white. ID Det. B. Boivin 1948. Repr. Status: Flr.**Annotations:** none.**References:** Canadian Field Naturalist 65:10. 1951 (ssp. atrotregula), and Canadian Field Naturalist 65:11. 1951 (var. parvula).**Agoseris attenuata Rydberg** **Type Status: Isotype****Accession No:** 321178 **Bar Code:** 339754 **Proofed:** none.**Location:** Colorado, USA. Summits of mountains west of North Park.**Habitat:** Summits of mountains.**Collector:** G.E. Osterhout #2248.**Date:** 27 August 1900.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Bull. Torrey Bot. Club 32:136. 1905.**Agoseris rostrata Rydberg** **Type Status: Isotype****Accession No:** 321171 **Bar Code:** 339762 **Proofed:** none.**Location:** Colorado, USA. Near Boulder.**Habitat:** none.**Collector:** G.E. Osterhout #2478.**Date:** 17 July 1901.**Miscellaneous:** none. Repr. Status: Frt.**Annotations:** none.**References:** Bull. Torrey Bot. Club 21:136. 1905.**Antennaria soliceps Blake** **Type Status: Isotype****Accession No:** 58147 **Bar Code:** 342519 **Proofed:** none.**Location:** Clark County, Nevada, USA. Charleston Mountains. Ridge near peak.**Habitat:** Gravelly open slope with *Pinus aristata*. 3350 m.**Collector:** I.W. Clokey #7459. With R. Bean.**Date:** 18 July 1937.**Miscellaneous:** Duplicate det. by S.F. Blake. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Biol. Soc. Wash. 51:7. 1938.



**Arnica celsa Aven Nelson****Type Status: Isotype****Accession No:** 6108**Bar Code:** 347989**Proofed:** none.**Location:** Albany County, Wyoming, USA. Tie City.**Habitat:** In a wet native meadow, growing in great profusion.**Collector:** Aven Nelson #7643.**Date:** 20 July 1900.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** = *Arnica chamissonis* ssp. *foliosa* (Nutt.) Mag.**References:** Bot. Gaz. 31:408. 1901.**Arnica sanhedrensis Rydberg****Type Status: Isotype****Accession No:** 134692**Bar Code:** 347997**Proofed:** none.**Location:** Lake County, California, USA. Foothills south of Mt. Sanhedrin, midway between Potter Valley and Hullville.**Habitat:** Foothills.**Collector:** A.A. Heller #5985.**Date:** 25 July 1902.**Miscellaneous:** Originally identified as *Arnica discoidea* Benth. Repr. Status: Flr & Frt.**Annotations:** *Arnica parviflora* Gray ssp. *alata* (Rydb.) Maguire, det. Bassett Maguire 1940.**References:** N. Am. Fl. 34:342. 1927.**Artemisia coloradensis Osterhout****Type Status: Isotype****Accession No:** 6367**Bar Code:** 348003**Proofed:** none.**Location:** Larimer County, Colorado, USA. Dale Creek.**Habitat:** none.**Collector:** Geo. E. Osterhout #2010.**Date:** 7 September 1899.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** = *Artemisia carruthii* Wood ex Carruth. according to Keck, Proc. Cal. Acad. 25:438-40. 1946.**References:** Bull. Torr. Bot. Club 27:506. 1900.**Artemisia dracunculina S. Watson****Type Status: Isotype****Accession No:** 422514**Bar Code:** 348029**Proofed:** none.**Location:** Chihuahua, Mexico. Sierra Madre.**Habitat:** Under calcareous cliffs.**Collector:** C.G. Pringle #1309.**Date:** 18 October 1887.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** *Artemisia dracunculus* L. ssp. *dracunculina* (Wats.) Hall & Clem., det. C.W.T. Penland 1938.**References:** Proc. Amer. Acad. 23:279. 1888.

**Artemisia papposa Blake & Cronquist****Type Status: Isotype****Accession No:** 52155**Bar Code:** 348011**Proofed:** none.**Location:** Owyhee County, Idaho, USA. 5 miles SW of Mud Flat on road to Juniper Mountain. Snake River Drainage.**Habitat:** Frequent, stony soil in stream bed, sagebrush-juniper slopes.**Collector:** Bassett Maguire #26312. With Arthur H. Holmgren.**Date:** 7 June 1946.**Miscellaneous:** Originally identified as *Artemisia frigida* Willd. Repr. Status: Flr.**Annotations:** *Artemisia papposa* Blake & Cronquist, det. W.A. Weber 1985.**References:** Lfl. West. Bot. 6:43. 1950.**Artemisia porteri Cronquist****Type Status: Isotype****Accession No:** 61214**Bar Code:** 348037**Proofed:** none.**Location:** Fremont County, Wyoming, USA. About 10 miles east of Sand Draw Oil Field and 40 miles southeast of Riverton.**Habitat:** Forming mats on dry, loose, shaley soil in the desert. 6000 ft.**Collector:** C.L. Porter #4969.**Date:** 6 July 1949.**Miscellaneous:** Plants very aromatic. ID det. Arthur Cronquist. Repr. Status: Flr.**Annotations:** none.**References:** Madroño 11:145. 1951.**Artemisia spiciformis var. longiloba Osterhout****Type Status: Isotype****Accession No:** 321167**Bar Code:** 348045**Proofed:** none.**Location:** Grand County, Colorado, USA. Sulphur Springs.**Habitat:** none.**Collector:** Geo. E. Osterhout #3592.**Date:** 8 August 1907.**Miscellaneous:** var. nov. Repr. Status: Flr.**Annotations:** none.**References:** Muhlenbergia 4:69. 1908.**Artemisia underwoodii Rydberg****Type Status: Isotype****Accession No:** 269515**Bar Code:** 348052**Proofed:** none.**Location:** Ouray County, Colorado, USA. Ouray.**Habitat:** Dry bank. 8400 ft.**Collector:** L.M. Underwood #74. With A.D. Selby.**Date:** 17 September 1901..**Miscellaneous:** Originally identified as *Artemisia*. Ht. 2 ft. Repr. Status: Flr.**Annotations:** *Artemisia underwoodii* Rydberg, det. Roland G. Hawk & Ronald L. Stuckey 1971.**References:** Bull. Torr. Bot. Club 32:129. 1905.

**Artemisia underwoodii Rydberg****Type Status: Paratype****Accession No:** 269510**Bar Code:** 348060**Proofed:** none.**Location:** Ouray County, Colorado, USA. Ouray.**Habitat:** Shaded ravine. 8400 ft.**Collector:** L.M. Underwood #34. With A.D. Selby.**Date:** 7 September 1901..**Miscellaneous:** Originally identified as Artemisia. Ht. 2 ft. Repr. Status: Flr.**Annotations:** Artemisia underwoodii Rydberg, det. Roland G. Hawk & Ronald L. Stuckey 1971.**References:** Bull. Torr. Bot. Club 32:129. 1905.**Aster bernardinus Hall.****Type Status: Isotype****Accession No:** 104170**Bar Code:** 348177**Proofed:** none.**Location:** California, USA. Vicinity of San Bernardino.**Habitat:** In meadows, Upper Sonoran Zone. 300 m.**Collector:** S.B. Parish #5543.**Date:** 5 September 1905.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Univ. Calif. Publ. Bot. 3:79. 1907.**Aster grayi Suksdorf****Type Status: ?****Accession No:** 286248**Bar Code:** 348185**Proofed:** none.**Location:** Klickitat County, Washington, USA. Bank of Holmes Creek near Laurel.**Habitat:** Bank of creek.**Collector:** Wilhelm Suksdorf #12062.**Date:** 22 August 1926.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** Aster subspicatus var. grayi (Suksd.) Cronq., det. R. Taylor 1962.**References:** Werdenda 1:41. 1927.**Aster humistratus Gandoger****Type Status: Isolectotype****Accession No:** 286245**Bar Code:** 348193**Proofed:** none.**Location:** Oregon, USA. Near Dalles City.**Habitat:** Damp, alkaline soil.**Collector:** Wilhelm N. Suksdorf #663.**Date:** 4 June 1905.**Miscellaneous:** Originally identified as Aster frondosus (Nutt.) T. & G. Repr. Status: Flr & Frt.**Annotations:** Aster frondosus (Nutt.) T. & G.; Isolectotype A. humistratus Gand., det. Francine Houle 1987.**References:** Bull. Soc. Bot. France 65:39. 1918.

**Aster incertus A. Nelson****Type Status: Isotype****Accession No:** 6967**Bar Code:** 348201**Proofed:** none.**Location:** Albany County, Wyoming, USA. Telephone Mines.**Habitat:** Loose, gravelly slopes.**Collector:** Aven Nelson #7924.**Date:** 2 August 1900.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** = *Aster foliaceus* var. *apricus* Gray, fide Cronquist.**References:** Bot. Gaz. 37:259. 1904.**Aster nelsonii E. Greene****Type Status: Isotype****Accession No:** 332338**Bar Code:** 348219**Proofed:** none.**Location:** Wyoming, USA. Fisher's Ranch.**Habitat:** none.**Collector:** Aven Nelson #5326.**Date:** 13 September 1898.**Miscellaneous:** Originally not identified. Repr. Status: Flr & Frt.**Annotations:** *Aster chilensis* adscendens, det. W.A. Weber, no date. / This is an isotype of *Aster nelsonii* E. Greene; = *Aster* near *ascendens* Lindl. in Hookl, with infl. of *A. eatonii* (A. Gray) Howell, det. Almut G. Jones 1985.**References:** Pittonia 4:219. 1900.**Aster underwoodii Rydberg****Type Status: Isotype****Accession No:** 269505**Bar Code:** 348227**Proofed:** none.**Location:** Ouray County, Colorado, USA. Ironton Park.**Habitat:** none. 9000 ft.**Collector:** L.M. Underwood #318. With A.D. Selby.**Date:** 11 September 1901.**Miscellaneous:** Originally identified as *Aster*. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Bull. Torr. Bot. Club 31:654. 1904.**Balsamorhiza sericea W.A. Weber****Type Status: Holotype****Accession No:** 277280**Bar Code:** 350934**Proofed:** none.**Location:** Josephine County, Oregon, USA. 2 mi SW of O'Brien along Little Rock Creek.**Habitat:** In coarse cobble of dry streamside. 1500 ft.**Collector:** W.A. Weber #8364.**Date:** 13 May 1953.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Phytologia 50:358. 1982.

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<b>Balsamorhiza sericea W.A. Weber</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 277280	<b>Bar Code:</b> 846493	<b>Proofed:</b> none.
<b>Location:</b> Josephine County, Oregon, USA. 2 mi SW of O'Brien along Little Rock Creek.		
<b>Habitat:</b> In coarse cobble of dry streamside. 1500 ft.		
<b>Collector:</b> W.A. Weber #8364.		
<b>Date:</b> 13 May 1953.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> Isotype, <i>Balsamorhiza sericea</i> W.A. Weber, det. W.A. Weber 1982. / <i>Balsamorhiza sericea</i> W.A. Weber, det. W.A. Weber, September 17, 1997.		
<b>References:</b> <i>Phytologia</i> 50:358. 1982.		
<b>Barroetia subuligera var. latisquama Greenman</b>		<b>Type Status: Isotype?</b>
<b>Accession No:</b> 148796	<b>Bar Code:</b> 350967	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Hills above Etzatlan.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #8773.		
<b>Date:</b> 27 October 1903.		
<b>Miscellaneous:</b> <i>Plantae Mexicanae</i> . n. var. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> <i>Proc. Amer. Acad.</i> 40:35. 1904.		
<b>Bidens inermis S. Watson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422475	<b>Bar Code:</b> 352112	<b>Proofed:</b> none.
<b>Location:</b> Chihuahua, Mexico. Arroyo Aucho, Sierra Madre.		
<b>Habitat:</b> Thin soil of ledges		
<b>Collector:</b> C.G. Pringle #1291.		
<b>Date:</b> 14 October 1887.		
<b>Miscellaneous:</b> <i>Plantae Mexicanae</i> . Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> = <i>Bidens pilosa</i> var. <i>bimucronata</i> f. <i>odorata</i> (Cav.) Sherff, fide Sherff, <i>N. Am. Fl.</i>		
<b>References:</b> <i>Proc. Amer. Acad.</i> 23:278. 1888.		
<b>Bidens ludens Gray</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422471	<b>Bar Code:</b> 352120	<b>Proofed:</b> none.
<b>Location:</b> Chihuahua, Mexico. Mountains near Chihuahua.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #757.		
<b>Date:</b> 3 October 1886.		
<b>Miscellaneous:</b> <i>Plantae Mexicanae</i> . Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> = <i>Bidens ferulifolia</i> var. <i>ludens</i> (Gray) Sherff.		
<b>References:</b> <i>Proc. Amer. Acad.</i> 21:390. 1886.		

**Bigelowia pyramidata Robinson & Greenman****Type Status: Isotype****Accession No:** 422996**Bar Code:** 352138**Proofed:** none.**Location:** Oaxaca, Mexico. Hills above Oaxaca.**Habitat:** none. 5500 ft.**Collector:** C.G. Pringle #6048.**Date:** 16 November 1894.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. 2-3 ft. Repr. Status: Frt.**Annotations:** = Baccharis pyramidata Rzedowski.**References:** Proc. Amer. Acad. 32:43. 1896.**Brickellia solidaginifolia Gray****Type Status: Isotype****Accession No:** 423139**Bar Code:** 352229**Proofed:** none.**Location:** Chihuahua, Mexico. Mapula Mts.**Habitat:** Dry cool slopes.**Collector:** C.G. Pringle #744.**Date:** 21 October 1886.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = Asanthus solidaginifolius King & Robinson.**References:** Proc. Amer. Acad. 22:306. 1887.**Cacalia peltata var. konzattii Robinson & Greenman****Type Status: Isotype****Accession No:** 423109**Bar Code:** 352294**Proofed:** none.**Location:** Oaxaca, Mexico. Sierra de San Felipe.**Habitat:** none. 10000 ft.**Collector:** C.G. Pringle #423109.**Date:** 13 December 1895.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = Psacalium peltatum var. konzattii Pippen.**References:** Proc. Amer. Acad. 32:49. 1896.**Cacalia pringlei S. Watson****Type Status: Isotype****Accession No:** 423115**Bar Code:** 352302**Proofed:** none.**Location:** Jalisco, Mexico. The barranca near Guadalajara.**Habitat:** Grassy slopes of barranca.**Collector:** C.G. Pringle #1811.**Date:** 5 November 1888.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = Psacalium pringlei H. Rob. & Brettell.**References:** Proc. Amer. Acad. 25:156. 1890.

**Calhounia nelsonae A. Nelson****Type Status: Isotype****Accession No:** 55134      **Bar Code:** 356311      **Proofed:** none.**Location:** Arizona, USA. Baboquivari Mts.**Habitat:** Frequent, rocky slopes.**Collector:** Herbert C. Hanson #1023. With Eda Ege Hanson.**Date:** 24 February 1923.**Miscellaneous:** ID det. A. Nelson. Repr. Status: Flr.**Annotations:** = *Lagascea decipiens* Hemsl.**References:** Univ. Wyo. Publ. Bot. 1:55. 1924.**Calycadenia multiglandulosa ssp. robusta Keck****Type Status: ?****Accession No:** 60673      **Bar Code:** 356410      **Proofed:** none.**Location:** Santa Clara County, California, USA. East flank of Mount Hamilton, 1 mile W. of Isabel Creek, on the San Antonio road.**Habitat:** East-facing gravel-clay slope. 2200 ft.**Collector:** David D. Keck #2486. With Palmer Stockwell.**Date:** 22 August 1933.**Miscellaneous:** Subsp. nov. Ray florets 3,4,3,3,3,4; disk florets 10,10,6,9,7,12 (terminal head). Adjacent to 2484. Repr. Status: Flr.**Annotations:** none.**References:** Aliso 4:113. 1958.**Chaenactis scaposa Eastwood****Type Status: Isotype****Accession No:** 507700      **Bar Code:** 356758      **Proofed:** none.**Location:** Mesa County, Colorado, USA. Grand Junction.**Habitat:** none.**Collector:** Alice Eastwood #sn.**Date:** May 1891.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Zoe 2:231. 1891.**Chrysactinia pinnata S. Watson****Type Status: Isotype****Accession No:** 422992      **Bar Code:** 356816      **Proofed:** none.**Location:** Nuevo Leon, Mexico. Mountains near Monterey.**Habitat:** Limestone ledges of mountains.**Collector:** C.G. Pringle #2524.**Date:** 28 May 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 25:154. 1890.

**Chrysactinia truncata S. Watson****Type Status: Isotype****Accession No:** 422993**Bar Code:** 356824**Proofed:** none.**Location:** Nuevo Leon, Mexico. Sierra de la Silla.**Habitat:** Summit ledges.**Collector:** C.G. Pringle #2601.**Date:** 5 June 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 25:154. 1890.**Chrysopsis arenaria Elmer****Type Status: Isotype****Accession No:** 7818**Bar Code:** 356840**Proofed:** none.**Location:** California, USA. Point Reyes P. [O.?]**Habitat:** none.**Collector:** A.D.E. Elmer #4556.**Date:** July 1903.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** = *Heterotheca bolanderi* (Gray) Harms, det. V.L. Harms 1963.**References:** Bot. Gaz. 41:321. 1906.**Chrysopsis arida A. Nelson****Type Status: ?****Accession No:** 7832**Bar Code:** 356857**Proofed:** none.**Location:** Carbon County, Wyoming, USA. Slater, Colo.-Wyo. line.**Habitat:** Open, gravelly hillsides.**Collector:** Leslie N. Goodding #1738.**Date:** 31 July 1903.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Rydberg, Flora Colorado p. 339, 340. 1906.**Chrysopsis resinolens A. Nelson****Type Status: ?****Accession No:** 332281**Bar Code:** 356865**Proofed:** none.**Location:** Albany County, Wyoming, USA. Laramie Peak.**Habitat:** Moist mountain valleys.**Collector:** Aven Nelson #7583.**Date:** 13 July 1900.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Bull. Torr. Bot. Club 28:232. 1901.



**Chrysopsis resinolens A. Nelson****Type Status: ?****Accession No:** 7907      **Bar Code:** 356873      **Proofed:** none.**Location:** Albany County, Wyoming, USA. Laramie Peak.**Habitat:** Moist mountain valleys.**Collector:** Aven Nelson #7583.**Date:** 13 July 1900.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** = *Heterotheca fulcrata* (Greene) Shinnery, det. V.L. Harms 1963.**References:** Bull. Torr. Bot. Club 28:232. 1901.**Chrysothamnus nauseosus var. nanus Cronquist****Type Status: Isotype****Accession No:** 76962      **Bar Code:** 356899      **Proofed:** none.**Location:** Asotin County, Washington, USA. At south rim of Blue Mts., about 2 miles west of Big Butte and 10 miles west of Anatone. TRS: T7N R44E Sec4.**Habitat:** Low broad clumps 2-3 dm tall, on rocky flat. 5000 ft.**Collector:** Arthur Cronquist #6812. With Sherman Preece.**Date:** 24 September 1950.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** *Chrysothamnus nauseosus* (Pallas) Britt. ssp. *nanus* (Cronq.) Keck, det. Loran C. Anderson 1980.**References:** Vasc. Pl. Pacif. NW 5:129. 1955.**Cirsium aridum Dorn****Type Status: Isotype****Accession No:** 454432      **Bar Code:** 356907      **Proofed:** none.**Location:** Fremont County, Wyoming, USA. 6 mi. N of Sweetwater Sta. TRS: T31N R95W Sec27 SW¼ & Sec34 NW¼.**Habitat:** Barren chalky hills with *Ivesia*, *Cryptantha*. 6700 ft.**Collector:** R. Dorn #5105.**Date:** 26 July 1990.**Miscellaneous:** Corolla lavender. Repr. Status: Flr.**Annotations:** none.**References:** Vasc. Pl. Wyo. 2:304. 1992.**Cirsium vergelense Nesom****Type Status: Isotype****Accession No:** 441429      **Bar Code:** 425918      **Proofed:** none.**Location:** Chihuahua, Mexico. Mpio. San Pablo Balleza, bridge crossing of Rio Verde, 21 mi SW of El Vergel, SW of Parral. South side of river in deep barranca. 26° 17' N Lat. 106° 29' W Long.**Habitat:** Scattered at base of talus slope, below steep rock face. 2200 m.**Collector:** Guy Nesom #6446. With Andy McDonald.**Date:** 19 August 1988.**Miscellaneous:** Plants 0.8-1.5 m tall. Repr. Status: Flr.**Annotations:** none.**References:** Ined. (Name not in Gray Card Index or Index Kewensis.)

**Cnicus excelsior Robinson****Type Status: Isotype****Accession No:** 422999**Bar Code:** 357731**Proofed:** none.**Location:** San Luis Potosi, Mexico. Hacienda de Angostura.**Habitat:** Amongst shrubs, low lands.**Collector:** C.G. Pringle #3768.**Date:** 11 July 1891.**Miscellaneous:** 6-10 feet high. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = *Cirsium excelsius* Petrak.**References:** Proc. Amer. Acad. 27:179. 1892.**Cnicus linearifolius S. Watson****Type Status: Isotype****Accession No:** 423010**Bar Code:** 357749**Proofed:** none.**Location:** Federal District, Mexico. Beside the city of Mexico.**Habitat:** Low meadows.**Collector:** C.G. Pringle #3145.**Date:** 27 August 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** *Cirsium lomatolepis* Hemsl., det. C.W.T. Penland 1955.**References:** Proc. Amer. Acad. 26:143. 1891.**Cnicus pringlei S. Watson****Type Status: Isotype****Accession No:** 423005**Bar Code:** 357756**Proofed:** none.**Location:** Nuevo Leon, Mexico. Sierra Madre near Monterey.**Habitat:** none.**Collector:** C.G. Pringle #2507.**Date:** 17 June 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = *Cirsium pringlei* Petrak.**References:** Proc. Amer. Acad. 25:156. 1890.**Cnicus tolucanus Rob. & Sea.****Type Status: Isotype****Accession No:** 423008**Bar Code:** 357764**Proofed:** none.**Location:** Mexico, Mexico. Sierra de las Cruces.**Habitat:** Wooded canyons.**Collector:** C.G. Pringle #4308.**Date:** 28 August 1892.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = *Cirsium tolucanum* Petrak.**References:** Proc. Amer. Acad. 28:111. 1893.

**Cnicus velatus S. Watson****Type Status: Isotype****Accession No:** 423121**Bar Code:** 357772**Proofed:** none.**Location:** Mexico, Mexico. Flor de Maria.**Habitat:** Low meadows.**Collector:** C.G. Pringle #3228.**Date:** 31 August 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = *Carduus velatus* (S. Wats.) Greene.**References:** Proc. Amer. Acad. 26:143. 1891.**Coreocarpus ixtapanus B. Turner****Type Status: Holotype****Accession No:** 245045**Bar Code:** 357830**Proofed:** none.**Location:** Mexico, Mexico. Municipio Tonalico, Mex. 55, a few miles south of Ixtapan de la Sal.**Habitat:** none. 1800 m.**Collector:** D.L. Denham #172. With M.L. Denham.**Date:** 14 October 1962.**Miscellaneous:** Originally not identified. Repr. Status: Flr & Frt.**Annotations:** *Coreocarpus ixtapanus* B. Turner, det. B.L. Turner 1990. / *Coreocarpus congregatus* (S.F. Blake) E.B. Smith; plts 1, 2 & 3 w/ anthers brownish to brownish-purple or blackish purple; plt 4 w/ yellowish anthers; all depauperate; det. E.B. Smith 1991.**References:** Phytologia 70:42. 1991.**Crepis exilis Osterhout****Type Status: Isotype****Accession No:** 321184**Bar Code:** 359844**Proofed:** none.**Location:** Colorado, USA. Sulphur Springs.**Habitat:** none.**Collector:** G.E. Osterhout #2979.**Date:** 16 July 1905.**Miscellaneous:** Originally identified as *Crepis*. Repr. Status: Flr.**Annotations:** none.**References:** Muhlenbergia 1:142. 1906.**Cymophora pringlei Robinson****Type Status: ?****Accession No:** 149753**Bar Code:** 360016**Proofed:** none.**Location:** Guerrero, Mexico. Iguala Canyon.**Habitat:** none. 2500 ft.**Collector:** C.G. Pringle #10068.**Date:** 22 September 1905.**Miscellaneous:** Plantae Mexicanae. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 43:39. 1907.

**Cymophora pringlei Robinson****Type Status: ?**

**Accession No:** 169490      **Bar Code:** 360024      **Proofed:** none.  
**Location:** Guerrero, Mexico. Iguala Canyon.  
**Habitat:** none. 2500 ft.  
**Collector:** C.G. Pringle #10068.  
**Date:** 22 September 1905.  
**Miscellaneous:** Plantae Mexicanae. Repr. Status: Flr.  
**Annotations:** none.  
**References:** Proc. Amer. Acad. 43:39. 1907.

**Dahlia dissecta S. Watson****Type Status: Isotype**

**Accession No:** 423045      **Bar Code:** 361220      **Proofed:** none.  
**Location:** San Luis Potosi, Mexico. San Jose Pass.  
**Habitat:** Limestone ledges.  
**Collector:** C.G. Pringle #3167.  
**Date:** July 1890.  
**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.  
**Annotations:** none.  
**References:** Proc. Amer. Acad. 26:141. 1891.

**Dahlia pubescens S. Watson****Type Status: Isotype**

**Accession No:** 423047      **Bar Code:** 361238      **Proofed:** none.  
**Location:** Mexico, Mexico. Flor de Maria.  
**Habitat:** Calcareous bluffs.  
**Collector:** C.G. Pringle #3164.  
**Date:** 1 and 28 August 1890.  
**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.  
**Annotations:** = Dahlia brevis P. Sorenson.  
**References:** Proc. Amer. Acad. 26:142. 1891.

**Encelia nutans Eastwood****Type Status: Isotype**

**Accession No:** 8415      **Bar Code:** 363150      **Proofed:** none.  
**Location:** Mesa County, Colorado, USA. Grand Junction. Orchard Mesa.  
**Habitat:** none.  
**Collector:** Alice Eastwood #sn.  
**Date:** May 1891.  
**Miscellaneous:** none. Repr. Status: Flr.  
**Annotations:** none.  
**References:** Zoe 2:230. 1891.

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<b>Enceliopsis nudicaulis var. corrugata Cronq.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 218462	<b>Bar Code:</b> 363168	<b>Proofed:</b> none.
<b>Location:</b> Nye County, Nevada, USA. About 15 miles (airline) southeast of Lathrop Wells. Above the southwest side of a large playa. TRS: T17S R51E Sec20.		
<b>Habitat:</b> About outcrops of a pale, hard limestone which weathers to a whitish, alkaline soil, in Larrea desert. 2400 ft.		
<b>Collector:</b> Arthur Cronquist #10648.		
<b>Date:</b> 20 April 1966.		
<b>Miscellaneous:</b> Rays 11-23, yellow. Disk orange. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Bull. Torrey Bot. Club 99:246-247. 1972.		
<b>Ericameria cooperi ssp. bajacalifornica Urbatsch &amp; Wussow</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 240250	<b>Bar Code:</b> 363275	<b>Proofed:</b> none.
<b>Location:</b> Baja California, Mexico. Plains 2 miles north of Llano Colorado. 31° 39' N Lat. 115° 55' W Long.		
<b>Habitat:</b> Occasional, plains. 1125 m.		
<b>Collector:</b> Reid Moran #13874.		
<b>Date:</b> 20 May 1967.		
<b>Miscellaneous:</b> Originally identified as Haplopappus cooperi (Gray) Hall. Shrub to 9 dm tall x 11 dm; stems to 1 cm. Heads bright yellow. Repr. Status: Flr & Frt.		
<b>Annotations:</b> Ericameria cooperi (A. Gray) Hall ssp. bajacalifornica Urbatsch & Wussow, det. Lowell E. Urbatsch 1979.		
<b>References:</b> Brittonia 31:265-275. 1979.		
<b>Ericameria discoidea (Nuttall) Nesom var. winwardii Dorn &amp; Delmatier</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 507193	<b>Bar Code:</b> 828038	<b>Proofed:</b> none.
<b>Location:</b> Lincoln County, Wyoming, USA. Ca. 11 mi. SW of Kemmerer. 41° 42.471' N Lat. 110° 43.381' W Long.		
<b>Habitat:</b> Silty clay outwash from whitish outcrop. Associates: Astragalus jejunus, Ipomopsis crebrifolia. 7000 ft.		
<b>Collector:</b> R. Dorn #9393.		
<b>Date:</b> 26 July 2002.		
<b>Miscellaneous:</b> Flower color yellow, 5-8 flowers per head; decumbent to prostrate. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Madroño 52:63. 2005.		

**Erigeron acomanus Spellenberg & Knight****Type Status: Isotype****Accession No:** 452285**Bar Code:** 363283**Proofed:** none.**Location:** McKinley County, New Mexico, USA. Ca. 3.2 km N of Prewitt. TRS: T14N R12E Sec24 NW¼ of NE¼. 35° 26' 2.7" N Lat. 108° 03' 29" W Long.**Habitat:** In canyons of Entrada Sandstone, beneath cliffs, with *Pinus edulis*, *Juniperus monosperma*, *Artemisia tridentata*, and perennial grasses. 6950 ft. 2118 m.**Collector:** Paul Knight #2689.**Date:** 14 July 1983.**Miscellaneous:** Population area ca. 9.4 acres. Rays white; plants mat-forming; at least 1500 plants in immediate area. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Madroño 36:115-121. 1989.**Erigeron arisolius G.L. Nesom****Type Status: Isotype****Accession No:** 446235**Bar Code:** 409672**Proofed:** none.**Location:** Cochise County, Arizona, USA. W side of Chiricahua Mts., Hwy 181 ca 9.5 mi S of jct. Of Hwy 186, near Turkey Creek Road.**Habitat:** Abundant along roadside and in fields and grassy plains. 4800 ft.**Collector:** Guy Nesom #4521.**Date:** 28 August 1981.**Miscellaneous:** Taprooted annuals; buds erect; rays reflexing. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Phytologia 69:243. 1990.**Erigeron astranthioides De Jong & Nesom****Type Status: Isotype****Accession No:** 380595**Bar Code:** 368605**Proofed:** none.**Location:** Durango, Mexico. Meadow on N side of Hwy 40 (between Durango and Mazatlan), and at edge of forest, between Kms 1120 and 1121, ca. 2.5 Kms W of Puerto Buenos Aires.**Habitat:** Open, wet, mucky meadow, and at edge of Pine-Oak-Madrone forest. Abundant in colonies. 8800 ft.**Collector:** D.C.D. De Jong #1716.**Date:** 9 August 1965.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 34:285-289. 1982.

**Erigeron basaseachensis G.L. Nesom****Type Status: Isotype****Accession No:** 441428**Bar Code:** 409680**Proofed:** none.

**Location:** Chihuahua, Mexico. Mpio. Ocampo, area of La Cascada de Basaseachic at the confluence of Rio Candamena and Rio Durazno, ca. 2 mi S of village of Basaseachic. 28° 02' N Lat. 107° 55' W Long.

**Habitat:** Area of pine-oak-juniper-manzanita between campground and top of falls. Abundant in crevices of steep, W-facing rock walls and shallow soil pockets in boulders along river near falls. Elev. 2000-2100 m.

**Collector:** Guy Nesom #5089. With Paul Lewis.

**Date:** 18 August 1984.

**Miscellaneous:** Rhizomes very brittle. Repr. Status: Flr.

**Annotations:** none.

**References:** Phytologia 66:426. 1989.

**Erigeron bistiensis G. L. Nesom & Hevron****Type Status: Isotype****Accession No:** 453875**Bar Code:** 410456**Proofed:** none.

**Location:** San Juan County, New Mexico, USA. Navaho Indian Reservation. San Juan Basin NE of Bisti Trading Post, 4.2 mi E of NM Hwy 371 and ca. 1/4 mi S of San Juan Co. Rd. 7250; ridgetops and slopes of Hunter Wash drainage. TRS: T25N R12W Sec31 NE¼ NE¼.

**Habitat:** Ridgetops and slopes of drainage in desert shrub-grassland. 6340 ft.

**Collector:** Bill Hevron #1975. With J. Merz.

**Date:** 5 June 1993.

**Miscellaneous:** USGS 7.5' quad = Alamo Mesa West. Most plants past flower or near it. Repr. Status: Flr & Frt.

**Annotations:** none.

**References:** Madroño 42: 13. 1995.

**Erigeron byei Sundberg & Nesom****Type Status: Isotype****Accession No:** 457201**Bar Code:** 368597**Proofed:** none.

**Location:** Chihuahua, Mexico. Mpio. Batopilas, 2.5 mi S of Creel on main road to Batopilas.

**Habitat:** Steep, terraced slopes, pine-oak woodlands. Forming mats on sides of arroyo.

**Collector:** R. Scott #471. With T. Ayers, M. Lavin, A. Whittemore.

**Date:** 19 May 1985.

**Miscellaneous:** Voucher for chromosome count of n=9 pairs in meiosis. Repr. Status: Flr.

**Annotations:** none.

**References:** Phytologia 69:278-281. 1990.

**Erigeron caulinifolius G.L. Nesom****Type Status: Isotype****Accession No:** 441427**Bar Code:** 409698**Proofed:** none.**Location:** Chihuahua, Mexico. Mpio. Guadalupe y Calvo, NW side of Cerro Mohinora, ca. 12.5 mi SW of Guadalupe y Calvo, past turnoff to peak, downslope of road toward Sinaloa. 26° 00' N Lat. 107° 03' W Long.**Habitat:** Area of oak-pine with fir and scattered madronos. Abundant in crevices and soil pockets of cliff faces. 2470 m.**Collector:** Guy Nesom #6483a. With Andy McDonald.**Date:** 21 August 1988.**Miscellaneous:** Just beginning to flower. Firing plants without rosettes, rosettes separate, common. Repr. Status: Flr.**Annotations:** none.**References:** Phytologia 66:428. 1989.**Erigeron compositus ssp. anticus Beaman****Type Status: Isotype?****Accession No:** 72750**Bar Code:** 429720**Proofed:** none.**Location:** Douglas County, Colorado, USA. Wolhurst.**Habitat:** Dry hills. 1616 m.**Collector:** I.W. Clokey #397. With R. Duthie.**Date:** 15 June 1920.**Miscellaneous:** Originally identified as *Erigeron trifidus* Hook. var. *prasinus* Macbr. & Payson. Repr. Status: Flr.**Annotations:** *Erigeron compositus* ssp. *anticus* Beaman, Isotype, det. John H. Beaman 1961.**References:** Ined. (Name not in Gray Card Index or Index Kewensis.)**Erigeron compositus ssp. penicillatus Beaman****Type Status: Isotype?****Accession No:** 8507**Bar Code:** 429738**Proofed:** none.**Location:** Granite County, Montana, USA. 3 miles north of Bearbouth [sic], on highway no. 10.**Habitat:** Dry, open, rocky east exp.**Collector:** A. Melby #1. With G. Mead & G. Jackson.**Date:** 29 April 1939.**Miscellaneous:** Originally identified as *Erigeron compositus* var. *multifidus* (Rydb.) M. & P. Repr. Status: Flr.**Annotations:** *Erigeron compositus* ssp. *penicillatus* Beaman, Isotype, det. John H. Beaman 1961.**References:** Ined. (Name not in Gray Card Index or Index Kewensis.)



**Erigeron compositus var. prasinus Macbr. & Payson****Type Status: Isotype?****Accession No:** 8999**Bar Code:** 429712**Proofed:** none.**Location:** Jackson County, Colorado, USA. "The Bluffs", Spicer.**Habitat:** Stony crests.**Collector:** Leslie N. Goodding #1509.**Date:** 10 July 1903.**Miscellaneous:** Originally identified as *Erigeron trifidus* Hook. Repr. Status: Flr.**Annotations:** *Erigeron compositus* var. *prasinus* Macbr. & Payson, Isotype, det. John H. Beaman 1960. / *Erigeron compositus* Pursh, det. John H. Beaman 1961.**References:** Ined. (Name not in Gray Card Index or Index Kewensis.)**Erigeron coroniglandifer G.L. Nesom****Type Status: Isotype****Accession No:** 441426**Bar Code:** 409706**Proofed:** none.**Location:** Chihuahua, Mexico. Mpio. Guadalupe y Calvo. 78.9 km SW of El Vergel on road to Guadalupe y Calvo, ca. 212 km SSW of Hidalgo del Parral ca. 1.3 km S of bridge in Turuachi. W-facing side of deep, N-S-trending canyon. 26° 09' N Lat. 106° 44' W Long.**Habitat:** Abundant in shallow soil over steep, rocky slope. *Erigeron fraternus* in moister microsites. 2050 m.**Collector:** Guy Nesom #4964.**Date:** 28 August 1983.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** *Phytologia* 66:432. 1989.**Erigeron eruptans G.L. Nesom****Type Status: Isotype****Accession No:** 441424**Bar Code:** 409730**Proofed:** none.**Location:** Chihuahua, Mexico. 18 mi SE of jct. Of Tomochic-Yepachi Road on road to San Juanito, 2 me SE of Yoquiva (ca. 24 mi SE of Basaseachic).**Habitat:** Very open ca. 45°, more or less NW slope, on pale, pink-tan igneous rock. With *Senecio candidissima*, *Pinus arizonica*, *Arctostaphylos* and a droopy-needled pine. 7500 ft.**Collector:** R. Spellenberg #8070. With R. Soreng, R. Corral, J. Cornelius, C. Spurrier....**Date:** 27 April 1985.**Miscellaneous:** Forming clumps to 4 dm diameter; rays white. Seen 2 mi to SE with *E. oreophilus*, which is not in bloom. Repr. Status: Flr.**Annotations:** none.**References:** *Phytologia* 66:438. 1989.

**Erigeron flagellaris forma breviligulatus W.A. Weber****Type Status: Holotype****Accession No:** 318251**Bar Code:** 363291**Proofed:** none.**Location:** Boulder County, Colorado, USA. Western slope of Davidson Mesa just N of Jefferson County line between Marshall and Rocky Flats Atomic Plant.**Habitat:** Western slope of mesa. 1800 m.**Collector:** W.A. Weber #15355. With J. Wingate.**Date:** 10 June 1978.**Miscellaneous:** This short-rayed form dominant over the area between Marshall and Coal Creek, very few plants of normal type found. Repr. Status: Flr.**Annotations:** none.**References:** Phytologia 41:487. 1979.**Erigeron fundus G.L. Nesom****Type Status: Isotype****Accession No:** 441430**Bar Code:** 409748**Proofed:** none.**Location:** Chihuahua, Mexico. Mpio. Ocampo, ca. 2.5 km S of village of Basaseachic, base of Cascada de Basaseachic in huge barranca. 28° 02' N Lat. 107° 55' W Long.**Habitat:** Woods of mostly deciduous species downstream from base of falls. Abundant in woods on N side of barranca, on soil banks with bryophytes. 1800 m.**Collector:** Guy Nesom #5437. With R. Spellenberg, R. Corral, et al..**Date:** 27 April 1986.**Miscellaneous:** Few still in flower after very dry spring. Repr. Status: Flr.**Annotations:** none.**References:** Phytologia 66:471. 1989.**Erigeron heteromorphus Robinson****Type Status: Isotype****Accession No:** 423317**Bar Code:** 363309**Proofed:** none.**Location:** San Luis Potosi, Mexico. Cascades of the Conception River near Micos.**Habitat:** Growing from calcareous tufa more or less submerged.**Collector:** C.G. Pringle #3963.**Date:** 9 December 1891.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 27:173. 1892.

**Erigeron lackschewitzii G.L. Nesom & Weber****Type Status: Isotype****Accession No:** 346014**Bar Code:** 363317**Proofed:** none.**Location:** Flathead County, Montana, USA. Bob Marshall Wilderness, Flathead Range, Continental Divide "N Wall". Summit of mtn. above Sock Lake. TRS: T24N R11W Sec31 W½.**Habitat:** Common in Arctostaphylos polygons, also in dry meadow. Assoc. with Erigeron radicans, Townsendia parryi. 8200 ft.**Collector:** Klaus H. Lackschewitz #9101.**Date:** 26 July 1979.**Miscellaneous:** Originally identified as Erigeron grandiflorus Hook. Repr. Status: Flr.**Annotations:** Undescribed species (see also K.L. 8487), det. W.A. Weber 1980. / Erigeron lackschewitzii Nesom & Weber, Isotype, det. G.L. Nesom, no date.**References:** Madroño 30:245. 1983.**Erigeron nematophyllus Rydberg****Type Status: Isotype****Accession No:** 332279**Bar Code:** 363333**Proofed:** none.**Location:** Albany County, Wyoming, USA. Sand Creek.**Habitat:** Open slopes in the foothills.**Collector:** Aven Nelson #6993.**Date:** 1 June 1900.**Miscellaneous:** Originally identified as Erigeron eatonii Gray. Repr. Status: Flr.**Annotations:** Erigeron nematophyllus Rydb., det. W.A. Weber 1948.**References:** Bull. Torrey Bot. Club 32:124. 1905.**Erigeron nematophyllus Rydberg****Type Status: Isotype****Accession No:** 8613**Bar Code:** 363325**Proofed:** none.**Location:** Albany County, Wyoming, USA. Sand Creek.**Habitat:** Open slopes in the foothills.**Collector:** Aven Nelson #6993.**Date:** 1 June 1900.**Miscellaneous:** Originally identified as Erigeron eatonii Gray. Repr. Status: Flr.**Annotations:** Erigeron nematophyllus Rydb., det. W.A. Weber 1948.**References:** Bull. Torrey Bot. Club 32:124. 1905.**Erigeron rhizomactis G.L. Nesom****Type Status: Isotype****Accession No:** 441425**Bar Code:** 363341**Proofed:** none.**Location:** Chihuahua, Mexico. Mpio. Guadalupe y Calvo, N side of Cerro Mohinora, ca. 13 mi. SW of Guadalupe y Calvo. 25° 57' N Lat. 107° 03' W Long.**Habitat:** Abundant in open pine-fir woods with scattered spruce. 2950 m.**Collector:** Guy Nesom #6449. With Andy McDonald.**Date:** 20 August 1988.**Miscellaneous:** Forming large colonies of interconnected plants through slender, white rhizomes. Buds nodding. Repr. Status: Flr.**Annotations:** none.**References:** Phytologia 66:449. 1989.

**Erigeron rybius Nesom****Type Status: Isotype****Accession No:** 379873**Bar Code:** 368613**Proofed:** none.**Location:** Otero County, New Mexico, USA. 1.6 km S of Cloudcroft on Hwy 24.**Habitat:** Area of white fir and doug fir, very abundant in clearing and along edge of woods. 2520 m.**Collector:** Guy Nesom #4535.**Date:** 30 August 1981.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Syst. Bot. 7:457-460. 1982.**Erigeron sceptrifer G.L. Nesom****Type Status: Isotype****Accession No:** 446236**Bar Code:** 363358**Proofed:** none.**Location:** Chihuahua, Mexico. Mpio. Cuauhtemoc, 17.6 km W of Cuauhtemoc on Hwy 16.**Habitat:** Area of pine-oak-juniper. Common in open areas along highway, with many other tall colonizers. 7200 ft.**Collector:** Guy Nesom #4477.**Date:** 23 August 1981.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Phytologia 69:248. 1990.**Erigeron wilkenii O'Kane****Type Status: Holotype****Accession No:** 445325**Bar Code:** 363374**Proofed:** none.**Location:** Moffat County, Colorado, USA. Dinosaur National Monument. Near mouth of Pool Canyon. TRS: T6N R104W Sec12 SE¼, SW¼, NE¼.**Habitat:** Growing in alluvium of the Weber Formation in a Pinus-Juniperus community with Poa fendleriana in sandy soil, found in duff often within mats of Selaginella. 1713 m.**Collector:** S.L. O'Kane, Jr. #3014.**Date:** 1 June 1987.**Miscellaneous:** Rays white ventrally, light pink dorsally. Repr. Status: Flr.**Annotations:** none.**References:** Madroño 37:184. 1990.**Eupatorium eriocarpum Rob. & Greenm.****Type Status: Isotype****Accession No:** 423327**Bar Code:** 367763**Proofed:** none.**Location:** Oaxaca, Mexico. Tomellin Canyon.**Habitat:** none. 3000 ft.**Collector:** C.G. Pringle #6112.**Date:** 22 December 1894.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = Critonia eriocarpa (Rob. & Greenm.) King & Rob., det. W.A. Weber 1985.**References:** Proc. Amer. Acad. 32:42. 1896.

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<b>Eupatorium espinosarum var. subintegrifolium B.L. Robinson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423329	<b>Bar Code:</b> 367771	<b>Proofed:</b> none.
<b>Location:</b> San Luis Potosi, Mexico. San Jose Pass.		
<b>Habitat:</b> Shaded ledges of limerock.		
<b>Collector:</b> C.G. Pringle #3311.		
<b>Date:</b> 10 October 1890.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> = <i>Ageratina espinosarum</i> (Gray) King & Rob., det. W.A. Weber 1985.		
<b>References:</b> Proc. Amer. Acad. 26:165. 1891.		
<b>Eupatorium ovaliflorum var. stenophyllum B.L. Rob.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423320	<b>Bar Code:</b> 367789	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Canyons near Guadalajara.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #1831.		
<b>Date:</b> 8 December 1888.		
<b>Miscellaneous:</b> Originally identified as <i>Eupatorium</i> . A shrub 6 feet high. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> = <i>Chromolaena ovaliflora</i> (H. & A.) King & Rob.		
<b>References:</b> Proc. Amer. Acad. 35:331. 1900.		
<b>Eupatorium pulchellum var. angustifolium S. Watson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423299	<b>Bar Code:</b> 367797	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Slopes of canyons near Guadalajara.		
<b>Habitat:</b> Slopes of canyons.		
<b>Collector:</b> C.G. Pringle #2315.		
<b>Date:</b> 4 October 2315.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 51:534. 1916.		
<b>Eupatorium rupicola Rob. &amp; Greenm.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423297	<b>Bar Code:</b> 367805	<b>Proofed:</b> none.
<b>Location:</b> Oaxaca, Mexico. Sierra de San Felipe.		
<b>Habitat:</b> Dry ledges. 7500 ft.		
<b>Collector:</b> C.G. Pringle #4970.		
<b>Date:</b> 9 October 1894.		
<b>Miscellaneous:</b> 5-10 feet. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> = <i>Ageratina rupicola</i> (Rob. & Greenm.) King & Rob.		
<b>References:</b> Proc. Amer. Acad. 32:42. 1896.		

**Gaillardia neomexicana A. Nelson****Type Status: Isotype****Accession No:** 9330**Bar Code:** 368126**Proofed:** none.**Location:** New Mexico, USA. Rito de los Frijoles, about 30 miles northwest of Santa Fe.**Habitat:** none.**Collector:** W.W. Robbins #8103.**Date:** August 1910.**Miscellaneous:** Originally identified as *Gaillardia* sp. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Univ. Wyo. Publ. Bot. 1:135. 1926.**Gaillardia pinnatifida var. robusta Turner****Type Status: Isotype?****Accession No:** 438313**Bar Code:** 429746**Proofed:** none.**Location:** Chihuahua, Mexico. ½ km. from El Pastor and 16 km. NNE of Placer de Guadalupe on the winding dirt road between them. 29° 14' 30" N Lat. 105° 18' 30" W Long.**Habitat:** Gypsy area near a shallow arroyo; gypseous sandy clay soil. Veg. type: matorral desertico inerme & con esp. lat. Associates: *Larrea trid.*, *Coldenia* sp., *Acacia* spp., *Gaillardia* sp. 1225 m.**Collector:** T.L. Wendt #9846. With F. Chiang, M.C. Johnston.**Date:** 22 October 1972.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** *Gaillardia pinnatifida* var. *robusta* Turner, Isotype, det. B.L. Turner 1973.**References:** Ined. (Name not in Gray Card Index or Index Kewensis.)**Geissolepis suaedaefolia Robinson****Type Status: Isotype****Accession No:** 423250**Bar Code:** 368241**Proofed:** none.**Location:** San Luis Potosi, Mexico. Hacienda de Angostura.**Habitat:** Alkaline plains.**Collector:** C.G. Pringle #3762.**Date:** 27 June 1891.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 27:177. 1892.**Gnaphalium pringlei A. Gray****Type Status: Isotype****Accession No:** 423245**Bar Code:** 368399**Proofed:** none.**Location:** Chihuahua, Mexico. Hills near Chihuahua.**Habitat:** Cool shaded slopes, rocky hills.**Collector:** C.G. Pringle #305.**Date:** 25 October 1885.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 21:387. 1886.

**Grindelia eldorae Daniels****Type Status: Holotype****Accession No:** 535914**Bar Code:** 901595**Proofed:** none.**Location:** Boulder County, Colorado, USA. Eldora.**Habitat:** Subalpine valley. 8700 ft.**Collector:** Francis Daniels #859.**Date:** 31 August 1906.**Miscellaneous:** Original ID: *Grindelia subalpina* Greene var. ? NY negative no. 11052. Voucher: Daniels, F.P., 1911. Flora of Boulder, Colorado and vicinity. U. of Missouri Studies 2 (2): 1-311. Repr. Status: Flr & Frt.**Annotations:** *G. subalpina*, det. J.A. Steyermark 1933. / *G. subalpina*, det. W.A. Weber 1949. / *G. subalpina*, det. M.A. Wetter 1984. / Holotype of *Grindelia eldorae* Daniels, det. M.A. Wetter 1985.**References:** Univ. Missouri Studies, Sci. Ser. 2:227. 1911.**Grindelia fraxino-pratensis Reveal & Beatley****Type Status: Isotype****Accession No:** 269223**Bar Code:** 368456**Proofed:** none.**Location:** Nye County, Nevada, USA. Amargosa drainage basin. Ash Meadows, along Ash Meadows Rd. between Devils' Hole and Ash Meadows Lodge, 0.8 airline mi NW of Lodge. TRS: T18S R50E Sec23 SE¼.**Habitat:** Saline meadow with *Distichlis*. 2160 ft.**Collector:** J.L. Reveal #1887. With N.H. Holmgren.**Date:** 21 August 1968.**Miscellaneous:** Flora of the US Atomic Energy Commission's Nevada Test Site and Vicinity. Repr. Status: Flr.**Annotations:** none.**References:** Bull. Torrey Bot. Club 98:334. 1972.**Grindelia turneri G.L. Nesom****Type Status: Isotype****Accession No:** 446196**Bar Code:** 368464**Proofed:** none.**Location:** Nuevo Leon, Mexico. Mpio. Galeana. 0.5 mi S of San Pablo, between San Pablo and Tanquecillos, on road toward Galeana. 25° 03' Lat. 100° 25'W Long.**Habitat:** Fallow fields in valley, pines on higher slopes on valley margins. Abundant in fallow fields along roadside. 2320 m.**Collector:** Guy Nesom #7189. With J. Norris, J. Villareal, M. Carranza.**Date:** 27 August 1989.**Miscellaneous:** Few yet in full fruit. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Phytologia 68:313. 1990.

**Guardiola rotundifolia Robinson****Type Status: Isotype****Accession No:** 423231**Bar Code:** 368506**Proofed:** none.**Location:** Jalisco, Mexico. Hills near Tequila.**Habitat:** none.**Collector:** C.G. Pringle #4571.**Date:** 15 October 1893.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 29:317. 1894.**Gutierrezia elegans Schneider & Lyon****Type Status: Holotype****Accession No:** 536951**Bar Code:** 925875**Proofed:** none.**Location:** Dolores County, Colorado, USA. Lone Mesa State Park, S end of the park, ca. 23 mi N of the town of Dolores. TRS: T39N R14W SEC35. 37° 41' N Lat. 108° 28' W Long.**Habitat:** Exposure of Mancos shale, ca. 2% slope, w/ dominants *Helianthella microcephala*, *Tetranneuris acaulis*, & *Eriogonum lonchophyllum*, abundant *Gutierrezia elegans*, *Petradoria pumila*, *Astragalus missouriensis*, & *Heterotheca villosa*.... 7575 ft.**Collector:** Al Schneider #G-1001. With Members of Colorado Native Plant Society.**Date:** 23 August 2008.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** J. Bot. Res. Inst. Texas 2(2):771-774. 2008.**Gutierrezia ionensis Lunell****Type Status: Neotype****Accession No:** 398379**Bar Code:** 368514**Proofed:** none.**Location:** Morrow County, Oregon, USA. 2.6 km (1.6 mi) E of Lone on Oregon State Highway 74, N side of road.**Habitat:** SE facing slope. Soils sandy with some mixed large gravels.**Collector:** Meredith A. Lane #3054.**Date:** 27 August 1983.**Miscellaneous:** This is the type locality for *Gutierrezia ionensis* Lunell. Repr. Status: Flr.**Annotations:** = *Gutierrezia sarothrae*.**References:** Amer. Midl. Nat. 2:194. 1912. / Neotype ref.: Syst. Bot. 10:25. 1985.**Gutierrezia juncea Greene****Type Status: Isotype****Accession No:** 135587**Bar Code:** 368522**Proofed:** none.**Location:** Lincoln County, New Mexico, USA. Gray.**Habitat:** none. 6000 ft.**Collector:** Josephine Skehan #78.**Date:** August 1898.**Miscellaneous:** Originally identified as *Gutierrezia sarothrae* (Pursh) Britt. Repr. Status: Flr.**Annotations:** = *Gutierrezia sarothrae*.**References:** Pittonia 4:56. 1899.



**Gutierrezia myriacephala A. Nelson** **Type Status: Isotype****Accession No:** 9545 **Bar Code:** 368530 **Proofed:** none.**Location:** Laramie County, Wyoming, USA. Platte Canon.**Habitat:** In sandy canons.**Collector:** Aven Nelson #8645.**Date:** 3 September 1901.**Miscellaneous:** Originally spelled Guttierrezia. Repr. Status: Flr.**Annotations:** = *Gutierrezia sarothrae*.**References:** Bot. Gaz. 37:264. 1904.**Gymnolomia canescens Robinson** **Type Status: Isotype****Accession No:** 423218 **Bar Code:** 368548 **Proofed:** none.**Location:** San Luis Potosi, Mexico. Hacienda de Angostura.**Habitat:** Alkaline plains.**Collector:** C.G. Pringle #3763.**Date:** 27 June 1891.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = *Viguiera protensa* Blake**References:** Proc. Amer. Acad. 27:174. 1892.**Gymnolomia decumbens Robinson** **Type Status: Isotype****Accession No:** 423219 **Bar Code:** 368555 **Proofed:** none.**Location:** Mexico, Mexico. Tultenango.**Habitat:** Rocky hills.**Collector:** C.G. Pringle #3263.**Date:** 3 September 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 26:165. 1891.**Gymnolomia patens var. abbreviata Rob. & Greenm.** **Type Status: Isotype****Accession No:** 423223 **Bar Code:** 368563 **Proofed:** none.**Location:** Jalisco, Mexico. Tequila.**Habitat:** Ravines.**Collector:** C.G. Pringle #4595.**Date:** 21 September 1893.**Miscellaneous:** 3-5 feet. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = *Gymnolomia microcephala* var. *abbreviata* R. & G.**References:** Proc. Amer. Acad. 29:387. 1894.

**Gymnolomia rudis var. minor Rob. & Green.****Type Status: Isotype****Accession No:** 423213**Bar Code:** 368571**Proofed:** none.**Location:** Jalisco, Mexico. Near Tequila.**Habitat:** Rocky hills.**Collector:** C.G. Pringle #4584.**Date:** 7 October 1893.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 29:387. 1894.**Haplopappus arborescens ssp. peninsularis Moran****Type Status: Isotype****Accession No:** 240135**Bar Code:** 369702**Proofed:** none.**Location:** Baja California, Mexico. 2 miles south of El Rayo. 31° 58'N Lat. 115° 58'W Long.**Habitat:** Rare, in chaparral. 1600 m.**Collector:** Reid Moran #13554.**Date:** 17 September 1966.**Miscellaneous:** Shrub 2 m high. Three here; no others seen all day. Repr. Status: Flr.**Annotations:** none.**References:** Trans. San Diego Mus. Nat. Hist. 15:152-154. 1969.**Haplopappus graniticus Tiehm & L. Shultz****Type Status: Isotype****Accession No:** 419862**Bar Code:** 369728**Proofed:** none.**Location:** Esmeralda County, Nevada, USA. Lone Mt., Springdale Canyon on the NE side of the range, about 14 miles west of Tonopah. TRS: T2N R40E.**Habitat:** Steep granite rock outcrops. 7800 ft.**Collector:** Arnold Tiehm #8346.**Date:** 12 September 1983.**Miscellaneous:** Originally identified as Haplopappus. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Brittonia 37:165. 1985.**Haplopappus juarezensis Moran****Type Status: Isotype****Accession No:** 240113**Bar Code:** 369736**Proofed:** none.**Location:** Baja California, Mexico. 5 miles by road SE of Rancho las Filipinas. 31° 47'N Lat. 115° 48'W Long.**Habitat:** Occasional on granitic hills. 1575 m.**Collector:** Reid Moran #13556.**Date:** 17 September 1966.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Trans. San Diego Mus. Nat. Hist. 15:154-156. 1969.

**Haplopappus niveus S. Watson****Type Status: Isotype****Accession No:** 423211      **Bar Code:** 369744      **Proofed:** none.**Location:** Chihuahua, Mexico. Sierra Madre.**Habitat:** Gravelly borders of streams.**Collector:** C.G. Pringle #1300.**Date:** September 1887.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = *Chrysopsis nivea* Greene, *Pittonia* 3:43. 1896.**References:** Proc. Amer. Acad. 23:227. 1888.**Haplopappus rosarius Moran****Type Status: Isotype****Accession No:** 240137      **Bar Code:** 369751      **Proofed:** none.**Location:** Baja California, Mexico. On north slope 2.3 miles SE of El Consuelo. 30° 09½' N Lat. 115° 46½' W Long.**Habitat:** Locally common on north slope. 75 m.**Collector:** Reid Moran #14020.**Date:** 2 July 1967.**Miscellaneous:** Shrub 2-7 dm high x 3-8 dm, with many slender branches from a base sometimes 3 cm [diam?]. Flowers bright yellow. Repr. Status: Flr.**Annotations:** none.**References:** Trans. San Diego Mus. Nat. Hist. 15:159-161. 1969.**Helenium drummondii H. Rock****Type Status: Isotype****Accession No:** 90709      **Bar Code:** 369777      **Proofed:** none.**Location:** Jasper County, Texas, USA. 3 miles N.E. of Evadale.**Habitat:** Frequent in shallow water at outer edges of a pond.**Collector:** V.L. Cory #52730.**Date:** 8 April 1947.**Miscellaneous:** Originally identified as *Helenium fimbriatum* (Michx.) Wood. Stems simple, erect, up to 5 dm. tall. Repr. Status: Flr.**Annotations:** *Helenium drummondii* sp. nov., in ed., det. H.F.L. Rock 1956.**References:** *Rhodora* 59:173. 1957.**Helianthella pringlei A. Gray****Type Status: Isotype****Accession No:** 423274      **Bar Code:** 369785      **Proofed:** none.**Location:** Chihuahua, Mexico. Hills near Chihuahua.**Habitat:** Rocky hills.**Collector:** C.G. Pringle #646.**Date:** 7 September 1885.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = *Flourensia pringlei* Blake.**References:** Proc. Amer. Acad. 21:389. 1886.

**Helianthella scabra Payson****Type Status: Isotype****Accession No:** 9750      **Bar Code:** 369793      **Proofed:** none.**Location:** Montrose County, Colorado, USA. Naturita.**Habitat:** Dry hills and gulches. 5400 ft.**Collector:** Edwin Payson #591.**Date:** 11 August 1914.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** Helianthella microcephala (Gray) Gray, det. W.A. Weber 1946.**References:** Bot. Gaz. 80:382. 1913.**Heliopsis filifolia S. Watson****Type Status: Isotype****Accession No:** 423277      **Bar Code:** 369827      **Proofed:** none.**Location:** Coahuila, Mexico. Carneros Pass.**Habitat:** Limestone hills.**Collector:** C.G. Pringle #2396.**Date:** 10 September 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 25:153. 1890.**Hemizonia arida D.D. Keck****Type Status: Isotype****Accession No:** 60687      **Bar Code:** 369884      **Proofed:** none.**Location:** Kern County, California, USA. Mouth of Red Rock Canyon. Wash coming into Red Rock at right angles from west.**Habitat:** Frequent in wash, in hard alkali-sand mix with much gravel. With Larrea, Franseria dumosa, Cassia armata, etc. 2300 ft. 700 m.**Collector:** David D. Keck #3279. With Palmer Stockwell.**Date:** 11 May 1935.**Miscellaneous:** Usually divaricately branched from base upward, very hispid; rays 8-10, golden yellow; anthers yellow; pappus vestigial. n=12. Repr. Status: Flr.**Annotations:** none.**References:** Aliso 4:109. 1958.**Hemizonia greeneana ssp. peninsularis Moran****Type Status: Isotype****Accession No:** 240105      **Bar Code:** 369892      **Proofed:** none.**Location:** Baja California, Mexico. Summit of Banda Peak, Punta Banda. 31° 44½' N Lat. 116° 43 3/4' W Long.**Habitat:** Occasional on east, north, and west slopes, summit of peak. 380 m.**Collector:** Reid Moran #13437.**Date:** 27 August 1966.**Miscellaneous:** Shrub 4-8 dm high, to 11 dm wide; stem to 4 cm thick; bark gray-brown. Heads yellow, 14-18 mm wide, with 8 rays. Repr. Status: Flr.**Annotations:** none.**References:** Trans. San Diego Mus. Nat. Hist. 15:286-288. 1969.

**Hemizonia parryi ssp. australis D.D. Keck****Type Status: ?****Accession No:** 60674**Bar Code:** 369900**Proofed:** none.**Location:** Orange County, California, USA. Seal Beach.**Habitat:** Abundant over several acres in alkaline field adjoining tidelands, with *Frankenia grandifolia*, *Mesembryanthemum nodiflorum*, *Atriplex*, etc.**Collector:** David D. Keck #2537.**Date:** 29 September 1933.**Miscellaneous:** Mostly low, with many or all branches prostrate or horizontal, but some with all erect, not over 4 dm. high, but often much broader. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Madroño 3:15. 1935.**Hymenoxys chrysanthemoides ssp. osterhoutii Ckll.****Type Status: Isotype****Accession No:** 321170**Bar Code:** 369942**Proofed:** none.**Location:** Colorado, USA. Apishapa Creek.**Habitat:** none.**Collector:** G.E. Osterhout #2041.**Date:** 9 June 1900.**Miscellaneous:** Originally identified as *Picradenia odorata* Br. Repr. Status: Flr.**Annotations:** none.**References:** Bull. Torrey Bot. Club 31:505. 1904.**Hymenoxys chrysanthemoides var. juxta Ckll.****Type Status: Isotype****Accession No:** 53810**Bar Code:** 369934**Proofed:** none.**Location:** New Mexico, USA. Mangas Springs.**Habitat:** none.**Collector:** O.B. Metcalfe #118.**Date:** 9 June 1903.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** *Hymenoxys odorata* DC., det. K.F. Parker 1949.**References:** Bull. Torrey Bot. Club 31:503. 1904.**Hymenoxys metcalfei Ckll.****Type Status: Isotype****Accession No:** 5507**Bar Code:** 369959**Proofed:** none.**Location:** New Mexico, USA. Burro Mts.**Habitat:** none.**Collector:** O.B. Metcalfe #179.**Date:** unknown.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** *Hymenoxys richardsonii* (Hook.) Ckll. var. *floribunda* (A. Gray) Parker, det. K.F. Parker 1949.**References:** Bull. Torrey Bot. Club 31:492. 1904.

**Isocoma tomentosa G.L. Nesom****Type Status: Isotype****Accession No:** 451041**Bar Code:** 371781**Proofed:** none.**Location:** Chihuahua, Mexico. Banos de San Diego, 1.8 km E of San Diego de Alcala, ca. 16 km NE of jct of local road with Hwy 45 (the jct 19.5 km SE of jct of Hwy 45 and road to Aquiles Serdan, SE of Cd. Chihuahua). 28° 36' N Lat. 105° 31' W Long.**Habitat:** Gypseous area of hot springs and small streams flowing into salt flats; small hills of exposed gyp. Abundant. 1200 m.**Collector:** Guy Nesom #5478. With Linda Vorobik.**Date:** 14 October 1986.**Miscellaneous:** Caespitose perennials from a woody base; most plants past flower. Each stem from a different plant. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Phytologia 70:109. 1991.**Jungia pringlei Greenman****Type Status: Isotype****Accession No:** 148791**Bar Code:** 371930**Proofed:** none.**Location:** Michoacan, Mexico. Lava-fields near Uruapan.**Habitat:** Lava-fields. 5000 ft.**Collector:** C.G. Pringle #10357.**Date:** 28 January 1907.**Miscellaneous:** Plantae Mexicanae. Repr. Status: Flr & Frt.**Annotations:** Jungia pringlei Greenm., det. Gunnar Harling 1993.**References:** Field Columbian Mus. Bot. Ser. 2:286. 1907.**Kuhnia chlorolepis Woot. & Standl.****Type Status: Isotype****Accession No:** 10321**Bar Code:** 371971**Proofed:** none.**Location:** New Mexico, USA. Mangas Springs.**Habitat:** none.**Collector:** O.B. Metcalfe #104.**Date:** 2 June 1903.**Miscellaneous:** Originally identified as Kuhnia leptophylla. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Contr. U.S. Nat. Herb. 16:177. 1913.**Lagascea helianthifolia var. adenocaulis B.L. Rob.****Type Status: ?****Accession No:** 149387**Bar Code:** 370997**Proofed:** none.**Location:** Michoacan, Mexico. Uruapan.**Habitat:** none. 5000 ft.**Collector:** C.G. Pringle #13907.**Date:** 24 January 1907.**Miscellaneous:** 3-5 m. Plantae Mexicanae. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 43:38. 1907.

**Lagophylla minor (D.D. Keck) D.D. Keck****Type Status: Isotype****Accession No:** 60669**Bar Code:** 372003**Proofed:** none.**Location:** Napa County, California, USA. Bridge over Pope Creek, just south of Walters Spring.**Habitat:** On serpentine outcrop and also on hard-baked adobe. Associates: *Hordeum gussoneanum*, *Linanthus dichotomus*, *Madia gracilis*, *Gilia capitata*, *Festuca reflexa*, etc.**Collector:** David D. Keck #2338.**Date:** 29 May 1933.**Miscellaneous:** The large golden-yellow rays closing by 10 a.m. The synonym *Lagophyllum dichotoma* Bth. ssp. *minor* Keck also on label. Repr. Status: Flr.**Annotations:** none.**References:** For *Lagophylla minor* (Keck) Keck, ref. is *Aliso* 4:105. 1958. For *L. dichotoma* ssp. *minor*, ref. is *Madroño* 3:16. 1935.**Layia septentrionalis D.D. Keck****Type Status: Isotype****Accession No:** 60670**Bar Code:** 372078**Proofed:** none.**Location:** Lake County, California, USA. 2.5 mi. south of Lakeport on road to Kelseyville.**Habitat:** In sandy soil with *Platystemon californicus*, *Eschscholtzia californica*, *Festuca tracyi*, etc.**Collector:** David D. Keck #2384.**Date:** 29 May 1933.**Miscellaneous:** Plants not at all hispid; rays deep golden yellow throughout, no white tips. Repr. Status: Flr & Frt.**Annotations:** none.**References:** *Aliso* 4:106. 1958.**Liabum cervinum Robinson****Type Status: Isotype****Accession No:** 423343**Bar Code:** 372508**Proofed:** none.**Location:** Jalisco, Mexico. San Marcos.**Habitat:** Bluffs of barrancas.**Collector:** C.G. Pringle #4398.**Date:** 9 June 1893.**Miscellaneous:** Roots large, tuberous clustered. *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** *Proc. Amer. Acad.* 29:317. 1894.

**Liabum pringlei Rob. & Greenm.****Type Status: Isotype****Accession No:** 423341**Bar Code:** 372516**Proofed:** none.**Location:** Jalisco, Mexico. Mountains near Lake Chapala.**Habitat:** Rocky slopes. 7000 ft.**Collector:** C.G. Pringle #6214.**Date:** 18 October 1895.**Miscellaneous:** Half shrub, 3-4 ft. *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = *Sinclairia pringlei* H. Rob. & Brettell.**References:** *Proc. Amer. Acad.* 32:49. 1896.**Liatris aestivalis G.L. Nesom & O'Kennon****Type Status: Isotype****Accession No:** 499903**Bar Code:** 561217**Proofed:** none.**Location:** Tarrant County, Texas, USA. W side of city of Forth Worth, undeveloped area (advertised for sale) with rock outcrops near corner of Green Oaks Drive and Genoa Road, NE corner of Ridgmar Mall area.**Habitat:** Shallow soil over Glen Rose (Cretaceous) limestone. Abundant on flats & exposed slopes w/ little competition. With *Liatris mucronata* common but generally in deeper soil, still in early bud.**Collector:** Guy L. Nesom #FW15. With Robert J. O'Kennon & George M. Diggs.**Date:** 8 July 2001.**Miscellaneous:** Plts. in early to mid-flower; corms globose. Major associates *Yucca pallida*, *Silphium albiflorum*, *Hedyotis nigricans*, *Ceanothus herbaceus*, *Sorghastrum nutans*, *Schizachyrium scoparium*, *Polygala alba*, *Salvia texana*, *Stenosiphon linifolius* . . . Repr. Status: Flr.**Annotations:** none.**References:** *Sida* 19(4): 768 (-776; figs. 1-2, 6). 2001**Liatris provincialis R.K. Godfrey****Type Status: Isotype****Accession No:** 185045**Bar Code:** 373118**Proofed:** none.**Location:** Franklin County, Florida, USA. Sand dunes along the Gulf of Mexico, Alligator Point.**Habitat:** Sand dunes.**Collector:** R.K. Godfrey #58985.**Date:** 4 October 1959.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** *Amer. Midl. Nat.* 66:466. 1961.



**Machaeranthera magna A. Nels.****Type Status: Isotype****Accession No:** 332594**Bar Code:** 377366**Proofed:** none.**Location:** Canyon County, Idaho, USA. Falk's Store.**Habitat:** Sandy river flats. 2200 ft.**Collector:** J. Francis Macbride #729.**Date:** 5 September 1910.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Bot. Gaz. 53:227. 1912.**Machaeranthera ramosa A. Nelson****Type Status: Isotype****Accession No:** 332285**Bar Code:** 377382**Proofed:** none.**Location:** Albany County, Wyoming, USA. Laramie.**Habitat:** Open plains, rather local.**Collector:** Aven Nelson #8152.**Date:** 27 August 1900.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Bull. Torrey Bot. Club 28:233. 1901.**Machaeranthera ramosa A. Nelson****Type Status: Isotype****Accession No:** 7146**Bar Code:** 377374**Proofed:** none.**Location:** Albany County, Wyoming, USA. Laramie.**Habitat:** Open plains, rather local.**Collector:** Aven Nelson #8152.**Date:** 27 August 1900.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Bull. Torrey Bot. Club 28:233. 1901.**Machaeranthera selbyi P.A. Rydberg****Type Status: Paratype****Accession No:** 269508**Bar Code:** 377408**Proofed:** none.**Location:** Ouray County, Colorado, USA. Ouray.**Habitat:** none. 8400 ft.**Collector:** L.M. Underwood #201. With A.D. Selby.**Date:** 9 September 1901.**Miscellaneous:** Originally identified as Machaeranthera. Flowers blue. Ht. 15 in. Repr. Status: Flr & Frt.**Annotations:** Machaeranthera selbyi P.A. Rydberg, duplicate paratype, det. Roland G. Hawk and Ronald L. Stuckey, 1971.**References:** Bull. Torrey Bot. Club 32:123. 1905.

**Machaeranthera selbyi P.A. Rydberg****Type Status: Paratype****Accession No:** 269507      **Bar Code:** 377390      **Proofed:** none.**Location:** Ouray County, Colorado, USA. Ouray.**Habitat:** none. 8400 ft.**Collector:** L.M. Underwood #202. With A.D. Selby.**Date:** 9 September 1901.**Miscellaneous:** Originally identified as Machaeranthera. Repr. Status: Flr & Frt.**Annotations:** Machaeranthera selbyi P.A. Rydberg, duplicate paratype, det. Roland G. Hawk and Ronald L. Stuckey, 1971.**References:** Bull. Torrey Bot. Club 32:123. 1905.**Melampodium bibracteatum S. Watson****Type Status: Isotype****Accession No:** 423437      **Bar Code:** 378117      **Proofed:** none.**Location:** Mexico, Mexico. Del Rio.**Habitat:** Fields.**Collector:** C.G. Pringle #3230.**Date:** 30 August 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 26:140. 1891.**Melampodium glabrum S. Watson****Type Status: Isotype****Accession No:** 423439      **Bar Code:** 378125      **Proofed:** none.**Location:** Jalisco, Mexico. Valley of the Lerma near La Barca.**Habitat:** none.**Collector:** C.G. Pringle #3863.**Date:** 16 September 1891.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 26:139. 1891.**Montanoa macrolepis Rob. & Greenm.****Type Status: Isotype****Accession No:** 423430      **Bar Code:** 378380      **Proofed:** none.**Location:** Oaxaca, Mexico. Gulches of hills of Las Sedas.**Habitat:** none. 6000 ft.**Collector:** C.G. Pringle #4932.**Date:** 29 September 1894.**Miscellaneous:** 3-5 feet. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 32:44. 1896.

**Oligonema heterophylla S. Watson****Type Status: Isotype****Accession No:** 423234**Bar Code:** 387076**Proofed:** none.**Location:** Mexico, Mexico. Del Rio.**Habitat:** Shallow water.**Collector:** C.G. Pringle #3236.**Date:** 30 August 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = Oligonema heterophylla S. Wats.**References:** Proc. Amer. Acad. 26:138. 1891.**Otopappus acuminatus S. Watson****Type Status: Isotype****Accession No:** 507751**Bar Code:** 391292**Proofed:** none.**Location:** Jalisco, Mexico. Slopes of barranca near Guadalajara.**Habitat:** none.**Collector:** C.G. Pringle #3837.**Date:** 11 September 1891.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = Notoptera tequilana var. acuminata Blake.**References:** Proc. Amer. Acad. 26:140. 1891.**Otopappus alternifolius B.L. Robinson****Type Status: Isotype****Accession No:** 423426**Bar Code:** 391300**Proofed:** none.**Location:** San Luis Potosi, Mexico. San Jose Pass.**Habitat:** Limestone hills.**Collector:** C.G. Pringle #3310.**Date:** 11 October 1890.**Miscellaneous:** 3-6 feet. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = Verbesina alternifolia Blake.**References:** Proc. Amer. Acad. 26:165. 1891.**Parthenium lozanium Bartlett****Type Status: ?****Accession No:** 149921**Bar Code:** 392670**Proofed:** none.**Location:** Nuevo Leon, Mexico. Hacienda, El Carrizo, and Sierra Madre above Monterrey.**Habitat:** Limestone ledges.**Collector:** F.L. Lozano. With C.G. Pringle 10247.**Date:** 1 May 1906.**Miscellaneous:** Original spelling Parthenium lozanoanum on label. 4 to 8 ft. From 2 locations and 2 elevations, 1000 ft. and 3000 ft. Plantae Mexicanae. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 44:636. 1909.

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<b>Pectis bracteata S. Watson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 424141	<b>Bar Code:</b> 392720	<b>Proofed:</b> none.
<b>Location:</b> Coahuila, Mexico. Carneros Pass.		
<b>Habitat:</b> Calcareous hills.		
<b>Collector:</b> C.G. Pringle #2403.		
<b>Date:</b> 3 September 1889.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> = <i>Dyssodia bracteata</i> Blake.		
<b>References:</b> Proc. Amer. Acad. 25:155. 1890.		
<b>Perezia capitata S. Watson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 424159	<b>Bar Code:</b> 397513	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Hillsides near Guadalajara.		
<b>Habitat:</b> Warm, rocky hillsides.		
<b>Collector:</b> C.G. Pringle #1859.		
<b>Date:</b> 4 December 1888.		
<b>Miscellaneous:</b> 5 to 8 feet high, widely branching. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 25:156. 1890.		
<b>Perezia cuernavacana Rob. &amp; Greenm.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 424161	<b>Bar Code:</b> 397521	<b>Proofed:</b> none.
<b>Location:</b> Morelos, Mexico. Woodlands above Cuernavaca.		
<b>Habitat:</b> Woodlands. 7000 ft.		
<b>Collector:</b> C.G. Pringle #6196.		
<b>Date:</b> 18 November 1895.		
<b>Miscellaneous:</b> Stems caespitose, 2-3 ft. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> = <i>Acourtia cuernavacana</i> Reveal & King.		
<b>References:</b> Proc. Amer. Acad. 32:50. 1896.		
<b>Perezia grandifolia S. Watson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 424162	<b>Bar Code:</b> 397539	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Hillsides near Guadalajara.		
<b>Habitat:</b> Cool rocky hillsides.		
<b>Collector:</b> C.G. Pringle #1858.		
<b>Date:</b> 10 December 1888.		
<b>Miscellaneous:</b> 6 to 10 feet high. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> = <i>Acourtia grandifolia</i> Reveal & King.		
<b>References:</b> Proc. Amer. Acad. 25:156. 1890.		

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<b>Perezia lozani Greenman</b>		<b>Type Status: Isotype?</b>
<b>Accession No:</b> 149454	<b>Bar Code:</b> 397547	<b>Proofed:</b> none.
<b>Location:</b> Hidalgo, Mexico. Between Metepec and Zontecomate Stations.		
<b>Habitat:</b> Under dry cliffs. 8500 ft.		
<b>Collector:</b> C.G. Pringle #8871.		
<b>Date:</b> 19 September 1904.		
<b>Miscellaneous:</b> Plantae Mexicanae. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 41:268. 1905.		
<b>Perezia michoacana B.L. Robinson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 424155	<b>Bar Code:</b> 397554	<b>Proofed:</b> none.
<b>Location:</b> Michoacan, Mexico. Hills near Patzcuaro.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #3988.		
<b>Date:</b> 20 December 1891.		
<b>Miscellaneous:</b> 4-6 feet high. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> = <i>Acourtia michoacana</i> Reveal & King.		
<b>References:</b> Proc. Amer. Acad. 27:179. 1892.		
<b>Perezia michoacana B.L. Robinson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 169466	<b>Bar Code:</b> 397562	<b>Proofed:</b> none.
<b>Location:</b> Michoacan, Mexico. Hills near Patzcuaro.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #3988.		
<b>Date:</b> 20 December 1891.		
<b>Miscellaneous:</b> 4-6 feet high. Plantae Mexicanae. Note attached to sheet: "As of 1931 this species was known only from this collection and possibly has not been recollected. Because of its rarity this specimen is counted as 3 for exchange purposes. L.A. Chareth." Repr. Status: Flr & Frt.		
<b>Annotations:</b> = <i>Acourtia michoacana</i> Reveal & King.		
<b>References:</b> Proc. Amer. Acad. 27:179. 1892.		
<b>Perityle batopilensis A.M. Powell</b>		<b>Type Status: Holotype</b>
<b>Accession No:</b> 328048	<b>Bar Code:</b> 397604	<b>Proofed:</b> none.
<b>Location:</b> Chihuahua, Mexico. Mpio. Batopilas. North side of Barranca de Batopilas between La Bufa and Quirare. 27° 08'N Lat. 107° 34'W Long.		
<b>Habitat:</b> Thorn forest to barrancan oak forest to lower pine-oak forest. 915-1890 msm. Brittle shrub on vertical rock faces near diagonal cave. 1590 m.		
<b>Collector:</b> Robert Bye #9276. With P. Kevan, M.E. Floyd, R. Shuster, D. Ford.		
<b>Date:</b> 26 March 1979.		
<b>Miscellaneous:</b> Flowers yellow. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Madroño 30:221. 1983.		

**Perityle batopilensis A.M. Powell****Type Status: Isotype****Accession No:** 390258**Bar Code:** 397612**Proofed:** none.**Location:** Chihuahua, Mexico. Mpio. Batopilas. North side of Barranca de Batopilas between La Bufa and Quirare. 27° 08'N Lat. 107° 34'W Long.**Habitat:** Thorn forest to barrancan oak forest to lower pine-oak forest. 915-1890 msm. Brittle shrub on vertical rock faces near diagonal cave. 1590 m.**Collector:** Robert Bye #9276. With P. Kevan, M.E. Floyd, R. Shuster, D. Ford.**Date:** 26 March 1979.**Miscellaneous:** Flowers yellow. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Madroño 30:221. 1983.**Perityle microcephala A. Gray****Type Status: Isotype****Accession No:** 423421**Bar Code:** 397620**Proofed:** none.**Location:** Chihuahua, Mexico. Mapula Mts.**Habitat:** Shaded places.**Collector:** C.G. Pringle #764.**Date:** 16 October 1886.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 21:391. 1886.**Perityle turneri A.M. Powell****Type Status: Isotype****Accession No:** 313732**Bar Code:** 397638**Proofed:** none.**Location:** Chihuahua, Mexico. 3.4 mi. E of El Palmito.**Habitat:** Growing in mats formed by Selaginella and ferns on rock faces, commonly in moist seeps; also at base of waterfall in small, steep canyon.**Collector:** A.M. Powell #1858.**Date:** 2 April 1970.**Miscellaneous:** Perennial with prostrate stems rooting in crevices; rays white, disc yellow. Chromosome number determined as  $n = 17II+II$ . Repr. Status: Flr.**Annotations:** none.**References:** Madroño 21:456. 1972.**Perymenium album S. Watson****Type Status: Isotype****Accession No:** 423126**Bar Code:** 397646**Proofed:** none.**Location:** Jalisco, Mexico. Mountains near Lake Chapala.**Habitat:** none.**Collector:** C.G. Pringle #2438.**Date:** 13 December 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 25:154. 1890.

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<b>Petradoria pumila (Nutt.) Greene var. petiolaris A. Nelson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 11810	<b>Bar Code:</b> 888230	<b>Proofed:</b> none.
<b>Location:</b> Sweetwater County, Wyoming, USA. North Vermillion Creek.		
<b>Habitat:</b> none.		
<b>Collector:</b> Aven Nelson #3581.		
<b>Date:</b> 17 July 1897.		
<b>Miscellaneous:</b> Original ID: <i>Petradoria pumila</i> (Nutt.) Greene. Repr. Status: Flr.		
<b>Annotations:</b> Isotype of <i>Petradoria pumila</i> (Nutt.) Greene var. <i>petiolaris</i> A. Nelson, det. C.A. Morse, 2006.		
<b>References:</b> Bull. Torrey Bot. Club 26:482. 1899.		
<b>Picradenia davidsonii Greene</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 53812	<b>Bar Code:</b> 405548	<b>Proofed:</b> none.
<b>Location:</b> Arizona, USA. Clifton.		
<b>Habitat:</b> none.		
<b>Collector:</b> Davidson #sn.		
<b>Date:</b> none.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> <i>Hymenoxys odorata</i> DC., det. K.F. Parker 1949.		
<b>References:</b> Pittonia 4:240. 1901.		
<b>Picradenia davidsonii Greene</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 53811	<b>Bar Code:</b> 405530	<b>Proofed:</b> none.
<b>Location:</b> Arizona, USA. Clifton.		
<b>Habitat:</b> none.		
<b>Collector:</b> Davidson #sn.		
<b>Date:</b> none.		
<b>Miscellaneous:</b> Originally identified as <i>Hymenoxys davidsonii</i> (Greene) Ckll. 2 specimens on sheet; 1 is isotype, other is specimen of same species from Metcalf, AZ, 5 May 1900, Davidson no. 236. Repr. Status: Flr.		
<b>Annotations:</b> <i>Hymenoxys odorata</i> DC., det. K.F. Parker 1949.		
<b>References:</b> Pittonia 4:240. 1901.		
<b>Piquiera laxiflora B.L. Rob. &amp; Sea.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423402	<b>Bar Code:</b> 405621	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Canyons of mountains near Lake Chapala.		
<b>Habitat:</b> Cool slopes and ledges.		
<b>Collector:</b> C.G. Pringle #4323.		
<b>Date:</b> 23 November 1892.		
<b>Miscellaneous:</b> <i>Plantae Mexicanae</i> . Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 28:107. 1893.		

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<b>Piquiera pringlei B.L. Rob. &amp; Sea.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423404	<b>Bar Code:</b> 405639	<b>Proofed:</b> none.
<b>Location:</b> Mexico, Mexico. Nevada de Toluca.		
<b>Habitat:</b> In pine woods.		
<b>Collector:</b> C.G. Pringle #4285.		
<b>Date:</b> 26 September 1892.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> = <i>Piquiera pilosa</i> var. <i>pringlei</i> Rob.		
<b>References:</b> Proc. Amer. Acad. 28:107. 1893.		
<b>Ptilocalais tenuifolia Osterhout</b>		<b>Type Status: Syntype</b>
<b>Accession No:</b> 321168	<b>Bar Code:</b> 406058	<b>Proofed:</b> none.
<b>Location:</b> Grand County, Colorado, USA. Sulphur Springs.		
<b>Habitat:</b> none.		
<b>Collector:</b> G.E. Osterhout #3235.		
<b>Date:</b> 11 June 1906.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Muhlenbergia 1:142. 1906.		
<b>Ratibida columnifera var. breviradiata Cockerell</b>		<b>Type Status: Holotype</b>
<b>Accession No:</b> 201747	<b>Bar Code:</b> 406199	<b>Proofed:</b> none.
<b>Location:</b> Boulder County, Colorado, USA. Boulder.		
<b>Habitat:</b> none.		
<b>Collector:</b> T.D.A. Cockerell #sn.		
<b>Date:</b> July 1914.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Amer. Naturalist 49: 620. 1915.		
<b>Sabazia anomala Greenman</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 149349	<b>Bar Code:</b> 406314	<b>Proofed:</b> none.
<b>Location:</b> Hidalgo, Mexico. Buena Vista Station.		
<b>Habitat:</b> none. 8000 ft.		
<b>Collector:</b> C.G. Pringle #8853.		
<b>Date:</b> 7 August 1904.		
<b>Miscellaneous:</b> Plantae Mexicanae. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 41:262. 1905.		



**Sabazia glabra S. Watson****Type Status: Isotype****Accession No:** 423391**Bar Code:** 406322**Proofed:** none.**Location:** Chihuahua, Mexico. Base of the Sierra Madre.**Habitat:** Shallow water, pine plains.**Collector:** C.G. Pringle #1295.**Date:** 27 September 1887.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = Jaegeria glabra Robinson.**References:** Proc. Amer. Acad. 23:277. 1888.**Sabazia subnuda B.L. Rob. & Sea.****Type Status: Isotype****Accession No:** 423394**Bar Code:** 406330**Proofed:** none.**Location:** Mexico, Mexico. Nevada de Toluca.**Habitat:** In pine forests. 12000 ft.**Collector:** C.G. Pringle #4226.**Date:** 2 September 1892.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 28:108. 1893.**Saussurea weberi Hulten****Type Status: Holotype?****Accession No:** 10984**Bar Code:** 406561**Proofed:** none.**Location:** Park County, Colorado, USA. Mount Lincoln.**Habitat:** none. 14297 ft.**Collector:** W. Huestis #sn.**Date:** 14 August 1905.**Miscellaneous:** Originally identified as *Saussurea densa* (Hook.) Rydb. Repr. Status: Flr & Frt.**Annotations:** *Saussurea alpina* DC., det. H.D. Harrington 1949. / *Saussurea weberi* Hulten, Type, det. Eric Hulten, no date.**References:** Svensk Bot. Tidskr. 53: 202. 1959.**Schkuhria glomerata B. L. Rob. & Seaton****Type Status: Isotype****Accession No:** 423381**Bar Code:** 406645**Proofed:** none.**Location:** Mexico, Mexico. Hills of Rio Hondo.**Habitat:** none.**Collector:** C.G. Pringle #4289.**Date:** 23 September 1892.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 28: 109. 1893.

**Senecio chapalensis S. Watson****Type Status: Isotype****Accession No:** 423528**Bar Code:** 406843**Proofed:** none.**Location:** Jalisco, Mexico. Mountains near Lake Chapala.**Habitat:** none.**Collector:** C.G. Pringle #2419.**Date:** 17 December 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = Roldana chapalensis (Wats.) H. Rob.**References:** Proc. Amer. Acad. 25: 155. 1890.**Senecio chihuahuensis S. Watson****Type Status: Isotype****Accession No:** 423529**Bar Code:** 406850**Proofed:** none.**Location:** Chihuahua, Mexico. Ledges of Sierra Madre.**Habitat:** With Populus tremuloides. 9700 ft.**Collector:** C.G. Pringle #1318.**Date:** 7 October 1887.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 23: 280. 1888.**Senecio cyclophyllus Greenm.****Type Status: Isotype****Accession No:** 149935**Bar Code:** 406868**Proofed:** none.**Location:** Nuevo Leon, Mexico. Sierra Madre above Monterrey.**Habitat:** 2,500 to 3,000 ft. altitude.**Collector:** C.G. Pringle #10230.**Date:** 31 March 1906.**Miscellaneous:** Plantae Mexicanae. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Publ. Field Columbian Mus., Bot. Ser. 2: 276. 1907.**Senecio cyclophyllus Greenm.****Type Status: Isotype****Accession No:** 451006**Bar Code:** 406876**Proofed:** none.**Location:** Nuevo Leon, Mexico. Sierra Madre above Monterrey.**Habitat:** 2,500 to 3,000 ft. altitude.**Collector:** C.G. Pringle #10230.**Date:** 31 March 1906.**Miscellaneous:** Plantae Mexicanae. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Publ. Field Columbian Mus., Bot. Ser. 2: 276. 1907.

**Senecio ertterae T. M. Barkley****Type Status: Isotype****Accession No:** 288766**Bar Code:** 406884**Proofed:** none.**Location:** Malheur County, Oregon, USA. Leslie Gulch, east of Lake Owyhee, 2.3 miles below Mud Springs, just east of the dirt road.**Habitat:** On an exposed tannish, ashy-clay slope, associated with *Artemisia*, *Eriogonum novonudum*, and *Bromus*.**Collector:** James L. Reveal #3891. With Barbara J. Ertter.**Date:** 13 July 1975.**Miscellaneous:** Originally identified as *Senecio barbarae* T.M. Barkley, non Cabrera 1974. Plants annual, up to 6.5 dm high; rays yellow, 8-13. N = 20 (counted by S. Tomb). Repr. Status: Flr.**Annotations:** *Senecio ertterae* T. M. Barkley, Type collection, det. T.M. Barkley 1977.**References:** N. Amer. Fl. ser. 2, pt. 10: 124. 1978.**Senecio ganderi T. M. Barkley & R. M. Beauch.****Type Status: Isotype****Accession No:** 271002**Bar Code:** 406892**Proofed:** none.**Location:** San Diego County, California, USA. North slope of southeast ridge, Lawson Peak. 32° 43.0' N Lat. 116° 42.4' W Long.**Habitat:** Common under shrubs of chaparral and also common burn, north slope of ridge. 725 m.**Collector:** Reid Moran #21038. With Mike Douglas.**Date:** 23 May 1973.**Miscellaneous:** Lower stems, petioles and undersides of leaves commonly purple. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 26: 106. 1974.**Senecio guadalajarensis B. L. Robinson****Type Status: Isotype****Accession No:** 423530**Bar Code:** 406900**Proofed:** none.**Location:** Jalisco, Mexico. Barranca near Guadalajara.**Habitat:** Rich slopes of barranca.**Collector:** C.G. Pringle #3280.**Date:** 10 September 1890.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = *Roldana guadalarensis* H. Rob. & Brettell.**References:** Proc. Amer. Acad. 26: 166. 1891.

**Senecio hallii var. discoidea W. A. Weber****Type Status: Isotype****Accession No:** 61537**Bar Code:** 406918**Proofed:** none.**Location:** Saguache County, Colorado, USA. Along road to Stone Cellar R.S. and Saguache Park near junct. with main Hwy. 4 mi. w. of Cochetopa Pass.**Habitat:** Volcanic ash deposits. 9700 ft.**Collector:** W.A. Weber #5800.**Date:** 28 July 1950.**Miscellaneous:** Originally identified as *Senecio hallii* Britton (discoid form); Dupl. det. J.M. Greenman 1950. Repr. Status: Flr.**Annotations:** none.**References:** Univ. Colorado Stud. Ser. Biol. 3: 104. 1955.**Senecio molinarius Greenman****Type Status: Isotype****Accession No:** 106120**Bar Code:** 406929**Proofed:** none.**Location:** Archuleta County, Colorado, USA. Pagosa Springs.**Habitat:** none. 7000 ft.**Collector:** Benjamin H. Smith #sn.**Date:** 15 May 1894.**Miscellaneous:** Originally identified as *Senecio canus* Hook. Repr. Status: Flr.**Annotations:** Isotype of *Senecio molinarius* Greenm., det. T. Barkley 1972. / *Senecio werneriaefolius* A. Gray, det. T.M. Barkley 1973. / *Senecio werneriaefolius* A. Gray, det. J. Bain 1983.**References:** Ann. Missouri Bot. Gard. 5: 65. 1918.**Senecio monteryanus S. Watson****Type Status: Isolectotype****Accession No:** 423533**Bar Code:** 406934**Proofed:** none.**Location:** Nuevo Leon, Mexico. Sierra Madre near Monterey.**Habitat:** Dry shaded ledges.**Collector:** C.G. Pringle #1922.**Date:** 27 June 1888.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** Isolectotype of *Senecio monteryanus* S. Watson, det. Craig C. Freeman 1985.**References:** Proc. Amer. Acad. 25: 155. 1890.**Senecio platypus Greenman****Type Status: Isotype****Accession No:** 149515**Bar Code:** 406959**Proofed:** none.**Location:** Nuevo Leon, Mexico. Sierra Madre above Monterrey.**Habitat:** Limestone ledges. 3000 ft.**Collector:** C.G. Pringle #10352.**Date:** 21 December 1906.**Miscellaneous:** *Plantae Mexicanae*. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Publ. Field Columbian Mus., Bot. Ser. 2: 278. 1907.

**Senecio pringlei A. Gray****Type Status: Isotype****Accession No:** 423541**Bar Code:** 406975**Proofed:** none.**Location:** Chihuahua, Mexico. Mapula Mountains.**Habitat:** Shaded places.**Collector:** C.G. Pringle #763.**Date:** October 1886.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 22: 307. 1887.**Senecio prionoapterus B. L. Rob. & Greenm.****Type Status: Isotype****Accession No:** 423542**Bar Code:** 406983**Proofed:** none.**Location:** Oaxaca, Mexico. Hills, Las Sedas.**Habitat:** none. 6000 ft.**Collector:** C.G. Pringle #6282.**Date:** 3 December 1895.**Miscellaneous:** Herbaceous, 1-3 feet. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 32: 49. 1896.**Senecio spribillei W.A. Weber****Type Status: Holotype****Accession No:** 500873**Bar Code:** 581926**Proofed:** none.**Location:** Lincoln County, Montana, USA. Cabinet Mountains, east face of Snowshoe Peak, ca. 150 ft. below the summit. 48° 13' 40" N Lat. 115° 40'40" W Long.**Habitat:** On sparsely vegetated alpine ledges, with *Dryas octopetala* and *Carex albonigra*. 2500 m.**Collector:** Toby Spribille #11264. With M. Arvidson.**Date:** 25 August 2001.**Miscellaneous:** This nunatak site is 4000 ft. above the nearest trailhead, and about a 12 hour bushwhack one way; the site probably stuck out a good 700 meters through the ice. Repr. Status: Flr & Frt.**Annotations:** *Senecio amplexens* Peter Lesica July, 2008**References:** ined.**Senecio umbraculifera S. Watson****Type Status: Isotype****Accession No:** 423546**Bar Code:** 406991**Proofed:** none.**Location:** Chihuahua, Mexico. Summits of the Sierra Madre.**Habitat:** none. 9700 ft.**Collector:** C.G. Pringle #1316.**Date:** 3 October 1887.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Packera umbraculifera* (Wats.) Weber & Love.**References:** Proc. Amer. Acad. 23:279. 1888.

**Senecio yukonensis A. E. Porsild****Type Status: Isotype****Accession No:** 247647**Bar Code:** 407007**Proofed:** none.**Location:** Yukon Territory, Canada. Canol Rd.: East side of Rose R. valley; granite mountain opposite mile 85-90.**Habitat:** Mossy north summit. 6000 ft.**Collector:** A.E. Porsild #10187. With A.J. Breitung.**Date:** 6 July 1944.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** Tephroseris yukonensis (Porsild) Loeve & Loeve.**References:** Canad. Field-Naturalist 64: 44. 1950.**Solidago juliae G. L. Nesom****Type Status: Isotype****Accession No:** 446237**Bar Code:** 407197**Proofed:** none.**Location:** Kerr County, Texas, USA. Along Guadalupe River on the S side of Hwy 27, ca. 1 mi E of jct. with Hwy 39 in Ingram, between Ingram and Kerrville.**Habitat:** Rocky area in river with large cypress trees along banks. Common along edge of river, among rocks.**Collector:** Guy Nesom #7212. With Julia Nesom.**Date:** 23 September 1989.**Miscellaneous:** Population voucher for chromosome count of n=9 pairs. Plants 4-6 feet tall. Repr. Status: Flr.**Annotations:** none.**References:** Phytologia 67: 445. 1989.**Solidago rubra Rydberg****Type Status: Isotype****Accession No:** 321183**Bar Code:** 407205**Proofed:** none.**Location:** Jackson County, Colorado, USA. North Park.**Habitat:** none.**Collector:** G.E. Osterhout #1796.**Date:** 3 September 1899.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Bull. Torrey Bot. Club 31: 649. 1905

<b>Sphaeromeria ruthiae A. H. Holmgren, L. Shultz &amp; Lowrey</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 303828	<b>Bar Code:</b> 408047	<b>Proofed:</b> none.
<b>Location:</b> Washington County, Utah, USA. Lower Walter's Wiggles on west-facing cliffs, east side of Refrigerator Canyon, Zion National Park.		
<b>Habitat:</b> Plants confined to crevices of Navajo Sandstone. 4800 ft.		
<b>Collector:</b> A.H. Holmgren #16003. With Leila Shultz, Timothy K. Lowrey.		
<b>Date:</b> 20 September 1974.		
<b>Miscellaneous:</b> Becoming woody at base; stems bearing inflorescences usually extending downward from base of plant, but sometimes erect on short stems; plants not seen above Walter's Wiggles or out of Refrigerator Canyon. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Brittonia 28: 257. 1976.		
<b>Stenotus latifolius A. Nelson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 332273	<b>Bar Code:</b> 408146	<b>Proofed:</b> none.
<b>Location:</b> Utah, USA. Provo, Wasatch Mountains.		
<b>Habitat:</b> Granite ledges.		
<b>Collector:</b> Leslie N. Goodding #1111.		
<b>Date:</b> 16 June 1902.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Bot. Gaz. 37: 266. 1904.		
<b>Stephanomeria carotifera Hoover</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 230617	<b>Bar Code:</b> 408153	<b>Proofed:</b> none.
<b>Location:</b> San Luis Obispo County, California, USA. Santa Lucia Range. San Bernardo Creek.		
<b>Habitat:</b> In clay among serpentine rocks, both north and south slopes.		
<b>Collector:</b> R.F. Hoover #9206.		
<b>Date:</b> 13 August 1964.		
<b>Miscellaneous:</b> none. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Leaf. W. Bot. 10: 252. 1966.		
<b>Stephanomeria fluminea Gottlieb</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 474231	<b>Bar Code:</b> 408161	<b>Proofed:</b> none.
<b>Location:</b> Teton County, Wyoming, USA. Pilgrim Creek, north of trailhead in Bridger-Teton National Forest, north of boundary with Grand Teton National Park. TRS: T46N R114W Sec20 E½.		
<b>Habitat:</b> Gravel bars in creek. 7200 ft. 2200 m.		
<b>Collector:</b> Gottlieb #9807. With Ford.		
<b>Date:</b> 15 August 1998.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Madroño 46: 58. 1999.		

**Stephanomeria monocephala Moran****Type Status: Isotype****Accession No:** 240322**Bar Code:** 408179**Proofed:** none.**Location:** Baja California, Mexico. Sierra San Pedro Martir. East slope of Cerro "2828", on east rim. 31° 02' N Lat. 115° 27' W Long.**Habitat:** Common in crevices of north- and east-facing rocks and cliffs. 2800 m.**Collector:** Reid Moran #15261.**Date:** 5 July 1968.**Miscellaneous:** Cushion to 3 dm wide and 1 dm high, the interstices packed solid with soil; juice milky. Heads 14-21 mm [diam], light to deep pink, rarely white, 5-8 flowered. Ligules 7-10 mm long, 3-4½ mm wide, oblong-elliptic, truncate. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Trans. San Diego Soc. Nat. Hist. 15: 291. 1969.**Stevia pringlei S. Watson****Type Status: Isotype****Accession No:** 423520**Bar Code:** 408211**Proofed:** none.**Location:** Chihuahua, Mexico. Foothills of the Sierra Madre.**Habitat:** none.**Collector:** C.G. Pringle #1301.**Date:** 13 September 1887.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Cronquistia pringlei* R.M. King.**References:** Proc. Amer. Acad. 23: 276. 1888.**Stevia serrata var. ovalis B. L. Robinson****Type Status: Isotype****Accession No:** 423501**Bar Code:** 408229**Proofed:** none.**Location:** Jalisco, Mexico. Rocky hills near Guadalajara.**Habitat:** Rocky hills.**Collector:** C.G. Pringle #4491.**Date:** 28 August 1893.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. (= Palmer 309). Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. Arts 29: 317. 1894.**Tanacetum bajacalifornicum Moran****Type Status: Isotype****Accession No:** 240109**Bar Code:** 408278**Proofed:** none.**Location:** Baja California, Mexico. Sierra San Pedro Martir. North slope of Cerro "2828". 31° 02' N Lat. 115° 27' W Long.**Habitat:** Common, mostly in rock crevices. 2800 m.**Collector:** Reid Moran #15613.**Date:** 14 September 1968.**Miscellaneous:** Forming dense cushions mostly ca. 1 dm [diam.]. Heads hemispheric, 5-9 mm [diam.], 4-9 mm high. Repr. Status: Flr & Frt.**Annotations:** = *Tanacetum martirensis* Wiggins, det. R. Moran in letter, Nov. 1969.**References:** Trans. San Diego Soc. Nat. Hist. 15: 292. 1969.



**Taraxacum ammophilum Greene****Type Status: Isotype****Accession No:** 11956      **Bar Code:** 408294      **Proofed:** none.**Location:** Albany County, Wyoming, USA. Sand Creek.**Habitat:** Wet valleys among the hills.**Collector:** Aven Nelson #6987.**Date:** 1 June 1900.**Miscellaneous:** Originally identified as *Taraxacum ammophilum* A. Nelson. Isotype, det. Or verified by R. Doll, Greifswald, 1986. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Pittonia 4: 233. 1901.**Tetraneuris epunctata A. Nelson****Type Status: Isotype****Accession No:** 332272      **Bar Code:** 408344      **Proofed:** none.**Location:** Utah, USA. Dyer Mine, Uintah Mountains.**Habitat:** Stony subalpine slopes.**Collector:** Leslie N. Goodding #1236.**Date:** 3 July 1902.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** *Tetraneuris acaulis* (Pursh) Greene var. *epunctata* (A. Nelson) Kartesz & Gandhi, det. Mark W. Bierner, 2003. / ISOTYPE *Tetraneuris epunctata* A. Nelson, det. Mark W. Bierner, 2003.**References:** Bot. Gaz. 37: 275. 1904.**Thelesperma caespitosum Dorn****Type Status: Isotype****Accession No:** 444346      **Bar Code:** 410209      **Proofed:** none.**Location:** Sweetwater County, Wyoming, USA. TRS: T18N R106W Sec31 SE¼ of SE¼.**Habitat:** Barren white shale ridge with *Cryptantha caespitosa*, *Haplopappus armerioides*. 6200 ft.**Collector:** R. Dorn #4948.**Date:** 22 June 1988.**Miscellaneous:** Also Sec32 SW¼ of SW¼. Repr. Status: Flr.**Annotations:** none.**References:** Madroño 37: 293. 1991.**Townsendia formosa Greene****Type Status: Isotype****Accession No:** 50290      **Bar Code:** 410266      **Proofed:** none.**Location:** Grant County, New Mexico, USA. South end of the Black Range. Sawyer's Peak.**Habitat:** none. 9000 ft.**Collector:** O.B. Metcalfe #1434.**Date:** 30 September 1904.**Miscellaneous:** Originally identified as *Townsendia pinetorum* Greene. Repr. Status: Flr.**Annotations:** *Townsendia formosa* Greene, Isotype, det. John H. Beaman 1956.**References:** Leafl. Bot. Observ. Crit. 1: 213. 1906.

**Townsendia gypsophila Lowrey & P. J. Knight****Type Status: Isotype****Accession No:** 453874**Bar Code:** 410274**Proofed:** none.**Location:** Sandoval County, New Mexico, USA. West of White Mesa, 3 km west of San Ysidro. 35° 31' 8" N Lat. 106° 51' 39" W Long.**Habitat:** West slope of narrow ridge, on weathered gypsum on the contact of the Todilto and Morrison formations. 1798 m.**Collector:** T. Lowrey #1523. With P. Knight, I. Sanders.**Date:** 13 September 1992.**Miscellaneous:** Ray corollas white to pinkish, disk corollas yellow. Associated plants: *Atriplex canescens*, *Artemisia* sp., *Ephedra* sp. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 46: 194. 1994.**Townsendia hookeri Beaman****Type Status: Holotype****Accession No:** 12061**Bar Code:** 410282**Proofed:** none.**Location:** Jefferson County, Colorado, USA. Mt. Vernon Canon.**Habitat:** Dry hills. 1730 m.**Collector:** I.W. Clokey #4338.**Date:** 13 April 1920.**Miscellaneous:** Originally identified as *Townsendia exscapa* (Richards) Porter. Repr. Status: Flr.**Annotations:** *Townsendia hookeri* Beaman, Type, det. John H. Beaman 1956.**References:** Contr. Gray Herb. 183: 95. 1957.**Townsendia jonesii var. tumulosa Reveal****Type Status: Isotype****Accession No:** 247280**Bar Code:** 410290**Proofed:** none.**Location:** Clark County, Nevada, USA. NW Las Vegas Valley Drainage Basin. 1 mi. no. of Deer Creek along hwy, Charleston Mtns. TRS: T19S R57E Sec7.**Habitat:** Locally common on gravelly limestone soils. Vegetation type: *Abies*, *Pinus*, *Cercocarpus*. 8400 ft.**Collector:** J.L. Reveal #1326.**Date:** 17 June 1968.**Miscellaneous:** Rays white above, rose to dark red below, glandular; phyllaries broadly lanceolate to obovate; lvs spatulate to broadly oblanceolate. Flora of US AEC Nevada Test Site & Vicinity. Repr. Status: Flr.**Annotations:** none.**References:** Great Basin Naturalist 30: 37. 1970.

<b>Townsendia smithii L. Shultz &amp; A. H. Holmgren</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 342833	<b>Bar Code:</b> 410308	<b>Proofed:</b> none.
<b>Location:</b> Mohave County, Arizona, USA. Black Rock Mountain, 2.2 miles east of Sullivan Springs and 11.5 airline miles southeast of Littlefield. TRS: T39N R14W Sec11.		
<b>Habitat:</b> Red basaltic soils among sagebrush, openings in Pinus ponderosa woodland. 7800 ft. 2380 m.		
<b>Collector:</b> A. Holmgren #16380. With L. Schultz, J. Schultz, F. Smith.		
<b>Date:</b> 4 June 1977.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Brittonia 32: 144. 1980.		
<b>Tridax palmeri var. indivisa B. L. Rob. &amp; Seaton</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423476	<b>Bar Code:</b> 410332	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Mountains near Lake Chapala.		
<b>Habitat:</b> Canyon ledges.		
<b>Collector:</b> C.G. Pringle #4332.		
<b>Date:</b> 18 November 1892.		
<b>Miscellaneous:</b> Stems 2-3 feet, several from a perennial base. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 28: 109. 1893.		
<b>Trixis hyposericea S. Watson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423470	<b>Bar Code:</b> 410381	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. The barranca near Guadalajara.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #1741.		
<b>Date:</b> 30 October 1888.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 25: 157. 1890.		
<b>Verbesina chihuahuensis A. Gray</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423548	<b>Bar Code:</b> 410431	<b>Proofed:</b> none.
<b>Location:</b> Chihuahua, Mexico. Ledges, Santa Eulalia Mts.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #657.		
<b>Date:</b> 10 September 1885.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 21: 389. 1886.		

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<b>Verbesina oncophora B. L. Rob. &amp; Seaton</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423553	<b>Bar Code:</b> 410449	<b>Proofed:</b> none.
<b>Location:</b> Mexico, Mexico. Sierra de las Cruces.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #4310.		
<b>Date:</b> 21 October 1892.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 28: 109. 1893.		
<b>Verbesina oncophora B. L. Rob. &amp; Seaton</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 169495	<b>Bar Code:</b> 410464	<b>Proofed:</b> none.
<b>Location:</b> Mexico, Mexico. Sierra de las Cruces.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #4310.		
<b>Date:</b> 21 October 1892.		
<b>Miscellaneous:</b> Plantae Mexicanae. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 28: 109. 1893.		
<b>Verbesina pringlei B. L. Robinson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423558	<b>Bar Code:</b> 410472	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Barranca near Guadalajara.		
<b>Habitat:</b> Dry rocky bluffs of barranca.		
<b>Collector:</b> C.G. Pringle #3845.		
<b>Date:</b> 12 September 1891.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 27: 175. 1892.		
<b>Verbesina trilobata B. L. Rob. &amp; Greenm.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423452	<b>Bar Code:</b> 410480	<b>Proofed:</b> none.
<b>Location:</b> Oaxaca, Mexico. Monte Alban.		
<b>Habitat:</b> Rocky gulches. 5600 ft.		
<b>Collector:</b> C.G. Pringle #4875.		
<b>Date:</b> 15 August, 4 October 1894.		
<b>Miscellaneous:</b> 5-10 feet. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 32: 46. 1896.		

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<b>Verbesina variabilis B. L. Rob. &amp; Greenm.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423454	<b>Bar Code:</b> 410498	<b>Proofed:</b> none.
<b>Location:</b> Oaxaca, Mexico. Sierra de San Felipe.		
<b>Habitat:</b> none. 9500 ft.		
<b>Collector:</b> C.G. Pringle #4918.		
<b>Date:</b> 24 September 1894.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. Arts 32: 47. 1896.		
<b>Viguiera pringlei B. L. Rob. &amp; Greenm.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423050	<b>Bar Code:</b> 410522	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Hills near Zapotlan.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #4365.		
<b>Date:</b> 12 May 1893.		
<b>Miscellaneous:</b> A shrub 5-10 ft. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 29: 387. 1894.		
<b>Wyethia mexicana S. Watson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423466	<b>Bar Code:</b> 411611	<b>Proofed:</b> none.
<b>Location:</b> Nuevo Leon, Mexico. Grassy foothills of the Sierra Madre near Monterey.		
<b>Habitat:</b> Grassy foothills.		
<b>Collector:</b> C.G. Pringle #1923.		
<b>Date:</b> 22 June 1888.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> = <i>Vigethia mexicana</i> W.A. Weber		
<b>References:</b> Proc. Amer. Acad. 25:154. 1890.		
<b>Xanthium commune var. wootoni Cockerell</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 12267	<b>Bar Code:</b> 412916	<b>Proofed:</b> none.
<b>Location:</b> New Mexico, USA. Las Vegas.		
<b>Habitat:</b> none.		
<b>Collector:</b> T.D.A. Cockerell #sn.		
<b>Date:</b> unknown.		
<b>Miscellaneous:</b> A species or var. common in northern New Mex. which apparently arose in recent times by mutation. The burs are only about half as numerous as the common cocklebur. On 1 occasion only, both kinds of bur found on same plant. The var. comes true from seed. Repr. Status: Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Biol. Soc. Wash. 16: 9. 1903.		

**Xanthocephalum durangense M. A. Lane****Type Status: Isotype****Accession No:** 389993**Bar Code:** 412924**Proofed:** none.**Location:** Durango, Mexico. 26.5 km (16.5 mi) NE of Cd. Durango (intersection of hwy 40 & 45) on hwy 40.**Habitat:** Wet grasslands, in swales beside road. Assoc.: Acacia, Grindelia, grasses. 6200 ft. 1889 m.**Collector:** Meredith A. Lane #2738. With D.W. Longstreth.**Date:** 24 August 1979.**Miscellaneous:** Originally not identified. Repr. Status: Flr.**Annotations:** Xanthocephalum durangense M. A. Lane, Isotype, det. Meredith A. Lane 1980.**References:** Syst. Bot. 8: 311. 1983.**Xanthocephalum gymnospermoides var. eradiatum M. A. Lane****Type Status: Isotype****Accession No:** 310688**Bar Code:** 412932**Proofed:** none.**Location:** Chihuahua, Mexico. Mpio. de Guachochic. Cusarare; along arroyo just NW of Cusarare church.**Habitat:** Among fence of cult. field. 2200 m.**Collector:** Robert Bye #8107. With W.A. Weber.**Date:** 14 October 1977.**Miscellaneous:** Originally not identified. Rayless, yellow-orange. Repr. Status: Flr & Frt.**Annotations:** Xanthocephalum gymnospermoides (Gray) B. & H., det. B.L. Turner, no date. / Xanthocephalum gymnospermoides var. eradiatum M. A. Lane, Isotype, det. Meredith A. Lane, 1980.**References:** Syst. Bot. 8: 315. 1983.**Xanthocephalum tomentellum B. L. Robinson****Type Status: Isotype****Accession No:** 423073**Bar Code:** 412957**Proofed:** none.**Location:** San Luis Potosi, Mexico. Hacienda de Angostura.**Habitat:** Alkaline meadows.**Collector:** C.G. Pringle #3761.**Date:** 11 July 1891.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = Stephanodoria tomentella Greene**References:** Proc. Amer. Acad. 27: 172. 1892.**Xanthocephalum tomentellum B. L. Robinson****Type Status: Isotype****Accession No:** 169494**Bar Code:** 412940**Proofed:** none.**Location:** San Luis Potosi, Mexico. Hacienda de Angostura.**Habitat:** Alkaline meadows.**Collector:** C.G. Pringle #3761.**Date:** 11 July 1891.**Miscellaneous:** Plantae Mexicanae. Repr. Status: Flr & Frt.**Annotations:** = Stephanodoria tomentella Greene**References:** Proc. Amer. Acad. 27: 172. 1892.

**Zaluzania discoidea A. Gray****Type Status: Isotype****Accession No:** 423064**Bar Code:** 413005**Proofed:** none.**Location:** Chihuahua, Mexico. Rocky hills near Chihuahua.**Habitat:** Rocky hills.**Collector:** C.G. Pringle #309.**Date:** 19 October 1885.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 21: 388. 1886.**Zaluzania resinosa S. Watson****Type Status: Isotype****Accession No:** 423069**Bar Code:** 413013**Proofed:** none.**Location:** Nuevo Leon, Mexico. Sierra Madre near Monterey.**Habitat:** none.**Collector:** C.G. Pringle #2412.**Date:** 24 August 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = Greenmaniella resinosa W.M. Sharp.**References:** Proc. Amer. Acad. 25: 153. 1890.**Family: Berberidaceae****Berberis fendleri Gray****Type Status: Isotype?****Accession No:** 262812**Bar Code:** 351049**Proofed:** none.**Location:** New Mexico, USA. Santa Fe.**Habitat:** none.**Collector:** A. Fendler #15.**Date:** 1847.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Mem. Amer. Acad. Arts & Sci. 3:5. 1848.**Family: Betulaceae****Alnus arguta var. cuprea Bartlett****Type Status: ?****Accession No:** 149545**Bar Code:** 342337**Proofed:** none.**Location:** Oaxaca, Mexico. Sierra de San Felipe.**Habitat:** By brooks. 7000 ft.**Collector:** C.G. Pringle #10251.**Date:** 27 May 1906.**Miscellaneous:** A medium sized tree. Plantae Mexicanae. N. var. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 44:610. 1909.

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<b>Alnus arguta var. subsericea Bartlett</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 149544	<b>Bar Code:</b> 342345	<b>Proofed:</b> none.
<b>Location:</b> Oaxaca, Mexico. Sierra de San Felipe.		
<b>Habitat:</b> By brooks. 7000 ft.		
<b>Collector:</b> C.G. Pringle #10252.		
<b>Date:</b> 27 May 1906.		
<b>Miscellaneous:</b> Plantae Mexicanae. N. var. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 44:610. 1909.		
<b>Alnus firmifolia Fernald</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 149745	<b>Bar Code:</b> 342352	<b>Proofed:</b> none.
<b>Location:</b> Federal District, Mexico. Mountains about Cima Station.		
<b>Habitat:</b> none. 9800 ft.		
<b>Collector:</b> C.G. Pringle #10040.		
<b>Date:</b> 30 August 1905.		
<b>Miscellaneous:</b> 20-40 ft. Repr. Status: Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 43:61. 1910.		
<b>Alnus tenuifolia forma incisa</b>		<b>Type Status: Holotype</b>
<b>Accession No:</b> 310669	<b>Bar Code:</b> 342360	<b>Proofed:</b> none.
<b>Location:</b> Summit County, Colorado, USA. Blue River, Knorr Ranch.		
<b>Habitat:</b> Wet area along small stream.		
<b>Collector:</b> Paul F. Gilbert #sn.		
<b>Date:</b> 12 September 1977.		
<b>Miscellaneous:</b> Several identical trees present. Forma nov. Repr. Status: Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Brittonia 33:325-331. 1981.		
<b>Betula andrewsii A. Nelson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 55136	<b>Bar Code:</b> 351072	<b>Proofed:</b> none.
<b>Location:</b> Boulder County, Colorado, USA. Green Mt.		
<b>Habitat:</b> none. 7000 ft.		
<b>Collector:</b> D.M. Andrews #sn.		
<b>Date:</b> 7 June 1907.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Bot. Gaz. 43:281. 1907.		



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<b>Family: Boraginaceae</b>		
<b>Cordia pringlei B.L. Robinson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 421167	<b>Bar Code:</b> 357822	<b>Proofed:</b> none.
<b>Location:</b> San Luis Potosi, Mexico. Las Palmas.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #3091.		
<b>Date:</b> 28 June 1890.		
<b>Miscellaneous:</b> Shrub, 10-15 feet. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 26:169. 1891.		
<b>Cryptantha creutzfeldtii Welsh</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 387130	<b>Bar Code:</b> 359893	<b>Proofed:</b> none.
<b>Location:</b> Emery County, Utah, USA. Ca 1.5 mi NW hwy 10, dirt rd. at Muddy Creek historical marker on ridge S of canal. TRS: T21S R6E Sec22.		
<b>Habitat:</b> Shadscale community. 6400 ft.		
<b>Collector:</b> S.L. Welsh #20470.		
<b>Date:</b> 14 May 1981.		
<b>Miscellaneous:</b> Originally identified as <i>Cryptantha jonesiana</i> (Payson) Payson. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Great Basin Naturalist 42:203. 1982.		
<b>Cryptantha gypsophila Reveal &amp; C.R. Broome</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 506423	<b>Bar Code:</b> 818450	<b>Proofed:</b> none.
<b>Location:</b> San Miguel County, Colorado, USA. Big Gypsum Valley, along the S22 Road, 0.4 mile north of Colorado Highway 141, this junction 8.2 miles southwest of Basin, above Big Gypsum Creek on low gypsum hills east of the dirt road. TRS: T44N R16W SEC29 SW¼. 38° 02' 21" N Lat. 108° 39' 54" W Long.		
<b>Habitat:</b> On low gypsum hills with <i>Atriplex</i> and <i>Eriogonum</i> . 6300 ft.		
<b>Collector:</b> James L. Reveal #8488. With C. Rose Broome.		
<b>Date:</b> 13 May 2004.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> ined.		

**Cryptantha johnstonii Higgins****Type Status: Isotype****Accession No:** 243857**Bar Code:** 359901**Proofed:** none.**Location:** Emery County, Utah, USA. On low rolling hills ca. 15 miles west of hwy 50-6 along the road from Woodside to Castle Dale.**Habitat:** Sandy clay soil; desert shrub community.**Collector:** Larry C. Higgins #1310.**Date:** 25 May 1968.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Great Basin Naturalist 28:195-196. 1968.**Cryptantha osterhoutii (Payson) Payson****Type Status: Isotype****Accession No:** 2436**Bar Code:** 359919**Proofed:** none.**Location:** Mesa County, Colorado, USA. Grand Junction.**Habitat:** none.**Collector:** G.E. Osterhout #6138.**Date:** 3 June 1921.**Miscellaneous:** Originally identified as *Oreocarya depressa*. Note on sheet: "This is not *O. depressa* nor any sp. that I am familiar with. . . when I have decided what disposition to make of it, I will let you know; E.B. Payson 1924". Repr. Status: Flr & Frt.**Annotations:** Isotype of *Cryptantha osterhoutii* (Payson) Payson, det. W.A. Weber 1947.**References:** Ann. Mo. Bot. Gard. 14:329. 1927.**Cryptantha shackletteana Higgins****Type Status: Isotype****Accession No:** 527877**Bar Code:** 834929**Proofed:** none.**Location:** Alaska, USA. About 1 mi. W of Eagle on SW-facing 40° slope of Eagle Bluff. 64°47'30" N Lat. 141°12'40" W Long.**Habitat:** SW-facing 40° slope of Eagle Bluff.**Collector:** L.P. Gough #sn.**Date:** 12 June 1979.**Miscellaneous:** Transferred from USGS Herbarium, Denver, CO (2005). Isotype. Area visited by Shacklette in June 1960 (see USGS Bull. 1198-F). Repr. Status: Flr.**Annotations:** none.**References:** Great Basin Nat. 29:28. 1969**Cryptantha weberi I.M. Johnston****Type Status: Isotype****Accession No:** 60028**Bar Code:** 359927**Proofed:** none.**Location:** Saguache County, Colorado, USA. Along road to Stone Cellar R.S. and Saguache Park, near junction of main highway, 4 mi. w. of Cochetopa Pass.**Habitat:** Volcanic ash deposits. 9700 ft.**Collector:** W.A. Weber #5778.**Date:** 28 July 1950.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** J. Arnold Arboretum 33:72. 1952.

**Ehretia cordifolia Robinson****Type Status: Isotype****Accession No:** 421139**Bar Code:** 363119**Proofed:** none.**Location:** Jalisco, Mexico. Valley, Zapotlan.**Habitat:** none.**Collector:** C.G. Pringle #4382.**Date:** 19 May 1893.**Miscellaneous:** A large tree. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 29:319. 1894.**Ehretia mexicana S. Watson****Type Status: Isotype****Accession No:** 421138**Bar Code:** 363127**Proofed:** none.**Location:** Jalisco, Mexico. Base of mountains near Lake Chapala.**Habitat:** none.**Collector:** C.G. Pringle #3085.**Date:** 19 May 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 26:144. 1891.**Hackelia ibapensis Shultz & J.S. Shultz****Type Status: Isotype****Accession No:** 352732**Bar Code:** 369652**Proofed:** none.**Location:** Juab County, Utah, USA. Deep Creek Mountain Range, Thom's Creek drainage, 3 miles NNE of Ibapah Peak.**Habitat:** Outcropping of Tertiary granitic intrusion, north-facing slopes, surrounding area wooded by *Pseudotsuga menziesii*; shrubs on outcrop: *Philadelphus microphyllus*, *Holodiscus dumosus*. 8300 ft. 2530 m.**Collector:** Leila M. Shultz #4350. With John S. Shultz.**Date:** 28 June 1980.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 33:159. 1981.**Heliotropium calcicola Fernald****Type Status: ?****Accession No:** 149741**Bar Code:** 369835**Proofed:** none.**Location:** Guerrero, Mexico. Iguala Canyon.**Habitat:** Limestone cliffs. 2500 ft.**Collector:** C.G. Pringle #10062.**Date:** 28 September 1905.**Miscellaneous:** Plantae Mexicanae. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 43:62. 1907.

**Heliotropium oculatum A. Heller****Type Status: Isotype****Accession No:** 103256**Bar Code:** 369843**Proofed:** none.**Location:** Sonoma County, California, USA. Bank of Russian river at Healdsburg.**Habitat:** Sandy bank.**Collector:** A.A. Heller #5813.**Date:** 8 July 1902.**Miscellaneous:** Originally identified as *Heliotropium flavoculum* Heller, n. sp. Repr. Status: Flr.**Annotations:** *Heliotropium oculatum* Heller, Isotype, det. J.H. Thomas 1955.**References:** *Muhlenbergia* 1:58. 1904.**Heliotropium pringlei B.L. Robinson****Type Status: Isotype****Accession No:** 423701**Bar Code:** 369850**Proofed:** none.**Location:** San Luis Potosi, Mexico. Las Canoas.**Habitat:** Thin soil of rocky hills.**Collector:** C.G. Pringle #3207.**Date:** 16 July 1890.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** *Proc. Amer. Acad.* 26:170. 1891.**Krynitzkia pattersoni A. Gray****Type Status: Isotype****Accession No:** 507703**Bar Code:** 371963**Proofed:** none.**Location:** Colorado, USA. Fair grounds, Denver.**Habitat:** none.**Collector:** Harry N. Patterson #sn.**Date:** August 1875.**Miscellaneous:** Synonymous with *Cryptantha pattersoni* (Gray) Greene. Repr. Status: Frt.**Annotations:** Although this is said to be an isotype of *C. pattersoni*, the plant actually belongs to *C. crassisejala*; dissection of calyx shows nutlets to be heteromorphic ...whether this is same material Gray had is a question.", det. W.A. Weber 1965**References:** *Proc. Amer. Acad.* 20:268. 1885.**Mertensia coriacea A. Nelson****Type Status: Isotype****Accession No:** 332282**Bar Code:** 378172**Proofed:** none.**Location:** Albany County, Wyoming, USA. Medicine Bow Mts.**Habitat:** In alpine rock slides.**Collector:** Aven Nelson #7870.**Date:** 1 August 1900.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** *Bull. Torrey Bot. Club* 29:402. 1902.

**Mertensia coronata A. Nelson****Type Status: Isotype?****Accession No:** 3141      **Bar Code:** 402446      **Proofed:** none.**Location:** Sweetwater County, Wyoming, USA. Leucite Hills.**Habitat:** Among the great rocks, often in shade.**Collector:** Aven Nelson #7071.**Date:** 9 June 1900.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** *Mertensia oblongifolia* (Nutt.) G. Don, var. *nevadensis* (A. Nels.) L. Wms., det. Louis O. Williams 1936.**References:** Bull. Torrey Bot. Club 29:403. 1902.**Mertensia micrantha A. Nelson****Type Status: Cotype****Accession No:** 507705      **Bar Code:** 378190      **Proofed:** none.**Location:** Boulder County, Colorado, USA. Sugar Loaf Mt.**Habitat:** none.**Collector:** Francis Ramaley #1750. With W.W. Robbins.**Date:** 14 July 1906.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** *Mertensia lanceolata* var. *secundorum* Ckll., det. Louis O. Williams 1936.**References:** Proc. Biol. Soc. Wash. 20:37. 1907.**Omphalodes mexicana S. Watson****Type Status: Isotype****Accession No:** 423690      **Bar Code:** 387084      **Proofed:** none.**Location:** Nuevo Leon, Mexico. Sierra Madre near Monterey.**Habitat:** Fissures of dry limerock.**Collector:** C.G. Pringle #1878.**Date:** 27 June 1888.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 25:158. 1890.**Oreocarya cilio-hirsuta A. Nels. & Macbr.****Type Status: Isotype****Accession No:** 332593      **Bar Code:** 391227      **Proofed:** none.**Location:** Lincoln County, Idaho, USA. Minidoka.**Habitat:** Loose soil of slopes.**Collector:** Aven Nelson #1799. With J.F. Macbride.**Date:** 23 June 1912.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Bot. Gaz. 55:378. 1913.

**Oreocarya multicaulis Greene var. laxa Macbr.****Type Status: Isotype****Accession No:** 423688**Bar Code:** 517946**Proofed:** none.**Location:** Chihuahua, Mexico. Sand hills near Paso del Norte.**Habitat:** Sand hills.**Collector:** C.G. Pringle #776.**Date:** 20 September 1886.**Miscellaneous:** Originally identified as *Krynitzkia jamesii* Gray. "Narrower-leaved form" - A. Gray. *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** *Cryptantha laxa* (Macbr.) B.L. Turner, det. B.L. Turner 2001. / *Oreocarya multicaulis* var. *laxa* Macbr., det. B.L. Turner 2001.**References:** Contr. Gray Herb. 48:35. 1916.**Family: Brassicaceae****Arabis aprica Osterhout in A. Nels.****Type Status: Isotype****Accession No:** 321165**Bar Code:** 342584**Proofed:** none.**Location:** Grand County, Colorado, USA. Sulphur Springs.**Habitat:** none.**Collector:** G.E. Osterhout #3540.**Date:** 26 June 1907.**Miscellaneous:** Originally identified as *Arabis rugocarpa* Osterh. Repr. Status: Frt.**Annotations:** none.**References:** Coulter & Nelson, New Man. 228. 1909.**Arabis gunnisoniana Rollins****Type Status: Isotype****Accession No:** 71918**Bar Code:** 176123**Proofed:** none.**Location:** Gunnison County, Colorado, USA. Near Saguache Creek, 6 miles east of Gunnison.**Habitat:** Barren rocky knoll. 2400 m.**Collector:** R.C. Rollins #2090.**Date:** 21 May 1938.**Miscellaneous:** Petals pink to purple. *Plantae Exsiccatae Grayanae* no. 1144. Repr. Status: Flr & Frt.**Annotations:** none.**References:** *Rhodora* XLIII:434, fig. 3, 390. 1941.**Arabis lasiocarpa Rollins****Type Status: Isotype****Accession No:** 379314**Bar Code:** 343723**Proofed:** none.**Location:** Rich County, Utah, USA. Wasatch Range, 6 miles west of Garden City, off U.S. Hwy. 89.**Habitat:** High ridge, growing in sedimentary rocks.**Collector:** Reed C. Rollins #79307. With Kathryn W. Rollins.**Date:** 22 June 1979.**Miscellaneous:** Flowers purplish, stems several from an elevated branching caudex, siliques loosely pendulous, pubescent or sometimes glabrous. Repr. Status: Frt.**Annotations:** none.**References:** Syst. Bot. 6:58-59. 1981.

**Arabis pulchra var. duchesnensis Rollins** **Type Status: Isotype****Accession No:** 379316 **Bar Code:** 343731 **Proofed:** none.**Location:** Duchesne County, Utah, USA. 3.8 miles E of Duchesne.**Habitat:** Stony hillside in juniper area.**Collector:** Reed C. Rollins #79113. With Kathryn W. Rollins.**Date:** 30 May 1979.**Miscellaneous:** Stems usually single from base; petals pink; siliques widely spreading, nearly straight. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Syst. Bot. 6:59. 1981.**Arabis pusilla Rollins** **Type Status: Isotype****Accession No:** 385479 **Bar Code:** 343749 **Proofed:** none.**Location:** Fremont County, Wyoming, USA. Off Wyo. State Hwy. 28, 39 miles southwest of Lander.**Habitat:** Growing in cracks and crevices of huge metamorphosed rocks.**Collector:** Reed C. Rollins #81366. With Kathryn W. Rollins.**Date:** 20 June 1981.**Miscellaneous:** Stems few from a simple or rarely close-branched caudex, arising below terminal cluster of erect leaves; pedicels at right angles to rachis; siliques widely spreading. Repr. Status: Frt.**Annotations:** none.**References:** Contr. Gray Herb. 212:107-108. 1982.**Arabis rugocarpa Osterhout** **Type Status: Isotype****Accession No:** 321166 **Bar Code:** 343756 **Proofed:** none.**Location:** Lake County, Colorado, USA. Malta.**Habitat:** none.**Collector:** G.E. Osterhout #2800.**Date:** 20 June 1903.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Bull. Torrey Bot. Club 31:357. 1904.**Arabis tiehmii Rollins** **Type Status: Isotype****Accession No:** 398795 **Bar Code:** 343764 **Proofed:** none.**Location:** Washoe County, Nevada, USA. Sierra Nevada, Carson Range, ridge north of Mt. Rose, 3/4 air mile NNW of the peak. TRS: T17N R18E Sec11.**Habitat:** Decomposed granite slopes, near rock outcrops. 10200 ft.**Collector:** Arnold Tiehm #7561.**Date:** 19 August 1982.**Miscellaneous:** ID det. by Reed C. Rollins 1983. Repr. Status: Frt.**Annotations:** none.**References:** J. Arnold Arbor. 64:496-497. 1983.

**Arabis vivariensis** Welsh**Type Status:** Isotype**Accession No:** 427607**Bar Code:** 343772**Proofed:** none.**Location:** Uintah County, Utah, USA. Jones Hole, National Fish Hatchery. TRS: T3S R25E Sec1.**Habitat:** Sandy calcareous gravel, Morgan Form. 6000 ft.**Collector:** Welsh #18341. With Neese.**Date:** 16 May 1979.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** none.**Arabis williamsii** Rollins**Type Status:** Isotype**Accession No:** 379312**Bar Code:** 343780**Proofed:** none.**Location:** Fremont County, Wyoming, USA. Off Wyo. Hwy. 28, east of the Continental Divide on the southeastern approach to the Wind River Mts., 42 miles NE of Farson.**Habitat:** Coarse granitic soil.**Collector:** Reed C. Rollins #79332. With Mark L. Rollins.**Date:** 26 June 1979.**Miscellaneous:** Stems one or rarely few from base; siliques erect. Repr. Status: Frt.**Annotations:** none.**References:** Syst. Bot. 6:62. 1981.**Asta pringlei** O.E. Schulz**Type Status:** Isotype**Accession No:** 421113**Bar Code:** 348169**Proofed:** none.**Location:** Coahuila, Mexico. Carneros Pass.**Habitat:** Thin soil of limestone ledges.**Collector:** C.G. Pringle #3271.**Date:** 27 September 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Originally identified as *Capsella* (?) *schaffneri* Watson. Repr. Status: Flr & Frt.**Annotations:** = *Asta schaffneri* var. *pringlei* (Schulz) Rollins, Contr. Dudley Herb. 3:197. 1941.**References:** Bot. Jahrb. 66:91. 1933.**Capsella stellata** S. Watson**Type Status:** Isotype**Accession No:** 421114**Bar Code:** 356428**Proofed:** none.**Location:** Coahuila, Mexico. Carneros Pass.**Habitat:** Limestone ledges.**Collector:** C.G. Pringle #3195.**Date:** 12 August 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = *Cibotarium stellatum* (Wats.) O.E. Schulz.**References:** Proc. Amer. Acad. 25:142. 1890.



**Cardamine lucens Suksdorf****Type Status: Isotype****Accession No:** 286422**Bar Code:** 356436**Proofed:** none.**Location:** Klickitat County, Washington, USA. Near my house, Bingen.**Habitat:** none.**Collector:** Wilhelm N. Suksdorf #7452.**Date:** 10, 12 April 1912.**Miscellaneous:** Originally identified as *Cardamine oligosperma* var. *lucens* G.S. Torrey. Repr. Status: Flr & Frt.**Annotations:** *Cardamine oligosperma* Nutt. var. *oligosperma*.**References:** *Rhodora* 20:198. 1918.**Cardamine rhizomata Rollins****Type Status: Isotype****Accession No:** 422068**Bar Code:** 356444**Proofed:** none.**Location:** Carchi, Ecuador. Nudo de Boliche; Voladero.**Habitat:** none. 4000 m.**Collector:** C. William Penland #870. With Robert H. Summers.**Date:** 10 June 1939.**Miscellaneous:** Slender herb w/ decumbent elongate base; lvs dullish dark green; sepals w/ purple; petals emarginate, pink-violet w/ darker venation; frts w/ light green valves, purplish replum. Gift from Colo. College. Repr. Status: Flr & Frt.**Annotations:** *Cardamine rhizomata* Rollins, det. Reed C. Rollins 1940.**References:** *J. Arn. Arb.* 21:392. 1940.**Descurainia ramosissima Rollins****Type Status: Isotype****Accession No:** 399119**Bar Code:** 362780**Proofed:** none.**Location:** Saguache County, Colorado, USA. Near State Route 17, 7 miles S of Villa Grove.**Habitat:** Sandy soil of an open plain.**Collector:** Reed C. Rollins #8349. With Kathryn W. Rollins.**Date:** 16 June 1983.**Miscellaneous:** Plts. compact, highly branched, foliage greenish; petals yellow, spreading but not unguiculate; siliques oblong, glabrous. Repr. Status: Flr & Frt.**Annotations:** none.**References:** *Contr. Gray Herb.* 214:3. 1984.**Disaccanthus luteus Greene****Type Status: Isotype****Accession No:** 50294**Bar Code:** 362913**Proofed:** none.**Location:** Sierra County, New Mexico, USA. Kingston.**Habitat:** Limestone hills. 7000 ft.**Collector:** O.B. Metcalfe #1593.**Date:** 2 May 1905.**Miscellaneous:** ID det. Dr. E.L. Greene. Repr. Status: Flr & Frt.**Annotations:** *Streptanthus arizonicus* Wats., det. Theodore J. Crovello 1975. / *Streptanthus validus* (Greene) Cory, det. R.C. Wittmann 1982.**References:** *Leafl. Bot. Observ. Crit.* 1:225. 1906.

**Dithyrea clinata J.F. Macbr. & Payson****Type Status: Isotype****Accession No:** 55144**Bar Code:** 362939**Proofed:** none.**Location:** , Mexico. Lagoon Head, Lower California [Baja California Norte].**Habitat:** none.**Collector:** Dr. E. Palmer #824.**Date:** March 1889.**Miscellaneous:** Originally identified as *Biscutella californica*. Repr. Status: Flr & Frt.**Annotations:** *Dithyrea clinata* Macbr. & Payson, Co-type, det. E.B. Payson, no date.**References:** Ann. Mo. Bot. Gard. 5:150. 1918.**Draba cusickii var. pedicellata Rollins****Type Status: Isotype****Accession No:** 506408**Bar Code:** 818468**Proofed:** none.**Location:** White Pine County, Nevada, USA. Cherry Creek Range, Pinenut Canyon, 2.2 road miles north of the Butte Valley road on the road to Last Chance Mine. TRS: T24N R62E SEC25.**Habitat:** Plants growing with pinyon-juniper, *Cercocarpus* on loose gravelly limestone slopes. 8200 ft.**Collector:** Arnold Tiehm #11242. With Margaret Williams.**Date:** 12 June 1987.**Miscellaneous:** none. Repr. Status: Frt.**Annotations:** none.**References:** Harvard Papers 3:73. 1991.**Draba oreibata var. serpentina Tiehm & P. Holmgren****Type Status: Isotype****Accession No:** 445857**Bar Code:** 362954**Proofed:** none.**Location:** White Pine County, Nevada, USA. Snake Range, upper Snake Creek drainage, west side of Pyramid Peak. TRS: T13N R68E Sec36.**Habitat:** Frequent among quartzite boulders, usually in cracks of rock, south exposure, with *Oxytropis parryi*, *Geum rossii* var. *turbinatum*, and spruce krummholz. 11400 ft. 3475 m.**Collector:** Noel H. Holmgren #2761. With James L. Reveal.**Date:** 28 June 1966.**Miscellaneous:** Stems weakly jointed to roots, which are usually lodged in crevices of rock. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Brittonia 43:20. 1991.

**Draba pectinipila Rollins****Type Status: Isotype****Accession No:** 72045**Bar Code:** 362962**Proofed:** none.**Location:** Park County, Wyoming, USA. Clay Butte, 1/2 mile west of Beartooth Butte, northwestern Park County.**Habitat:** Rocky exposed slope in heavy clay soil. 10000 ft.**Collector:** Reed C. Rollins #51269. With C.L. Porter.**Date:** 1 August 1951.**Miscellaneous:** Densely caespitose, mats up to 4 inches in diameter. Repr. Status: Frt.**Annotations:** = *Draba oligosperma* Hook. var. *pectinipila* (Rollins) C.L. Hitchc., det. R. Price 1989.**References:** *Rhodora* 55:231. 1953.**Draba trichocarpa Rollins****Type Status: Isotype****Accession No:** 399115**Bar Code:** 362970**Proofed:** none.**Location:** Custer County, Idaho, USA. Stanley Creek road, 6.5 miles NW of Stanley.**Habitat:** Coarse sand and small rocks, whitish area on steep slope of a knoll.**Collector:** Reed C. Rollins #83281. With Kathryn W. Rollins, Aileen G. Roads.**Date:** 14 July 1983.**Miscellaneous:** Densely rosulate in clumps up to 4 inches in diameter; siliques flattened parallel to septum; stamens scapose. Repr. Status: Frt.**Annotations:** none.**References:** *Contr. Gray Herb.* 214:4. 1984.**Draba valida Goodding****Type Status: Isotype****Accession No:** 13210**Bar Code:** 362996**Proofed:** none.**Location:** Utah, USA. Fish Lake, Uintah Mts.**Habitat:** Alpine parks.**Collector:** Leslie N. Goodding #1402.**Date:** 18 July 1902.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** *Draba lanceolata* Royle, det. S.L.H. 1939. / *Draba cana* Rydberg, det. R. Price 1989.**References:** *Bot. Gaz.* 27:55. 1904.**Draba weberi Price & Rollins****Type Status: Holotype****Accession No:** 239896**Bar Code:** 363002**Proofed:** none.**Location:** Summit County, Colorado, USA. Valley of Monte Cristo Creek just north of Hoosier Pass; outlet of Blue Lake below the dam.**Habitat:** In crevices of rocks beside cascades. 11500 ft.**Collector:** W.A. Weber #sn.**Date:** 12 July 1969.**Miscellaneous:** Originally identified as *Draba grayana* (Rydb.) C.L. Hitchc. Repr. Status: Flr & Frt.**Annotations:** Not *D. grayana* or *D. longipes*; based on this & other colls. from this locality is either apomictic variant of *D. streptobrachia* or possibly undescribed sp., det. R. Price 1987. / Close to *D. longipes*, det. Mulligan 1979. / *D. weberi*, det. R. Price 1990.**References:** *Harvard Papers* 3:75-76. 1991.

**Erysimum ammophilum A. Heller****Type Status: Isotype****Accession No:** 103278**Bar Code:** 367722**Proofed:** none.**Location:** Monterey County, California, USA. Sand hills back of Seaside (near Del Monte).**Habitat:** Sand hills.**Collector:** A.A. Heller #6650.**Date:** 1 May 1903.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** *Erysimum menziesii* var. *ammophilum* (Heller) G.B. Rossbach, comb. nov. ined., det. G.B. Rossbach 1939. / *Erysimum ammophilum* Heller, det. G.B. Rossbach 1955. / *Erysimum ammophilum* Heller, Isotype, det. R. Price 1989.**References:** Muhlenbergia 1:51. 1904.**Halimolobos minutiflora Rollins****Type Status: Isotype****Accession No:** 379229**Bar Code:** 369694**Proofed:** none.**Location:** Zacatecas, Mexico. Along Mex. Hwy. 49 between the cities of San Luis Potosi and Zacatecas, 49 mi. west of San Luis Potosi.**Habitat:** Rocky roadside.**Collector:** Reed C. Rollins #74127. With K.W. Roby.**Date:** 7 October 1974.**Miscellaneous:** Petals minute, white; leaves mostly auriculate. n=16. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Contr. Gray Herb. no. 206:3. 1976.**Lepidium montanum ssp. demissum C.L. Hitchcock****Type Status: Isotype****Accession No:** 56424**Bar Code:** 372101**Proofed:** none.**Location:** Duchesne County, Utah, USA. 4 mi. sw. of Duchesne.**Habitat:** White shale benches and hilltops. 5900 ft.**Collector:** H.D. Ripley #8699. With R.C. Barneby.**Date:** 15 June 1947.**Miscellaneous:** none. Repr. Status: Frt.**Annotations:** none.**References:** Madroño 10:157. 1950.

**Lepidium montanum var. stellae Welsh & Reveal****Type Status: Isotype****Accession No:** 437752**Bar Code:** 372110**Proofed:** none.**Location:** Kane County, Utah, USA. Along the Cottonwood Wash road, 6.4 miles south of Cannonville.**Habitat:** On barren red outcrops south of the dirt road, associated with Juniperus and Artemisia. 5600 ft.**Collector:** James L. Reveal #4454. With Caroline G. Reveal.**Date:** 29 May 1976.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** *Lepidium montanum* Nutt. In T. & G. v. *stellae* Welsh & Rev.; Gray Card Index incorrectly reported name as *L. lasiocarpum* v. *stellae*, while Welsh (Gr. Bas. Nat. 42:174) incorrectly cited the paratype, Welsh & Welsh 12841 as holotype; det. J.L. Reveal 1988.**References:** Great Basin Naturalist 34:334. 1978.**Lesquerella congesta Rollins****Type Status: Isotype****Accession No:** 399118**Bar Code:** 372433**Proofed:** none.**Location:** Rio Blanco County, Colorado, USA. North Dudley Gulch, ca. 3/4 miles NE of junction of Dudley Gulch and Piceance Creek. TRS: T2S R97W Sec4.**Habitat:** Near top of ridge, decomposed shale of the Green River Formation.**Collector:** Reed C. Rollins #8394. With K.W. Rollins, S. Peterson, A. Roads, K. Wiley....**Date:** 20 June 1983.**Miscellaneous:** Siliques erect. Repr. Status: Frt.**Annotations:** none.**References:** Contr. Gray Herb. no. 214:8. 1984.**Lesquerella kaibabensis Rollins****Type Status: Isotype****Accession No:** 379310**Bar Code:** 372458**Proofed:** none.**Location:** Coconino County, Arizona, USA. 18.6 miles south of Jacob Lake on road to the north entrance to Grand Canyon National Park.**Habitat:** Limey clay knolls, open park-like meadow area.**Collector:** Reed C. Rollins #79171. With Kathryn W. Rollins.**Date:** 8 June 1979.**Miscellaneous:** Stems prostrate, arising below a flat rosette of leaves, sepals purplish, petals white, siliques uneven. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Contr. Gray Herb. no. 211:110-111. 1982.

**Lesquerella macrocarpa A. Nelson****Type Status: Isotype****Accession No:** 13661      **Bar Code:** 372466      **Proofed:** none.**Location:** Sweetwater County, Wyoming, USA. Bush Ranch.**Habitat:** Naked clay flats and ridges.**Collector:** Aven Nelson #7081.**Date:** 10 June 1900.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** *Lesquerella macrocarpa* A. Nelson, Isotype, det. Reed C. Rollins & Elizabeth A. Shaw 1970.**References:** Bot. Gaz. 34:366. 1902.**Lesquerella navajoensis O'Kane****Type Status: Isotype****Accession No:** 474084      **Bar Code:** 373829      **Proofed:** none.**Location:** McKinley County, New Mexico, USA. Ca 2 air mi NE of Thoreau on bench below and SE of Mt. Powell. 35° 26' 8" N Lat. 108° 12' 26" W Long.**Habitat:** In mat community w/ *Eriogonum shockleyi* in Todilto Limestone on WSW-facing edge of mesa w/ scattered pinyon-juniper & extending eastward (w/ the wind) into P-J community on red sand from the above Summerville Fm. w/ fragments of lighter color limestone. 7600 ft. 2316 m.**Collector:** Steve L. O'Kane, Jr. #4232. With Daniela Roth.**Date:** 23 May 1998.**Miscellaneous:** Plants mostly in flower with some in fruit. Pulvinate-caespitose. Fruits reddish. Petals yellow with a faint orange "eye". Repr. Status: Flr & Frt.**Annotations:** none.**References:** Madroño 46:88-91. 1999.**Lesquerella parviflora Rollins****Type Status: Isotype****Accession No:** 530499      **Bar Code:** 372482      **Proofed:** none.**Location:** Rio Blanco County, Colorado, USA. Ca 3/4 miles S of spring in Tommy's Draw. TRS: T3S R100W Sec13 SE¼ of NE¼ of SW¼.**Habitat:** Scattered on shale ledges with *Eriogonum* and *Machaeranthera*. 2595 m.**Collector:** W. Baker #82-308. With S. Sigstedt.**Date:** 21 July 1982.**Miscellaneous:** Originally identified as *Lesquerella ludoviciana* (Nutt.) S. Wats. Corolla yellow. USGS Black Cabin Gulch. Colo. State Univ. Herb. No. 71603. Gift from Colo. State Univ. Repr. Status: Flr & Frt.**Annotations:** *Lesquerella parviflora* Rollins, Isotype, det. Reed C. Rollins 1983.**References:** J. Arnold Arbor. 64:506. 1983.

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<b>Lesquerella paysonii Rollins</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 13696	<b>Bar Code:</b> 372490	<b>Proofed:</b> none.
<b>Location:</b> Lincoln County, Wyoming, USA. Mountains near Cottonwood Lake, east of Smoot.		
<b>Habitat:</b> Rocky ridges. 10000 ft.		
<b>Collector:</b> Edwin B. Payson #3816. With George M. Armstrong.		
<b>Date:</b> 13 August 1923.		
<b>Miscellaneous:</b> Originally identified as <i>Lesquerella prostrata</i> A. Nels. Repr. Status: Frt.		
<b>Annotations:</b> <i>Lesquerella paysonii</i> Rollins, Isotype, det. Reed C. Rollins & Elizabeth A. Shaw 1970.		
<b>References:</b> Contr. Gray Herb. 171:44. 1950.		
<b>Lesquerella pendula Rollins</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 502528	<b>Bar Code:</b> 657866	<b>Proofed:</b> none.
<b>Location:</b> White Pine County, Nevada, USA. Snake Range, 3 road miles east of Murphy Wash road on the road to Big Springs Wash, south end of the range. TRS: T10N R68E.		
<b>Habitat:</b> Plants growing with <i>Juniperus</i> on a gravel outwash fan of limestone origin. 6450 ft.		
<b>Collector:</b> Arnold Tiehm #9480.		
<b>Date:</b> 23 May 1985.		
<b>Miscellaneous:</b> none. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> The Cruciferae of Continental North America. 1993.		
<b>Microsisymbrium lasiophyllum var. dasycarpum O.E. Schulz</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 14063	<b>Bar Code:</b> 378224	<b>Proofed:</b> none.
<b>Location:</b> California, USA. Santa Barbara.		
<b>Habitat:</b> none.		
<b>Collector:</b> A.D.E. Elmer #3882.		
<b>Date:</b> May 1902.		
<b>Miscellaneous:</b> Originally identified as <i>Thelypodium</i> . Repr. Status: Flr & Frt.		
<b>Annotations:</b> <i>Caulanthus lasiophyllus</i> (Hook. & Arn.) Payson; Isotype of <i>Microsisymbrium lasiophyllum</i> var. <i>dasycarpum</i> O.E. Schulz, det. I.A. Al-Shebaz 1972.		
<b>References:</b> Pflanzenr. (Engler) 4, Fam. 105:163. 1924.		
<b>Nasturtium sinuatum var. columbiae Suksd. ex B.L. Rob. in Gray</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 494406	<b>Bar Code:</b> 381525	<b>Proofed:</b> none.
<b>Location:</b> Klickitat County, Washington, USA. Low gravelly bank of the Columbia River near Bingen.		
<b>Habitat:</b> Low gravelly river bank.		
<b>Collector:</b> W.N. Suksdorf #952.		
<b>Date:</b> 21 September, 14 October 1890.		
<b>Miscellaneous:</b> Originally identified as <i>Nasturtium columbiae</i> , sp. n. Repr. Status: Flr.		
<b>Annotations:</b> <i>Nasturtium sinuatum</i> var. <i>columbiae</i> Suksd. ex B.L. Rob. in Gray, Isotype; = <i>Rorippa calycina</i> (Engelm.) Rydb.		
<b>References:</b> Syn. Fl. 1:147. 1895.		

***Pennellia mcvaughii* Rollins****Type Status: Isotype****Accession No:** 379311**Bar Code:** 393314**Proofed:** none.**Location:** Durango, Mexico. Near Mex. Hwy. 40, 26 mi. east of El Salto.**Habitat:** Deep soil of limestone origin; steep hillside with large rocks and a sparse stand of pine. 8000 ft.**Collector:** Reed C. Rollins #7423. With K.W. Roby.**Date:** 21 September 1974.**Miscellaneous:** Original ID *Pennellia longifolia* (Benth.) Rollins. Probably perennial, lower and basal leaves missing; fls. magenta including sepals, pendulous in a single row; siliques pendulous, falcate.  $n=8$ ,  $2n=16$ . Repr. Status: Flr & Frt.**Annotations:** *Pennellia mcvaughii* Rollins, det. Reed C. Rollins 1978.**References:** Taxon 28:24. 1979.***Physaria bellii* G.A. Mulligan****Type Status: Isotype****Accession No:** 210948**Bar Code:** 405407**Proofed:** none.**Location:** Boulder County, Colorado, USA. 4½ mi. N of Boulder.**Habitat:** Very common on dry loose shale washes. 5725 ft.**Collector:** G.A. Mulligan #2898. With C. Crompton.**Date:** 24 August 1964.**Miscellaneous:**  $2n = 8$  on plants grown from seed taken from this collection; G.A. Mulligan 1965. Repr. Status: Frt.**Annotations:** none.**References:** Canad. J. Bot. 44:1662. 1966.***Physaria didymocarpa* var. *lanata* A. Nelson****Type Status: Isotype****Accession No:** 13835**Bar Code:** 405415**Proofed:** none.**Location:** Big Horn County, Wyoming, USA. Head of Middle Fork of Powder River.**Habitat:** Rocky slopes.**Collector:** Leslie N. Goodding #326.**Date:** 19 July 1901.**Miscellaneous:** none. Repr. Status: Frt.**Annotations:** none.**References:** Bull. Torrey Bot. Club 31:241. 1904.***Physaria eburniflora* Rollins****Type Status: Isotype****Accession No:** 379313**Bar Code:** 405423**Proofed:** none.**Location:** Natrona County, Wyoming, USA. Near Devil's Gate, 13.5 mi. NE of Muddy Gap Junction.**Habitat:** Granite and marble detritus, steep hillside in juniper area.**Collector:** Reed C. Rollins #7922. With Richard C. Rollins.**Date:** 21 May 1979.**Miscellaneous:** Petals whitish, sepals purplish or greenish. Originally spelled *P. eborniflora* on label. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Brittonia 33:333. 1981.



**Physaria eriocarpa Grady & O'Kane****Type Status: Isotype****Accession No:** 520198**Bar Code:** 858357**Proofed:** none.**Location:** Beaverhead County, Montana, USA. Pioneer Mountains, ridgeline between Sheep Mountain and Black Lion Mountain. 45° 39' 46.0" N Lat. 112° 57' 52.6" W Long.**Habitat:** Pure white limestone gravel and cobbles; windswept ridge at limber pine krummholz; veg. sparse & mostly mat-forming or very low growing; with Carex, Musineon, Ipomopsis, Erigeron, Phlox muscoides, Zigadenus elegans, Sedum lanceolatum, Dryas octopetala.... 8700 ft.**Collector:** Steve L. O'Kane, Jr. #7927. With Ben R. Grady.**Date:** 23 July 2005.**Miscellaneous:** Petals deep yellow; sepals pale yellow; locally abundant on southwest-facing slope of ridge. Repr. Status: Flr & Frt.**Annotations:** none.**References:** ined.**Physaria lepidota Rollins****Type Status: Isotype****Accession No:** 379315**Bar Code:** 405431**Proofed:** none.**Location:** Kane County, Utah, USA. 1/4 mile W of junction of Utah Hwy. 15 and U.S. Hwy. 89, between Kanab and Zion National Park, 20 miles E of Zion National Park entrance.**Habitat:** Steep chip-rock slide.**Collector:** Reed C. Rollins #79198. With Kathryn W. Rollins.**Date:** 10 June 1979.**Miscellaneous:** Stems arising below terminal fascicle of erect leaves; leaves entire; siliques 4-angled, apical sinus closed. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Brittonia 33:335. 1981.**Physaria obcordata Rollins****Type Status: Isotype****Accession No:** 385189**Bar Code:** 405464**Proofed:** none.**Location:** Rio Blanco County, Colorado, USA. Ca. 1/4 mile NE of junction of Hog Lot Draw and Piceance Creek. TRS: T2S R97W Sec9 SE¼ NE¼ of SW¼.**Habitat:** Common on shale of Green River Formation with Eriogonum and Oryzopsis. 1890 m.**Collector:** W. Baker #82-277. With T. Naumann.**Date:** 8 July 1982.**Miscellaneous:** Originally identified as Physaria. Corolla yellow. USGS Square S Ranch. Repr. Status: Frt.**Annotations:** none.**References:** J. Arnold Arbor. 64:495. 1983.

**Physaria osterhoutii** Payson**Type Status:** Isotype**Accession No:** 321186**Bar Code:** 405472**Proofed:** none.**Location:** Grand County, Colorado, USA. Kremmling, 4 miles north.**Habitat:** none.**Collector:** G.E. Osterhout #3477.**Date:** 22 June 1907.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Ann. Missouri Bot. Gard. 5:146. 1918.**Physaria pachyphylla** O'Kane & Grady**Type Status:** Isotype**Accession No:** 520199**Bar Code:** 858365**Proofed:** none.**Location:** Carbon County, Montana, USA. Southern footslopes of the Pryor Mountains along Road 3085 (Gyp Springs Road) ca. 0.9 road mi over the Wyoming line and 2.3 air mi SW of Penney Peak. 45° 00' 51" N Lat. 108° 25' 40" W Long.**Habitat:** Barren hills and ridges of light pinkish, almost white, limestone-derived clayey-silt soil with rock fragments. Community of mat formers & suffrutescent plts incl. Astragalus, Arenaria, Machaeranthera, Hymenoxys & Agropyron. 4760 ft. 1451 m.**Collector:** Steve L. O'Kane, Jr. #4511. With Arlene Prather-O'Kane.**Date:** 1 July 1998.**Miscellaneous:** Petals yellow; inflorescences ascending to erect from margins of rosette; infructescences prostrate to decumbent with age in larger indivs. Rare on S-facing slope & ridgetop. Lvs. exceptionally thick & leathery. Repr. Status: Frt.**Annotations:** none.**References:** ined.**Physaria pulvinata** O'Kane & Reveal**Type Status:** Isotype**Accession No:** 506430**Bar Code:** 822486**Proofed:** none.**Location:** San Miguel County, Colorado, USA. Miramonte State Recreation Area, south end of Greager Flats, along the road on the western edge of the reservoir 0.2 mile south of the junction of 31U Road. TRS: T43N R13W SEC19 NW¼. 37° 58' 36" N Lat. 108° 20' 54" W Long.**Habitat:** On gray shale associated with Artemisia nova, Astragalus and Chrysopsis. 7740 ft.**Collector:** James L. Reveal #8532. With C. Rose Broome.**Date:** 23 June 2004.**Miscellaneous:** Voucher for molecular studies by Steve O'Kane at University of Northern Iowa. Repr. Status: Flr & Frt.**Annotations:** none.**References:** none.

**Physaria repanda Rollins****Type Status: Isotype****Accession No:** 399116**Bar Code:** 405498**Proofed:** none.**Location:** Duchesne County, Utah, USA. Off U.S. Hwy. 91, 22.5 miles SW of Duchesne.**Habitat:** Clay-like soil of a steep road-cut.**Collector:** Reed C. Rollins #83117. With Kathryn W. Rollins.**Date:** 23 June 1983.**Miscellaneous:** Stems numerous, decumbent; siliques inflated. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Contr. Gray Herb. no. 214:11. 1984.**Physaria rollinsii G.A. Mulligan****Type Status: Isotype****Accession No:** 210946**Bar Code:** 405506**Proofed:** none.**Location:** Gunnison County, Colorado, USA. 4 mi NW of Doyleville.**Habitat:** Openings on south-facing rocky sagebrush slopes. 7400 ft.**Collector:** G.A. Mulligan #2880. With C. Crompton.**Date:** 21 August 1964.**Miscellaneous:** 2n = 8 on plants grown from seed taken from this collection; G.A. Mulligan 1964.  
Repr. Status: Frt.**Annotations:** none.**References:** Canad. J. Bot. 44:1663. 1966.**Physaria saximontana Rollins****Type Status: Isotype****Accession No:** 399117**Bar Code:** 405522**Proofed:** none.**Location:** Fremont County, Wyoming, USA. Near State Route 28, 18.4 miles SW of Lander.**Habitat:** Red soil.**Collector:** Reed C. Rollins #81374. With Kathryn W. Rollins.**Date:** 20 June 1981.**Miscellaneous:** Perennial; stems several to numerous, prostrate to decumbent, arising below a flat sedum-like rosette of terminal leaves; siliques inflated. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Contr. Gray Herb. no. 214:13. 1984.

**Physaria scrotiformis O'Kane****Type Status: Isotype****Accession No:** 539198**Bar Code:** 958454**Proofed:** none.**Location:** La Plata County, Colorado, USA. San Juan Mountains, south end of West Silver Mesa, ca. 0.1 mi north of hiking trail to City Reservoir. 37° 33.009' N Lat. 107° 37.555' W Long.**Habitat:** Nearly barren areas of Leadville Limestone rubble, light tan-gray in color, surrounded by tree islands of *Picea engelmannii*. Growing w/ *Minuartia obtusiloba*, *Zigadenus elegans*, *Castilleja haydenii*, *Pseudocymopterus montana*, *Poa alpine*, *Hymenoxys grand...* 11827 ft. 3605 m.**Collector:** Steve L. O'Kane, Jr. #7977. With Ken Heil & Dave Jamieson.**Date:** 19 July 2006.**Miscellaneous:** Leaves silver-green to purple; fruits coppery; stems prostrate. Repr. Status: Frt.**Annotations:** none.**References:** Novon 17:376-379. 2007.**Sophia halictorum Cockerell****Type Status: ?****Accession No:** 13083**Bar Code:** 407213**Proofed:** none.**Location:** New Mexico, USA. Mesilla Park.**Habitat:** none.**Collector:** ? #sn.**Date:** 25 February 1900.**Miscellaneous:** Flowers yellow. Repr. Status: Flr.**Annotations:** "Authentic material of *Sophia halictorum* Ckll., Bull. Torr. Bot. Club 25:460. 1898; Detling does not seem to have seen the type, Amer. Midl. Nat. 22:506. 1939; J.E. [Joseph Ewan]".**References:** Bull. Torrey Bot. Club 25: 460. 1898.**Sophia ramosa Rydberg****Type Status: Isotype****Accession No:** 269518**Bar Code:** 407221**Proofed:** none.**Location:** Gunnison County, Colorado, USA. Pitkin.**Habitat:** none. 9180 ft.**Collector:** L.M. Underwood #413. With A.D. Selby.**Date:** 13 September 1901.**Miscellaneous:** Ht. 2 ft. Repr. Status: Flr & Frt.**Annotations:** Type collection of *Sophia ramosa* Rydberg, det. Roland G. Hawk & Ronald L. Stuckey, 1971. / = *Descurainia pinnata* var. *nelsoni*, fide Detling.**References:** Bull. Torrey Bot. Club 31: 556. 1904.

***Thelypodiopsis wootonii* var. *parviflora* Rollins****Type Status:** Isotype**Accession No:** 306626**Bar Code:** 410142**Proofed:** none.**Location:** Chihuahua, Mexico. Mnpo. De Bocoyna. Gonogochic, open flat of pine-oak forest, east of Creel.**Habitat:** Scattered in maize field near arroyo; rare. 7400 ft.**Collector:** Robert A. Bye #7128.**Date:** 16 October 1975.**Miscellaneous:** Orig. ID *Thelypodiopsis wootonii*. Greenhouse specimen. Grown from rosettes in greenhouse; flowers white. Repr. Status: Frt.**Annotations:** none.**References:** Contr. Gray Herb. no. 212: 84. 1982.***Thelypodiopsis wootonii* var. *parviflora* Rollins****Type Status:** Isotype**Accession No:** 104171**Bar Code:** 410134**Proofed:** none.**Location:** Chihuahua, Mexico. Mnpo. De Bocoyna. Gonogochic, open flat of pine-oak forest, east of Creel.**Habitat:** Scattered plants in corn field. 7400 ft.**Collector:** Robert A. Bye #7128.**Date:** 16 October 1975.**Miscellaneous:** Orig. ID *Sisymbrium wootonii*. Rosettes from deep rhizomes; 1st fruits ripe as of first frosts; some plants continue to flwr (white) up to frosts; lvs of rosettes eaten now & in spring as quelite. Ethnobot. Stud. among Tarahumara. Tar. name mekwasare. Repr. Status: Frt.**Annotations:** none.**References:** Contr. Gray Herb. no. 212: 84. 1982.***Thelypodium aureum* Eastwood****Type Status:** ?**Accession No:** 14027**Bar Code:** 410159**Proofed:** none.**Location:** Colorado, USA. Mancos.**Habitat:** none.**Collector:** Alice Eastwood #sn.**Date:** May, June 1891.**Miscellaneous:** Published description says type from Durango. This specimen's original label says "new species", but collected from Mancos. Perhaps not the type. Repr. Status: Flr & Frt.**Annotations:** *Thelypodiopsis aurea* (Eastw.) Rydb., det. E.B. Payson, no date. / *Thelypodiopsis aurea* (Eastw.) Rydb., det. Ihsan A. Al-Shehbaz, 1973.**References:** Zoe 2: 227. 1891.

***Thelypodium milleflorum* A. Nelson****Type Status: Isotype****Accession No:** 332596      **Bar Code:** 410167      **Proofed:** none.**Location:** Canyon County, Idaho, USA. New Plymouth.**Habitat:** Open slopes. 2200 ft.**Collector:** J. Francis Macbride #234.**Date:** 10 June 1910.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** = *Thelypodium laciniatum milleflorum* Payson.**References:** Bot. Gaz. 52: 263. 1911.***Thelypodium wrightii* subsp. *oklahomensis* Al-Shehbaz****Type Status: Isotype****Accession No:** 93144      **Bar Code:** 410175      **Proofed:** none.**Location:** Cimarron County, Oklahoma, USA. 4 miles east of Kenton.**Habitat:** Rock crevices.**Collector:** Geo. J. Goodman #5358. With R.W. Kelting.**Date:** 18 August 1950.**Miscellaneous:** Originally identified as *Stanleyella wrightii* (Gray) Rydb. Repr. Status: Flr & Frt.**Annotations:** *Thelypodium wrightii* Gray subsp. *oklahomensis* Al-Shehbaz, Isotype, det. Ihsan A. Al-Shehbaz, 1972.**References:** Contr. Gray Herb. 204: 128. 1973.***Thlaspi aileeniae* Rollins****Type Status: Isotype****Accession No:** 399120      **Bar Code:** 410183      **Proofed:** none.**Location:** Custer County, Idaho, USA. Off road to Cape Horn, between Knopp Creek and Valley Creek, ca. 16 miles NW of Stanley.**Habitat:** Stony flat with low sagebrush, *Orthocarpus*, and a low *Lupinus*.**Collector:** Reed C. Rollins #83287. With Kathryn W. Rollins, Aileen G. Roads.**Date:** 15 July 1983.**Miscellaneous:** Tufted perennial; basal leaves erect. Repr. Status: Frt.**Annotations:** none.**References:** Contr. Gray Herb. no. 214: 16. 1984.**Family: Bromeliaceae*****Hechtia pedicellata* S. Watson****Type Status: Isotype****Accession No:** 422975      **Bar Code:** 369769      **Proofed:** none.**Location:** Jalisco, Mexico. Barranca near Guadalajara.**Habitat:** Dry rocky bluffs of barranca.**Collector:** C.G. Pringle #3934.**Date:** September 1891.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 26:155. 1891.

Family: Bromeliadaceae
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**Tillandsia penlandii L. B. Smith****Type Status: Isotype****Accession No:** 421238      **Bar Code:** 410241      **Proofed:** none.**Location:** Loja, Ecuador. Vicinity of Loja.**Habitat:** none. 2300 m.**Collector:** C. William Penland #1138. With Robert H. Summers.**Date:** 28 July 1939.**Miscellaneous:** Epiphytic, single or in twos and threes; lvs bright green; petals yellowish-white; rest of infl pale orange-green.**Annotations:** none.**References:** Proc. Amer. Acad. 43: 21. 1907.**Tillandsia pringlei S. Watson****Type Status: Isotype****Accession No:** 422961      **Bar Code:** 410258      **Proofed:** none.**Location:** San Luis Potosi, Mexico. Las Canoas.**Habitat:** On rocks and trees.**Collector:** C.G. Pringle #3738.**Date:** 10 June 1891.**Miscellaneous:** Flowers yellow. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 26: 155. 1891.

Family: Burseraceae
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**Bursera palmeri var. glabrescens S. Watson****Type Status: Isotype****Accession No:** 422791      **Bar Code:** 352278      **Proofed:** none.**Location:** Jalisco, Mexico. Bluffs of Rio Grande de Santiago near Guadalajara.**Habitat:** Rocky bluffs.**Collector:** C.G. Pringle #2335.**Date:** 17 October 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** = Bursera glabrescens Rose.**References:** Proc. Amer. Acad. 25:145. 1890.**Bursera pringlei S. Watson****Type Status: Isotype****Accession No:** 422794      **Bar Code:** 352286      **Proofed:** none.**Location:** Jalisco, Mexico. Bluffs of Rio Grande de Santiago near Guadalajara.**Habitat:** Rocky bluffs.**Collector:** C.G. Pringle #2336.**Date:** 17 October 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 25:145. 1890.

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Family: Cactaceae		

**Coryphantha rosea Clokey** **Type Status: Isotype**

**Accession No:** 50707      **Bar Code:** 357905      **Proofed:** none.  
**Location:** Clark County, Nevada, USA. Charleston Mts. Between Kyle Canyon and Deer Creek.  
**Habitat:** Gravelly slope and bottom with *Cercocarpus ledifolius* and *Pinus monophylla*. 2400 m.  
**Collector:** I.W. Clokey #8038.  
**Date:** 24 June 1938.  
**Miscellaneous:** none. Repr. Status: Veg.  
**Annotations:** *Coryphantha vivipara* (Nutt.) B. & R. var. *rosea* (Clokey) L. Benson, det. Lyman Benson 1967.  
**References:** Madroño 7:75. 1943.

**Mamillaria furfuracea S. Watson** **Type Status: Isotype**

**Accession No:** 422790      **Bar Code:** 378042      **Proofed:** none.  
**Location:** Coahuila, Mexico. Carneros Pass.  
**Habitat:** none.  
**Collector:** C.G. Pringle #2580.  
**Date:** 16 September 1889.  
**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Veg.  
**Annotations:** = *Ariocarpus furfuraceus* Thompson  
**References:** Proc. Amer. Acad. 25:150. 1890.

**Opuntia charlestonensis Clokey** **Type Status: Isotype**

**Accession No:** 50706      **Bar Code:** 387126      **Proofed:** none.  
**Location:** Clark County, Nevada, USA. Charleston Mountains. Griffith's Mine.  
**Habitat:** Rocky slope with *Pinus monophylla* and *P. scopulorum*. 2450 m.  
**Collector:** I.W. Clokey #8029.  
**Date:** 16 July 1938.  
**Miscellaneous:** none. Repr. Status: Flr.  
**Annotations:** *Opuntia littoralis* Engelm. var. *martiniana* L. Benson, Isotype of *Opuntia charlestonensis* Clokey, det. Lyman Benson 1967.  
**References:** Madroño 7:71. 1943.



**Opuntia multigeniculata Clokey****Type Status: Isotype****Accession No:** 50709**Bar Code:** 387159**Proofed:** none.**Location:** Clark County, Nevada, USA. Charleston Mountains. East of Wilson's ranch, road from Blue Diamond mine to mill.**Habitat:** Rocky ridge. 1400 m.**Collector:** I.W. Clokey #8430.**Date:** 13 July 1939.**Miscellaneous:** none. Repr. Status: Veg.**Annotations:** *Opuntia whipplei* Engelm. & Bigelow var. *multigeniculata* L. Benson, Isotype of *Opuntia multigeniculata* Clokey, det. L. Benson.**References:** Madroño 7:69. 1943.**Family: Calochortaceae****Calochortus madrensis S. Watson****Type Status: Isotype****Accession No:** 422723**Bar Code:** 356352**Proofed:** none.**Location:** Chihuahua, Mexico. Base of the Sierra Madre.**Habitat:** Pine plains.**Collector:** C.G. Pringle #1382.**Date:** 20 September 1887.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Calochortus venustus* Greene var. *madrensis* (S. Wats.) Reveal & Hess.**References:** *Proc. Amer. Acad.* 23:283. 1888.**Calochortus madrensis S. Watson****Type Status: Isotype****Accession No:** 422724**Bar Code:** 356360**Proofed:** none.**Location:** Chihuahua, Mexico. Base of the Sierra Madre.**Habitat:** Pine plains.**Collector:** C.G. Pringle #1382.**Date:** 20 September 1887.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Calochortus venustus* Greene var. *madrensis* (S. Wats.) Reveal & Hess.**References:** *Proc. Amer. Acad.* 23:283. 1888.**Calochortus rhodotheucus Clokey****Type Status: Isotype****Accession No:** 54260**Bar Code:** 356394**Proofed:** none.**Location:** Clark County, Nevada, USA. Charleston Mountains; Charleston Park.**Habitat:** With *Cercocarpus ledifolius* and *Pinus scopulorum*. 2270 m.**Collector:** I.W. Clokey #7479.**Date:** 21 July 1937.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** *Bull. S. Calif. Acad. Sci.* 37:1. 1938.

**Calochortus rhodotheucus Clokey****Type Status: Isotype****Accession No:** 405830**Bar Code:** 356378**Proofed:** none.**Location:** Clark County, Nevada, USA. Charleston Mountains; Charleston Park.**Habitat:** With Cercocarpus ledifolius and Pinus scopulorum. 2270 m.**Collector:** I.W. Clokey #7479.**Date:** 21 July 1937.**Miscellaneous:** [Name on label spelled Calochortus rodotheucus]. Repr. Status: Flr.**Annotations:** none.**References:** Bull. S. Calif. Acad. Sci. 37:1. 1938.**Calochortus rhodotheucus Clokey****Type Status: Isotype****Accession No:** 54261**Bar Code:** 356402**Proofed:** none.**Location:** Clark County, Nevada, USA. Charleston Mountains; Charleston Park.**Habitat:** With Cercocarpus ledifolius and Pinus scopulorum. 2270 m.**Collector:** I.W. Clokey #7479.**Date:** 21 July 1937.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Bull. S. Calif. Acad. Sci. 37:1. 1938.**Family: Campanulaceae****Laurentia michoacana Robinson****Type Status: Isotype****Accession No:** 422784**Bar Code:** 372052**Proofed:** none.**Location:** Michoacan, Mexico. Hills of Patzcuaro.**Habitat:** none.**Collector:** C.G. Pringle #3337.**Date:** 8 November 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 26:167. 1891.**Laurentia michoacana var. ovatifolia Robinson****Type Status: Isotype****Accession No:** 422783**Bar Code:** 372060**Proofed:** none.**Location:** San Luis Potosi, Mexico. Hills near Cardenas.**Habitat:** Shaded nooks of limestone ledges.**Collector:** C.G. Pringle #3302.**Date:** 8 September 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 26:167. 1891.

**Lobelia novella B.L. Robinson****Type Status: Isotype****Accession No:** 422773**Bar Code:** 373167**Proofed:** none.**Location:** San Luis Potosi, Mexico. Tamasopo Canyon.**Habitat:** Cool ledges and gravelly banks.**Collector:** C.G. Pringle #3288.**Date:** 1 October 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 26:167. 1891.**Lobelia picta Rob. & Sea.****Type Status: Isotype****Accession No:** 422775**Bar Code:** 373175**Proofed:** none.**Location:** Mexico, Mexico. Sierra de las Cruces.**Habitat:** Cold springy meadows.**Collector:** C.G. Pringle #4305.**Date:** 1 October 1892.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = *Lobelia irasuensis* var. *picta* McVaugh.**References:** Proc. Amer. Acad. 28:112. 1893.**Lobelia pringlei S. Watson****Type Status: Isotype****Accession No:** 422774**Bar Code:** 373191**Proofed:** none.**Location:** Nuevo Leon, Mexico. Sierra de la Silla.**Habitat:** Limestone ledges.**Collector:** C.G. Pringle #2538.**Date:** 7 June 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 25:157. 1890.**Lobelia pringlei S. Watson****Type Status: Isotype****Accession No:** 169487**Bar Code:** 373183**Proofed:** none.**Location:** Nuevo Leon, Mexico. Sierra de la Silla.**Habitat:** Limestone ledges.**Collector:** C.G. Pringle #2538.**Date:** 7 June 1889.**Miscellaneous:** Plantae Mexicanae. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 25:157. 1890.

**Lobelia sublibera S. Watson****Type Status: Isotype****Accession No:** 422777**Bar Code:** 373209**Proofed:** none.**Location:** Nuevo Leon, Mexico. Sierra Madre near Monterey.**Habitat:** Cool shaded slopes.**Collector:** C.G. Pringle #1889.**Date:** 13 July 1888.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 25:157. 1890.**Nemacladus oppositifolius B.L. Robinson****Type Status: Isotype****Accession No:** 422771**Bar Code:** 385625**Proofed:** none.**Location:** San Luis Potosi, Mexico. Bluffs near Cardenas.**Habitat:** Dry calcareous bluffs.**Collector:** C.G. Pringle #3300.**Date:** 7 October 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = *Pseudonemacladus oppositifolius* McVaugh.**References:** Proc. Amer. Acad. 26:168. 1891.**Family: Capparidaceae****Cleome lanceolata ssp. paraguayensis Iltis****Type Status: Isotype****Accession No:** 83568**Bar Code:** 357715**Proofed:** none.**Location:** Gran Chaco, Paraguay. Loma Clavel. 23° 20' S Lat.**Habitat:** none.**Collector:** E. Hassler #2598.**Date:** November 1903.**Miscellaneous:** Originally identified as *Physostemon lanceolatum* Mart. Repr. Status: Flr & Frt.**Annotations:** Isotype of *Cleome lanceolata ssp. paraguayensis* Iltis, det. H. Iltis 1973.**References:** Brittonia 2:152. 1959.**Cleomella perennis Iltis****Type Status: Isotype****Accession No:** 422769**Bar Code:** 357723**Proofed:** none.**Location:** San Luis Potosi, Mexico. Salinas.**Habitat:** Saline plains.**Collector:** C.G. Pringle #3089.**Date:** 30 June 1890.**Miscellaneous:** Originally identified as *Cleome longipes* Torr. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** *Cleomella perennis* Iltis, det. C.W.T. Penland, no date.**References:** Madroño 13:180. 1956.

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<b>Family: Caryophyllaceae</b>		
<b>Lychnis apetala var. nutans B. Boivin</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 56790	<b>Bar Code:</b> 377317	<b>Proofed:</b> none.
<b>Location:</b> Northwest Territories, Canada. Keewatin District. Southampton Island, Coral Harbor. 64° 08' N Lat. 83° 17' W Long.		
<b>Habitat:</b> Common in moist gravel.		
<b>Collector:</b> W.J. Cody #1341.		
<b>Date:</b> 16 July 1948.		
<b>Miscellaneous:</b> ID determined by B. Boivin. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Canadian Field-Naturalist 65:5. 1951.		
<b>Lychnis gillettii B. Boivin</b>		<b>Type Status: Paratype</b>
<b>Accession No:</b> 57337	<b>Bar Code:</b> 377325	<b>Proofed:</b> none.
<b>Location:</b> Manitoba, Canada. Fort Churchill. 57° 45' N Lat. 94° 05' W Long.		
<b>Habitat:</b> In gravel.		
<b>Collector:</b> J.M. Gillett #1917.		
<b>Date:</b> 30 June 1948.		
<b>Miscellaneous:</b> Flowers white. ID determined by B. Boivin. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Canadian Field-Naturalist 65:6. 1951.		
<b>Silene acaulis subsp. arctica A. Löve &amp; D. Löve</b>		<b>Type Status: Isotype?</b>
<b>Accession No:</b> 288718	<b>Bar Code:</b> 407106	<b>Proofed:</b> none.
<b>Location:</b> New Hampshire, USA. Mt. Washington, at 7-mile post.		
<b>Habitat:</b> On gravel flat. 5500 ft.		
<b>Collector:</b> A. Löve #7530. With D. Löve.		
<b>Date:</b> 26 July 1958.		
<b>Miscellaneous:</b> Originally identified as <i>Silene acaulis</i> L. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Univ. Colorado Stud. Ser. Biol. Ser. no. 17: 21. 1965.		
<b>Silene andersonii Clokey</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 103521	<b>Bar Code:</b> 407122	<b>Proofed:</b> none.
<b>Location:</b> Clark County, Nevada, USA. Charleston Mts. Levell Canyon.		
<b>Habitat:</b> Steep north gravelly slope with <i>Artemisia tridentata</i> Nutt. and <i>Cercocarpus ledifolius</i> Nutt. 2600 m.		
<b>Collector:</b> I.W. Clokey #7514.		
<b>Date:</b> 9 August 1937.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Bull. S. Calif. Acad. Sci. 38: 2. 1939.		

**Silene andersonii** Clokey**Type Status:** Isotype**Accession No:** 107930**Bar Code:** 407114**Proofed:** none.**Location:** Clark County, Nevada, USA. Charleston Mts. Levell Canyon.**Habitat:** Steep north gravelly slope with *Artemisia tridentata* Nutt. and *Cercocarpus ledifolius* Nutt. 2600 m.**Collector:** I.W. Clokey #7514.**Date:** 9 August 1937.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Bull. S. Calif. Acad. Sci. 38: 2. 1939.**Silene concolor** Greene**Type Status:** Isotype**Accession No:** 405839**Bar Code:** 407130**Proofed:** none.**Location:** Grant County, New Mexico, USA. South end of the Black Range. Iron Creek.**Habitat:** Shade of spruce. 8000 ft.**Collector:** O.B. Metcalfe #1482.**Date:** 11 October 1904.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** *Silene scouleri* Hook. ssp. *pringlei* (Wats.) Hitchc. & Maguire var. *concolor* (Greene), comb. nov. ined., det. Bassett Maguire & C. Leo Hitchcock, 1941.**References:** Leaflet Bot. Observ. Crit. 1: 153. 1905.**Silene occidentalis subsp. longistipitata** Hitchc. & Maguire**Type Status:** Isotype?**Accession No:** 405840**Bar Code:** 407155**Proofed:** none.**Location:** Butte County, California, USA. Jonesville.**Habitat:** Scattered in chaparral. 1550 m.**Collector:** E.B. Copeland #635.**Date:** 28 July 1930.**Miscellaneous:** Originally identified as *Silene occidentalis* Watson. Flowers opening morning and evening. Repr. Status: Flr & Frt.**Annotations:** *Silene occidentalis* subsp. *longistipitata* Hitchc. & Maguire, det. Bassett Maguire & C. Leo Hitchcock, 1942.**References:** Univ. Wash. Publ. Biol. 13: 34. 1947.

Family: Celastraceae
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**Glossopetalon spinescens var. microphyllum N.H. Holmgren** **Type Status: Isotype****Accession No:** 470122 **Bar Code:** 368381 **Proofed:** none.**Location:** Millard County, Utah, USA. House Range, Left Fork of Sawtooth Canyon (used as trail to Notch Peak), 60 km (37 mi) air distance east-northeast (69°) of Garrison. TRS: T19S R14W Sec26.**Habitat:** Limestone rocky slope with *Cercocarpus intricatus*, *Juniperus osteosperma* and *Ephedra viridis*. 7610 ft. 2320 m.**Collector:** Noel H. Holmgren #11292. With Patricia K. Holmgren.**Date:** 23 May 1987.**Miscellaneous:** Petals pale green with cream margins; anthers 6, cream-brown. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 40:272-273. 1988.

Family: Chenopodiaceae
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**Anthochlamys rechingeri Aell.** **Type Status: ?****Accession No:** 261728 **Bar Code:** 342535 **Proofed:** none.**Location:** , Iran. Lehmwüste beim Bahnhof von Bahram, 20 km östlich Teheran.**Habitat:** none. 1100 m.**Collector:** P. Aellen #329.**Date:** 8 July or 7 August 1948.**Miscellaneous:** Date of collection 7. 8. 1948. Repr. Status: Flr.**Annotations:** none.**References:** Verh. Nat. Ges. Basel 61:171. 1950.**Atriplex carnosa Aven Nelson** **Type Status: Isotype****Accession No:** 4852 **Bar Code:** 350827 **Proofed:** none.**Location:** Albany County, Wyoming, USA. Laramie.**Habitat:** In saline open plains.**Collector:** Aven Nelson #8086.**Date:** 18 August 1900.**Miscellaneous:** none. Repr. Status: Frt.**Annotations:** none.**References:** Bot. Gaz. 34:361. 1902.**Atriplex corrugata S. Watson** **Type Status: Isotype****Accession No:** 55137 **Bar Code:** 350835 **Proofed:** none.**Location:** Mesa County, Colorado, USA. Grand Junction.**Habitat:** none.**Collector:** Alice Eastwood #sn.**Date:** May 1891.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Bot. Gaz. 16:345. 1891.

**Atriplex frankenioides Moran****Type Status: Isotype****Accession No:** 300098**Bar Code:** 350843**Proofed:** none.**Location:** Baja California, Mexico. Baja California. Rocky Point, east shore of San Ignacio Lagoon. 26° 47.2' N Lat. 113° 14.7' W Long.**Habitat:** Fairly common on flat with *Allenrolfea*, *Batis*, *Cressa*, and *Monanthochloe*.**Collector:** Reid Moran #21184.**Date:** 26 March 1974.**Miscellaneous:** Weak and +/- spreading. Repr. Status: Veg.**Annotations:** none.**References:** *Phytologia* 30:1-4. 1975.**Atriplex graciliflora M.E. Jones****Type Status: ?****Accession No:** 56391**Bar Code:** 350850**Proofed:** none.**Location:** Utah, USA. Blue Valley.**Habitat:** Clay. 4000 ft.**Collector:** Marcus Jones #5697.**Date:** 30 July 1894.**Miscellaneous:** Fragments of type specimen. From specimen at Pomona College. Repr. Status: Flr.**Annotations:** none.**References:** *Proc. Calif. Acad. Sci. Ser. 2.* 5:717. 1895.**Atriplex pachypoda Stutz & Chu****Type Status: Paratype****Accession No:** 471756**Bar Code:** 300327**Proofed:** none.**Location:** La Plata County, Colorado, USA. Dry Creek, 15 mi. E of Durango.**Habitat:** none.**Collector:** H.C. Stutz #9806.**Date:** 16 August 1995.**Miscellaneous:** none. Repr. Status: Frt.**Annotations:** none.**References:** *Madroño* 44:277-281. 1998.**Atriplex pleiantha W.A. Weber****Type Status: Holotype****Accession No:** 56502**Bar Code:** 350884**Proofed:** none.**Location:** Montezuma County, Colorado, USA. Mesa northeast of trading post on Mancos River a few miles above its junction with the San Juan, ca. 27 mi. s.w. of Towaoc, Ute Indian Res. TRS: T32N R19W Sec17.**Habitat:** Barren clay slope of mesa.**Collector:** W.A. Weber #4788.**Date:** 12 June 1949.**Miscellaneous:** none. Repr. Status: Frt.**Annotations:** Holotype of *Atriplex pleiantha* W.A. Weber. *Proatriplex pleiantha* (W.A. Weber) Stutz & G.L. Chu, det. E. H. Zacharias, 23 August 2010.**References:** *Madroño* 10:189. 1950.



**Atriplex pleiantha W.A. Weber****Type Status: Isotype****Accession No:** 56501**Bar Code:** 239954**Proofed:** none.**Location:** Montezuma County, Colorado, USA. Mesa northeast of trading post on Mancos River a few miles above its junction with the San Juan, ca. 27 mi. s.w. of Towaoc, Ute Indian Res. TRS: T32N R19W Sec17.**Habitat:** Barren clay slope of mesa.**Collector:** W.A. Weber #4788.**Date:** 12 June 1949.**Miscellaneous:** none. Repr. Status: Frt.**Annotations:** Proatriplex pleiantha (W.A. Weber) Stutz & Chu, det. Junzhuan Qiu 1997.**References:** Madroño 10:189. 1950.**Atriplex spatiosa A. Nelson****Type Status: Isotype****Accession No:** 332284**Bar Code:** 350892**Proofed:** none.**Location:** Sweetwater County, Wyoming, USA. Granger.**Habitat:** On loose soil of railroad grades.**Collector:** Aven Nelson #8140.**Date:** 29 August 1900.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Bot. Gaz. 34:360. 1902.**Atriplex spatiosa A. Nelson****Type Status: Isotype****Accession No:** 4891**Bar Code:** 350900**Proofed:** none.**Location:** Sweetwater County, Wyoming, USA. Granger.**Habitat:** On loose soil of railroad grades.**Collector:** Aven Nelson #8140.**Date:** 29 August 1900.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Bot. Gaz. 34:360. 1902.**Atriplex virgata Osterhout****Type Status: Isotype****Accession No:** 321821**Bar Code:** 350918**Proofed:** none.**Location:** Larimer County, Colorado, USA. Ravine south of Horsetooth.**Habitat:** none.**Collector:** G.E. Osterhout #6520.**Date:** 9 November 1925.**Miscellaneous:** none. Repr. Status: Frt.**Annotations:** none.**References:** Bull. Torr. Bot. Club 53:35. 1926.

**Corispermum navicula Mosyakin****Type Status: Holotype****Accession No:** 300719**Bar Code:** 357871**Proofed:** none.**Location:** Jackson County, Colorado, USA. North Park: North sand dunes due east of Dowell Ranch, between Government Creek and North Sand Creek. TRS: T10N R78W Sec6.**Habitat:** Sand dunes.**Collector:** F. Martin Brown #sn.**Date:** 29 September 1976.**Miscellaneous:** Originally identified as *Corispermum hyssopifolium* L. Eagle Hill Quadrangle. Repr. Status: Flr & Frt.**Annotations:** *Corispermum navicula* Mosyakin, det. S. Mosyakin 1994.**References:** Novon 5:349. 1995.**Nitrophila mohavensis Munz & J.C. Roos****Type Status: Isotype?****Accession No:** 91529**Bar Code:** 385682**Proofed:** none.**Location:** Inyo County, California, USA. Amargosa Desert 3 mi. NE of Death Valley Junction along Ash Meadows road.**Habitat:** Locally abundant in heavily alkaline mud with *Cordylanthus tecopensis*, *Distichlis stricta* and *Cleomella brevipes*, open flats. 2050 ft.**Collector:** J.C. Roos #6140. With A.R. Roos.**Date:** 13 June 1954.**Miscellaneous:** Sepals pink. Name on label spelled "mojavensis". Repr. Status: Flr.**Annotations:** none.**References:** Aliso 3:112. 1955.**Family: Cistaceae****Halimium exaltatum Rose & Standl.****Type Status: Isotype****Accession No:** 149465**Bar Code:** 369686**Proofed:** none.**Location:** Michoacan, Mexico. Hills above Uruapan.**Habitat:** Dry hills. 5000 ft.**Collector:** C.G. Pringle #10409.**Date:** 27 November 1907.**Miscellaneous:** Originally identified as *Helianthemum strictum* Rose. Stems strict, 1 m. high. *Plantae Mexicanae*. Repr. Status: Flr.**Annotations:** none.**References:** Proc. U.S. Nat. Herb. 23:833. 1920.**Helianthemum glomeratum var. laxiflorum S. Watson ex Urbina****Type Status: Isotype****Accession No:** 422739**Bar Code:** 369801**Proofed:** none.**Location:** Jalisco, Mexico. Hills near Guadalajara.**Habitat:** Dry rocky hills.**Collector:** C.G. Pringle #2361.**Date:** 5 November 1889.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Cat. Pl. Mex. 11. 1897.

**Helianthemum pringlei S. Watson****Type Status: Isotype****Accession No:** 422737**Bar Code:** 369819**Proofed:** none.**Location:** Chihuahua, Mexico. Base of the Sierra Madre.**Habitat:** Pine plains.**Collector:** C.G. Pringle #1186.**Date:** 20 September 1887.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 23:268. 1888.**Family: Clethraceae****Clethra pringlei S. Watson****Type Status: Isotype****Accession No:** 422384**Bar Code:** 361212**Proofed:** none.**Location:** San Luis Potosi, Mexico. Mountains, Tamasopo Canyon.**Habitat:** none.**Collector:** C.G. Pringle #3098.**Date:** 14 June, 4 October 1890.**Miscellaneous:** A tree 40 feet high. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 25:157. 1890.**Family: Commelinaceae****Tradescantia angustifolia B. L. Robinson****Type Status: Isotype****Accession No:** 422967**Bar Code:** 410324**Proofed:** none.**Location:** San Luis Potosi, Mexico. Las Canoas.**Habitat:** Thin soil of limestone ledges.**Collector:** C.G. Pringle #3902.**Date:** 14 August 1891.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = Tripogandra angustifolia Woodson.**References:** Proc. Amer. Acad. 27: 185. 1892.**Family: Convallariaceae****Evolvulus prostratus Robinson****Type Status: Isotype****Accession No:** 421090**Bar Code:** 367979**Proofed:** none.**Location:** Jalisco, Mexico. Hills near Guadalajara.**Habitat:** Dry thin soil of hills.**Collector:** C.G. Pringle #4445.**Date:** 26 July 1893.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 29:320. 1894.

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<b>Family: Convolvulaceae</b>		
<b>Breweria rotundifolia S. Watson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 421089	<b>Bar Code:</b> 352211	<b>Proofed:</b> none.
<b>Location:</b> Chihuahua, Mexico. Base of the Sierra Madre.		
<b>Habitat:</b> Damp places, pine plains.		
<b>Collector:</b> C.G. Pringle #1341.		
<b>Date:</b> 30 September 1887.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> = <i>Evolvulus rotundifolius</i> (Wats.) Hallier f. Bot. Jahrb. 16:530. 1893, fide Myint, Brittonia 18:116. 1966.		
<b>References:</b> Proc. Amer. Acad. 23:281. 1888.		
<b>Ipomoea igualensis Weatherby</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 149739	<b>Bar Code:</b> 371724	<b>Proofed:</b> none.
<b>Location:</b> Guerrero, Mexico. Iguala canyon.		
<b>Habitat:</b> none. 2500 ft.		
<b>Collector:</b> C.G. Pringle #10054.		
<b>Date:</b> 21 September 1905.		
<b>Miscellaneous:</b> Plantae Mexicanae. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 43:427. 1910.		
<b>Ipomoea perlonga Robinson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 421091	<b>Bar Code:</b> 371732	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Hills, Tequila.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #4519.		
<b>Date:</b> 15 October 1893.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 29:319. 1894.		
<b>Ipomoea pringlei A. Gray</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 421092	<b>Bar Code:</b> 371740	<b>Proofed:</b> none.
<b>Location:</b> Chihuahua, Mexico. Hills near Chihuahua.		
<b>Habitat:</b> Cool slopes.		
<b>Collector:</b> C.G. Pringle #782.		
<b>Date:</b> 7 September 1886.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 23:307. 1887.		

***Ipomoea stans* var. *hirsuta* Robinson****Type Status:** Isotype**Accession No:** 421093**Bar Code:** 371757**Proofed:** none.**Location:** Jalisco, Mexico. Plains near Guadalajara.**Habitat:** none.**Collector:** C.G. Pringle #4488.**Date:** 30 August 1893.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 29:319. 1894.**Family: Crassulaceae*****Cotyledon parviflora* var. *squamulosa* S. Watson****Type Status:** Isotype**Accession No:** 421120**Bar Code:** 359117**Proofed:** none.**Location:** Chihuahua, Mexico. Portrero Peak.**Habitat:** Cool slopes.**Collector:** C.G. Pringle #731.**Date:** 9 October 1886.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Altamiranoa squamulosa* (S. Wats.) E. Walther, Cac. Succ. J. 10:24. 1938.**References:** Proc. Amer. Acad. 22:473. 1887.***Cotyledon pringlei* S. Watson****Type Status:** Isotype**Accession No:** 421121**Bar Code:** 359125**Proofed:** none.**Location:** Jalisco, Mexico. The barranca near Guadalajara.**Habitat:** Dry shaded ledges of barranca.**Collector:** C.G. Pringle #1853.**Date:** 28 November 1888.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Echeveria pringlei* (S. Wats.) Rose.**References:** Proc. Amer. Acad. 25:148. 1890.***Cotyledon subrigida* Rob. & Sea.****Type Status:** Isotype**Accession No:** 421122**Bar Code:** 359133**Proofed:** none.**Location:** Mexico, Mexico. Ledges, Tultenango Canyon.**Habitat:** Ledges.**Collector:** C.G. Pringle #4326.**Date:** 31 October 1892.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Echeveria subrigida* Rose.**References:** Proc. Amer. Acad. 28:105. 1893.

**Dudleya pachyphytum Moran & Benedict****Type Status: Isotype****Accession No:** 393821**Bar Code:** 363069**Proofed:** none.**Location:** , Mexico. Cedros Island. Upper west flank of island ca. 1 km NW of old mine in Canada de la Mina. 28° 21½' N Lat. 115° 14' W Long.**Habitat:** Abundant on cliffs and steep rocky slopes. 450 m.**Collector:** Reid Moran #29036. With Michael Benedict.**Date:** 18 July 1980.**Miscellaneous:** Rosettes clustered, 12-23 (-27) cm wide, of 12-25 (-35) lvs. Lvs. farinose, to 2½ cm thick. Floral stems 2½-7 cm long. Corolla white. Repr. Status: Flr.**Annotations:** none.**References:** Phytologia 47:85. 1980.**Sedum chihuahuense S. Watson****Type Status: Isotype****Accession No:** 421119**Bar Code:** 406785**Proofed:** none.**Location:** Chihuahua, Mexico. Sierra Madre.**Habitat:** Thin soil of porphyry ledges.**Collector:** C.G. Pringle #1240.**Date:** 30 September 1887.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = *Villadia chihuahuense* (Wats.) Jacobsen; Nat. Cac. Succ. J. 3:76. 1958.**References:** Proc. Amer. Acad. 23: 273. 1888.**Sedum diffusum S. Watson****Type Status: Isotype****Accession No:** 421118**Bar Code:** 406793**Proofed:** none.**Location:** Nuevo Leon, Mexico. Sierra de la Silla.**Habitat:** Dry limestone ledges.**Collector:** C.G. Pringle #2509.**Date:** 28 May 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 25: 148. 1890.**Sedum jaliscoanum S. Watson****Type Status: Isotype****Accession No:** 421116**Bar Code:** 406801**Proofed:** none.**Location:** Jalisco, Mexico. Near Guadalajara.**Habitat:** Shaded mossy rocks.**Collector:** C.G. Pringle #2451.**Date:** 23 September 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 25: 148. 1890.

**Sedum lenophylloides Rose****Type Status: ?****Accession No:** 149425      **Bar Code:** 406819      **Proofed:** none.**Location:** Nuevo Leon, Mexico. Sierra Madre above Monterrey.**Habitat:** Limestone ledges. 3000 ft.**Collector:** C.G. Pringle #10396.**Date:** 19 September 1907.**Miscellaneous:** 1 to 2 ft. Plantae Mexicanae. Repr. Status: Flr.**Annotations:** none.**References:** Contr. U. S. Natl. Herb. 13: 298. 1911.**Sedum pringlei var. minus B. L. Rob. & Seaton****Type Status: Isotype****Accession No:** 421117      **Bar Code:** 406827      **Proofed:** none.**Location:** Mexico, Mexico. Summit of the Nevada de Toluca.**Habitat:** Bare earth.**Collector:** C.G. Pringle #4240.**Date:** 6 September 1892.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = Sedum minimum Rose, Bull. New York Bot. Gard. 3:40. 1903.**References:** Proc. Amer. Acad. 28: 105. 1893.**Family: Cucurbitaceae****Cyclanthera pringlei Rob. & Sea.****Type Status: Isotype****Accession No:** 421150      **Bar Code:** 360008      **Proofed:** none.**Location:** Michoacan, Mexico. Near Patzcuaro.**Habitat:** Rocky hills.**Collector:** C.G. Pringle #4317.**Date:** 9 October 1892.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 28:106. 1893.**Echinopepon jaliscanus Rose****Type Status: Isotype?****Accession No:** 421153      **Bar Code:** 363093      **Proofed:** none.**Location:** Jalisco, Mexico. Tequila.**Habitat:** Covering bushes, etc.**Collector:** C.G. Pringle #4563.**Date:** 30 September 1893.**Miscellaneous:** Originally identified as Echinocystis coulteri Cogn. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** Echinopepon, det. C.W.T. Penland, no date.**References:** Contr. U.S. Nat. Herb. 5:117. 1897.

**Echinopepon pringle** Rose**Type Status:** Isotype**Accession No:** 421149**Bar Code:** 363101**Proofed:** none.**Location:** Morelos, Mexico. Barranca near Cuernavaca.**Habitat:** none. 5000 ft.**Collector:** C.G. Pringle #6183.**Date:** 8 November 1895.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. U.S. Nat. Herb. 5:117. 1897.**Schizocarpum parviflorum** B.L. Rob. & Greenm.**Type Status:** Isotype?**Accession No:** 421152**Bar Code:** 406637**Proofed:** none.**Location:** Jalisco, Mexico. Barranca of Tequila.**Habitat:** Talus of cliffs.**Collector:** C.G. Pringle #4555.**Date:** 3 October 1893.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 29: 386. 1894.**Sicyos minimus** S. Watson**Type Status:** Isoytype**Accession No:** 421151**Bar Code:** 407056**Proofed:** none.**Location:** Chihuahua, Mexico. Canyons of the Sierra Madre.**Habitat:** Under cliffs.**Collector:** C.G. Pringle #1871.**Date:** 2 October 1888.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Cremastopus minimus* (S. Wats.) P.G. Wilson, Hook. Ic. Pl. 36, tab. 3586. 1962.**References:** Proc. Amer. Acad. 23: 274. 1888.**Family: Cuscutaceae****Cuscuta desmouliniana** Yuncker**Type Status:** Isotype**Accession No:** 149578**Bar Code:** 359968**Proofed:** none.**Location:** Sonora, Mexico. Hills near Altar.**Habitat:** none.**Collector:** C.G. Pringle #105.**Date:** 26 August 1884.**Miscellaneous:** Originally identified as *Cuscuta*. Plantae Mexicanae. Gift from Colorado College 1984.**Annotations:** none.**References:** Ill. Biol. Monogr. 6:40. 1921.



**Cuscuta pringlei Yuncker****Type Status: Isotype?****Accession No:** 421100**Bar Code:** 359976**Proofed:** none.**Location:** Jalisco, Mexico. Hillsides near Guadalajara.**Habitat:** none.**Collector:** C.G. Pringle #2472.**Date:** 10 October 1889.**Miscellaneous:** Originally identified as *Cuscuta floribunda* HBK or new sp. *Plantae Mexicanae*. Gift from Colorado College 1984.**Annotations:** *Cuscuta pringlei* Yuncker, according to Yuncker monogr.**References:** Ill. Biol. Monogr. 8, nos. 203:29, fig. 13, 119, 152. 1921.**Cuscuta warneri Yuncker****Type Status: Isotype****Accession No:** 179541**Bar Code:** 359992**Proofed:** none.**Location:** Utah, USA. Vicinity of Flowell, 15 miles west of Fillmore.**Habitat:** On *Phyla cuneifolia*.**Collector:** Lloyd Warner #sn.**Date:** 10 September 1957.**Miscellaneous:** none. Repr. Status: Frt.**Annotations:** none.**References:** Brittonia 12:38. 1960.**Cuscuta warneri Yuncker****Type Status: Isotype****Accession No:** 211444**Bar Code:** 359984**Proofed:** none.**Location:** Utah, USA. Vicinity of Flowell, 15 miles west of Fillmore.**Habitat:** On *Phyla cuneifolia*.**Collector:** Lloyd Warner #sn.**Date:** 10 September 1957.**Miscellaneous:** none. Repr. Status: Frt.**Annotations:** none.**References:** Brittonia 12:38. 1960.**Family: Cyperaceae****Carex arapahoensis Clokey****Type Status: Isotype****Accession No:** 123239**Bar Code:** 356469**Proofed:** none.**Location:** Boulder County, Colorado, USA. Arapahoe Peak.**Habitat:** Dry hillside. 11700 ft.**Collector:** I.W. Clokey #3227.**Date:** 29 July 1918.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Rhodora 23:81. 1919.

**Carex bipartita var. austromontana F.J. Hermann****Type Status: Isotype****Accession No:** 163852**Bar Code:** 356477**Proofed:** none.**Location:** Boulder County, Colorado, USA. Niwot Ridge above Univ. of Colo. Science Camp, ca. 8 miles NW of Nederland.**Habitat:** Edge of swale on tundra. 11500 ft.**Collector:** F.J. Hermann #17059.**Date:** 15 August 1961.**Miscellaneous:** "Supposedly differs from lachenalii v. lachenalii (=bipartita) by its longer (0.5-1.0 mm) beaks" W.A. Weber 1967. "Vidit! (leaf epidermis studied", H. Toivonen 1981. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Leaf. West. Bot. 10:16. 1963.**Carex ciliaris Fernald****Type Status: ?****Accession No:** 149762**Bar Code:** 356493**Proofed:** none.**Location:** Hidalgo, Mexico. Lena Station.**Habitat:** Oak woods. 8300 ft.**Collector:** C.G. Pringle #10039.**Date:** 26 August 1905.**Miscellaneous:** Plantae Mexicanae. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 43:61. 1907.**Carex limnophila F.J. Hermann****Type Status: Isotype****Accession No:** 107928**Bar Code:** 356519**Proofed:** none.**Location:** Sublette County, Wyoming, USA. N. shore of Half Moon Lake, Wind River Mts., 7 miles NE Pinedale.**Habitat:** Gravelly edge of road bordering willows, shore of lake. 7500 ft.**Collector:** F.J. Hermann #12252.**Date:** 21 August 1955.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Leaf. W. Bot. 8:28. 1956.**Carex pringlei Bailey****Type Status: Isotype****Accession No:** 422953**Bar Code:** 356527**Proofed:** none.**Location:** San Luis Potosi, Mexico. Hacienda de Angostura.**Habitat:** Borders of streams.**Collector:** C.G. Pringle #3801.**Date:** 4 August 1891.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Bot. Gaz. 17:151. 1892.

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<b>Carex seatoniana Bailey</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 149913	<b>Bar Code:</b> 356451	<b>Proofed:</b> none.
<b>Location:</b> Hidalgo, Mexico. Near Tula.		
<b>Habitat:</b> Wet river bluffs.		
<b>Collector:</b> C.G. Pringle #7452.		
<b>Date:</b> 24 June 1897.		
<b>Miscellaneous:</b> Plantae Mexicanae. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Bot. Gaz. 23:270. 1898.		
<b>Carex tiogana D.W. Taylor &amp; J. Mastrogioseppe</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 530500	<b>Bar Code:</b> 932855	<b>Proofed:</b> none.
<b>Location:</b> Mono County, California, USA. Mono Basin, Parker Creek drainage. Headwaters of Parker Creek, along trail between Parker Pass and Koip Pass. Southern shore of small lake at NW base of steep climb up switchbacks to saddle between Koip and Parker peaks. TRS: T1S R25E SEC26 SW¼. 37° 11' 27" N Lat. 119° 49' 39" W Long.		
<b>Habitat:</b> Moist turf dominated by <i>Salix nivalis</i> , <i>Epilobium latifolium</i> , <i>Carex capitata</i> , <i>C. subnigricans</i> , <i>C. aurea</i> on metamorphic (carbonaceous marble) substrate. 10850 ft.		
<b>Collector:</b> Dean Wm. Taylor #9981. With Kathleen A. Teare.		
<b>Date:</b> 17 July 1988.		
<b>Miscellaneous:</b> Original ID: <i>Carex</i> . Alpine flora of the Sierra Nevada. Repr. Status: Flr & Frt.		
<b>Annotations:</b> <i>Carex tiogana</i> D.W. Taylor & J. Mastrogioseppe, Isotype, Section Capillares, det. Dean W. Taylor, 1999.		
<b>References:</b> Novon 9:120. 1999.		
<b>Carex tompkinsi J.T. Howell</b>		<b>Type Status: Type</b>
<b>Accession No:</b> 230618	<b>Bar Code:</b> 356550	<b>Proofed:</b> none.
<b>Location:</b> Fresno County, California, USA. Copper Creek Trail, Kings Canyon.		
<b>Habitat:</b> In partial shade generally around granitic rocks. 5500 ft.		
<b>Collector:</b> John Thomas Howell #35333.		
<b>Date:</b> 6 June 1960.		
<b>Miscellaneous:</b> none. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Leafl. W. Bot. 9:185. 1961.		
<b>Cyperus brainerdii Britton</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422941	<b>Bar Code:</b> 360073	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Near Guadalajara.		
<b>Habitat:</b> Wet places.		
<b>Collector:</b> C.G. Pringle #3843.		
<b>Date:</b> 25 September 1891.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Urbina, Cat. Pl. Mex. 366. 1897.		

**Dicromena pringlei C.B. Clarke.****Type Status: Isotype****Accession No:** 424038**Bar Code:** 362855**Proofed:** none.**Location:** Jalisco, Mexico. Hills near Guadalajara.**Habitat:** Wet soil.**Collector:** C.G. Pringle #2319.**Date:** 5 November 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Urbina, Cat. Pl. Mex. 371. 1897.**Eriophorum ocreatum A. Nelson****Type Status: Isotype****Accession No:** 15882**Bar Code:** 367672**Proofed:** none.**Location:** Albany County, Wyoming, USA. Lincoln Gulch.**Habitat:** Subalpine, boggy parks.**Collector:** Aven Nelson #8014.**Date:** 8 August 1900.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Bull. Torrey Bot. Club 29:400. 1902.**Eriophorum ocreatum A. Nelson****Type Status: Isotype****Accession No:** 332283**Bar Code:** 367664**Proofed:** none.**Location:** Albany County, Wyoming, USA. Lincoln Gulch.**Habitat:** Subalpine, boggy parks.**Collector:** Aven Nelson #8014.**Date:** 8 August 1900.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Bull. Torrey Bot. Club 29:400. 1902.**Kobresia hyperborea var. lepagei Duman****Type Status: Isotype****Accession No:** 114610**Bar Code:** 371948**Proofed:** none.**Location:** Alaska, USA. North side of Colville River, Umiat.**Habitat:** Dry ridge.**Collector:** Ernest Lepage #23640.**Date:** 30 July 1948.**Miscellaneous:** Tufted. Repr. Status: Flr & Frt.**Annotations:** Kobresia hyperborea var. lepagei Duman, Isotype, det. Rev. Maximilian Duman, no date.**References:** Bull. Torrey Bot. Club 83:194. 1956.

**Rhynchospora angosturensis Thomas****Type Status: Isotype****Accession No:** 424039**Bar Code:** 406249**Proofed:** none.**Location:** San Luis Potosi, Mexico. Hacienda de Angostura.**Habitat:** Verge of warm springs.**Collector:** C.G. Pringle #3694.**Date:** 26 June 1891.**Miscellaneous:** Originally identified as *Dichromena nervosa* Vahl? *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** *Rhynchospora angosturensis* Thomas, Isotype, det. W.A. Weber 1988.**References:** Mem. New York Bot. Gard. 37: 75. 1984.**Scirpus pringlei Britton****Type Status: Isotype****Accession No:** 422943**Bar Code:** 406660**Proofed:** none.**Location:** Chihuahua, Mexico. Near Guerrero.**Habitat:** Dry gravelly soil.**Collector:** C.G. Pringle #1400.**Date:** 11 September 1887.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Original publication cites 2 specimens as the type, coll. nos. 1400 and 1399, "the latter specimen without terminal spikes". Repr. Status: Flr & Frt.**Annotations:** = *Bulbostylis pringlei* (Britton) Beetle, det. Beetle 1947.**References:** Bull. Torrey Bot. Club 15: 103. 1888.**Scirpus pringlei Britton****Type Status: Isotype****Accession No:** 422968**Bar Code:** 406678**Proofed:** none.**Location:** Chihuahua, Mexico. Near Guerrero.**Habitat:** Dry gravelly soil.**Collector:** C.G. Pringle #1400.**Date:** 11 September 1887.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Original publication cites 2 specimens as the type, coll. nos. 1400 and 1399, "the latter specimen without terminal spikes". Repr. Status: Flr & Frt.**Annotations:** none.**References:** Bull. Torrey Bot. Club 15: 103. 1888.

**Scirpus pringlei Britton****Type Status: Isotype****Accession No:** 422945**Bar Code:** 411512**Proofed:** none.**Location:** Chihuahua, Mexico. Base of the Sierra Madre.**Habitat:** Pine plains.**Collector:** C.G. Pringle #1399.**Date:** 15 September 1887.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Original publication cites 2 specimens as the type, coll. nos. 1400 and 1399, "the latter specimen without terminal spikes". Repr. Status: Veg.**Annotations:** none.**References:** Bull. Torrey Bot. Club 15:103. 1888.**Family: Dioscoriaceae****Dioscorea hirsuticaulis Robinson****Type Status: Isotype****Accession No:** 424007**Bar Code:** 362863**Proofed:** none.**Location:** Jalisco, Mexico. Barranca of Tequila.**Habitat:** Under dry ledges, barranca.**Collector:** C.G. Pringle #4572.**Date:** 14 October 1893.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 29:324. 1894.**Dioscorea minima Rob. & Sea.****Type Status: Isotype****Accession No:** 424002**Bar Code:** 362871**Proofed:** none.**Location:** Michoacan, Mexico. Lava beds near Patzcuaro.**Habitat:** Lava beds.**Collector:** C.G. Pringle #4157.**Date:** 28 July 1892.**Miscellaneous:** Originally identified as *Dioscorea pusilla* Rob. & Sea. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** *Dioscorea pusilla* nom. nod. acc. to Uline, Engl. Bot. Jarhb. 22:426. 1896.**References:** Proc. Amer. Acad. 28:115. 1893.**Dioscorea plumifera Robinson****Type Status: Isotype****Accession No:** 424004**Bar Code:** 362889**Proofed:** none.**Location:** Jalisco, Mexico. Barranca of Tequila.**Habitat:** Under cliffs, barranca.**Collector:** C.G. Pringle #4530.**Date:** 14 October 1893.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 29:324. 1894.

**Dioscorea pringlei Robinson****Type Status: Isotype****Accession No:** 424003**Bar Code:** 362897**Proofed:** none.**Location:** Jalisco, Mexico. Barranca near Guadalajara.**Habitat:** Grassy slopes of barranca.**Collector:** C.G. Pringle #4526.**Date:** 7 September 1893.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 29:323. 1894.**Family: Dryopteridaceae****Woodsia neomexicana Windham****Type Status: Isotype****Accession No:** 499760**Bar Code:** 537415**Proofed:** none.**Location:** Socorro County, New Mexico, USA. Along small tributary of Water Canyon in the Magdalena Mountains ca. 5.84 km SE of the summit of North Baldy. Cibola N.F. TRS: T3S R3W SEC27 SE $\frac{1}{4}$  SE $\frac{1}{4}$  SW $\frac{1}{4}$ .**Habitat:** Among rhyolitic rocks on NE-facing slope. Partially shaded locality in mixed conifer community. 7050 ft.**Collector:** M.D. Windham #90-365. With E. Rabe.**Date:** 23 August 1990.**Miscellaneous:** Magdalena Quad (7.5'). Voucher specimen for chromosome studies, n = 76.**Annotations:** none.**References:** Contr. Univ. Michigan Herb. 19:52. 1993.**Family: Ericaceae****Arctostaphylos rupestris Rob. & Sea.****Type Status: Isotype****Accession No:** 421140**Bar Code:** 347914**Proofed:** none.**Location:** Michoacan, Mexico. Near Patzcuaro.**Habitat:** Dry rocky hills.**Collector:** C.G. Pringle #4318.**Date:** 14 October 1892.**Miscellaneous:** 5-15 ft. Repr. Status: Flr.**Annotations:** = Comarostaphylos rupestris Small.**References:** Proc. Amer. Acad. 28:112. 1893.

Family: Eriocaulaceae
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**Eriocaulon guadalajarensense Ruhl.** **Type Status: Isotype**  
**Accession No:** 423998      **Bar Code:** 363382      **Proofed:** none.  
**Location:** Jalisco, Mexico. Near Guadalajara.  
**Habitat:** Wet places.  
**Collector:** C.G. Pringle #1734.  
**Date:** 3 November 1888.  
**Miscellaneous:** Originally identified as *Eriocaulon benthami* Kunth. *Plantae Mexicanae*. Gift from Colorado College 1984.  
**Annotations:** *Eriocaulon guadalajarensense* Ruhl., det. H.N. Moldenke 1940.  
**References:** *Pflanzenr.* 30:60. 1903.

**Eriocaulon jaliscanum S. Watson** **Type Status: Isotype**  
**Accession No:** 422935      **Bar Code:** 363390      **Proofed:** none.  
**Location:** Jalisco, Mexico. Near Guadalajara.  
**Habitat:** Wet places.  
**Collector:** C.G. Pringle #3855.  
**Date:** 7 October 1891.  
**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984.  
**Annotations:** *Eriocaulon bilobatum* Morong, det. H.N. Moldenke 1940.  
**References:** *Proc. Amer. Acad.* 26:157. 1891.

**Eriocaulon pringlei S. Watson** **Type Status: Isotype**  
**Accession No:** 424000      **Bar Code:** 363408      **Proofed:** none.  
**Location:** Chihuahua, Mexico. Plains at the base of Sierra Madre.  
**Habitat:** Wet places, plains.  
**Collector:** C.G. Pringle #2018.  
**Date:** 10 October 1888.  
**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984.  
**Annotations:** *Eriocaulon pringlei* S. Wats., det. H.N. Moldenke 1940.  
**References:** *Proc. Amer. Acad.* 23:283. 1888.

Family: Euphorbiaceae
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**Acalypha dioica S. Watson** **Type Status: Isotype**  
**Accession No:** 424573      **Bar Code:** 339556      **Proofed:** none.  
**Location:** Nuevo Leon, Mexico. Near Monterey.  
**Habitat:** Limestone ledges.  
**Collector:** C.G. Pringle #2417.  
**Date:** 9 June 1889.  
**Miscellaneous:** *Plantae Mexicanae*. Gift to Herbarium COLO from Colorado College 1984. Repr. Status: Flr.  
**Annotations:** none.  
**References:** *Proc. Amer. Acad.* 25:162. 1890.



**Acalypha dissitiflora S. Watson****Type Status: Isotype****Accession No:** 424576**Bar Code:** 339564**Proofed:** none.**Location:** San Luis Potosi, Mexico. Tamasopo Canyon.**Habitat:** Limestone ledges.**Collector:** C.G. Pringle #3083.**Date:** 2 July 1890.**Miscellaneous:** Plantae Mexicanae. Gift to Herbarium COLO from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 26:148. 1891.**Acalypha erubescens Rob. & Greenm.****Type Status: Isotype****Accession No:** 424575**Bar Code:** 339572**Proofed:** none.**Location:** San Luis Potosi, Mexico. Near Villar.**Habitat:** Limestone hills.**Collector:** C.G. Pringle #4538.**Date:** 14 September 1893.**Miscellaneous:** Plantae Mexicanae. Gift to Herbarium COLO from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 29:393. 1894.**Acalypha flavescens S. Watson****Type Status: Isotype****Accession No:** 424574**Bar Code:** 339580**Proofed:** none.**Location:** San Luis Potosi, Mexico. Tamasopo Canyon.**Habitat:** none.**Collector:** C.G. Pringle #3073.**Date:** 14 June 1890.**Miscellaneous:** A shrub 5-10 feet high. Plantae Mexicanae. Gift to Herbarium COLO from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 26:149. 1891.**Acalypha longipes S. Watson****Type Status: Isotype****Accession No:** 424572**Bar Code:** 339598**Proofed:** none.**Location:** San Luis Potosi, Mexico. Tamasopo Canyon.**Habitat:** Limestone ledges.**Collector:** C.G. Pringle #3082.**Date:** 25 June 1890.**Miscellaneous:** Plantae Mexicanae. Gift to Herbarium COLO from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 26:149. 1891.

**Chamaesyce perennans Shinnery****Type Status: Isotype****Accession No:** 92013      **Bar Code:** 356774      **Proofed:** none.**Location:** Brewster County, Texas, USA. 3 mi. w. of Terlingua.**Habitat:** Erect; gravel bed of dry creek.**Collector:** B.L. Turner #53-539. With B.C. Tharp, B.H. Warnock.**Date:** 27 August 1953.**Miscellaneous:** Originally identified as Chamaesyce. Repr. Status: Flr & Frt.**Annotations:** Isotype of Chamaesyce perennans Shinnery, det. Michael J. Huft 1987.**References:** Field & Lab. 24:38. 1956.**Croton calvescens S. Watson****Type Status: Isotype****Accession No:** 424544      **Bar Code:** 359851      **Proofed:** none.**Location:** Michoacan, Mexico. Hills near Patzcuaro.**Habitat:** none.**Collector:** C.G. Pringle #3346.**Date:** 11 November 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 26:147. 1891.**Croton elaeagnoides S. Watson****Type Status: Isotype****Accession No:** 424547      **Bar Code:** 359869      **Proofed:** none.**Location:** San Luis Potosi, Mexico. Las Palmas.**Habitat:** none.**Collector:** C.G. Pringle #3080.**Date:** 28 June 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** = Croton watsonii Small.**References:** Proc. Amer. Acad. 26:146. 1891.**Euphorbia ariensis var. villicaulis Fernald****Type Status: ?****Accession No:** 169504      **Bar Code:** 367813      **Proofed:** none.**Location:** Michoacan, Mexico. Coru Station.**Habitat:** Pine forests. 6500 ft.**Collector:** C.G. Pringle #10116.**Date:** 29 October 1905.**Miscellaneous:** Plantae Mexicanae. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 43:62. 1907.

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<b>Euphorbia chalicophila Weatherby</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 149867	<b>Bar Code:</b> 367821	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Near Guadalajara.		
<b>Habitat:</b> Gravelly banks.		
<b>Collector:</b> C.G. Pringle #11846.		
<b>Date:</b> 12 October 1903.		
<b>Miscellaneous:</b> Plantae Mexicanae. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 45:426. 1910.		
<b>Euphorbia fendleri var. dissimilis Payson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 16719	<b>Bar Code:</b> 367839	<b>Proofed:</b> none.
<b>Location:</b> Montrose County, Colorado, USA. Naturita.		
<b>Habitat:</b> Dry, sandy hills. 5400 ft.		
<b>Collector:</b> Edwin Payson #119.		
<b>Date:</b> 27 June 1913.		
<b>Miscellaneous:</b> none. Repr. Status: Flr & Frt.		
<b>Annotations:</b> = Euphorbia fendleri T. & G., fide Wheeler.		
<b>References:</b> Bot. Gaz. 60:379. 1915.		
<b>Euphorbia hexagonoides S. Watson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 424585	<b>Bar Code:</b> 367847	<b>Proofed:</b> none.
<b>Location:</b> Chihuahua, Mexico. Foothills of Sierra Madre.		
<b>Habitat:</b> Dry banks.		
<b>Collector:</b> C.G. Pringle #2016.		
<b>Date:</b> 5 October 1888.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 25:161. 1890.		
<b>Euphorbia jaliscensis Rob. &amp; Greenm.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 424580	<b>Bar Code:</b> 367854	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Barranca of Tequila.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #4608.		
<b>Date:</b> 23 September 1893.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 29:392. 1894.		

**Euphorbia laredana Millsp.****Type Status: Isotype****Accession No:** 494054**Bar Code:** 367862**Proofed:** none.**Location:** Texas, USA. Laredo.**Habitat:** Sandy plains.**Collector:** C.G. Pringle #3747.**Date:** 5 July 1891.**Miscellaneous:** Gift from Colorado College. Repr. Status: Flr & Frt.**Annotations:** = Chamaesyce laredana (Millsp.) Small, det. W.A. Weber 1993.**References:** Pittonia 2:88. 1890.**Euphorbia lineata S. Watson****Type Status: Isotype****Accession No:** 424581**Bar Code:** 367870**Proofed:** none.**Location:** Chihuahua, Mexico. Bachimba Canyon.**Habitat:** Warm springs.**Collector:** C.G. Pringle #187.**Date:** 21 April 1885.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = Chamaesyce lineata Millsp.**References:** Proc. Amer. Acad. 21:455. 1886.**Euphorbia longecornuta S. Watson****Type Status: Isotype****Accession No:** 424582**Bar Code:** 367888**Proofed:** none.**Location:** Nuevo Leon, Mexico. Summit of Sierra de la Silla.**Habitat:** Crevices of cliffs. 5000 ft.**Collector:** C.G. Pringle #2545.**Date:** 3 June 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 25:161. 1890.**Euphorbia longeramosa S. Watson****Type Status: Isotype****Accession No:** 424584**Bar Code:** 367896**Proofed:** none.**Location:** Chihuahua, Mexico. Sand hills near Samalayuca.**Habitat:** Sand hills.**Collector:** C.G. Pringle #2000.**Date:** 13 September 1888.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = Chamaesyce longeramosa Millsp.**References:** Proc. Amer. Acad. 25:161. 1890.

**Euphorbia luciismithii Rob. & Greenm.****Type Status: Isotype****Accession No:** 424583      **Bar Code:** 367904      **Proofed:** none.**Location:** Oaxaca, Mexico. Monte Alban.**Habitat:** Rocky gulches. 5800 ft.**Collector:** C.G. Pringle #4903.**Date:** 14 September, 27 November 1894.**Miscellaneous:** A shrub, 10-15 ft. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 32:36. 1896.**Euphorbia misella S. Watson****Type Status: Isotype****Accession No:** 424577      **Bar Code:** 367912      **Proofed:** none.**Location:** Mexico, Mexico. Flor de Maria.**Habitat:** Wet grassy borders of prairie ponds.**Collector:** C.G. Pringle #3305.**Date:** 18 October 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984.**Annotations:** none.**References:** Proc. Amer. Acad. 26:146. 1891.**Euphorbia montereyana Millspaugh****Type Status: Isotype****Accession No:** 424578      **Bar Code:** 367920      **Proofed:** none.**Location:** Nuevo Leon, Mexico. Mountains near Monterey.**Habitat:** none.**Collector:** C.G. Pringle #2600.**Date:** June-August 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Bull. Torrey Bot. Club 16:66. 1889.**Euphorbia oaxacana Rob. & Greenm.****Type Status: Isotype****Accession No:** 424579      **Bar Code:** 367938      **Proofed:** none.**Location:** Oaxaca, Mexico. Monte Alban.**Habitat:** Ledges. 5800 ft.**Collector:** C.G. Pringle #6070.**Date:** 23 November 1894.**Miscellaneous:** 2-5 feet. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = Aklema oaxacana Millsp.**References:** Proc. Amer. Acad. 32:37. 1896.

**Euphorbia subcoerulea Rob. & Greenm.****Type Status: Isotype**

**Accession No:** 424558      **Bar Code:** 367946      **Proofed:** none.  
**Location:** Oaxaca, Mexico. Tomellin Canyon.  
**Habitat:** Dry banks. 3500 ft.  
**Collector:** C.G. Pringle #6265.  
**Date:** 9 December 1895.

**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.

**Annotations:** none.

**References:** Proc. Amer. Acad. 32:37. 1896.

**Euphorbia subpeltata S. Watson****Type Status: Isotype**

**Accession No:** 424557      **Bar Code:** 367953      **Proofed:** none.  
**Location:** San Luis Potosi, Mexico. Tamasopo Canyon.  
**Habitat:** Limestone ledges.  
**Collector:** C.G. Pringle #3272.  
**Date:** August, September 1890.

**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.

**Annotations:** = Eumecanthus subpeltatus Millsp.

**References:** Proc. Amer. Acad. 26:146. 1891.

**Manihot intermedia Weatherby****Type Status: ?**

**Accession No:** 149385      **Bar Code:** 378059      **Proofed:** none.  
**Location:** Guerrero, Mexico. Iguala Canyon.  
**Habitat:** none. 3000 ft.  
**Collector:** C.G. Pringle #13938.  
**Date:** 29 July 1907.

**Miscellaneous:** Plantae Mexicanae. Repr. Status: Flr & Frt.

**Annotations:** none.

**References:** Proc. Amer. Acad. 45:427. 1910.

**Manihot pringlei S. Watson****Type Status: Isotype**

**Accession No:** 169493      **Bar Code:** 378075      **Proofed:** none.  
**Location:** San Luis Potosi, Mexico. Las Canoas.  
**Habitat:** Limestone hills.  
**Collector:** C.G. Pringle #3826.  
**Date:** 14 August 1891.

**Miscellaneous:** none. Repr. Status: Flr & Frt.

**Annotations:** none.

**References:** Proc. Amer. Acad. 26:148. 1891.

**Manihot pringlei S. Watson****Type Status: Isotype****Accession No:** 424587**Bar Code:** 378067**Proofed:** none.**Location:** San Luis Potosi, Mexico. Las Canoas.**Habitat:** Limestone hills.**Collector:** C.G. Pringle #3826.**Date:** 14 August 1891.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 26:148. 1891.**Sebastiania pringlei S. Watson****Type Status: Isotype****Accession No:** 424586**Bar Code:** 406777**Proofed:** none.**Location:** San Luis Potosi, Mexico. San Jose Pass.**Habitat:** Rocky gulches.**Collector:** C.G. Pringle #3136.**Date:** 12 July 1890.**Miscellaneous:** Originally identified as *Gymnanthes pringlei* S. Wats. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** *Gymnanthes pringlei* Watson ex Pax  
in Engl. Pflanzenreich, Euphorb.-Hippom. 147 (1912), in syn.  
*Sebastiania Pringlei***References:** Proc. Amer. Acad. 26: 149. 1891.**Family: Fabaceae****Acacia glandulifera S. Watson****Type Status: Isotype****Accession No:** 423646**Bar Code:** 339549**Proofed:** none.**Location:** Coahuila, Mexico. Carneros Pass.**Habitat:** Limestone hills.**Collector:** C.G. Pringle #3697.**Date:** 10 May 1891.**Miscellaneous:** 2 feet high. Plantae Mexicanae. Gift to Herbarium COLO from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Poponax glandulifera* Britt. & Rose.**References:** Proc. Amer. Acad. 25:147. 1890.

**Astragalus ackermannii** Barneby**Type Status:** Isotype**Accession No:** 311424**Bar Code:** 349324**Proofed:** none.

**Location:** Clark County, Nevada, USA. Sheep Range, draw on southeast edge of range overlooking Yucca Forest, 35.5 km (22 mi) airline distance north of downtown Las Vegas. TRS: T17S R60E Sec15.

**Habitat:** Limestone ledge with *Buddleia utahensis*, *Penstemon petiolatus*, *Eucnide urens*, *Phacelia rotundifolia*, *Cheilanthes feei*, *Euphorbia* (perennial) & *Camissonia claviformis*. 5200 ft. 1580 m.

**Collector:** Noel H. Holmgren #9200. With P. K. Holmgren, R. C. Barneby.

**Date:** 27 May 1979.

**Miscellaneous:** none. Repr. Status: Frt.

**Annotations:** none.

**References:** Brittonia 32:26-28. 1980.

**Astragalus chuskanus** Barneby & Spellenberg**Type Status:** Isotype**Accession No:** 452290**Bar Code:** 349340**Proofed:** none.

**Location:** San Juan County, New Mexico, USA. Navajo Nation, central Chuska Mts. along highway between Sheep Springs & Crystal, 1.8 km W of Washington Pass, ca. 8 km E of Crystal.

**Habitat:** On S-facing 20-45° sandy slopes of Chuska Sandstone. In openings in ponderosa pine, gambel oak, doug fir & rocky mt. juniper woods, w/ *Bromus tectorum*, *Agropyron cristatum*, *Senecio werneriaefolius*, *Euphorbia chamaesula*. Common along roadbank & . . . . 2440 m.

**Collector:** Richard Spellenberg #8521. With Donna House, Naida Zucker, Bill Hargraves.

**Date:** 28 June 1986.

**Miscellaneous:** Plts. prostrate, forming mats to 6 dm broad, silvery gray; corolla very near white, keel dark dull maroon; plts. w/ long taproot, on larger 15 mm dia. at root crown. Repr. Status: Flr.

**Annotations:** none.

**References:** Brittonia 39:188-191. 1987.

**Astragalus cibarius** Sheld.**Type Status:** Lectotype**Accession No:** 73534**Bar Code:** 349365**Proofed:** none.

**Location:** Utah, USA. Spanish Fork.

**Habitat:** none.

**Collector:** Marcus E. Jones #sn.

**Date:** May 1880.

**Miscellaneous:** Chosen as lectotype by Barneby 1964, p. 497. Repr. Status: Flr.

**Annotations:** none.

**References:** Minn. Bot. Stud. 1:149. 1894.



**Astragalus debequaeus Welsh****Type Status: Isotype****Accession No:** 417119**Bar Code:** 349381**Proofed:** none.**Location:** Mesa County, Colorado, USA. Ca 7 mi S of De Beque. TRS: T9S R97W Sec26 SE¼ of SE¼.**Habitat:** Wasatch Formation, pinyon-juniper-desert shrub comm. 5400 ft.**Collector:** S. Welsh #22792. With B. Welsh, R. Kass.**Date:** 16 May 1984.**Miscellaneous:** Flowers pure white. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Great Basin Naturalist 45:31-33. 1985.**Astragalus debequaeus Welsh****Type Status: Isotype****Accession No:** 427603**Bar Code:** 349373**Proofed:** none.**Location:** Mesa County, Colorado, USA. Ca 7 mi S of De Beque. TRS: T9S R97W Sec26 SE¼ of SE¼.**Habitat:** Wasatch Formation, pinyon-juniper-desert shrub comm. 5400 ft.**Collector:** S. Welsh #22792. With B. Welsh, R. Kass.**Date:** 16 May 1984.**Miscellaneous:** Flowers pure white. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Great Basin Naturalist 45:31-33. 1985.**Astragalus grillator S. Watson****Type Status: Isotype****Accession No:** 55135**Bar Code:** 349407**Proofed:** none.**Location:** Routt County, Colorado, USA. Steamboat Springs.**Habitat:** none.**Collector:** Alice Eastwood #sn.**Date:** July 1891.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Zoe 3:52. 1892.**Astragalus hamiltoni C.L. Porter****Type Status: Paratype****Accession No:** 77078**Bar Code:** 349415**Proofed:** none.**Location:** Uintah County, Utah, USA. In the canyon 5 miles south of Vernal.**Habitat:** On the Wasatch Formation, open dry hillsides. Plants forming large clumps, many-stemmed from the base. 5200 ft.**Collector:** C.L. Porter #5313.**Date:** 3 June 1950.**Miscellaneous:** Flowers pale yellowish-cream. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Rhodora 54:159. 1952.

**Astragalus haydenianus var. nevadensis M.E. Jones****Type Status: Isotype****Accession No:** 73536**Bar Code:** 349423**Proofed:** none.**Location:** Nevada, USA. Palisade.**Habitat:** none.**Collector:** Marcus E. Jones #sn.**Date:** 14 June 1882.**Miscellaneous:** Originally identified as *Astragalus haydenianus*. Repr. Status: Flr.**Annotations:** none.**References:** Zoe 2:214. 1891.**Astragalus holmgreniorum Barneby****Type Status: Isotype****Accession No:** 351107**Bar Code:** 349449**Proofed:** none.**Location:** Mohave County, Arizona, USA. Mokiah Wash drainage, 1.3 km (0.8 mi) east of Mokiah Pass road, the turnoff 2.5 km (1.6 mi) south of the Utah border, 13.5 km (8.5 mi) airline distance south of St. George. TRS: T41N R12W Sec2.**Habitat:** Locally common to infrequent in gravelly soil with *Lycium andersonii*. 2800 ft. 850 m.**Collector:** Noel H. Holmgren #9175. With P.K. Holmgren, R.C. Barneby.**Date:** 25 May 1979.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Brittonia 32:24. 1980.**Astragalus lackschewitzii Lavin & Marriott****Type Status: Isotype****Accession No:** 397564**Bar Code:** 349456**Proofed:** none.**Location:** Teton County, Montana, USA. East Front Mountains, Mt. Wright. TRS: T26N R10W Sec25.**Habitat:** Slightly above the saddle, where the vegetation in stripes & bank holding this sp. in one place dominant & much evident. 7350 ft.**Collector:** Klaus H. Lackschewitz #10495.**Date:** 24 July 1983.**Miscellaneous:** Orig. ID as *A. molybdenus*. But resembles from a distance in colors & the way of growing in long rows *A. bourgowii* as well as *A. vexilliflexus*. W/ *Lomatium* cous, *Achillea*, *Physaria didymocarpa*. Repr. Status: Flr & Frt.**Annotations:** *Astragalus lackschewitzii* Lavin & Marriott, det. Matt Lavin 1996.**References:** Systematic Botany 22:214. 1997.**Astragalus linifolius Osterhout****Type Status: Isotype****Accession No:** 280019**Bar Code:** 349464**Proofed:** none.**Location:** Mesa County, Colorado, USA. Hills across the Colorado River from Grand Junction.**Habitat:** none.**Collector:** Geo. E. Osterhout #6557.**Date:** 18 June 1926.**Miscellaneous:** none. Repr. Status: Frt.**Annotations:** none.**References:** Bull. Torr. Bot. Club 55:75. 1928.

**Astragalus microcymbus Barneby****Type Status: Isotype****Accession No:** 72600**Bar Code:** 349472**Proofed:** none.**Location:** Gunnison County, Colorado, USA. 4 miles west of Gunnison.**Habitat:** Sandy roadside. 7700 ft.**Collector:** H.D. Ripley #7179. With R.C. Barneby.**Date:** 20 July 1945.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Amer. Midl. Nat. 41:499. 1949.**Astragalus missouriensis var. humistratus Isely****Type Status: Holotype****Accession No:** 71025**Bar Code:** 349480**Proofed:** none.**Location:** Archuleta County, Colorado, USA. S.E. of Pagosa Springs on road to Chromo.**Habitat:** Grassy hills.**Collector:** W.A. Weber #6348. With C.F. Livingston.**Date:** 20 June 1951.**Miscellaneous:** Originally identified as *Astragalus missouriensis*. Repr. Status: Flr & Frt.**Annotations:** *Astragalus missouriensis* var. *humistratus* Isely, det. Duane Isely 1981.**References:** Systematic Botany 8:423. 1983.**Astragalus oaxacanus Rose ex Jones****Type Status: Isotype****Accession No:** 422830**Bar Code:** 349498**Proofed:** none.**Location:** Oaxaca, Mexico. Sierra de San Felipe.**Habitat:** none. 8000 ft.**Collector:** C.G. Pringle #6264.**Date:** 10 December 1895.**Miscellaneous:** 5-8 feet. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Contrib. W. Bot. 8:9. 1899.**Astragalus osterhoutii M.E. Jones****Type Status: Isotype****Accession No:** 321169**Bar Code:** 349506**Proofed:** none.**Location:** Colorado, USA. Below Sulphur Springs.**Habitat:** none.**Collector:** G.E. Osterhout #3038.**Date:** 17 July 1905.**Miscellaneous:** none. Repr. Status: Frt.**Annotations:** none.**References:** M.E. Jones, Rev. *Astragalus*, p. 251. 1923.

**Astragalus plumbeus Barneby****Type Status: Isotype****Accession No:** 30211      **Bar Code:** 350819      **Proofed:** none.**Location:** Lake County, Colorado, USA. Mountains E. of Leadville.**Habitat:** Forming mats on open stony slope above timberline. 11400 ft.**Collector:** H.D. Ripley #9994. With R.C. Barneby.**Date:** 24 July 1948.**Miscellaneous:** Note on sheet: "= A. molybdenus Barneby nom. nov.; Leafl. West. Bot. 6:70. 1950." Repr. Status: Flr.**Annotations:** Isotype: *Astragalus molybdenus* Barneby, Leafl. West. Bot. 5:195. 1949, det. Matt Lavin 1996.**References:** Leafl. West. Bot. 5:195. 1949.**Astragalus puniceus Osterhout****Type Status: Isotype****Accession No:** 321181      **Bar Code:** 350710      **Proofed:** none.**Location:** Las Animas County, Colorado, USA. Trinidad.**Habitat:** none.**Collector:** G.E. Osterhout #1737.**Date:** 28 June 1898.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Muhlenbergia 1:140. 1906.**Astragalus rafaelsis Jones****Type Status: Isotype****Accession No:** 507609      **Bar Code:** 350728      **Proofed:** none.**Location:** Utah, USA. Cedar Mountain.**Habitat:** Sandy places on sandstone ridge.**Collector:** Marcus E. Jones #sn.**Date:** 19 May 1915.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Jones, Rev. N. Amer. Astragalus, p. 146. 1923.**Astragalus ripleyi Barneby****Type Status: ?****Accession No:** 64259      **Bar Code:** 350736      **Proofed:** none.**Location:** Taos County, New Mexico, USA. 4 mi. s. of Tres Piedras.**Habitat:** In rich soil on sagebrush plain. 8200 ft.**Collector:** H.D. Ripley #10307. With R.C. Barneby.**Date:** 8 July 1950.**Miscellaneous:** Stems and pods reddish; petals lemon-yellow. Repr. Status: Flr & Frt.**Annotations:** *Astragalus ripleyi* Barneby, type collection, det. R.C. Barneby, no date.**References:** Leaf. W. Bot. 9:175-176. 1952.

**Astragalus scrupulicola Fernald & Weatherby****Type Status: ?****Accession No:** 8305      **Bar Code:** 350744      **Proofed:** none.**Location:** Gaspé County, Quebec, Canada. Mont St. Pierre.**Habitat:** Calcareous slaty talus.**Collector:** M.L. Fernald #559. With C.A. Weatherby.**Date:** 4 July 1931.**Miscellaneous:** Plantae Exsiccatae Grayanae. Repr. Status: Frt.**Annotations:** none.**References:** Rhodora xxxiii:238. 1931.**Astragalus spectabilis C.L. Porter****Type Status: Isotype****Accession No:** 77077      **Bar Code:** 350751      **Proofed:** none.**Location:** Uintah County, Utah, USA. In a canyon about 5 miles south of Vernal on U.S. 40.**Habitat:** On red, sandy slopes of the Wasatch Formation. 5200 ft.**Collector:** C.L. Porter #5309.**Date:** 3 June 1950.**Miscellaneous:** Plants caespitose; flowers pinkish-purple. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Rhodora 54:160. 1952.**Astragalus tolucanus Rob. & Sea.****Type Status: Isotype****Accession No:** 423632      **Bar Code:** 350777      **Proofed:** none.**Location:** Mexico, Mexico. Nevada de Toluca.**Habitat:** On dryer ridges under pines. 12000 ft.**Collector:** C.G. Pringle #4238.**Date:** 6 September 1892.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 28:104. 1893.**Astragalus tortipes J.L. Anderson & J.M. Porter****Type Status: Isotype****Accession No:** 456980      **Bar Code:** 350785      **Proofed:** none.**Location:** Montezuma County, Colorado, USA. South of Sleeping Ute Mountain, 2.5 miles southwest of Towaoc-Aneth Road. TRS: T33½N R17W Sec19 NW¼ SW¼.**Habitat:** Mancos Shale overlain by pediment of gravel; growing with *Atriplex confertifolia*, *Chrysothamnus Greenei*, *Eriogonum clavellatum*, and scattered *Artemisia tridentata*. 5685 ft.**Collector:** John L. Anderson #89-16.**Date:** 25 April 1989.**Miscellaneous:** none. Repr. Status: Frt.**Annotations:** none.**References:** Syst. Bot. 19:116-125. 1994.

**Astragalus wittmannii** Barneby**Type Status:** ?**Accession No:** 323636**Bar Code:** 350801**Proofed:** none.**Location:** Mora County, New Mexico, USA. On road shoulder, I-25 mile 395 near Levy exit.**Habitat:** On road shoulder. 1920 m.**Collector:** Ron Wittmann #256.**Date:** 21 April 1979.**Miscellaneous:** Originally identified as *Astragalus*. Only one large plant seen, but surrounding country not searched. Plant 1 foot diameter, well-established here. Repr. Status: Flr.**Annotations:** *Astragalus wittmannii* Barneby; flowering material from type plant, det. R.C. Barneby, no date.**References:** Brittonia 31:459. 1979.**Astragalus wittmannii** Barneby**Type Status:** Isotype**Accession No:** 328258**Bar Code:** 350793**Proofed:** none.**Location:** Mora County, New Mexico, USA. Near mile 395.5 on Interstate Highway I-25 near Levy exit, N of Wagon Mound. Between north-bound lane and the service road. TRS: T22N R21E Sec22 SE¼.**Habitat:** One plant found growing on gray basalt used as facing for the north-bound lane. 2985 m.**Collector:** Barry Johnston #2005. With Ron Wittmann.**Date:** 9 June 1979.**Miscellaneous:** Originally identified as *Astragalus*. The same plant as Wittmann 256; only one plant found during a days search including the area from which road fill was taken. Repr. Status: Veg.**Annotations:** *Astragalus wittmannii* Barneby, det. R.C. Barneby, no date.**References:** Brittonia 31:459. 1979.**Baptisia arachnifera** Duncan**Type Status:** Isotype?**Accession No:** 72340**Bar Code:** 350942**Proofed:** none.**Location:** Wayne County, Georgia, USA. 10 miles south of Jesup.**Habitat:** Sandy soil in open pine woods.**Collector:** W.H. Duncan #5693.**Date:** 4 July 1943.**Miscellaneous:** Plantae Exsiccatae Grayanae. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Rhodora xlvii:29. 1944.

**Baptisia arachnifera** Duncan**Type Status:** Isotype?**Accession No:** 49680**Bar Code:** 350959**Proofed:** none.**Location:** Wayne County, Georgia, USA. 10 miles south of Jesup.**Habitat:** Sandy soil in open pine woods.**Collector:** W.H. Duncan #5693.**Date:** 4 July 1943.**Miscellaneous:** Plantae Exsiccatae Grayanae. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Rhodora xlv:29. 1944.**Bauhinia pringlei** S. Watson**Type Status:** Isotype?**Accession No:** 422828**Bar Code:** 350991**Proofed:** none.**Location:** Jalisco, Mexico. Cool cliffs of the barranca near Guadalajara.**Habitat:** Cool cliffs.**Collector:** C.G. Pringle #1722.**Date:** 7 November 1888.**Miscellaneous:** A shrub 15 to 20 feet high. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 25:147. 1890.**Brongniartia nudiflora** S. Watson**Type Status:** Topotype**Accession No:** 422824**Bar Code:** 352245**Proofed:** none.**Location:** Jalisco, Mexico. Volcanic mesas near Guadalajara.**Habitat:** Volcanic mesas.**Collector:** C.G. Pringle #3719.**Date:** 21 May & 18 September 1891.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Flwrs. 21 May, leaves 18 Sept. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 25:146. 1890.**Caesalpinia multiflora** Robinson**Type Status:** Isotype**Accession No:** 422820**Bar Code:** 352310**Proofed:** none.**Location:** Michoacan, Mexico. Monte Leon Pass.**Habitat:** Volcanic hills.**Collector:** C.G. Pringle #3730.**Date:** 30 May 1891.**Miscellaneous:** A medium sized tree. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = Conzattia multiflora Standley.**References:** Proc. Amer. Acad. 27:167. 1892.

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<b>Calliandra densifolia</b> Rose		<b>Type Status:</b> ?
<b>Accession No:</b> 148790	<b>Bar Code:</b> 356329	<b>Proofed:</b> none.
<b>Location:</b> Michoacan, Mexico. Monte Leon Station.		
<b>Habitat:</b> Volcanic hills.		
<b>Collector:</b> C.G. Pringle #8671.		
<b>Date:</b> 20 August 1902.		
<b>Miscellaneous:</b> 6-12 ft. Plantae Mexicanae. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Fedde, Rep. Spec. Nov. 17:89. 1921.		
<b>Calliandra densifolia</b> Rose		<b>Type Status:</b> ?
<b>Accession No:</b> 169513	<b>Bar Code:</b> 356337	<b>Proofed:</b> none.
<b>Location:</b> Michoacan, Mexico. Monte Leon Station.		
<b>Habitat:</b> Volcanic hills.		
<b>Collector:</b> C.G. Pringle #8671.		
<b>Date:</b> 20 August 1902.		
<b>Miscellaneous:</b> 6-12 ft. Plantae Mexicanae. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Fedde, Rep. Spec. Nov. 17:89. 1921.		
<b>Cologania jaliscana</b> S. Watson		<b>Type Status:</b> Isotype
<b>Accession No:</b> 424192	<b>Bar Code:</b> 357806	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Hillsides near Guadalajara.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #2788.		
<b>Date:</b> 2 July 1889.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 26:136. 1891.		
<b>Dalea capitata</b> S. Watson		<b>Type Status:</b> Isotype
<b>Accession No:</b> 424179	<b>Bar Code:</b> 361246	<b>Proofed:</b> none.
<b>Location:</b> Coahuila, Mexico. Carneros Pass.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #2378.		
<b>Date:</b> 5 September 1889.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 25:146. 1890.		



**Dalea glaberrima S. Watson****Type Status: Isotype****Accession No:** 424186**Bar Code:** 361253**Proofed:** none.**Location:** Chihuahua, Mexico. Near Paso del Norte.**Habitat:** Sand hills.**Collector:** C.G. Pringle #720.**Date:** 23 September 1886.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 22:470. 1887.**Dalea unifoliata Rob. & Greenm.****Type Status: Isotype****Accession No:** 424249**Bar Code:** 361261**Proofed:** none.**Location:** Jalisco, Mexico. Barranca of Tequila.**Habitat:** Dry thin soil, barranca.**Collector:** C.G. Pringle #4585.**Date:** 6 October 1893.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Marina unifoliata* (R. & G.) Barneby.**References:** Proc. Amer. Acad. 29:383. 1894.**Dalea viridiflora S. Watson****Type Status: Isotype****Accession No:** 424250**Bar Code:** 361279**Proofed:** none.**Location:** Chihuahua, Mexico. Portrero Mts.**Habitat:** Grassy summits. 6500 ft.**Collector:** C.G. Pringle #722.**Date:** 12 October 1886.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 21:448. 1886.**Desmodium amans S. Watson****Type Status: Isotype****Accession No:** 424202**Bar Code:** 362798**Proofed:** none.**Location:** San Luis Potosi, Mexico. Hills, Las Canoas.**Habitat:** none.**Collector:** C.G. Pringle #3291.**Date:** 4 October 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = *Desmodium hartwegianum* var. *amans* Schubert.**References:** Proc. Amer. Acad. 26:135. 1891.

**Desmodium guadalajaranum S. Watson****Type Status: Isotype****Accession No:** 424200**Bar Code:** 362806**Proofed:** none.**Location:** Jalisco, Mexico. Near Guadalajara.**Habitat:** Dry hillsides.**Collector:** C.G. Pringle #3875.**Date:** 30 September 1891.**Miscellaneous:** 3-6 feet high. *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** none.**References:** *Proc. Amer. Acad.* 25:147. 1890.**Desmodium jaliscanum var. obtusum B.L. Rob.****Type Status: Isotype****Accession No:** 424198**Bar Code:** 362814**Proofed:** none.**Location:** San Luis Potosi, Mexico. Tamasopo Canyon.**Habitat:** Rocky slopes.**Collector:** C.G. Pringle #3290.**Date:** 3 October 1890.**Miscellaneous:** 5-10 feet. *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** *Proc. Amer. Acad.* 26:164. 1891.**Desmodium spirale var. transversum Rob. & Greenm.****Type Status: Isotype****Accession No:** 424212**Bar Code:** 362822**Proofed:** none.**Location:** Jalisco, Mexico. Hillsides near Guadalajara.**Habitat:** none.**Collector:** C.G. Pringle #4522.**Date:** 6 September 1893.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = *Desmodium procumbens* var. *transversum* Schubert.**References:** *Proc. Amer. Acad.* 29:384. 1894.**Desmodium subspicatum S. Watson****Type Status: Isotype****Accession No:** 424216**Bar Code:** 362830**Proofed:** none.**Location:** San Luis Potosi, Mexico. Las Canoas.**Habitat:** Grassy hillsides.**Collector:** C.G. Pringle #3211.**Date:** 16 July 1890.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** *Proc. Amer. Acad.* 26:135. 1894.

**Eriosema multiflorum Robinson****Type Status: Isotype****Accession No:** 424238**Bar Code:** 367680**Proofed:** none.**Location:** Jalisco, Mexico. Near Tequila.**Habitat:** Rocky hills.**Collector:** C.G. Pringle #4548.**Date:** 7 October 1893.**Miscellaneous:** 2-3 feet. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 29:316. 1894.**Galactia multiflora Robinson****Type Status: Isotype****Accession No:** 424235**Bar Code:** 368134**Proofed:** none.**Location:** Jalisco, Mexico. Rocky hills about Tequila.**Habitat:** Rocky hills.**Collector:** C.G. Pringle #4433.**Date:** 1 July, 24 September 1893..**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 29:315. 1894.**Kuhnistera pulcherrima A. Heller****Type Status: Isotype****Accession No:** 405798**Bar Code:** 371989**Proofed:** none.**Location:** Kerr County, Texas, USA. About Kerrville.**Habitat:** Elev. 1600-2000 feet.**Collector:** A. Arthur Heller #1857.**Date:** 12-19 June 1894.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** nom. nov. for *Petalostemon virgatum* Scheele non Nees.**References:** Contr. Herb. Franklin Marshall College 1:50. 1895.**Lathyrus grimesii Barneby****Type Status: Isotype****Accession No:** 445854**Bar Code:** 372011**Proofed:** none.**Location:** Elko County, Nevada, USA. Independence Mountains, west-facing slopes south of Jack Creek-North Fork Summit, 32 km (20 mi) airline distance south (185°) of Mountain City. TRS: T42N R53E Sec10.**Habitat:** Most common on a barren, gravelly slope. 7800 ft. 2380 m.**Collector:** Noel H. Holmgren #9902. With Patricia K. Holmgren, Rupert C. Barneby.**Date:** 24 June 1981.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** In: Cronquist et al. Intermountain Flora 3, part B:208. 1989.

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<b>Lathyrus hitchcockianus Barneby &amp; Reveal</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 250221	<b>Bar Code:</b> 372029	<b>Proofed:</b> none.
<b>Location:</b> Nye County, Nevada, USA. Amargosa drainage basin. Cent. Bullfrog Hills, 0.5 mi up rd toward Sawtooth Mtn from Bullfrog-Gold Bar Rd, at base of volcanic point. TRS: T12S R46E Sec6.		
<b>Habitat:</b> Common in wash. Grayia-Lycium vegetation type. 4600 ft.		
<b>Collector:</b> J.L. Reveal #2202.		
<b>Date:</b> 4 May 1970.		
<b>Miscellaneous:</b> Flora of the US Atomic Energy Commission's Nevada Test Site and Vicinity. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Aliso 7:362. 1971.		
<b>Lathyrus zionis C.L. Hitchcock</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 79639	<b>Bar Code:</b> 372045	<b>Proofed:</b> none.
<b>Location:</b> Washington County, Utah, USA. 10 miles E of Zion National Park entrance.		
<b>Habitat:</b> Plants growing under sagebrush, in area where sagebrush predominates, although scrub oaks, pinyon and juniper scattered over area.		
<b>Collector:</b> C.L. Hitchcock #19013.		
<b>Date:</b> 30 May 1949.		
<b>Miscellaneous:</b> Leaflets rather fleshy, glaucous; all plts w/ tendrils & clambering, from long rootstocks; banner pinkish-orchid, fairly deep in color; wings more nearly orchid; keel lighter, all fading to bluish violet; remarkable for much reflexed banner, short claws.. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Univ. Wash. Publ. Biol. 15:36. 1952.		
<b>Lotus howardii M.E. Jones</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 405815	<b>Bar Code:</b> 425934	<b>Proofed:</b> none.
<b>Location:</b> Chihuahua, Mexico. Mound Valley, Sierra Madre Mts.		
<b>Habitat:</b> none. 7000 ft.		
<b>Collector:</b> Marcus E. Jones #sn.		
<b>Date:</b> 18 September 1903.		
<b>Miscellaneous:</b> none. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Ined. (Name not in Gray Card Index or Index Kewensis.)		

**Lotus madrensis M.E. Jones****Type Status: ?****Accession No:** 405814**Bar Code:** 373878**Proofed:** none.**Location:** Chihuahua, Mexico. Chuichupa, Sierra Madre Mts.**Habitat:** none. 7000 ft.**Collector:** Marcus E. Jones #sn.**Date:** 26 September 1903.**Miscellaneous:** Originally identified as *Lotus palustris* Jones. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Contr. W. Bot. 12:9. 1908.**Lupinus alpinus A. Heller****Type Status: Isotype****Accession No:** 142486**Bar Code:** 373886**Proofed:** none.**Location:** Washoe County, Nevada, USA. Mt. Rose.**Habitat:** none. 9650 ft.**Collector:** A.A. Heller #9914a.**Date:** 29 July 1909.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** *Lupinus lepidus* Dougl. ssp. *lyallii* (Gray), det. L.E. Detling 1949.**References:** Muhlenbergia 6:22. 1910.**Lupinus bartolomei M.E. Jones****Type Status: Isotype****Accession No:** 405808**Bar Code:** 373894**Proofed:** none.**Location:** , Mexico. San Bartolo.**Habitat:** none.**Collector:** Marcus E. Jones #24163.**Date:** 27 February 1928.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** *Lupinus arizonicus* (Wat.) Wats. ssp. *lagunensis* (Jones) Christian & Dunn, det. J.A. Christian 1966. / As det., Colin M. Wainwright 1977.**References:** Contr. W. Bot. 15:142. 1929.**Lupinus crassus Payson****Type Status: Isotype****Accession No:** 25299**Bar Code:** 373910**Proofed:** none.**Location:** Montrose County, Colorado, USA. Naturita.**Habitat:** Dry hillside. 5500 ft.**Collector:** Edwin Payson #239.**Date:** 21 April 1914.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Bot. Gaz. 60:376. 1915.

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<b>Lupinus ermineus S. Watson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 424220	<b>Bar Code:</b> 373928	<b>Proofed:</b> none.
<b>Location:</b> Zacatecas, Mexico. Near Zacatecas.		
<b>Habitat:</b> Gravelly banks of streams.		
<b>Collector:</b> C.G. Pringle #1762.		
<b>Date:</b> 26 October 1888.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 25:146. 1890.		
<b>Lupinus excubitus M.E. Jones</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 405818	<b>Bar Code:</b> 373936	<b>Proofed:</b> none.
<b>Location:</b> California, USA. Lone Pine.		
<b>Habitat:</b> none. 7000 ft.		
<b>Collector:</b> Marcus E. Jones #sn.		
<b>Date:</b> 14 May 1897.		
<b>Miscellaneous:</b> none. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Contr. W. Bot. 8:26. 1898.		
<b>Lupinus hesperius A. Heller</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 142465	<b>Bar Code:</b> 373944	<b>Proofed:</b> none.
<b>Location:</b> Inyo County, California, USA. Foothills west of Bishop.		
<b>Habitat:</b> none.		
<b>Collector:</b> A.A. Heller #8359.		
<b>Date:</b> 31 May 1906.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Muhlenbergia 2:212. 1906.		
<b>Lupinus humifusus Benth. var. parcevillosus C.P. Smith</b>		<b>Type Status: Holotype?</b>
<b>Accession No:</b> 421583	<b>Bar Code:</b> 738575	<b>Proofed:</b> none.
<b>Location:</b> Tungurahua, Ecuador. Near Paramo of Minza Chica.		
<b>Habitat:</b> Temperate forest. 3700 m.		
<b>Collector:</b> C. William Penland #353. With Robert H. Summers.		
<b>Date:</b> 7 April 1939.		
<b>Miscellaneous:</b> Gift from Colorado College 1984. 8-10 inches tall; flowers pale blue. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> ined.		

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<b>Lupinus inyoensis A. Heller</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 142495	<b>Bar Code:</b> 373969	<b>Proofed:</b> none.
<b>Location:</b> Inyo County, California, USA. Foothills west of Bishop.		
<b>Habitat:</b> none.		
<b>Collector:</b> A.A. Heller #8312.		
<b>Date:</b> 23 May 1906.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> <i>Lupinus caudatus</i> Kell. var. <i>inyoensis</i> (Hell.) L. Phillips, det. L.L. Phillips 1951.		
<b>References:</b> <i>Muhlenbergia</i> 2:211. 1906.		
<b>Lupinus lacus-payetti C.P. Smith</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 405807	<b>Bar Code:</b> 373977	<b>Proofed:</b> none.
<b>Location:</b> Idaho, USA. Payette Lake.		
<b>Habitat:</b> none. 5000 ft.		
<b>Collector:</b> Marcus E. Jones #6251.		
<b>Date:</b> 26 July 1899.		
<b>Miscellaneous:</b> Originally not identified. Repr. Status: Flr & Frt.		
<b>Annotations:</b> <i>Lupinus pulcherrimus</i> Rydb., det. Charles Piper Smith 1925. / <i>Lupinus lacus-payetti</i> C.P. Smith, Isotype, det. D.B. Dunn 1954. / <i>Lupinus arbustus</i> Dougl. in Lindl. ssp. <i>pseudoparviflorus</i> (Rydb.) Dunn, det. D.B. Dunn 1955.		
<b>References:</b> <i>Sp. Lupinorum</i> 574. 1946.		
<b>Lupinus magnificus M.E. Jones</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 405810	<b>Bar Code:</b> 373985	<b>Proofed:</b> none.
<b>Location:</b> California, USA. Pleasant Canyon, Panamint Mts.		
<b>Habitat:</b> none. 5500 ft.		
<b>Collector:</b> Marcus E. Jones #sn.		
<b>Date:</b> 6 May 1897.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> <i>Contr. W. Bot.</i> 8:26. 1898.		
<b>Lupinus magnificus var. glarecola Jones</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 405809	<b>Bar Code:</b> 373993	<b>Proofed:</b> none.
<b>Location:</b> California, USA. Lone Pine.		
<b>Habitat:</b> none. 6000 ft.		
<b>Collector:</b> Marcus E. Jones #sn.		
<b>Date:</b> 14 May 1897.		
<b>Miscellaneous:</b> none. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> <i>Contr. W. Bot.</i> 8:26. 1898.		

**Lupinus magniflorus C.P. Smith****Type Status: Isotype****Accession No:** 421580**Bar Code:** 374009**Proofed:** none.**Location:** Tungurahua, Ecuador. Paramo of Minza Grande.**Habitat:** Paramo. 3800 m.**Collector:** C. William Penland #367. With Robert H. Summers.**Date:** 8 April 1939.**Miscellaneous:** Robust shrub up to 2.5 m; fls rather evenly lilac-blue; center of banner distinctly reddish violet; tip of keel dark purple. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Sp. Lupinorum 161. 1940.**Lupinus montigenus A. Heller****Type Status: Isotype****Accession No:** 142466**Bar Code:** 374017**Proofed:** none.**Location:** Washoe County, Nevada, USA. Mt. Rose.**Habitat:** none. 10000 ft.**Collector:** A.A. Heller #9880.**Date:** 29 July 1909.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Muhlenbergia 6:109. 1910.**Lupinus nevadensis****Type Status: Isotype****Accession No:** 142467**Bar Code:** 374025**Proofed:** none.**Location:** Washoe County, Nevada, USA. Truekee Pass.**Habitat:** none. 4400 ft.**Collector:** A.A. Heller #9588.**Date:** 1 May 1909.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Muhlenbergia 6:107. 1910.**Lupinus ostiofluminis C.P. Smith****Type Status: ?****Accession No:** 15797**Bar Code:** 374033**Proofed:** none.**Location:** Lincoln County, Washington, USA. South side of Spokane River at its mouth.**Habitat:** Base of hill, level. 1290 ft.**Collector:** H.T. Rogers #390.**Date:** 5 May 1940.**Miscellaneous:** Flowers light blue. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Sp. Lupinorum 239. 1940.



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<b>Lupinus pasachoensis C.P. Smith</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 421584	<b>Bar Code:</b> 374041	<b>Proofed:</b> none.
<b>Location:</b> Pichincha, Ecuador. Slope of Pasachoa.		
<b>Habitat:</b> none. 3600 m.		
<b>Collector:</b> C. William Penland #967. With Robert H. Summers.		
<b>Date:</b> 27 June 1939.		
<b>Miscellaneous:</b> About 0.5 m; lvs somewhat folded, olive green above, whitish beneath; fls violet; banner at first with white central section, this changing to lilac-purple and violet successively; keel tip dark purple. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Sp. Lupinorum 234. 1940.		
<b>Lupinus penlandianus C.P. Smith</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 421585	<b>Bar Code:</b> 374058	<b>Proofed:</b> none.
<b>Location:</b> Imbabura, Ecuador. Slope of Cotacachi Peak.		
<b>Habitat:</b> none. 4200 m.		
<b>Collector:</b> C. William Penland #800. With Robert H. Summers.		
<b>Date:</b> 31 May 1939.		
<b>Miscellaneous:</b> Woody at base 0.5-0.6 m high; fl dull green, almost glabrous above, white below w/ contorted hairs; keel tip purple, otherwise white except for purplish veins; wings bluish violet; banner w/ third of central section white or suffused w/ lilac. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Sp. Lupinorum 232. 1940.		
<b>Lupinus shastensis A. Heller</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 142468	<b>Bar Code:</b> 374066	<b>Proofed:</b> none.
<b>Location:</b> Siskiyou County, California, USA. Near Shasta Springs.		
<b>Habitat:</b> none.		
<b>Collector:</b> A.A. Heller #8024.		
<b>Date:</b> 13 June 1905.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> Lupinus albicaulis Dougl. var. shastensis (Heller), det. Charles Piper Smith, no date.		
<b>References:</b> Muhlenbergia 2:67. 1905.		

**Lupinus summersianus C.P. Smith****Type Status: Isotype****Accession No:** 421586**Bar Code:** 374074**Proofed:** none.**Location:** Tungurahua, Ecuador. Rio Ulva: below Baños.**Habitat:** none. 1700 m.**Collector:** C. William Penland #24. With Robert H. Summers.**Date:** 10 March 1939.**Miscellaneous:** Standard at first yellow or brownish-orange in center, later becoming dark purple; said to bloom year-round; usually 1 m high, distinctly woody below. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Sp. Lupinorum 230. 1940.**Lupinus violaceus A. Heller****Type Status: Isotype****Accession No:** 142446**Bar Code:** 374082**Proofed:** none.**Location:** Siskiyou County, California, USA. Near Sissom.**Habitat:** none.**Collector:** A.A. Heller #8037.**Date:** 15 June 1905.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** Lupinus onustus Wats., det. C.P. Smith, no date.**References:** Muhlenbergia 2:65. 1905.**Mimosa caerulea Rose****Type Status: Isotype****Accession No:** 424294**Bar Code:** 378265**Proofed:** none.**Location:** Morelos, Mexico. Foothills above Cuernavaca.**Habitat:** none. 6000 ft.**Collector:** C.G. Pringle #6200.**Date:** 18 November 1895.**Miscellaneous:** 2-3 feet. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** none.**References:** Contr. U.S. Nat. Herb. 5:141. 1897.**Mimosa lacerans Rose****Type Status: Isotype****Accession No:** 424298**Bar Code:** 378273**Proofed:** none.**Location:** Puebla, Mexico. Limestone hills between Tehuacan and Esperanza.**Habitat:** Limestone hills. 6000 ft.**Collector:** C.G. Pringle #6247.**Date:** 23 December 1895.**Miscellaneous:** 5-8 feet. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** = Mimosa galetottii Bernh.**References:** Proc. Amer. Acad. 33:323. 1898.

**Mimosa lagunensis M.E. Jones****Type Status: ?****Accession No:** 405797**Bar Code:** 378281**Proofed:** none.**Location:** Baja California, Mexico. The Laguna, Laguna Mountains.**Habitat:** none.**Collector:** Marcus E. Jones #sn.**Date:** 22 September 1930.**Miscellaneous:** none. Repr. Status: Frt.**Annotations:** none.**References:** Contr. W. Bot. 18:39. 1933.**Mimosa pringlei S. Watson****Type Status: Isotype****Accession No:** 424283**Bar Code:** 378299**Proofed:** none.**Location:** Chihuahua, Mexico. Rocky hills near Chihuahua.**Habitat:** Cool slopes, rocky hills.**Collector:** C.G. Pringle #724.**Date:** 30 August 1886.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = Mimosopsis pringlei Britt. & Rose.**References:** Proc. Amer. Acad. 21:452. 1886.**Nissolia confertiflora var. laxior B.L. Robinson****Type Status: Isotype****Accession No:** 424281**Bar Code:** 385674**Proofed:** none.**Location:** Jalisco, Mexico. Barranca of Beltran.**Habitat:** none.**Collector:** C.G. Pringle #4379.**Date:** 5 June 1893.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 29:315. 1894.**Oxytropis deflexa var. pulcherrima Welsh & Huber****Type Status: Isotype****Accession No:** 458208**Bar Code:** 391326**Proofed:** none.**Location:** Duchesne County, Utah, USA. Uinta Mts., head of Log Hollow, 1.8 mi due SW of Stillwater Reservoir. TRS: T2N R7W Sec31 NW/NW.**Habitat:** Gravelly subalpine meadow on limestone. 10800 ft.**Collector:** A. Huber #1673.**Date:** 18 July 1994.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Great Basin Naturalist 55:277. 1995.

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<b>Parosela minutiflora Rose</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 148794	<b>Bar Code:</b> 392654	<b>Proofed:</b> none.
<b>Location:</b> Morelos, Mexico. Yautepec.		
<b>Habitat:</b> Calcarious hills. 4000 ft.		
<b>Collector:</b> C.G. Pringle #8721.		
<b>Date:</b> 8 November 1902.		
<b>Miscellaneous:</b> Plantae Mexicanae.		
<b>Annotations:</b> none.		
<b>References:</b> Contr. U.S. Natl. Herb. 8:306. 1905.		
<b>Parosela porteri A. Nelson</b>		<b>Type Status: Cotype</b>
<b>Accession No:</b> 507752	<b>Bar Code:</b> 392662	<b>Proofed:</b> none.
<b>Location:</b> Huerfano County, Colorado, USA. Berwind.		
<b>Habitat:</b> none.		
<b>Collector:</b> Jennie M. Archibald #a244.		
<b>Date:</b> 1900.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Bot. Gaz. 31:395. 1901.		
<b>Petalostemon pubescens A. Nelson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 32825	<b>Bar Code:</b> 397653	<b>Proofed:</b> none.
<b>Location:</b> Colorado, USA. Berwind.		
<b>Habitat:</b> none.		
<b>Collector:</b> Jennie M. Archibald #A247.		
<b>Date:</b> 1900.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Bot. Gaz. 31:395. 1901.		
<b>Phaseolus prorifirus M.E. Jones</b>		<b>Type Status: Isotype?</b>
<b>Accession No:</b> 405802	<b>Bar Code:</b> 405290	<b>Proofed:</b> none.
<b>Location:</b> Chihuahua, Mexico. Sierra Madre Mts., Guayanopa Canyon.		
<b>Habitat:</b> none. 3600 ft.		
<b>Collector:</b> Marcus E. Jones #sn.		
<b>Date:</b> 24 September 1903.		
<b>Miscellaneous:</b> Originally identified as Phaleolus esoatus Jones. Repr. Status: Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Contr. W. Bot. 12:14. 1908.		

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<b>Phaseolus ritensis M.E. Jones</b>		<b>Type Status: Isotype?</b>
<b>Accession No:</b> 405799	<b>Bar Code:</b> 405308	<b>Proofed:</b> none.
<b>Location:</b> Arizona, USA. Santa Rita Mts.		
<b>Habitat:</b> none. 4500 ft.		
<b>Collector:</b> Marcus E. Jones #sn.		
<b>Date:</b> 24 August 1903.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Contr. W. Bot. 12:14. 1908.		
<b>Phyllocarpus septentrionalis Donn. Sm.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 507760	<b>Bar Code:</b> 405381	<b>Proofed:</b> none.
<b>Location:</b> , Guatemala. Gualan.		
<b>Habitat:</b> none.		
<b>Collector:</b> E. Morris #sn. With W.P. Cockerell.		
<b>Date:</b> none.		
<b>Miscellaneous:</b> New tree, discovered by Mrs. Cockerell at Gualan. When found, it was in flower. Leaves and pods were later collected by Mr. E. Morris. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Bot. Gaz. 55:433. 1913.		
<b>Psoralea aromatica Payson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 25918	<b>Bar Code:</b> 406041	<b>Proofed:</b> none.
<b>Location:</b> Colorado, USA. Bedrock.		
<b>Habitat:</b> Dry hillside. 5000 ft.		
<b>Collector:</b> Edwin Payson #451.		
<b>Date:</b> 17 June 1914.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Bot. Gaz. 60:379. 1915.		
<b>Ramirezella pringlei Rose</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 149331	<b>Bar Code:</b> 406140	<b>Proofed:</b> none.
<b>Location:</b> Guerrero, Mexico. Iguala Canyon.		
<b>Habitat:</b> none. 2500 ft.		
<b>Collector:</b> C.G. Pringle #13822.		
<b>Date:</b> 2 October 1906.		
<b>Miscellaneous:</b> 6m. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Contr. U.S. Natl. Herb. 12:274. 1909.		

**Sophora gypsophila B. L. Turner & A. M. Powell** **Type Status: Isotype****Accession No:** 313131 **Bar Code:** 407239 **Proofed:** none.**Location:** Chihuahua, Mexico. 8.8 miles East of Railroad, Highway 16.**Habitat:** Large gyp flat of road.**Collector:** A.M. Powell #2072. With B.L. Turner, R.E. Magill.**Date:** 7 April 1971.**Miscellaneous:** Flowers purple. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Phytologia 22: 419. 1972.**Tephrosia macrantha B. L. Rob. & Greenm.** **Type Status: Isotype****Accession No:** 424189 **Bar Code:** 408328 **Proofed:** none.**Location:** Jalisco, Mexico. Hills, Tequila.**Habitat:** none.**Collector:** C.G. Pringle #4554.**Date:** 5 October 1893.**Miscellaneous:** 10-12 feet. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = Cracca macrantha Rose.**References:** Proc. Amer. Acad. 29: 383. 1894.**Tephrosia viridis M. E. Jones** **Type Status: Isotype****Accession No:** 405800 **Bar Code:** 408336 **Proofed:** none.**Location:** Chihuahua, Mexico. Guayanopa Canyon, Sierra Madre Mts.**Habitat:** none. 3600 ft.**Collector:** Marcus E. Jones #sn.**Date:** 24 September 1903.**Miscellaneous:** none. Repr. Status: Frt.**Annotations:** Isotype of Tephrosia viridis M. E. Jones; = Tephrosia leiocarpa A. Gray, det. Carroll E. Wood, Jr. 1948.**References:** Contr. W. Bot. 12: 7. 1908.**Family: Fagaceae****Quercus floridana Shuttleworth ex A. DC.** **Type Status: ?****Accession No:** 95295 **Bar Code:** 406074 **Proofed:** none.**Location:** Florida, USA. Prope Tallahassee.**Habitat:** none.**Collector:** Rugel #sn.**Date:** April & August 1843..**Miscellaneous:** Flor. April, c. fol. August. Repr. Status: Flr.**Annotations:** = Quercus obtusiloba.**References:** Prodr. xvi. ii. 22. 1864.

**Quercus grandidentata Ewan****Type Status: Isotype****Accession No:** 48741**Bar Code:** 406082**Proofed:** none.**Location:** Los Angeles County, California, USA. 2 mi. above A.T. & S.F. tracks at mouth of Sawpit Canyon (i.e. Monrovia C.), San Gabriel Mts.**Habitat:** Tall chaparral of piedmont mesa. 750 ft.**Collector:** Joseph Andorfer Ewan #8487.**Date:** 27 December 1934.**Miscellaneous:** none. Repr. Status: Veg.**Annotations:** none.**References:** Bull. Torrey Bot. Club 64:512. 1937.**Quercus havardii var. tuckeri S.L. Welsh****Type Status: Isotype****Accession No:** 427605**Bar Code:** 406090**Proofed:** none.**Location:** San Juan County, Utah, USA. Low Pass, ca 8 mi SE of Moab. TRS: T27S R23E Sec5.**Habitat:** Mixed desert shrub, on Entrada Sandstone. 5360 ft.**Collector:** S.L. Welsh #23630. With L.C. Higgins.**Date:** 10 July 1985.**Miscellaneous:** none. Repr. Status: Frt.**Annotations:** none.**References:** Great Basin Naturalist 46:109. 1986.**Quercus praineana Trel.****Type Status: Isotype****Accession No:** 149398**Bar Code:** 406108**Proofed:** none.**Location:** Jalisco, Mexico. Mountains above Etzatlan.**Habitat:** Dry slopes of mountains. 6000 ft.**Collector:** C.G. Pringle #8854.**Date:** 29 October 1904.**Miscellaneous:** A small tree. Originally identified as Quercus. Plantae Mexicanae. Repr. Status: Frt.**Annotations:** none.**References:** Mem. Natl. Acad. Sci. 20:138. 1924.**Quercus pringle Seemen in Engl****Type Status: Isotype****Accession No:** 507764**Bar Code:** 406116**Proofed:** none.**Location:** Coahuila, Mexico. Carneros Pass.**Habitat:** Limestone hills.**Collector:** C.G. Pringle #2382.**Date:** 1 September 1889.**Miscellaneous:** Originally identified as Quercus. (N. sp. near Q. pungens?). Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** none.**References:** Bot. Jahrb. Syst. 29:96. 1900.

**Quercus rysophylla** Weatherby**Type Status:** ?**Accession No:** 148743**Bar Code:** 406124**Proofed:** none.**Location:** Nuevo Leon, Mexico. Sierra Madre above Monterrey.**Habitat:** none. 3000 ft.**Collector:** C.G. Pringle #10379.**Date:** 10 July 1907.**Miscellaneous:** 25 to 40 ft. = 10225 and 10226. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 45:423. 1910.**Quercus subtriloba** Trel.**Type Status:** Isotype**Accession No:** 149773**Bar Code:** 406132**Proofed:** none.**Location:** Hidalgo, Mexico. Cuyamaloya Station.**Habitat:** Volcanic mesa under pines. 7500 ft.**Collector:** C.G. Pringle #10303.**Date:** 12 September 1906.**Miscellaneous:** Originally identified as *Quercus*. 1-2 ft. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** *Quercus subtriloba* Trel., Isotype, det. C.H. Muller 1971.**References:** Mem. Natl. Acad. Sci. 20:81. 1924.**Family: Flacourtiaceae****Xylosma pringlei** B. L. Robinson**Type Status:** Isotype**Accession No:** 424588**Bar Code:** 412981**Proofed:** none.**Location:** San Luis Potosi, Mexico. Hills, Las Canoas.**Habitat:** none.**Collector:** C.G. Pringle #3727.**Date:** 19 June, 18 July 1891.**Miscellaneous:** 3-10 feet high. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 26: 164. 1891; 27: 166. 1892.



Family: Fouquieriaceae
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**Fouquieria splendens ssp. breviflora** Henrickson **Type Status: Isotype**

**Accession No:** 405804      **Bar Code:** 368076      **Proofed:** none.

**Location:** Hidalgo, Mexico. 23 km N of Ixmiquilpan near K 182 along Hy 85, 2 km N of Rio Tula.

**Habitat:** Open desert scrub with Opuntia, Bursera, Karwinskia, Agave, Myrtillocactus, etc. 5300 ft.

**Collector:** James Henrickson #2079.

**Date:** 29 January 1966.

**Miscellaneous:** Originally identified as Fouquieria. Trees to 23 ft., with Ocotillo habit, pendant branch tips & infls; petals orange-red. Pop. Coll. Repr. Status: Flr.

**Annotations:** Fouquieria splendens Engelm. in Wislitz. ssp. breviflora Henrickson, Isotype, det. J. Henrickson 1971.

**References:** Aliso 7:519. 1972.

Family: Gentianaceae
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**Centaurium namophilum** Reveal, Broome & Beatley **Type Status: Isotype**

**Accession No:** 269226      **Bar Code:** 359828      **Proofed:** none.

**Location:** Nye County, Nevada, USA. Amargosa drainage basin. "Collins Ranch", 0.6 mi so. of Devil's Hole, Ash Meadows Rd., no. Ash Meadows. TRS: T18S R50E Sec1 SW¼.

**Habitat:** Common, moist soils near spring. Vegetation type Fraxinus-Prosopis. 2300 ft.

**Collector:** J. Beatley #13447. With J.L. Reveal.

**Date:** 25 July 1972.

**Miscellaneous:** Flora of the U.S. Atomic Energy Commission's Nevada Test Site and Vicinity. This binomial not in Gray Index. Repr. Status: Flr.

**Annotations:** none.

**References:** ?

**Centaurium pusillum** Eastw. **Type Status: ?**

**Accession No:** 149463      **Bar Code:** 356725      **Proofed:** none.

**Location:** Michoacan, Mexico. Morelia.

**Habitat:** Semi-nude soil. 6500 ft.

**Collector:** C.G. Pringle #10408.

**Date:** 29 November 1907.

**Miscellaneous:** Plantae Mexicanae. Repr. Status: Flr.

**Annotations:** none.

**References:** Proc. Amer. Acad. 44:605. 1909.

**Erythraea pringleana** Wittr.**Type Status:** Isotype**Accession No:** 424565**Bar Code:** 367730**Proofed:** none.**Location:** Jalisco, Mexico. Plains of Guadalajara.**Habitat:** none.**Collector:** C.G. Pringle #2595.**Date:** November 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = Centaurium pringleanum Robinson.**References:** Bot. Gaz. 16:85. 1891.**Erythraea retusa** Rob. & Greenm.**Type Status:** Isotype**Accession No:** 424570**Bar Code:** 367748**Proofed:** none.**Location:** Oaxaca, Mexico. Sierra de San Felipe.**Habitat:** Springy meadows. 7500 ft.**Collector:** C.G. Pringle #6300.**Date:** 11 December 1895.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = Centaurium robustum Robinson.**References:** Proc. Amer. Acad. 32:38. 1896.**Eustoma andrewsii forma flaviflora** Cockerell**Type Status:** ?**Accession No:** 55138**Bar Code:** 367961**Proofed:** none.**Location:** Colorado, USA. Near Denver.**Habitat:** none. 5000 ft.**Collector:** Mrs. S.B. Walker #sn.**Date:** July 1914..**Miscellaneous:** Originally identified as *Eustoma andrewsii* A. Nels. Note on label: Yellow flowers are type of f. *flaviflora* Cockerell. Repr. Status: Flr.**Annotations:** none.**References:** Torrey 24:50. 1924.**Frasera pahutensis** Reveal**Type Status:** Isotype**Accession No:** 269215**Bar Code:** 368084**Proofed:** none.**Location:** Nye County, Nevada, USA. So. Kawich Valley drainage basin. Ca 1 mi e. of Pahute Mesa Rd, on Rd 19-01, at headwaters of Lamb's Cyn, so. rim of Pahute Mesa.**Habitat:** Common under trees and encroaching on adjacent burned area. Vegetation type: Artemisia-Pinyon-Juniper. 7300 ft.**Collector:** J. Beatley #sn. With J.L. Reveal.**Date:** 4 June 1970.**Miscellaneous:** Flora of the US Atomic Energy Commission's Nevada Test Site and Vicinity. Repr. Status: Flr.**Annotations:** none.**References:** Bull. Torrey Bot. Club 98:107. 1971.

**Frasera speciosa var. scabra****Type Status: Isotype****Accession No:** 405803**Bar Code:** 368092**Proofed:** none.**Location:** Arizona, USA. Pine, S. of Flagstaff.**Habitat:** none.**Collector:** Marcus E. Jones #sn.**Date:** 2 June 1890.**Miscellaneous:** Originally identified as *Frasera speciosa* var. *aspera* Jones. Repr. Status: Flr.**Annotations:** *Frasera speciosa* var. *scabra* Jones. / *Frasera speciosa* Dougl. ex Griseb. in Hook., det. Douglas M. Post 1955.**References:** Zoe 4:277. 1893.**Gentianella tarahumarae G.L. Nesom****Type Status: Isotype****Accession No:** 350429**Bar Code:** 368258**Proofed:** none.**Location:** Chihuahua, Mexico. Mpio. Guachochic. Between Cusarare and Bahichic.**Habitat:** Open slopes of mixed pine and pak forest. 6900 ft.**Collector:** Robert A. Bye #7045.**Date:** 10 October 1974.**Miscellaneous:** Orig. ID *Gentianella amarella*. One of few plants still in flower after frosts. Plant mashed in water and used to wash head and clothes. Ethnobotanical studies of the Tarahumara Indians; Flora of Sierra Madre Occidental, Mexico Repr. Status: Flr.**Annotations:** *Gentianella microcalyx* (Lemmon) J. Gillett, det. W.A. Weber 1986. / *Gentianella tarahumarae* Nesom, Isotype, cited by Nesom 1991.**References:** Phytologia 70:15. 1991.**Halenia crassiuscula Rob. & Sea.****Type Status: Isotype****Accession No:** 422901**Bar Code:** 369660**Proofed:** none.**Location:** Mexico, Mexico. Nevado de Toluca.**Habitat:** Bare alpine summits. 14000 ft.**Collector:** C.G. Pringle #4229.**Date:** 2 September 1892.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 28:113. 1893.**Halenia pringlei Rob. & Sea.****Type Status: Isotype****Accession No:** 422897**Bar Code:** 369678**Proofed:** none.**Location:** Mexico, Mexico. Sierra de las Cruces.**Habitat:** Springy meadows.**Collector:** C.G. Pringle #4209.**Date:** 23 August 1892.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 28:113. 1893.

**Schultesia mexicana S. Watson****Type Status: Isotype****Accession No:** 422925**Bar Code:** 406652**Proofed:** none.**Location:** Jalisco, Mexico. Plains near Guadalajara.**Habitat:** Damp places, plains.**Collector:** C.G. Pringle #2598.**Date:** 19 October 1889.**Miscellaneous:** Originally identified as *Microcala*. *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 26: 144. 1891.**Swertia coloradensis C. M. Rogers****Type Status: Isotype****Accession No:** 56446**Bar Code:** 408252**Proofed:** none.**Location:** Las Animas County, Colorado, USA. Region of the Mesa de Maya. Rocky slope near Carrizo Mt., 9 miles east of Troy, near the Baca County line.**Habitat:** Rocky slope.**Collector:** C.M. Rogers #6110.**Date:** 29 June 1948.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Madroño 10: 108. 1949.**Family: Gesneriaceae****Isoloma jaliscana S. Watson****Type Status: Isotype****Accession No:** 422928**Bar Code:** 371823**Proofed:** none.**Location:** Jalisco, Mexico. Near Guadalajara.**Habitat:** Shady damp walls of gullies, etc.**Collector:** C.G. Pringle #1828.**Date:** November 1888.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 25:159. 1890.**Solenophora tuxtla Denham****Type Status: Holotype****Accession No:** 507877**Bar Code:** 429779**Proofed:** none.**Location:** Vera Cruz, Mexico. Volcan San Martin Tuxtla. "El Paraje" at edge of small stream.**Habitat:** At edge of small stream. 1500 m.**Collector:** J. MacDougall #492.**Date:** 18 February 1962.**Miscellaneous:** Twiggy shrub to 2 m. Ovary reddish. Corolla yellow with maroon pencilings inside lobes. Repr. Status: Flr.**Annotations:** none.**References:** Ined. (Name not in Gray Card Index or Index Kewensis.)

**Family: Grammitidaceae****Adenophorus X carsonii Ranker****Type Status: Isotype****Accession No:** 451278**Bar Code:** 339697**Proofed:** none.**Location:** Hawaii, USA. Island of Hawaii, Puna District, Kahaualea Natural Area Reserve, 5.6 km S of Hwy. 11 at end of S. Glenwood Rd.**Habitat:** Wet forest dominated by *Metrosideros polymorpha*. 700 m.**Collector:** T.A. Ranker #1115.**Date:** 6 June 1990.**Miscellaneous:** Duplicate of Accession No. 451279. Repr. Status: Frt.**Annotations:** none.**References:** Novon 2:408-410. 1992.**Adenophorus X carsonii Ranker****Type Status: Isotype****Accession No:** 451279**Bar Code:** 339689**Proofed:** none.**Location:** Hawaii, USA. Island of Hawaii, Puna District, Kahaualea Natural Area Reserve, 5.6 km S of Hwy. 11 at end of S. Glenwood Rd.**Habitat:** Wet forest dominated by *Metrosideros polymorpha*. 700 m.**Collector:** T.A. Ranker #1115.**Date:** 6 June 1990.**Miscellaneous:** Duplicate of Accession No. 451278. Repr. Status: Frt.**Annotations:** none.**References:** Novon 2:408-410. 1992.**Family: Grossulariaceae****Ribes inerme forma incisum W.A. Weber****Type Status: Holotype****Accession No:** 198096**Bar Code:** 406256**Proofed:** none.**Location:** Boulder County, Colorado, USA. Summit of Sugarloaf Hill, along uppermost switchback, foothills W of Boulder.**Habitat:** none. 8000 ft.**Collector:** W.A. Weber #12916a. With G.N. Jones.**Date:** 18 July 1965.**Miscellaneous:** One bush among many of the normal form. Repr. Status: Frt.**Annotations:** *Ribes inerme forma incisum* W.A. Weber, Holotype, det. Q.P. Sinnott 1983.**References:** Univ. Colorado Stud., Ser. D., Biol. Sci. 23:2. 1966.**Ribes stanfordii Elmer****Type Status: Isotype****Accession No:** 38695**Bar Code:** 406264**Proofed:** none.**Location:** California, USA. Griffins.**Habitat:** none.**Collector:** A.D.E. Elmer #3958.**Date:** July 1902.**Miscellaneous:** none. Repr. Status: Veg.**Annotations:** = *Ribes velutinum* Greene.**References:** Bot. Gaz. 41: 315. 1906.

Family: Haloragidaceae
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**Myriophyllum mexicanum S. Watson****Type Status: Isotype****Accession No:** 422912      **Bar Code:** 381491      **Proofed:** none.**Location:** Chihuahua, Mexico. Canyons of Sierra Madre.**Habitat:** In ponds.**Collector:** C.G. Pringle #2017.**Date:** 6 October 1888.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984.**Annotations:** none.**References:** Proc. Amer. Acad. 23:148. 1890.

Family: Helleboraceae
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**Aconitum bakeri Greene****Type Status: Isotype****Accession No:** 279977      **Bar Code:** 339671      **Proofed:** none.**Location:** Saguache County, Colorado, USA. Marshall Pass.**Habitat:** none. 10000 ft.**Collector:** C.F. Baker #526.**Date:** 19 July 1901.**Miscellaneous:** Det. by Dr. E.L. Greene. Plants of West Central Colorado, Region of the Gunnison Watershed. Repr. Status: Flr.**Annotations:** none.**References:** Plantae Bakerianae 3:5. 1901.**Aquilegia barnebyi Munz****Type Status: Isotype****Accession No:** 56454      **Bar Code:** 342550      **Proofed:** none.**Location:** Rio Blanco County, Colorado, USA. Piceance Creek, 3 mi. below Rio Blanco.**Habitat:** Steep white shale talus and occasional in crevices of cliff above. 6950 ft.**Collector:** H.D. Ripley #9179. With R.C. Barneby.**Date:** 14 June 1948.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Lfl. W. Bot. 5:177-179. 1949.**Aquilegia scopulorum ssp. perplexans Clokey****Type Status: Isotype****Accession No:** 54372      **Bar Code:** 342576      **Proofed:** none.**Location:** Clark County, Nevada, USA. Charleston Peak.**Habitat:** Broken rocky slope above timberline. 3510 m.**Collector:** I.W. Clokey #7094.**Date:** 16 July 1936.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** So. Calif. Acad. Sci. Bull. 37:3. 1938.

**Delphinium amabile ssp. clarianum Ewan****Type Status: ?****Accession No:** 46074**Bar Code:** 361337**Proofed:** none.**Location:** San Bernadino/Riverside County, California, USA. Lost Horse Canyon, Little San Bernadino Mts.**Habitat:** none.**Collector:** Marjorie D. Clary #sn.**Date:** 12 May 1932.**Miscellaneous:** Originally identified as *Delphinium amabile* Tidestrom. Repr. Status: Flr.**Annotations:** *Delphinium amabile* ssp. *clarianum* Ewan, det. J. Ewan 1941.**References:** Univ. Colo. Stud., Ser. D, Phys. Sci. 2:198. 1945.**Delphinium amabile ssp. clarianum Ewan****Type Status: ?****Accession No:** 46075**Bar Code:** 361345**Proofed:** none.**Location:** San Bernadino/Riverside County, California, USA. Lost Horse Canyon, Little San Bernadino Mts.**Habitat:** none.**Collector:** Marjorie D. Clary #sn.**Date:** 12 May 1932.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Univ. Colo. Stud., Ser. D, Phys. Sci. 2:198. 1945.**Delphinium bakeri Ewan****Type Status: ?****Accession No:** 46073**Bar Code:** 361352**Proofed:** none.**Location:** Sonoma County, California, USA. Coleman Valley.**Habitat:** none.**Collector:** Milo S. Baker #9489.**Date:** May 1939.**Miscellaneous:** Originally identified as *Delphinium*. Repr. Status: Flr.**Annotations:** *Delphinium bakeri* Ewan, type.**References:** Bull Torr. Bot. Club 69:144. 1942.**Delphinium barrancae Ewan****Type Status: Isotype****Accession No:** 423845**Bar Code:** 361360**Proofed:** none.**Location:** Jalisco, Mexico. Barranca near Guadalajara.**Habitat:** Cool grassy slopes of barranca.**Collector:** C.G. Pringle #3862.**Date:** 30 September 1891.**Miscellaneous:** Originally identified as *Delphinium azureum* Michx. var. *vimineum* Gray? *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** *Delphinium barrancae* Ewan, det. Joseph Ewan 1943.**References:** Univ. Colo. Studies, Ser. Biol. 2:160. 1945.

**Delphinium bicolor forma mccallae Ewan****Type Status: ?****Accession No:** 46071      **Bar Code:** 361378      **Proofed:** none.**Location:** British Columbia, Canada. Near the town of Lillooet.**Habitat:** Lightly-wooded hillside.**Collector:** W.C. McCalla #2759.**Date:** 27 May 1921.**Miscellaneous:** Originally not identified. Repr. Status: Flr.**Annotations:** *Delphinium bicolor* f. *mccallae* Ewan, type, det. Joseph Ewan 1943.**References:** Univ. Colo. Studies, Ser. D, Phys. Sci. 2:122. 1945.**Delphinium californicum var. interius Eastwood****Type Status: Isotype****Accession No:** 507701      **Bar Code:** 361386      **Proofed:** none.**Location:** San Joaquin County, California, USA. Hospital Cañon.**Habitat:** none.**Collector:** Alice Eastwood #5796. With John Thomas Howell.**Date:** 24 May 1938.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** *Delphinium californicum interius* Eastw., det. Joseph Ewan 1943.**References:** Leaf. W. Bot. 2:137. 1938.**Delphinium caprorum Ewan****Type Status: Isotype****Accession No:** 161531      **Bar Code:** 361394      **Proofed:** none.**Location:** Lewis County, Washington, USA. Goat Rocks, Cascade Mts.**Habitat:** Alpine rock slides. 7000 ft.**Collector:** J. William Thompson #15206.**Date:** 6 August 1940.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Bull. Torr. Bot. Club 69:145. 1942.**Delphinium caprorum Ewan****Type Status: Isotype****Accession No:** 46077      **Bar Code:** 361402      **Proofed:** none.**Location:** Lewis County, Washington, USA. Goat Rocks, Cascade Mts.**Habitat:** Alpine rock slides. 7000 ft.**Collector:** J. William Thompson #15206.**Date:** 6 August 1940.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** *Delphinium glareosum caprorum* (Ewan) Ewan, det. Joseph Ewan 1943. / Type, *Delphinium caprorum* Ewan, det. Joseph Ewan 1943.**References:** Bull. Torr. Bot. Club 69:145. 1942.



Page 169 of 322	COLO Type Specimens	Helleboraceae
<b>Delphinium cyanoreios forma idahoense Ewan</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 46078	<b>Bar Code:</b> 361410	<b>Proofed:</b> none.
<b>Location:</b> Idaho County, Idaho, USA. Summit of White Bird grade, above White Bird.		
<b>Habitat:</b> Moist meadow in yellow pine, Arid Transition Zone. 4421 ft.		
<b>Collector:</b> L. Constance #1938.		
<b>Date:</b> 3 July 1937..		
<b>Miscellaneous:</b> Originally identified as <i>Delphinium cyanoreios</i> Piper. Repr. Status: Flr.		
<b>Annotations:</b> <i>Delphinium cyanoreios</i> Piper forma <i>idahoense</i> Ewan, type, det. Joseph Ewan, 1943.		
<b>References:</b> Univ. Colo. Studies, Ser. D, Phys. Sci. 2:164. 1945.		
<b>Delphinium gracilentum forma versicolor Ewan</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 46076	<b>Bar Code:</b> 361428	<b>Proofed:</b> none.
<b>Location:</b> Tuolumne County, California, USA. Stanislaus National Forest. Just east of Hull's Meadow, road crossing of Lily Creek. TRS: T3N R17E Sec35.		
<b>Habitat:</b> Cutover forest and brush. Only occasional. 5500 ft.		
<b>Collector:</b> C.R. Quick #1439a.		
<b>Date:</b> 12 June 1935.		
<b>Miscellaneous:</b> Originally not identified. Repr. Status: Flr.		
<b>Annotations:</b> <i>Delphinium gracilentum</i> Greene forma <i>versicolor</i> Ewan, det. Joseph Ewan 1943.		
<b>References:</b> Univ. Colo. Studies, Ser. D, Phys. Sci. 2:104. 1945.		
<b>Delphinium hesperium forma pallescens Ewan</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 46064	<b>Bar Code:</b> 361444	<b>Proofed:</b> none.
<b>Location:</b> Napa County, California, USA. Along Steel Canyon Rd. 1/2 mi. from jct. with Monticello-Winters Rd.		
<b>Habitat:</b> Ditch at edge of cultivated field.		
<b>Collector:</b> Joseph Andorfer Ewan #8835.		
<b>Date:</b> 30 April 1934.		
<b>Miscellaneous:</b> Originally identified as <i>Delphinium hesperium</i> Gray. Plants 3-4 ft. high. Repr. Status: Flr & Frt.		
<b>Annotations:</b> <i>Delphinium hesperium</i> Gray forma <i>pallescens</i> Ewan, type, Sheet 2, det. Joseph Ewan 1943.		
<b>References:</b> Univ. Colo. Studies, Ser. D, Phys. Sci. 2:179. 1945.		
<b>Delphinium hesperium forma pallescens Ewan</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 46065	<b>Bar Code:</b> 361436	<b>Proofed:</b> none.
<b>Location:</b> Napa County, California, USA. Along Steel Canyon Rd. 1/2 mi. from jct. with Monticello-Winters Rd.		
<b>Habitat:</b> Ditch at edge of cultivated field.		
<b>Collector:</b> Joseph Andorfer Ewan #8835.		
<b>Date:</b> 30 April 1934.		
<b>Miscellaneous:</b> Originally identified as <i>Delphinium</i> . Plants 3-4 ft. high. Repr. Status: Flr & Frt.		
<b>Annotations:</b> <i>Delphinium hesperium</i> Gray forma <i>pallescens</i> Ewan, type, det. Joseph Ewan 1943.		
<b>References:</b> Univ. Colo. Studies, Ser. D, Phys. Sci. 2:179. 1945.		

**Delphinium hutchinsonae Ewan****Type Status: ?****Accession No:** 60659**Bar Code:** 361451**Proofed:** none.**Location:** Monterey County, California, USA. On beach 2 ½ mi. so. of cemetery.**Habitat:** In sand on the beach. 10 ft.**Collector:** Susan W. Hutchinson #7423.**Date:** 28 May 1938.**Miscellaneous:** Originally identified as *Delphinium variegatum* T. & G. Repr. Status: Flr.**Annotations:** Type, *Delphinium hutchinsonae* Ewan, det. J. Ewan 1950.**References:** Bull. Torr. Bot. Club 78:379. 1951.**Delphinium lineapetalum Ewan****Type Status: ?****Accession No:** 46079**Bar Code:** 362616**Proofed:** none.**Location:** Kittitas County, Washington, USA. 8 mi. north of Liberty on road to Table Mountain.**Habitat:** Under yellow pines.**Collector:** C.L. Hitchcock #3593. With Roland V. Rethke, R. van Raadshooven.**Date:** 12 June 1938.**Miscellaneous:** Originally identified as *Delphinium bicolor* Nutt.; inflorescence glandular. Repr. Status: Flr & Frt.**Annotations:** *Delphinium lineapetalum* Ewan ssp. *lineapetalum*, Type, det. Joseph Ewan 1943.**References:** Univ. Colo. Stud., Ser. D, Phys. Sci. 2:126. 1945.**Delphinium lineapetalum ssp. klickitatense Ewan****Type Status: ?****Accession No:** 46080**Bar Code:** 362624**Proofed:** none.**Location:** Klickitat County, Washington, USA. Top of high hills opposite The Dalles.**Habitat:** none.**Collector:** C.L. Hitchcock #3347. With V.L. Marsh.**Date:** 30 April 1938.**Miscellaneous:** Originally identified as *Delphinium menziesii* DC. Repr. Status: Flr.**Annotations:** *Delphinium lineapetalum* Ewan ssp. *klickitatense* Ewan, Type, det. Joseph Ewan 1943.**References:** Univ. Colo. Stud., Ser. D, Phys. Sci. 2:127. 1945.**Delphinium newtonianum D.M. Moore****Type Status: Cotype****Accession No:** 33655**Bar Code:** 362632**Proofed:** none.**Location:** Pope County, Arkansas, USA. Freeman Springs.**Habitat:** Woods; dim light, S. exposure.**Collector:** D.M. Moore #350091.**Date:** 4 July 1935.**Miscellaneous:** Originally identified as *Delphinium*. Repr. Status: Flr & Frt.**Annotations:** *Delphinium newtonianum* D.M. Moore, det. Joseph Ewan 1943.**References:** *Rhodora* 41:196. 1939.

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<b>Delphinium newtonianum D.M. Moore</b>		<b>Type Status: Paratype</b>
<b>Accession No:</b> 50532	<b>Bar Code:</b> 362640	<b>Proofed:</b> none.
<b>Location:</b> Pope County, Arkansas, USA. Freeman Springs.		
<b>Habitat:</b> Woods; dim light, S. exposure.		
<b>Collector:</b> D.M. Moore #350091.		
<b>Date:</b> 4 July 1935.		
<b>Miscellaneous:</b> none. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Rhodora 41:196. 1939.		
<b>Delphinium patens ssp. hepaticoideum Ewan</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 46067	<b>Bar Code:</b> 362657	<b>Proofed:</b> none.
<b>Location:</b> Los Angeles County, California, USA. Old Wilson Trail, mile below Orchard Camp.		
<b>Habitat:</b> Shaded slope under Pseudotsugas. 3000 ft.		
<b>Collector:</b> J. Ewan #3497.		
<b>Date:</b> 30 May 1929.		
<b>Miscellaneous:</b> Originally identified as <i>Delphinium decorum</i> F. & M. Rich blue color. Repr. Status: Flr & Frt.		
<b>Annotations:</b> <i>Delphinium patens</i> Benth. ssp. <i>hepaticoideum</i> Ewan, Type, det. Joseph Ewan 1943.		
<b>References:</b> Univ. Colo. Stud., Ser. D, Phys. Sci. 2:102. 1945.		
<b>Delphinium ramosum forma sidalceoides Ewan</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 61098	<b>Bar Code:</b> 362665	<b>Proofed:</b> none.
<b>Location:</b> Saguache County, Colorado, USA. Along road to Stone Cellar R.S. and Saguache Park, near junction of main highway, 4 mi. w. of Cochetopa Pass.		
<b>Habitat:</b> Volcanic ash deposits. 9700 ft.		
<b>Collector:</b> W.A. Weber #5798.		
<b>Date:</b> 28 July 1950.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Bull. Torr. Bot. Club 73:376-381. 1951.		
<b>Delphinium ramosum forma sidalceoides Ewan</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 61099	<b>Bar Code:</b> 362681	<b>Proofed:</b> none.
<b>Location:</b> Saguache County, Colorado, USA. Along road to Stone Cellar R.S. and Saguache Park, near junction of main highway, 4 mi. w. of Cochetopa Pass.		
<b>Habitat:</b> Volcanic ash deposits. 9700 ft.		
<b>Collector:</b> W.A. Weber #5798.		
<b>Date:</b> 28 July 1950.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Bull. Torr. Bot. Club 73:376-381. 1951.		

**Delphinium ramosum forma sidalceoides Ewan****Type Status: Isotype****Accession No:** 33200**Bar Code:** 362699**Proofed:** none.**Location:** Saguache County, Colorado, USA. Along road to Stone Cellar R.S. and Saguache Park, near junction of main highway, 4 mi. w. of Cochetopa Pass.**Habitat:** Volcanic ash deposits. 9700 ft.**Collector:** W.A. Weber #5798.**Date:** 28 July 1950.**Miscellaneous:** Originally identified as *Delphinium*. Repr. Status: Flr.**Annotations:** none.**References:** Bull. Torr. Bot. Club 73:376-381. 1951.**Delphinium tenuisectum Greene****Type Status: Isotype****Accession No:** 423846**Bar Code:** 362707**Proofed:** none.**Location:** Chihuahua, Mexico. Plains at the base of the Sierra Madre.**Habitat:** Cool banks of ravines.**Collector:** C.G. Pringle #1184.**Date:** 27 September 1887.**Miscellaneous:** Originally identified as *Delphinium* n. sp.? *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** *Delphinium tenuisectum* Greene, Isotype, det. Joseph Ewan 1943.**References:** *Erythea* 2:184. 1894.**Delphinium umatillense Ewan****Type Status: Holotype****Accession No:** 46069**Bar Code:** 362715**Proofed:** none.**Location:** Morrow County, Oregon, USA. Umatille National Forest. Southern exposure Madison Butte. TRS: T5S R27E.**Habitat:** Rocky soil. Southern exposure. 5000 ft.**Collector:** F.A. Warren #2089.**Date:** 10 August 1937.**Miscellaneous:** Heavy black roots. Seed collected from same locality but in Sept. 1937 (Seeds in packet). (feral plant.) Repr. Status: Flr.**Annotations:** *Delphinium stachydeum* (Gray) Nels. & Macbr.; Holotype of *Delphinium umatillense* Ewan, det. D. Sutherland 1967.**References:** Bull. Torrey Bot. Club 69:149. 1942.

**Delphinium umatillense Ewan****Type Status: Isotype****Accession No:** 46070**Bar Code:** 362723**Proofed:** none.**Location:** Morrow County, Oregon, USA. Umatille National Forest. Southern exposure Madison Butte. TRS: T5S R27E.**Habitat:** Rocky soil. Southern exposure. 5000 ft.**Collector:** F.A. Warren #2089.**Date:** 10 August 1937.**Miscellaneous:** Sheet two. Grown under cultivation, Port Orchard, Washington, June 30, 1938. [Was this specimen cultivated from seed of wild plant?] Repr. Status: Flr & Frt.**Annotations:** *Delphinium stachydeum* (Gray) Nels. & Macbr.; Isotype of *Delphinium umatillense* Ewan, det. D. Sutherland 1967.**References:** Bull. Torrey Bot. Club 69:149. 1942.**Delphinium umatillense Ewan****Type Status: Isotype****Accession No:** 46068**Bar Code:** 362731**Proofed:** none.**Location:** Morrow County, Oregon, USA. Umatille National Forest. Southern exposure Madison Butte. TRS: T5S R27E.**Habitat:** Rocky soil. Southern exposure. 5000 ft.**Collector:** F.A. Warren #2089.**Date:** 10 August 1937.**Miscellaneous:** Garden plant. Repr. Status: Flr.**Annotations:** *Delphinium stachydeum* (Gray) Nels. & Macbr.; Isotype of *Delphinium umatillense* Ewan, det. D. Sutherland 1967.**References:** Bull. Torrey Bot. Club 69:149. 1942.**Delphinium variegatum forma superbum Ewan****Type Status: ?****Accession No:** 46066**Bar Code:** 362749**Proofed:** none.**Location:** San Mateo County, California, USA. Crystal Springs Lake, on open slopes about east side of lake.**Habitat:** Common on rocky ground on open slopes.**Collector:** David D. Keck #2309.**Date:** 11 May 1933.**Miscellaneous:** Originally identified as *Delphinium variegatum* T. & G. Sepals royal purple; petals deep purple, the upper pair creamy white tipped w/ purple; filaments whitish. Repr. Status: Flr & Frt.**Annotations:** *Delphinium variegatum apiculatum* (Greene) forma *superbum*, Type, det. Joseph Ewan 1943.**References:** Univ. Colo. Stud., Ser. D, Phys. Sci. 2:186. 1945.

**Delphinium viridescens Leiberg****Type Status: Isotype****Accession No:** 494066**Bar Code:** 362756**Proofed:** none.**Location:** Washington, USA. Peshastin.**Habitat:** none.**Collector:** J.H. Sandberg #sn. With J.B. Leiberg.**Date:** July 1893.**Miscellaneous:** Originally identified as *Delphinium distichum*. Altitude 1-3000. Repr. Status: Flr & Frt.**Annotations:** *Delphinium viridescens* Leiberg, Isotype, S & L 563, det. W.A. Weber 1993.**References:** Proc. Biol. Soc. Wash. 11:39. 1897.**Family: Hydrangeaceae****Jamesia tetrapetala N. Holmgren & P. Holmgren****Type Status: Isotype****Accession No:** 445855**Bar Code:** 371872**Proofed:** none.**Location:** White Pine County, Nevada, USA. Snake Range, Lincoln Canyon, 5.6 km (3.5 mi) road distance east of Shoshone road, 24 km (15 mi) air distance southwest (229°) of Baker. TRS: T12N R68E Sec22.**Habitat:** Crevice of limestone rock outcrop at edge of canyon bottom with *Holodiscus* and *Petrophytum*. 7100 ft. 2160 m.**Collector:** Noel H. Holmgren #10823. With Patricia K. Holmgren.**Date:** 8 June 1985.**Miscellaneous:** Lone shrub with spreading or descending branches; bark orangish-gray; leaf blades horizontal, green above, pale green beneath; petals and filaments white, the petals pinkish at tips, the anthers pale brown. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 41:348. 1989.**Family: Hydrophyllaceae****Eriodictyon altissimum P.V. Wells****Type Status: Isotype****Accession No:** 405793**Bar Code:** 363416**Proofed:** none.**Location:** San Luis Obispo County, California, USA. Indian Knob, four miles north of Pismoa.**Habitat:** Sandstone ridges.**Collector:** P.V. Wells #75.**Date:** 30 June 1960.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Madroño 16:184. 1962.

**Nama pringlei Rob. & Greenm.****Type Status: Isotype****Accession No:** 422917**Bar Code:** 381509**Proofed:** none.**Location:** Puebla, Mexico. Hills near Tehuacan.**Habitat:** none. 5500 ft.**Collector:** C.G. Pringle #6286.**Date:** 24 December 1895.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = Nama coulteri var. pringlei C.L. Hitchc.**References:** Proc. Amer. Acad. 32:38. 1896.**Nama pueblense Rob. & Green.****Type Status: Isotype****Accession No:** 422918**Bar Code:** 381517**Proofed:** none.**Location:** Puebla, Mexico. Hills near Tehuacan.**Habitat:** none. 5500 ft.**Collector:** C.G. Pringle #6287.**Date:** 24 December 1895.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = Nama dichotomum var. pueblense Macbride.**References:** Proc. Amer. Acad. 32:39. 1896.**Phacelia alvordensis M.E. Jones****Type Status: Isotype****Accession No:** 405816**Bar Code:** 397661**Proofed:** none.**Location:** Oregon, USA. Alvord Ranch.**Habitat:** none.**Collector:** Marcus E. Jones #25566.**Date:** 5 July 1930.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** Phacelia ramosissima var. ramosissima, passing to var. eremophila, det. A.C. [Arthur Cronquist] 1980.**References:** Contr. W. Bot. 17:30. 1930.**Phacelia ammophila Greene****Type Status: Isotype?****Accession No:** 279570**Bar Code:** 402453**Proofed:** none.**Location:** California, USA. Antioch.**Habitat:** none.**Collector:** C.F. Baker #2806.**Date:** 28 April 1903.**Miscellaneous:** ID det. by Greene. Repr. Status: Flr.**Annotations:** none.**References:** Univ. Calif. Publ. Bot. 4:216. 1912.

**Phacelia beatleyae Reveal & Constance****Type Status: Isotype****Accession No:** 269214**Bar Code:** 402461**Proofed:** none.**Location:** Nye County, Nevada, USA. No. Frenchman drainage basin. Canyons of so. face of French Peak Mtn.**Habitat:** Small local populations on loose talus and along washes of canyons of so. face of mtn., restricted to light-brown tuff bedrock areas. Atriplex hymenelytra vegetation type. Elevation 4000-4500 ft.**Collector:** J. Beatley #12358. With J.L. Reveal.**Date:** 29 April 1971.**Miscellaneous:** Flora of the U.S. Atomic Energy Commission's Nevada Test Site and vicinity. Same collection area as nos. 5585, 8243 and 8467. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 24:199. 1972.**Phacelia corymbosa Jepson****Type Status: Isotype****Accession No:** 405812**Bar Code:** 402479**Proofed:** none.**Location:** California, USA. Dunsmuir.**Habitat:** none. 2200 ft.**Collector:** W.L. Jepson #6161.**Date:** 14 August 1914.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** Phacelia corymbosa Jepson, det. L.R. Heckard 1957.**References:** Man. Fl. Pl. Calif. 820. 1925.**Phacelia crenulata var. angustifolia N.D. Atwood****Type Status: Isotype****Accession No:** 457879**Bar Code:** 402487**Proofed:** none.**Location:** Coconino County, Arizona, USA. Small mesas, just north of headquarters of the Wupatki National Monument.**Habitat:** Sandy soil covered with a little volcanic ash.**Collector:** N.D. Atwood #2597.**Date:** 18 May 1970.**Miscellaneous:** Sheet 2 of 2. (Duplicate) Repr. Status: Flr.**Annotations:** none.**References:** Great Basin Naturalist 35:158. 1975.**Phacelia crenulata var. angustifolia N.D. Atwood****Type Status: Isotype****Accession No:** 457879**Bar Code:** 402487**Proofed:** none.**Location:** Coconino County, Arizona, USA. Small mesas, just north of headquarters of the Wupatki National Monument.**Habitat:** Sandy soil covered with a little volcanic ash.**Collector:** N.D. Atwood #2597.**Date:** 18 May 1970.**Miscellaneous:** Sheet 1 of 2 (Duplicate). Repr. Status: Flr.**Annotations:** none.**References:** Great Basin Naturalist 35:158. 1975.



**Phacelia denticulata Osterhout****Type Status: Isotype****Accession No:** 22595      **Bar Code:** 405233      **Proofed:** none.**Location:** Larimer County, Colorado, USA. Near Ingleside.**Habitat:** none.**Collector:** Geo. E. Osterhout #5233.**Date:** 18 June 1915.**Miscellaneous:** Duplicate of this specimen, accession no. 322339, gives location as "The Glades".  
Repr. Status: Flr & Frt.**Annotations:** none.**References:** Torrey 16:70. 1916.**Phacelia denticulata Osterhout****Type Status: Isotype****Accession No:** 322339      **Bar Code:** 409995      **Proofed:** none.**Location:** Larimer County, Colorado, USA. The Glades.**Habitat:** none.**Collector:** Geo. E. Osterhout #5233.**Date:** 18 June 1915.**Miscellaneous:** Duplicate of this specimen, accession no. 22595, gives location as "Near Ingleside".  
Repr. Status: Flr & Frt.**Annotations:** none.**References:** Torrey 16:70. 1916.**Phacelia pinnata var. pseudohispida Dundas****Type Status: Isotype****Accession No:** 405817      **Bar Code:** 405266      **Proofed:** none.**Location:** Grant County, New Mexico, USA. Sawyers Peak, south end of the Black Range.**Habitat:** Grassy S slope. 10000 ft.**Collector:** O.B. Metcalfe #1398.**Date:** 30 September 1904.**Miscellaneous:** Originally identified as *Phacelia urticaceae* Greene, det. by Dr. E.L. Greene. Repr.  
Status: Flr.**Annotations:** *Phacelia pinnata* (R. & P.) Macbride var. *pseudohispida* (Brand), n. comb., det.  
Frederic W. Dundas 1933. / *Phacelia heterophylla* Pursh; a variant, det. L.R.  
Heckard 1957.**References:** Bull. S. Calif. Acad. Sci. 33:167. 1935.**Phacelia rafaelsensis N.D. Atwood****Type Status: Isotype****Accession No:** 251257      **Bar Code:** 405241      **Proofed:** none.**Location:** Wayne County, Utah, USA. Capitol Reef National Monument, red clay hills just  
southeast of visitor center.**Habitat:** Red clay hills.**Collector:** D. Atwood #1834. With L.C. Higgins.**Date:** 12 June 1969.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Rhodora 74:454. 1972.

**Phacelia submutica J.T. Howell****Type Status: Isotype****Accession No:** 321179**Bar Code:** 405258**Proofed:** none.**Location:** Mesa County, Colorado, USA. De Beque.**Habitat:** none.**Collector:** G.E. Osterhout #4458.**Date:** 19 May 1911.**Miscellaneous:** Originally identified as *Emmenanthe scopulina* A. Nels. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Calif. Acad. Sci. ser. 4, 25:370. 1944.**Phacelia welshii N.D. Atwood****Type Status: Isotype****Accession No:** 251258**Bar Code:** 405274**Proofed:** none.**Location:** Coconino County, Arizona, USA. Along highway 89 north of Gray Mountain; also abundant south of town.**Habitat:** On red shale.**Collector:** D. Atwood #2608.**Date:** 19 May 1970.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Rhodora 74:465. 1972.**Family: Icacinaceae****Casimirella guaranitica Hassler****Type Status: Isotype****Accession No:** 83485**Bar Code:** 356592**Proofed:** none.**Location:** , Paraguay. Sierra de Amambay.**Habitat:** In altaplanitie et declivibus.**Collector:** E. Hassler #10633.**Date:** September 1907 or 1908.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Fedde, Rep. Sp. Nov. 12:250. 1913.**Family: Iridaceae****Nemastylis brunnea S. Watson****Type Status: Isotype****Accession No:** 422602**Bar Code:** 385633**Proofed:** none.**Location:** Jalisco, Mexico. Hillsides near Guadalajara.**Habitat:** none.**Collector:** C.G. Pringle #2553.**Date:** 2 July 1889.**Miscellaneous:** Originally identified as *Nemastylis versicolor* Watson. *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 23:162. 1890.

**Nemastylis flava B.L. Robinson****Type Status: Isotype****Accession No:** 422601      **Bar Code:** 385641      **Proofed:** none.**Location:** Jalisco, Mexico. Near Guadalajara.**Habitat:** Gravelly soil.**Collector:** C.G. Pringle #4400.**Date:** 23 June, 21 August 1893.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = *Tigridia flava* (Robinson) Ravenna.**References:** Proc. Amer. Acad. 29:323. 1894.**Nemastylis latifolia Weatherby****Type Status: Isotype****Accession No:** 149421      **Bar Code:** 385658      **Proofed:** none.**Location:** Guerrero, Mexico. Hills near Iguala.**Habitat:** none. 3000 ft.**Collector:** C.G. Pringle #10391.**Date:** 29 July 1907.**Miscellaneous:** Plantae Mexicanae. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 45:423. 1910.**Nemastylis pringlei S. Watson****Type Status: Isotype****Accession No:** 422600      **Bar Code:** 385666      **Proofed:** none.**Location:** Chihuahua, Mexico. Plains near Cusihiuriachic.**Habitat:** Gravelly plains.**Collector:** C.G. Pringle #1378.**Date:** 27 August 1887.**Miscellaneous:** Flowers pale blue, fragrant. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** = *Nemastylis tenuis* ssp. *pringlei* (Wats.) Goldblatt; Brittonia 27:379. 1976.**References:** Proc. Amer. Acad. 24:85. 1889.**Sisyrinchium platyphyllum S. Watson****Type Status: Isotype****Accession No:** 422596      **Bar Code:** 407171      **Proofed:** none.**Location:** Jalisco, Mexico. Barranca near Guadalajara.**Habitat:** Grassy bluffs of barranca.**Collector:** C.G. Pringle #3847.**Date:** 17 September 1891.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** = *Oreolirion platyphyllum* (S. Wats.) Jackson.**References:** Proc. Amer. Acad. 26: 155. 1891.

**Sisyrinchium pringlei B. L. Rob. & Greenm.****Type Status: Isotype****Accession No:** 422595**Bar Code:** 407189**Proofed:** none.**Location:** Jalisco, Mexico. Dry calcareous hills near Guadalajara.**Habitat:** Dry calcareous hills.**Collector:** C.G. Pringle #4520.**Date:** 4 September 1893.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 29: 394. 1894.**Tigridia durangensis Molseed ex Cruden****Type Status: Isotype****Accession No:** 397505**Bar Code:** 410233**Proofed:** none.**Location:** Durango, Mexico. At K 1062 about 2 km. east of El Salto on Highway 40; on Rancho El Consuelo.**Habitat:** In very shallow locally wet llanos, some submerged in water after heavy rains; with Lobelia, Ranunculus, Prunella, etc. 8300 ft.**Collector:** Elwood Molseed #394.**Date:** 25 June, 6 August 1966.**Miscellaneous:** Plts to 6 in. tall or a few to 18 in., just starting to bloom, bulbs to 2-4 (or to 12) in. deep. Flwrs lavender-blue to almost white, mottled all over w/ white or grey; innter tepals w/ long, reflexed limb; glands extending only part way along length.... Repr. Status: Flr & Frt.**Annotations:** none.**References:** Brittonia 20: 314. 1968.**Family: Isoetaceae****Isoetes mexicana Underwood****Type Status: Isotype****Accession No:** 424409**Bar Code:** 371799**Proofed:** none.**Location:** Chihuahua, Mexico. Base of the Sierra Madre.**Habitat:** Wet places, pine plains.**Collector:** C.G. Pringle #1447.**Date:** 6 October 1887.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984.**Annotations:** none.**References:** Bot. Gaz. 13:93. 1888.**Isoetes montezumae A.A. Eaton****Type Status: Isotype****Accession No:** 424408**Bar Code:** 371807**Proofed:** none.**Location:** Mexico, Mexico. Plains near Flor de Maria.**Habitat:** Wet soil, borders of shallow ponds.**Collector:** C.G. Pringle #3459.**Date:** 28 August 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984.**Annotations:** none.**References:** Fern Bull. 3:25. 1897.

**Isoetes pringlei Underwood****Type Status: Isotype****Accession No:** 424407**Bar Code:** 371815**Proofed:** none.**Location:** Jalisco, Mexico. Near Guadalajara.**Habitat:** Grassy springy places.**Collector:** C.G. Pringle #3333.**Date:** 1 November 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984.**Annotations:** none.**References:** Zoe 1:98. 1890.**Family: Juglandaceae****Juglans mexicana S. Watson****Type Status: Isotype****Accession No:** 422910**Bar Code:** 371880**Proofed:** none.**Location:** San Luis Potosi, Mexico. Hills, San Jose Pass.**Habitat:** none.**Collector:** C.G. Pringle #3322.**Date:** 4 October 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Veg.**Annotations:** none.**References:** Proc. Amer. Acad. 26:152. 1891.**Family: Juncaceae****Juncus balticus var. condensatus Suksdorf****Type Status: Isotype****Accession No:** 286490**Bar Code:** 371898**Proofed:** none.**Location:** Klickitat County, Washington, USA. Falcon Valley, near Fulda.**Habitat:** In a wet meadow.**Collector:** Wilhelm Suksdorf #5199.**Date:** 17 July 1905, 1 July 1908.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Werdenda 1:6. 1923.**Juncus duranii Ewan****Type Status: ?****Accession No:** 13437**Bar Code:** 371906**Proofed:** none.**Location:** Los Angeles County, California, USA. San Gabriel Mts. Lilly Springs, N. slope Mt. Hawkins.**Habitat:** Growing in moss of spring seep. Very local with Mimulus moschatus.**Collector:** Joseph Andorfer Ewan #10060. With Nesta Ewan.**Date:** 14 August 1936.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Rhodora 47:186. 1945.

**Juncus interior Wiegand****Type Status: Isotype****Accession No:** 332278      **Bar Code:** 371914      **Proofed:** none.**Location:** Wyoming, USA. Grand Encampment Creek.**Habitat:** none.**Collector:** Aven Nelson #3982.**Date:** 13 August 1897.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Bull. Torrey Bot. Club 27:516. 1900.**Juncus orthophyllus var. congestus Suksdorf****Type Status: Isotype****Accession No:** 393366      **Bar Code:** 371922      **Proofed:** none.**Location:** Klickitat County, Washington, USA. Near Fulda, Falcon Valley.**Habitat:** Wet meadows.**Collector:** Wilhelm N. Suksdorf #6301.**Date:** 19 July 1908.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Werdenda 1:6. 1923.**Juncus weberi****Type Status: ?****Accession No:** 310765      **Bar Code:** 373811      **Proofed:** none.**Location:** Chihuahua, Mexico. Mpio. de Guachochic. Trail to Cascada de Cusarare along Rio Cusarare.**Habitat:** Pine-oak forest, with Pseudotsuga and Cupresses at the falls. 2140 m.**Collector:** Robert Bye #8158. With W.A. Weber.**Date:** 15 October 1977.**Miscellaneous:** Originally identified as *Juncus*. Notes on sheet with measurements, descriptions. Repr. Status: Flr & Frt.**Annotations:** *Juncus weberi*, sp. nov., det. S.M. Siddiqui.**References:** ?**Family: Lamiaceae****Brittonastrum pringlei Briq.****Type Status: Isotype****Accession No:** 423590      **Bar Code:** 352237      **Proofed:** none.**Location:** Chihuahua, Mexico. Portrero Peak.**Habitat:** Cool slopes.**Collector:** C.G. Pringle #789.**Date:** 11 October 1886.**Miscellaneous:** Originally identified as *Cedronella pallida* Lind. *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** *Agastache pringlei* (Briq.) Lint, det. Carl Epling 1941.**References:** Ann. Conserv. Jard. Bot. 6:161. 1902.

**Monarda ramaleyi A. Nelson****Type Status: Isotype****Accession No:** 55145      **Bar Code:** 378356      **Proofed:** none.**Location:** Boulder County, Colorado, USA. Near Boulder.**Habitat:** none.**Collector:** Francis Ramaley #a.92.**Date:** 27 June 1900.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Bot. Gaz. 31:398. 1906.**Monardella lagunensis M.E. Jones****Type Status: Isotype?****Accession No:** 405792      **Bar Code:** 378364      **Proofed:** none.**Location:** Baja California, Mexico. Laguna Mts.**Habitat:** none.**Collector:** Marcus E. Jones #24180.**Date:** 2 March 1928.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Contr. W. Bot. 15:151. 1929.**Monardella lagunensis ssp. mediopeninsularis Moran****Type Status: Isotype****Accession No:** 240320      **Bar Code:** 378372      **Proofed:** none.**Location:** Baja California, Mexico. Summit of Cerro Potrero. 29° 49' N Lat. 114° 37' W Long.**Habitat:** Fairly common among rocks, mostly on north slope. 1400 m.**Collector:** Reid Moran #12147.**Date:** 30 May 1965.**Miscellaneous:** Shrublet to 5 dm high x 8 dm. Stem to 1 cm [diam.]. Flowers pale lavender. Repr. Status: Flr.**Annotations:** none.**References:** Trans. San Diego Mus. Nat. Hist. 15:277-278. 1969.**Poliomintha bicolor S. Watson****Type Status: Isotype****Accession No:** 423568      **Bar Code:** 405746      **Proofed:** none.**Location:** Nuevo Leon, Mexico. Sierra de la Silla.**Habitat:** Summit ledges.**Collector:** C.G. Pringle #2536.**Date:** 5 June 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** Poliomintha longiflora Gray, det. Carl Epling 1941.**References:** Proc. Amer. Acad. 25:160. 1890.

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<b>Salvia betuliifolia var. chasmema Reveal &amp; W.J. Hess</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 288018	<b>Bar Code:</b> 406405	<b>Proofed:</b> none.
<b>Location:</b>	Durango, Mexico. Along the dirt road from Hidalgo del Parral to El Vergel, about 47 miles west of Parral and 11.5 miles west of Ojito, Sierra Madre Occidental.	
<b>Habitat:</b>	Among lava rocks and outcrops near the road and old wagon trail above the road, associated with <i>Pinus cumbroides</i> , <i>P. leiophylla</i> , <i>Juniperus deppeana</i> , <i>Quercus</i> and <i>Arbutus</i> . 8000 ft.	
<b>Collector:</b>	James L. Reveal #3037. With William J. Hess.	
<b>Date:</b>	12 September 1972.	
<b>Miscellaneous:</b>	Gray Index spells the name <i>S. betulifolia</i> , but Index Kewensis spells it <i>S. betuliifolia</i> . Repr. Status: Flr.	
<b>Annotations:</b>	none.	
<b>References:</b>	Phytologia 24:378. 1972.	
<b>Salvia brachyodonta Briq.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423564	<b>Bar Code:</b> 406389	<b>Proofed:</b> none.
<b>Location:</b>	Jalisco, Mexico. Hillsides near Guadalajara.	
<b>Habitat:</b>	none.	
<b>Collector:</b>	C.G. Pringle #2463.	
<b>Date:</b>	27 September 1889.	
<b>Miscellaneous:</b>	Originally identified as <i>Salvia albiflora</i> Mar. & Gal. var. <i>caerulescens</i> Gray. <i>Plantae Mexicanae</i> . Gift from Colorado College 1984. Repr. Status: Flr.	
<b>Annotations:</b>	<i>Salvia brachyodonta</i> Briq., Isotype, det. Carl Epling 1941.	
<b>References:</b>	Annuaire Conserv. Jard. Bot. Geneve 2: 149. 1898.	
<b>Salvia connivens Epling</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423563	<b>Bar Code:</b> 406397	<b>Proofed:</b> none.
<b>Location:</b>	San Luis Potosi, Mexico. San Jose Pass.	
<b>Habitat:</b>	none.	
<b>Collector:</b>	C.G. Pringle #3224.	
<b>Date:</b>	23 July 1890.	
<b>Miscellaneous:</b>	Originally identified as <i>Salvia brevicalyx</i> Benth. <i>Plantae Mexicanae</i> . Gift from Colorado College 1984. Repr. Status: Flr.	
<b>Annotations:</b>	<i>Salvia connivens</i> Epling, Isotype, det. Carl Epling 1941.	
<b>References:</b>	Repert. Spec. Nov. Regni Veg. Beih. 110: 216. 1939.	
<b>Salvia curticalyx Epling</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 421627	<b>Bar Code:</b> 406421	<b>Proofed:</b> none.
<b>Location:</b>	Loja, Ecuador. Near Chinche. Between San Pedro & Zaruma.	
<b>Habitat:</b>	none. 2100 m.	
<b>Collector:</b>	C. William Penland #1191. With Robert H. Summers.	
<b>Date:</b>	31 July 1939.	
<b>Miscellaneous:</b>	none. Repr. Status: Flr.	
<b>Annotations:</b>	none.	
<b>References:</b>	Bull. Torrey Bot. Club 67:520. 1940.	



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<b>Salvia curticalyx Epling</b>		<b>Type Status: Isotype?</b>
<b>Accession No:</b> 421627	<b>Bar Code:</b> 406413	<b>Proofed:</b> none.
<b>Location:</b> Loja, Ecuador. Near Chinche. Between San Pedro & Zaruma.		
<b>Habitat:</b> none. 2100 m.		
<b>Collector:</b> C. William Penland #1191. With Robert H. Summers.		
<b>Date:</b> 31 July 1939.		
<b>Miscellaneous:</b> Subshrub 0.5 m, sometimes prostrate with branches longer; lvs whitish green beneath with purplish veins; corolla blue; calyx gray lilac to violet; two things here? Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Bull. Torrey Bot. Club 67:520. 1940.		
<b>Salvia flaccidiflora Fernald</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 149770	<b>Bar Code:</b> 406439	<b>Proofed:</b> none.
<b>Location:</b> Hidalgo, Mexico. Barranca below Trinidad Iron Works.		
<b>Habitat:</b> By brooks. 5500 ft.		
<b>Collector:</b> C.G. Pringle #10298.		
<b>Date:</b> 6 September 1906.		
<b>Miscellaneous:</b> Plantae Mexicanae. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 43: 66. 1907.		
<b>Salvia hispanica var. chionocalyx Fernald</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 148725	<b>Bar Code:</b> 406447	<b>Proofed:</b> none.
<b>Location:</b> Michoacan, Mexico. Uruapan.		
<b>Habitat:</b> Fields.		
<b>Collector:</b> C.G. Pringle #8837½.		
<b>Date:</b> 16 October 1904.		
<b>Miscellaneous:</b> Plantae Mexicanae. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 43: 63. 1907.		
<b>Salvia lilacina Fernald</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 149694	<b>Bar Code:</b> 406454	<b>Proofed:</b> none.
<b>Location:</b> Michoacan, Mexico. Uruapan.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #13279.		
<b>Date:</b> 15 October 1904.		
<b>Miscellaneous:</b> Plantae Mexicanae. Repr. Status: Flr.		
<b>Annotations:</b> = <i>Salvia polystachya</i> Ortega, fide Epling monogr.		
<b>References:</b> Proc. Amer. Acad. 45: 418. 1910.		

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<b>Salvia lycioides A. Gray</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423623	<b>Bar Code:</b> 406462	<b>Proofed:</b> none.
<b>Location:</b> Chihuahua, Mexico. Canyons, Santa Eulalia Mountains.		
<b>Habitat:</b> Canyons.		
<b>Collector:</b> C.G. Pringle #790.		
<b>Date:</b> 2 October 1886.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> Salvia lycioides A. Gray, det. Carl Epling 1941		
<b>References:</b> Proc. Amer. Acad. 21:408. 1886.		
<b>Salvia muralis Fernald</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 149737	<b>Bar Code:</b> 406470	<b>Proofed:</b> none.
<b>Location:</b> Guerrero, Mexico. Iguala Canyon.		
<b>Habitat:</b> Limestone cliffs. 2500 ft.		
<b>Collector:</b> C.G. Pringle #10072.		
<b>Date:</b> 28 September 1905.		
<b>Miscellaneous:</b> Plantae Mexicanae. Repr. Status: Flr.		
<b>Annotations:</b> = Salvia pubescens Benth., fide Epling monogr.		
<b>References:</b> Proc. Amer. Acad. 43: 65. 1907.		
<b>Salvia platyphylla Briq.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423618	<b>Bar Code:</b> 406488	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Hillsides near Guadalajara.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #2560.		
<b>Date:</b> 3 July 1889.		
<b>Miscellaneous:</b> Originally identified as Salvia amarissima Ortega. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> Salvia platyphylla Briq., Isotype, det. Carl Epling 1941.		
<b>References:</b> Annuaire Conserv. Jard. Bot. Geneve 2: 150. 1898.		
<b>Salvia pringlei B. L. Rob. &amp; Greenm.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423616	<b>Bar Code:</b> 406496	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Barranca of Tequila.		
<b>Habitat:</b> Under cliffs.		
<b>Collector:</b> C.G. Pringle #4564.		
<b>Date:</b> 2 October 1893.		
<b>Miscellaneous:</b> 3-6 feet. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> Salvia pringlei B. L. Rob. & Greenm., Isotype, det. Carl Epling 1941.		
<b>References:</b> Proc. Amer. Acad. 29:391. 1894.		

**Salvia unguella Epling** **Type Status: Isotype?**

**Accession No:** 218355      **Bar Code:** 406512      **Proofed:** none.  
**Location:** Loja, Ecuador. Near Chinche, between San Pedro and Zaruma.  
**Habitat:** none. 2000 m.  
**Collector:** C. William Penland #1173. With Robert H. Summers.  
**Date:** 30 July 1939.

**Miscellaneous:** none. Repr. Status: Flr.

**Annotations:** none.

**References:** Bull. Torrey Bot. Club 67: 533. 1940.

**Salvia unguella Epling** **Type Status: Isotype?**

**Accession No:** 421606      **Bar Code:** 406504      **Proofed:** none.  
**Location:** Loja, Ecuador. Near Chinche, between San Pedro and Zaruma.  
**Habitat:** none. 2000 m.  
**Collector:** C. William Penland #1173. With Robert H. Summers.  
**Date:** 30 July 1939.

**Miscellaneous:** Slender shrub about 1 m; lvs thin, dull dark green above, paler beneath; corolla pinkish-scarlet. Repr. Status: Flr.

**Annotations:** none.

**References:** Bull. Torrey Bot. Club 67: 533. 1940.

**Salvia urolepis Fernald** **Type Status: Syntype**

**Accession No:** 149689      **Bar Code:** 445114      **Proofed:** none.  
**Location:** Nuevo Leon, Mexico. Mountains above Monterrey.  
**Habitat:** none.  
**Collector:** C.G. Pringle #13978.  
**Date:** 19 September 1907.

**Miscellaneous:** Plantae Mexicanae. Repr. Status: Flr.

**Annotations:** Syntype of *Salvia urolepis* Fernald; (3 specimens cited together as type; "all collection from the same colony"; (Pringle 11906, 13281, 13978); det. N. Lederer, Dec. 2000.

**References:** Proc. Amer. Acad. 45:417. 1910.

**Salvia urolepis Fernald** **Type Status: Syntype**

**Accession No:** 149695      **Bar Code:** 445122      **Proofed:** none.  
**Location:** Nuevo Leon, Mexico. Mountains above Monterrey.  
**Habitat:** none.  
**Collector:** C.G. Pringle #13281.  
**Date:** 7 September 1904.

**Miscellaneous:** Plantae Mexicanae. Repr. Status: Flr.

**Annotations:** Syntype of *Salvia urolepis* Fernald; (3 specimens cited together as type; "all collection from the same colony"; (Pringle 11906, 13281, 13978); det. N. Lederer, Dec. 2000.

**References:** Proc. Amer. Acad. 45:417. 1910.

**Satureja ganderi Epling****Type Status: Isotype****Accession No:** 158317**Bar Code:** 406553**Proofed:** none.**Location:** Baja California, Mexico. Pine Canyon, 6 mi. south of San Vicente.**Habitat:** none.**Collector:** C. Epling #sn. With H. Lewis.**Date:** 25 May 1940.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Amer. Midl. Naturalist 24: 748. 1940.**Scutellaria alta M.E. Jones****Type Status: Isotype****Accession No:** 405796**Bar Code:** 406686**Proofed:** none.**Location:** Chihuahua, Mexico. Guayanopa Canyon, Sierra Madre Mts.**Habitat:** none. 6000 ft.**Collector:** Marcus E. Jones #sn.**Date:** 24 September 1903.**Miscellaneous:** none. Repr. Status: Frt.**Annotations:** none.**References:** Contr. W. Bot. 12: 70. 1908.**Scutellaria chamaedrys Shuttl. ex Benth.****Type Status: ?****Accession No:** 95344**Bar Code:** 406694**Proofed:** none.**Location:** Tennessee, USA. Supra Warmsprings.**Habitat:** In lapidosis montium.**Collector:** Rugel #sn.**Date:** July 1842.**Miscellaneous:** (e sect. Galericularia, foliis omnibus petiolatis ab aff. distincta). Repr. Status: Flr.**Annotations:** = Scutellaria saxatilis.**References:** DC. Prod. xii. 422.**Scutellaria hispidula B. L. Robinson****Type Status: Isotype****Accession No:** 405805**Bar Code:** 406702**Proofed:** none.**Location:** Mexico, Mexico. Flor de Maria.**Habitat:** Meadows.**Collector:** C.G. Pringle #3233.**Date:** 31 August 1890.**Miscellaneous:** Plantae Mexicanae. Repr. Status: Flr.**Annotations:** Scutellaria hispidula B. L. Rob., det. Carl Epling 1938.**References:** Proc. Amer. Acad. 26: 174. 1891.

**Scutellaria hispidula B. L. Robinson****Type Status: Isotype****Accession No:** 423593      **Bar Code:** 406710      **Proofed:** none.**Location:** Mexico, Mexico. Flor de Maria.**Habitat:** Meadows.**Collector:** C.G. Pringle #3233.**Date:** 31 August 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** Scutellaria hispidula B. L. Rob., det. Carl Epling 1941.**References:** Proc. Amer. Acad. 26: 174. 1891.**Scutellaria pseudo-coerulea Briq.****Type Status: Isotype****Accession No:** 423596      **Bar Code:** 406736      **Proofed:** none.**Location:** San Luis Potosi, Mexico. Las Canoas.**Habitat:** Damp shaded banks.**Collector:** C.G. Pringle #3068.**Date:** 8 July 1890.**Miscellaneous:** Originally identified as Scutellaria caerulea Moc. & Sesse. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** Scutellaria pseudocaerulea Briq., Isotype, det. Carl Epling 1941.**References:** Annuaire Conserv. Jard. Bot. Geneve 4: 240. 1900.**Scutellaria suffrutescens S. Watson****Type Status: Isotype****Accession No:** 423597      **Bar Code:** 406744      **Proofed:** none.**Location:** Nuevo Leon, Mexico. Bare summit of Sierra de la Silla.**Habitat:** Bare summit. 5000 ft.**Collector:** C.G. Pringle #2535.**Date:** 3 June 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** Scutellaria suffrutescens S. Watson, det. Carl Epling 1941.**References:** Proc. Amer. Acad. Arts 25: 160. 1890.**Scutellaria tessellata Epling in Kearney & Peebles****Type Status: Isotype****Accession No:** 405806      **Bar Code:** 406751      **Proofed:** none.**Location:** Arizona, USA. Huachuca Mts.**Habitat:** none. 5500 ft.**Collector:** Marcus E. Jones #sn.**Date:** 3 September 1903.**Miscellaneous:** Originally identified as Scutellaria. Repr. Status: Flr.**Annotations:** none.**References:** J. Wash. Acad. Sci. 29: 488. 1939.

**Stachys globosa Epling****Type Status: Isotype****Accession No:** 423600**Bar Code:** 408104**Proofed:** none.**Location:** San Luis Potosi, Mexico. Hillsides, Las Canoas.**Habitat:** none.**Collector:** C.G. Pringle #3217.**Date:** 15 July 1890.**Miscellaneous:** Originally identified as *Stachys drummondii* Benth. (A form.). *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** *Stachys globosa* Epling, Isotype, det. Carl Epling 1941.**References:** *Repert. Spec. Nov. Regni Veg. Beih.* 80: 24. 1934.**Stachys radicans Epling****Type Status: Isotype****Accession No:** 423601**Bar Code:** 408112**Proofed:** none.**Location:** Mexico, Mexico. Sierra de las Cruces.**Habitat:** Gravelly soil.**Collector:** C.G. Pringle #4208.**Date:** 21 August 1892.**Miscellaneous:** Originally identified as *Stachys repens* Mart. & Gal. ex char. *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** *Stachys radicans* Epling, Isotype, det. Carl Epling 1941.**References:** *Repert. Spec. Nov. Regni Veg. Beih.* 80: 24. 1934.**Family: Lentibulariaceae****Pinguicula parvifolia B.L. Robinson****Type Status: Isotype****Accession No:** 424258**Bar Code:** 405571**Proofed:** none.**Location:** Jalisco, Mexico. Bluffs near Guadalajara.**Habitat:** Mossy gravel bluffs.**Collector:** C.G. Pringle #4397.**Date:** 23 June 1893.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** *Proc. Amer. Acad.* 29:320. 1894.**Family: Liliaceae****Echeandia nodosa S. Watson****Type Status: Isotype****Accession No:** 422714**Bar Code:** 363085**Proofed:** none.**Location:** Jalisco, Mexico. Barranca near Guadalajara.**Habitat:** Dry rocky bluffs of barranca.**Collector:** C.G. Pringle #3870.**Date:** 23 September 1891.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** *Proc. Amer. Acad.* 26:256. 1891.

**Schoenocaulon jaliscense Greenm.****Type Status: Paratype****Accession No:** 149684**Bar Code:** 445130**Proofed:** none.**Location:** Jalisco, Mexico. Barranca bluffs near Guadalajara.**Habitat:** Barranca bluffs.**Collector:** C.G. Pringle #11853.**Date:** 15 October 1903.**Miscellaneous:** Plantae Mexicanae. Repr. Status: Flr & Frt.**Annotations:** Paratype of *Schoenocaulon jaliscense* Greenm. (Type specimen is Pringle 2938; Pringle 11853 is also mentioned in the original publication.) Det. N. Lederer, Dec. 2000.**References:** Proc. Amer. Acad. Arts 43: 20. 1907.**Family: Liliaceae/Melanthiaceae****Zygadenus gracilentus Greene****Type Status: Isotype****Accession No:** 422708**Bar Code:** 413039**Proofed:** none.**Location:** Chihuahua, Mexico. Cool slopes of the Sierra Madre.**Habitat:** none. 9000 ft.**Collector:** C.G. Pringle #1383.**Date:** 1 October 1887.**Miscellaneous:** Originally identified as *Zygadenus elegans* Pursh. Plantae Mexicanae. Gift from Colorado College 1984. 2 species on sheet. Repr. Status: Flr.**Annotations:** A: *Zigadenus elegans* (Pursh) Rydberg; B: Isotype of *Zygadenus gracilentus* Greene, = *Anticlea virescens* Kunth, det. W.A. Weber 1994.**References:** Pittonia 4: 241. 1901.**Family: Linaceae****Linum pringlei S. Watson****Type Status: Isotype****Accession No:** 424264**Bar Code:** 373134**Proofed:** none.**Location:** Chihuahua, Mexico. Sierra Madre.**Habitat:** Alt. 7000-9500 ft.**Collector:** C.G. Pringle #1200.**Date:** September 1887.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 23:269. 1888.**Linum pringlei S. Watson****Type Status: Isotype****Accession No:** 490744**Bar Code:** 373142**Proofed:** none.**Location:** Chihuahua, Mexico. Sierra Madre.**Habitat:** Alt. 7000-9500 ft.**Collector:** C.G. Pringle #1200.**Date:** September 1887.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 23:269. 1888.

**Linum pringlei S. Watson****Type Status: Isotype****Accession No:** 424265**Bar Code:** 373126**Proofed:** none.**Location:** Chihuahua, Mexico. Sierra Madre.**Habitat:** Alt. 7000-9500 ft.**Collector:** C.G. Pringle #1200.**Date:** September 1887.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 23:269. 1888.**Family: Loasaceae****Eucnide pringlei Rose****Type Status: ?****Accession No:** 169461**Bar Code:** 367755**Proofed:** none.**Location:** Guerrero, Mexico. Iguala Canyon.**Habitat:** Limestone cliffs. 2500 ft.**Collector:** C.G. Pringle #10077.**Date:** 22 September 1905.**Miscellaneous:** Plantae Mexicanae. Repr. Status: Flr.**Annotations:** none.**References:** Contrib. U.S. Nat. Herb. 12:287. 1909.**Mentzelia argillicola N.H. Holmgren & P.K. Holmgren****Type Status: Isotype****Accession No:** 506479**Bar Code:** 825034**Proofed:** none.**Location:** Lincoln County, Nevada, USA. Lake Valley, Patterson Wash, clay hills east of the wash, 1.4 km (0.9 mi) N of Eightmile Well, 13 km (8 mi) air distance NNW of downtown Pioche. TRS: T2N R67E SEC17. 38° 02' 18" N Lat. 114° 29' 15" W Long.**Habitat:** Locally common in brown clay soil. 5600 ft. 1705 m.**Collector:** Noel H. Holmgren #14448. With Patricia K. Holmgren.**Date:** 9 July 2001.**Miscellaneous:** Collected later with mature fruit, my 14538, on 20 August 2001. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Syst. Bot. 27:751. 2002.**Mentzelia goodrichii Thorne & Welsh****Type Status: Isotype****Accession No:** 457877**Bar Code:** 640912**Proofed:** none.**Location:** Duchesne County, Utah, USA. West Tavaputs Plateau, Bad Land Cliffs, breaks at north rim of Argyle Canyon. TRS: T11S R12E SEC5 NE¼ SLM.**Habitat:** With scattered bristle cone pine. Marl limestone. Steep south exposure. Elev. 8600-8800 ft. 8700 ft.**Collector:** S. Goodrich #23806.**Date:** 15 July 1992.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Rhodora 95:407-408. 1993.



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<b>Mentzelia memorabilis N.H. Holmgren &amp; P.K. Holmgren</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 506478	<b>Bar Code:</b> 825042	<b>Proofed:</b> none.
<b>Location:</b> Mohave County, Arizona, USA. Uinkaret Plateau, just N of the Navajo Trail Road, 1.1 km (0.7 mi) W of the Clayhole Wash crossing, 27.5 km (17 mi) air distance SSW of Colorado City. TRS: T40N R8W SEC31. 36° 49' 09" N Lat. 113° 11' 21" W Long.		
<b>Habitat:</b> Locally common to frequent in partially barren gypsum-clay soil w/ scattered <i>Atriplex canescens</i> , <i>Chrysothamnus Greenei</i> , <i>Tetradymia canescens</i> , and <i>Ephedra torreyana</i> . 4850 ft. 1480 m.		
<b>Collector:</b> Noel H. Holmgren #14580. With Patricia K. Holmgren.		
<b>Date:</b> 17 September 2001.		
<b>Miscellaneous:</b> Plants with many stems arising from a branched, woody caudex. Repr. Status: Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Syst. Bot. 27:753. 2002.		
<b>Mentzelia multicaulis var. flumensevera N.H. Holmgren &amp; P.K. Holmgren</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 506471	<b>Bar Code:</b> 825018	<b>Proofed:</b> none.
<b>Location:</b> Piute County, Utah, USA. Sevier River, in a small draw west of U.S. Highway 89, 5.5 km (3.4 mi) north of downtown Marysvale (measured from the Bullion Avenue cross street). TRS: T27S R3W SEC6. 38° 29' 34" N Lat. 112° 15' 06" W Long.		
<b>Habitat:</b> Locally common on a southwest-facing, fine gravel talus. 6230 ft. 1900 m.		
<b>Collector:</b> Noel H. Holmgren #14507. With Patricia K. Holmgren.		
<b>Date:</b> 18 August 2001.		
<b>Miscellaneous:</b> From the same population as my number 14460, collected 11 July 2001. Repr. Status: Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Syst. Bot. 27:761. 2002.		
<b>Mentzelia multicaulis var. uintahensis N.H. Holmgren &amp; P.K. Holmgren</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 506473	<b>Bar Code:</b> 825026	<b>Proofed:</b> none.
<b>Location:</b> Uintah County, Utah, USA. Uinta Basin, Watson-Rainbow Road, 2.3 km (1.4 mi) SE of State Route 45 and 1.1 km (0.7 mi) E of the Evacuation Creek bridge, 63 km (39 mi) air distance SE of downtown Vernal. TRS: T10S R25E SEC18. 39° 57' 14" N Lat. 109° 08' 59" W Long.		
<b>Habitat:</b> Shale barren surrounded by sagebrush-shadscale vegetation. 5250 ft. 1600 m.		
<b>Collector:</b> Noel H. Holmgren #14465. With Patricia K. Holmgren.		
<b>Date:</b> 13 July 2001.		
<b>Miscellaneous:</b> Subshrub consisting of many intertwined stems. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Syst. Bot. 27:758. 2002.		

**Mentzelia rhizomata** Reveal**Type Status:** Isotype**Accession No:** 506472**Bar Code:** 825067**Proofed:** none.

**Location:** Garfield County, Colorado, USA. Above the left fork of Roan Creek N of the mouth of Bear Gulch on the S slope of Horse Ridge along a dirt road 2 miles W of County Rd. 207 (Carr Creek Rd.), 22.6 air miles NW of DeBeque. TRS: T6S R100W SEC2 NW¼ of NE¼. 39° 33' 42" N Lat. 108° 31' 12" W Long.

**Habitat:** Associated with Cercocarpus, Amelanchier, Quercus and Juniperus. 6700 ft.

**Collector:** James L. Reveal #8322.

**Date:** 13 July 2001.

**Miscellaneous:** none. Repr. Status: Flr & Frt.

**Annotations:** none.

**References:** Syst. Bot. 27:763. 2002.

**Mentzelia thompsonii** J.B. Glad**Type Status:** Holotype**Accession No:** 74079**Bar Code:** 378174**Proofed:** none.

**Location:** Montrose County, Colorado, USA. Gyp hills 7 mi. e. of Montrose.

**Habitat:** Gyp hills. 6000 ft.

**Collector:** W.A. Weber #7470.

**Date:** 30 May 1952.

**Miscellaneous:** Originally identified as *Mentzelia dispersa* Wats. Repr. Status: Flr.

**Annotations:** *Mentzelia thompsonii* Glad, Holotype, det. Judith B. Glad 1975.

**References:** Madroño 23:289-292. 1976.

**Mentzelia tiehmii** N.H. Holmgren & P.K. Holmgren**Type Status:** Isotype**Accession No:** 506475**Bar Code:** 825059**Proofed:** none.

**Location:** Nye County, Nevada, USA. White River Valley, W of the Hay Meadow Reservoir dam, 61 km (38 mi) air distance SSW of downtown Lund. TRS: T5N R61E SEC6. 38° 19' 50" N Lat. 115° 10' 26" W Long.

**Habitat:** Locally common, mostly on hill tops of white soil and rock outcrops; sparse vegetation of *Chrysothamnus parryi*, *Enceliopsis nudicaulis*, *Berberis fremontii*, *Cordylanthus kingii*, *Artemisia nova*, *Hymenopappus filifolius*, *Eriogonum howellianum*..... 5200 ft. 1585 m.

**Collector:** Noel H. Holmgren #14565. With Patricia K. Holmgren.

**Date:** 21 August 2001.

**Miscellaneous:** Flowers opening in the late afternoon and closed before morning. Repr. Status: Flr & Frt.

**Annotations:** none.

**References:** Syst. Bot. 27:748. 2002.

**Nuttallia springeri Standley****Type Status: Isotype?****Accession No:** 507706**Bar Code:** 385732**Proofed:** none.**Location:** New Mexico, USA. Rito [sic] de los Frijoles, about 30 miles northwest of Santa Fe.**Habitat:** none.**Collector:** F. Springer #sn.**Date:** none.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Biol. Soc. Wash. 26:115. 1913.**Touterea multicaulis Osterhout****Type Status: Isotype****Accession No:** 322028**Bar Code:** 378166**Proofed:** none.**Location:** Eagle County, Colorado, USA. Wolcott.**Habitat:** none.**Collector:** Geo. E. Osterhout #2663.**Date:** 11 July 1902.**Miscellaneous:** Originally identified as *Mentzelia multicaulis* Osterhout. Repr. Status: Flr & Frt.**Annotations:** Isotype of *Touterea multicaulis* Osterhout, duplicate det. N.H. Holmgren, 6 Dec. 2002.**References:** Bull. Torrey Bot. Club 30:236. 1903.**Touterea multicaulis Osterhout****Type Status: Isotype****Accession No:** 27764**Bar Code:** 378158**Proofed:** none.**Location:** Eagle County, Colorado, USA. Wolcott.**Habitat:** none.**Collector:** Geo. E. Osterhout #2663.**Date:** 11 July 1902.**Miscellaneous:** Originally identified as *Touteria multicaulis* Osterhout. Repr. Status: Flr & Frt.**Annotations:** Isotype of *Touterea multicaulis* Osterh., det. N.H. Holmgren, 6 Dec. 2002.**References:** Bull. Torrey Bot. Club 30:236. 1903.**Family: Loranthaceae****Struthanthus alni Bartlett****Type Status: Isotype?****Accession No:** 149483**Bar Code:** 408237**Proofed:** none.**Location:** Oaxaca, Mexico. Sierra de San Felipe.**Habitat:** On *Alnus*. 10000 ft.**Collector:** C.G. Pringle #10244.**Date:** 22 May 1906.**Miscellaneous:** *Plantae Mexicanae*. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 44: 630. 1909.

Family: Lythraceae
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**Cuphea avigera Rob. & Sea.****Type Status: Isotype****Accession No:** 424450      **Bar Code:** 359935      **Proofed:** none.**Location:** Jalisco, Mexico. Mountains near Lake Chapala.**Habitat:** Moist banks, mountains.**Collector:** C.G. Pringle #4349.**Date:** 18 November 1892.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 28:105. 1893.**Cuphea pringlei S. Watson****Type Status: Isotype****Accession No:** 424462      **Bar Code:** 359943      **Proofed:** none.**Location:** Jalisco, Mexico. Mountains near Lake Chapala.**Habitat:** Canyons.**Collector:** C.G. Pringle #2424.**Date:** 12 December 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 25:149. 1890.**Cuphea reipublicae Rob. & Sea.****Type Status: Isotype****Accession No:** 424464      **Bar Code:** 359950      **Proofed:** none.**Location:** Michoacan, Mexico. Near Patzcuaro.**Habitat:** By brooks.**Collector:** C.G. Pringle #4142.**Date:** 28 July 1892.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Cuphea bustamante* var. *reipublicae* Koehne.**References:** Proc. Amer. Acad. 28:106. 1893.

Family: Malpighiaceae
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**Bunchosia pringlei S. Watson****Type Status: Isotype****Accession No:** 424439      **Bar Code:** 352260      **Proofed:** none.**Location:** San Luis Potosi, Mexico. Tamasopo Canyon.**Habitat:** none.**Collector:** C.G. Pringle #3736.**Date:** 17 June 1891.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 26:133. 1891.

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<b>Family: Malvaceae</b>		
<b>Abutilon attenuatum Rob. &amp; Sea.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423371	<b>Bar Code:</b> 339515	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Slopes of mountains near Lake Chapala.		
<b>Habitat:</b> Slopes of mountains. Growing amongst other shrubs.		
<b>Collector:</b> C.G. Pringle #4354.		
<b>Date:</b> 12 November 1892.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift to Herbarium COLO from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 28:104. 1893.		
<b>Abutilon Bakeranum Rose</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423372	<b>Bar Code:</b> 339523	<b>Proofed:</b> none.
<b>Location:</b> Oaxaca, Mexico. Tomellin Canyon		
<b>Habitat:</b> Canyon. 8500 ft.		
<b>Collector:</b> C.G. Pringle #6278.		
<b>Date:</b> 1 December 1895.		
<b>Miscellaneous:</b> 15-20 feet. Gift to Herbarium COLO from Colorado College 1984. Elev. could be 3500 ft. -- hard to read on label. Repr. Status: Flr.		
<b>Annotations:</b> =Bakeridesia bakeriana (Rose) Bases.		
<b>References:</b> Contr. U.S. Nat. Herb. 5:133. 1897		
<b>Abutilon reticulatum Rose</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423376	<b>Bar Code:</b> 339531	<b>Proofed:</b> none.
<b>Location:</b> Oaxaca, Mexico. Monte Alban near Oaxaca.		
<b>Habitat:</b> none. 5800 ft.		
<b>Collector:</b> C.G. Pringle #6062.		
<b>Date:</b> 23 November 1894.		
<b>Miscellaneous:</b> Original label says A. reventum, but published type description is as A. reticulatum. A shrub, 10-15 ft. Plantae Mexicanae. Gift to Herbarium COLO from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> Abutilon reticulatum Rose = Abutilon andrieuxii Hemsl., det. Paul Fryxell 1985.		
<b>References:</b> Contr. U.S. National Herb. 5:171. 1899.		
<b>Anoda thurberi A. Gray</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423367	<b>Bar Code:</b> 342485	<b>Proofed:</b> none.
<b>Location:</b> Chihuahua, Mexico. Santa Eulalia Mountains.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #283.		
<b>Date:</b> 3 October 1885.		
<b>Miscellaneous:</b> Originally identified as Anoda parviflora Cav. var. ? Plantae Mexicanae. Gift to Herbarium COLO from Colorado College 1984. Repr. Status: Frt.		
<b>Annotations:</b> Anoda thurberi A. Gray, det. Paul Fryxell 1985.		
<b>References:</b> Proc. Amer. Acad. 22:299. 1887.		

Page 198 of 322	COLO Type Specimens	Malvaceae
<b>Beloere cistiflora Shuttl.</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 95159	<b>Bar Code:</b> 351015	<b>Proofed:</b> none.
<b>Location:</b> Florida, USA. Ins. Key West, Florida austr.		
<b>Habitat:</b> Ad littora maris.		
<b>Collector:</b> F. Rugel #94.		
<b>Date:</b> February 1846.		
<b>Miscellaneous:</b> This name not in Gray Index. Repr. Status: Frt.		
<b>Annotations:</b> = Abutilon fide Dalla T. et Harms p. 307, det. W.A. Weber 1973.		
<b>References:</b> Pl. Wright. 1:21. 1852.		
<b>Hibiscus smilacifolius Shuttl. ex A. Gray</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 95219	<b>Bar Code:</b> 369918	<b>Proofed:</b> none.
<b>Location:</b> Florida, USA. Inter fl. Manate et Sarazota Bay, Florida austr. occ.		
<b>Habitat:</b> In pratis.		
<b>Collector:</b> Rugel #103.		
<b>Date:</b> August 1845.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> = Kosteletzkya virginica.		
<b>References:</b> Pl. Wright. 1:23.		
<b>Kosteletzkya madrensis M.E. Jones</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 405821	<b>Bar Code:</b> 371955	<b>Proofed:</b> none.
<b>Location:</b> Chihuahua, Mexico. Guayanopa Canyon, Sierra Madre Mts.		
<b>Habitat:</b> none. 3600 ft.		
<b>Collector:</b> Marcus E. Jones #sn.		
<b>Date:</b> 24 September 1903.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> Kosteletzkya thurberi A. Gray; (Isotype Kosteletzkya madrensis M.E. Jones), det. P. Fryxell 1972. / Kosteletzkya thurberi A. Gray; Isotype of Kosteletzkya madrensis M.E. Jones, det. Orland J. Blanchard, Jr. 1980.		
<b>References:</b> Contrib. W. Bot. 12:4. 1908.		
<b>Malvastrum cockerellii A. Nelson</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 507704	<b>Bar Code:</b> 378034	<b>Proofed:</b> none.
<b>Location:</b> New Mexico, USA. Pecos.		
<b>Habitat:</b> none.		
<b>Collector:</b> T.D.A. Cockerell #sn.		
<b>Date:</b> 13 July, no year.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Bot. Gaz. 31:24. 1902.		

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<b>Malvaviscus pringlei Baker f.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 424530	<b>Bar Code:</b> 338026	<b>Proofed:</b> none.
<b>Location:</b> Michoacan, Mexico. Rocky hills bordering Lake Cuitzeo.		
<b>Habitat:</b> Rocky hills.		
<b>Collector:</b> C.G. Pringle #4132.		
<b>Date:</b> 20 July; 26 October 1892.		
<b>Miscellaneous:</b> Originally identified as <i>Malvaviscus acerifolius</i> Presl. 10-20 feet. <i>Plantae Mexicanae</i> . Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> <i>Malvaviscus pringlei</i> J.C. Baker, det. C.W. Penland, no date. / <i>Malvaviscus pringlei</i> Baker ex Rob. & Sea. (Isotype); = <i>Pavonia candida</i> (DC.) Fryx., det. Paul Fryxell, 1985 and 1993.		
<b>References:</b> Amer. J. Sci. 50:175. 1895.		
<b>Pavonia melanommata Rob. &amp; Sea.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 424512	<b>Bar Code:</b> 392712	<b>Proofed:</b> none.
<b>Location:</b> Michoacan, Mexico. Volcanic hills, Monte Leon.		
<b>Habitat:</b> Volcanic hills.		
<b>Collector:</b> C.G. Pringle #4343.		
<b>Date:</b> 12 November 1892.		
<b>Miscellaneous:</b> A shrub 5-8 feet. <i>Plantae Mexicanae</i> . Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> = <i>Pavonia oxyphylla</i> var. <i>melanommata</i> Fryxell, det. P. Fryxell 1993.		
<b>References:</b> Proc. Amer. Acad. 28:104. 1893.		
<b>Sida jaliscensis Gandoger</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 424515	<b>Bar Code:</b> 407064	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Hills near Guadalajara.		
<b>Habitat:</b> Thin soil of rocky hills.		
<b>Collector:</b> C.G. Pringle #4497.		
<b>Date:</b> 16 August 1893.		
<b>Miscellaneous:</b> Originally identified as <i>Sida ciliaris</i> L. Fls. copper colored. <i>Plantae Mexicanae</i> . Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> <i>Sida jaliscensis</i> , Isotype, = <i>Sida ciliaris</i> , det. Paul Fryxell 1985.		
<b>References:</b> Bull. Soc. Bot. France 71: 629. 1924.		
<b>Sida lindheimeri Engelm. &amp; Gray</b>		<b>Type Status: Isotype?</b>
<b>Accession No:</b> 123455	<b>Bar Code:</b> 407072	<b>Proofed:</b> none.
<b>Location:</b> Texas, USA. Texas.		
<b>Habitat:</b> none.		
<b>Collector:</b> F. Lindheimer #24.		
<b>Date:</b> 1844.		
<b>Miscellaneous:</b> none. Repr. Status: Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Bost. Journ. Nat. Hist. 213. 1845.		

**Sidalcea crenulata A. Nelson****Type Status: Isotype****Accession No:** 332274      **Bar Code:** 407080      **Proofed:** none.**Location:** Utah, USA. Juab.**Habitat:** Native meadows.**Collector:** Leslie N. Goodding #1091.**Date:** 10 June 1902.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** = *Sidalcea neomexicana* subsp. *crenulata* (A. Nelson) C. L. Hitchc. Univ. Wash. Publ. Biol. 18: 73. 1957**References:** Proc. Biol. Soc. Wash. 17: 93. 1904.**Sidalcea neomexicana var. diehlii M. E. Jones****Type Status: Isotype?****Accession No:** 405820      **Bar Code:** 407098      **Proofed:** none.**Location:** Chihuahua, Mexico. Round Valley, Sierra Madre Mts.**Habitat:** none. 7000 ft.**Collector:** Marcus E. Jones #sn.**Date:** 17 September 1903.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** *Sidalcea neomexicana* Gray, det. Eva M. Fling Roush, 1930. / *Sidalcea neomexicana* subsp. *diehlii* (M. E. Jones) C. L. Hitchc., det. C. Leo Hitchcock 1952.**References:** Contr. W. Bot. 12: 4. 1908**Sphaeralcea gierischii Atwood & Welsh****Type Status: Isotype****Accession No:** 498075      **Bar Code:** 482166      **Proofed:** none.**Location:** Mohave County, Arizona, USA. 1.2 mi n of Black Rock Gulch, w of road. TRS: T41N R13W Sec24.**Habitat:** Clay outcrops with burrobush, indigo bush, lycium, yucca, etc.**Collector:** D. Atwood #25293. With B. Furniss.**Date:** 24 April 2000.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** *Sphaeralcea gierischii* Atwood & Welsh, Isotype, det. D. Atwood 2001.**References:** ined.**Sphaeralcea grandiflora Rydberg****Type Status: Paratype****Accession No:** 269516      **Bar Code:** 408039      **Proofed:** none.**Location:** Ouray County, Colorado, USA. Ouray.**Habitat:** none. 8600 ft.**Collector:** L.M. Underwood #194. With A.D. Selby.**Date:** 9 September 1901.**Miscellaneous:** Originally identified as *Sphaeralcea rivularis* Torr. Repr. Status: Flr & Frt.**Annotations:** *Sphaeralcea grandiflora* Rydberg, Duplicate Paratype, det. Roland G. Hawk & Ronald L. Stuckey, 1971.**References:** Bull. Torrey Bot. Club 31: 565. 1904.



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<b>Sphaeralcea incana subsp. cuneata Kearney</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 507767	<b>Bar Code:</b> 408021	<b>Proofed:</b> none.
<b>Location:</b> Valencia County, New Mexico, USA.		
<b>Habitat:</b> none.		
<b>Collector:</b> Kearney #18. With Leding.		
<b>Date:</b> 1 October 1932.		
<b>Miscellaneous:</b> none. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Univ. Calif. Publ. Bot. 19: 59. 1935.		
<b>Wissadula tricarpellata Rob. &amp; Greenm.</b>		<b>Type Status: Paratype</b>
<b>Accession No:</b> 424524	<b>Bar Code:</b> 425900	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Hillsides, Tequila.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #4610.		
<b>Date:</b> 30 September 1893.		
<b>Miscellaneous:</b> In original publication, Robinson says "...the material under No. 4610 seems to have confused & to consist in some sets of a Sida..." However, our specimen was annotated by Fryxell as <i>Bastardiastrum tricarpellatum</i> , a synonym of <i>Wissadula tricarpellata</i> . Repr. Status: Flr & Frt.		
<b>Annotations:</b> This specimen is <i>Bastardiastrum tricarpellatum</i> (Rob. & Greenm.) Bates, ( <i>Gentes Herb.</i> 11:325. 1978), actually a topotype. However, as Robinson noted, this was a mixed gathering, & other duplicates of this number are of <i>Sida</i> . Det. Paul A. Fryxell 1985.		
<b>References:</b> Contr. U.S. Natl. Herb. 5:179. 1899.		
<b>Family: Menispermaceae</b>		
<b>Menispermum mexicanum Rose</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 148744	<b>Bar Code:</b> 378141	<b>Proofed:</b> none.
<b>Location:</b> Nuevo Leon, Mexico. Sierra Madre above Monterrey.		
<b>Habitat:</b> none. 3000 ft.		
<b>Collector:</b> C.G. Pringle #10378.		
<b>Date:</b> 8 July 1907.		
<b>Miscellaneous:</b> <i>Plantae Mexicanae</i> . Repr. Status: Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Contrib. U.S. Nat. Herb. 13:302. 1911.		

Family: Moraceae
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**Ficus guadalajarana S. Watson** **Type Status: Isotype**

**Accession No:** 424496      **Bar Code:** 368027      **Proofed:** none.

**Location:** Jalisco, Mexico. Near Guadalajara.

**Habitat:** none.

**Collector:** C.G. Pringle #3890.

**Date:** 23 September 1891.

**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.

**Annotations:** none.

**References:** Proc. Amer. Acad. 26:151. 1891.

**Ficus pringlei S. Watson** **Type Status: Isotype**

**Accession No:** 424498      **Bar Code:** 368035      **Proofed:** none.

**Location:** Jalisco, Mexico. Barranca near Guadalajara.

**Habitat:** Rocky bluffs of barranca.

**Collector:** C.G. Pringle #3865.

**Date:** 12 September 1891.

**Miscellaneous:** From a small to a medium sized tree. Fruit eaten. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.

**Annotations:** none.

**References:** Proc. Amer. Acad. 26:150. 1891.

**Ficus subrotundifolia Greenman** **Type Status: ?**

**Accession No:** 149677      **Bar Code:** 368043      **Proofed:** none.

**Location:** Jalisco, Mexico. Barranca of Guadalajara.

**Habitat:** none. 4000 ft.

**Collector:** C.G. Pringle #11850.

**Date:** 28 September 1903.

**Miscellaneous:** Plantae Mexicanae. Repr. Status: Frt.

**Annotations:** none.

**References:** Proc. Amer. Acad. 41:237. 1905.

Family: Nyctaginaceae
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**Allionia glandulifera A. Nelson** **Type Status: Isotype**

**Accession No:** 28408      **Bar Code:** 339804      **Proofed:** none.

**Location:** Albany County, Wyoming, USA. Laramie.

**Habitat:** Open sandy river banks.

**Collector:** Aven Nelson #7637.

**Date:** 19 July 1900.

**Miscellaneous:** Spelling of name on original label is Alliona glandulifera. Repr. Status: Flr.

**Annotations:** none.

**References:** Bot. Gazette 34:364. 1902?

**Boerhaavia octandra S. Watson****Type Status: Isotype****Accession No:** 424532**Bar Code:** 352161**Proofed:** none.**Location:** Jalisco, Mexico. Fall os Juanacatlan.**Habitat:** Rocky banks of river.**Collector:** C.G. Pringle #3879.**Date:** 2 October 1891.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = Pisoniella glabrata Standley**References:** Ann. Conserv. Jard. Bot. Geneve 5:196. 1901.**Mirabilis macfarlanei Constance & Rollins****Type Status: Isotype****Accession No:** 32810**Bar Code:** 378331**Proofed:** none.**Location:** Wallowa County, Oregon, USA. Lower Cottonwood Landing, between mouth of Somer's Creek & Pittsburg Landing, Snake River Canyon. TRS: T27N R1-2W.**Habitat:** Captured talus slope.**Collector:** L. Constance #1579. With R.C. Rollins, H.F. Clements, L.A. Dillon.**Date:** 15 May 1936.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Biol. Soc. Wash. 49:148. 1936.**Mirabilis pringlei Weatherby****Type Status: ?****Accession No:** 149511**Bar Code:** 378349**Proofed:** none.**Location:** Guerrero, Mexico. Iguala Canyon.**Habitat:** none. 3000 ft.**Collector:** C.G. Pringle #10384.**Date:** 23 July 1907.**Miscellaneous:** Plantae Mexicanae. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 45:424. 1910.**Family: Oleaceae****Forestiera racemosa S. Watson****Type Status: Isotype****Accession No:** 424316**Bar Code:** 368050**Proofed:** none.**Location:** Nuevo Leon, Mexico. Base of Sierra Madre near Monterey.**Habitat:** none.**Collector:** C.G. Pringle #2394.**Date:** 29 August 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 23:158. 1890.

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<b>Family: Onagraceae</b>		
<b>Clarkia franciscana Lewis &amp; Raven</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 124697	<b>Bar Code:</b> 356931	<b>Proofed:</b> none.
<b>Location:</b> California, USA. Slope overlooking Golden Gate, Presidio, San Francisco.		
<b>Habitat:</b> Open serpentine-covered slope.		
<b>Collector:</b> Peter H. Raven #9321.		
<b>Date:</b> 1 June 1956.		
<b>Miscellaneous:</b> none. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Brittonia 10:7. 1958.		
<b>Epilobium adscendens Suksdorf</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 494067	<b>Bar Code:</b> 363226	<b>Proofed:</b> none.
<b>Location:</b> Klickitat County, Washington, USA. West Klickitat County.		
<b>Habitat:</b> Rocky hillsides.		
<b>Collector:</b> W.N. Suksdorf #sn.		
<b>Date:</b> 13 April, May 1892.		
<b>Miscellaneous:</b> none. Repr. Status: Flr & Frt.		
<b>Annotations:</b> = <i>Epilobium minutum</i> Lindl. ex. Hook., det. W.A. Weber 1993.		
<b>References:</b> Deutsch. Bot. Monatsschr. 18:87. 1900.		
<b>Epilobium ovatifolium P. A. Rydberg</b>		<b>Type Status: Paratype</b>
<b>Accession No:</b> 269506	<b>Bar Code:</b> 363234	<b>Proofed:</b> none.
<b>Location:</b> Colorado, USA. Red Mt.		
<b>Habitat:</b> By ditch. 11000 ft.		
<b>Collector:</b> L.M. Underwood #297. With A.D. Selby.		
<b>Date:</b> 11 September 1901.		
<b>Miscellaneous:</b> Originally identified as <i>Epilobium</i> . Repr. Status: Frt.		
<b>Annotations:</b> <i>Epilobium ovatifolium</i> P. A. Rydberg, duplicate paratype, det. Roland G. Hawk & Roland L. Stuckey 1971. / <i>Epilobium saximontanum</i> Hausskn., det. Peter C. Hoch 1979.		
<b>References:</b> Bull. Torrey Bot. Club 31:567. 1904.		
<b>Fuchsia pringlei Rob. &amp; Sea.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423094	<b>Bar Code:</b> 368118	<b>Proofed:</b> none.
<b>Location:</b> Michoacan, Mexico. Mountains near Patzcuaro.		
<b>Habitat:</b> Under pines, mountains.		
<b>Collector:</b> C.G. Pringle #4140.		
<b>Date:</b> July 1892.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 28:106. 1893.		

**Gaura villosa var. parksii Munz****Type Status: Isotype****Accession No:** 405795**Bar Code:** 369967**Proofed:** none.**Location:** Wilson County, Texas, USA. Terrell Hill, Kaicaster.**Habitat:** Sandy open places.**Collector:** P.A. Munz #13334.**Date:** 24 June 1935.**Miscellaneous:** Perennial. Repr. Status: Flr.**Annotations:** *Gaura villosa* Torr. ssp. *parksii* (Munz) Raven & Gregory, det. P.H. Raven & D.P. Gregory 1966-67.**References:** Bull. Torrey Bot. Club 65:215. 1938.**Gayophytum decipiens F.H. Lewis & Szweyk.****Type Status: Isotype****Accession No:** 391288**Bar Code:** 368217**Proofed:** none.**Location:** Inyo County, California, USA. Bishop Creek, North Lake Road, 0.2 mile north of road to Lake Sabrina.**Habitat:** On the borders of a cleared area at the end of a side road. Had been an aspen-sagebrush area. 9000 ft.**Collector:** H. Lewis #1311.**Date:** 8 August 1962.**Miscellaneous:** Chromosome number from this collection  $2n=7$ , det. H. Lewis. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 16:368. 1964.**Gayophytum humile var. hirtellum Munz****Type Status: Isotype****Accession No:** 279904**Bar Code:** 368225**Proofed:** none.**Location:** Ormsby County, Nevada, USA. Snow Valley.**Habitat:** Elev. 2460-2615 m.**Collector:** C.F. Baker #1373.**Date:** 2 July, no year.**Miscellaneous:** Originally identified as *Gayophytum hirtellum* Greene. ID det. by Dr. Greene. Repr. Status: Flr.**Annotations:** *Gayophytum racemosum* T. & G., det. Harlan Lewis 1962. / *Gayophytum humile* var. *hirtellum* Munz, Isotype, det. W.A. Weber 1974.**References:** Amer. J. Bot. 19:778. 1932.**Gayophytum intermedium Rydberg****Type Status: Isotype****Accession No:** 269513**Bar Code:** 368233**Proofed:** none.**Location:** Ouray County, Colorado, USA. Ouray.**Habitat:** none. 8400 ft.**Collector:** L.M. Underwood #193. With A.D. Selby.**Date:** 9 September 1901.**Miscellaneous:** Originally identified as *Gayophytum*. Repr. Status: Flr & Frt.**Annotations:** *Gayophytum intermedium* Rydberg, Isotype, det. Roland G. Hawk and Ronald L. Stuckey, 1971.**References:** Bull. Torrey Bot. Club 31:469. 1904.

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<b>Lopezia angustifolia Robinson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423093	<b>Bar Code:</b> 373837	<b>Proofed:</b> none.
<b>Location:</b> San Luis Potosi, Mexico. Las Canoas.		
<b>Habitat:</b> Limestone ledges.		
<b>Collector:</b> C.G. Pringle #3990.		
<b>Date:</b> 30 October 1891.		
<b>Miscellaneous:</b> 2-4 feet high; soft woody below. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 27:168. 1892.		
<b>Lopezia pringlei Rose</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 149338	<b>Bar Code:</b> 373845	<b>Proofed:</b> none.
<b>Location:</b> Oaxaca, Mexico. Sierra San Felipe.		
<b>Habitat:</b> none. 10000 ft.		
<b>Collector:</b> C.G. Pringle #6005.		
<b>Date:</b> 25 September 1894.		
<b>Miscellaneous:</b> Plantae Mexicanae. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Contr. U.S. Nat. Herb. 12:300. 1909.		
<b>Lopezia violacea Rose</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 148792	<b>Bar Code:</b> 373852	<b>Proofed:</b> none.
<b>Location:</b> Mexico, Mexico. Hills near Ozumba.		
<b>Habitat:</b> none. 8000 ft.		
<b>Collector:</b> C.G. Pringle #8713.		
<b>Date:</b> 8 November 1902.		
<b>Miscellaneous:</b> Plantae Mexicanae. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Contr. U.S. Nat. Herb. 12:301. 1909.		
<b>Lopezia violacea Rose</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 169512	<b>Bar Code:</b> 373860	<b>Proofed:</b> none.
<b>Location:</b> Mexico, Mexico. Hills near Ozumba.		
<b>Habitat:</b> none. 8000 ft.		
<b>Collector:</b> C.G. Pringle #8713.		
<b>Date:</b> 8 November 1902.		
<b>Miscellaneous:</b> Plantae Mexicanae. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Contr. U.S. Nat. Herb. 12:301. 1909.		

**Oenothera cardiophylla ssp. robusta P.H. Raven** **Type Status: Isotype****Accession No:** 29236 **Bar Code:** 386987 **Proofed:** none.**Location:** Inyo County, California, USA. Jail Canyon, W. slope Panamint Range.**Habitat:** Rocky canyon slopes. 2500 ft.**Collector:** Percy Train #sn.**Date:** 14 April 1937.**Miscellaneous:** Originally identified as *Oenothera cardiophylla* Torrey. Repr. Status: Flr & Frt.**Annotations:** *Oenothera cardiophylla* ssp. *robusta*, Isotype, det. Peter H. Raven 1960.**References:** Univ. Calif. Publ. Bot. 34:79. 1962.**Oenothera cavernae Munz** **Type Status: Isotype****Accession No:** 161535 **Bar Code:** 386995 **Proofed:** none.**Location:** Clark County, Nevada, USA. Gypsum Cave, Frenchman Mt., near Las Vegas.**Habitat:** High rocky slope. 1500 ft.**Collector:** P.A. Munz #16376.**Date:** 8 April 1940.**Miscellaneous:** Flowers white. Repr. Status: Flr & Frt.**Annotations:** *Oenothera cavernae* Munz, Isotype, det. Warren L. Wagner 1980.**References:** Leaf. W. Bot. 3:50. 1941.**Oenothera deltooides ssp. eurekaensis Munz & J.C. Roos** **Type Status: Isotype?****Accession No:** 91528 **Bar Code:** 387001 **Proofed:** none.**Location:** Inyo County, California, USA. Southeast part of Eureka Valley, east of Inyo Mts.**Habitat:** Deep sand of dunes. 3100 ft.**Collector:** P.A. Munz #20158. With J.C. Roos.**Date:** 19 September 1954.**Miscellaneous:** Perennial with deep fleshy roots; flowers white. Repr. Status: Frt.**Annotations:** none.**References:** Aliso 3:118. 1955.**Oenothera kleinii W.L. Wagner & S. W. Mill** **Type Status: Isotype****Accession No:** 382740 **Bar Code:** 387019 **Proofed:** none.**Location:** Mineral County, Colorado, USA. Below Wolf Creek Pass on Hwy. 160; 5.4 mi N of Archuleta County line.**Habitat:** none.**Collector:** Warren L. Wagner #4531.**Date:** 18 September 1981.**Miscellaneous:** Flowers white fading pink; sweet fragrance. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Syst. Bot. 9:50. 1984.

**Onagra macbrideae A. Nelson****Type Status: Isotype****Accession No:** 332595      **Bar Code:** 387092      **Proofed:** none.**Location:** Owyhee County, Idaho, USA. Twilight Gulch.**Habitat:** Steep open moist places in grasses, etc. 5500 ft.**Collector:** J. Francis Macbride #473.**Date:** 27 July 1910.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Bot. Gaz. 52:269. 1911.**Phaeostoma mildredae A. Heller****Type Status: Isotype****Accession No:** 405819      **Bar Code:** 405282      **Proofed:** none.**Location:** Butte County, California, USA. 2 miles west of Arch Rock Tunnel.**Habitat:** Plentiful in coarse granite sand on steep slope; Transition Life Zone.**Collector:** A.A. Heller #15153.**Date:** 2 July 1938.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** = *Clarkia mildredae* (Heller) Lewis & Lewis.**References:** Leaflet. W. Bot. 2:221. 1940.**Family: Orchidaceae****Chrysocynis glumaceum L. Williams****Type Status: Isotype****Accession No:** 422316      **Bar Code:** 356832      **Proofed:** none.**Location:** Loja, Ecuador. Chinche; between San Pedro and Zaruma.**Habitat:** none. 2000 m.**Collector:** C. William Penland #1169. With Robert H. Summers.**Date:** 30 July 1939.**Miscellaneous:** Epiphytic; stems stiff; sepals yellow, russet; 2 petals browner; rostellum yellowish green; labellum grayish brown; capsule winged; rostellum straight & heavy at base. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Lilloa 5:182. 1940.**Corallorhiza corallorhiza ssp. coloradensis Cockerell****Type Status: ?****Accession No:** 55140      **Bar Code:** 357814      **Proofed:** none.**Location:** Larimer County, Colorado, USA. Longs Peak Inn.**Habitat:** none.**Collector:** Cockerell #sn.**Date:** none.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Torreyia 16:230. 1916.



**Cranichis thysanochila Rob. & Greenm.****Type Status: Isotype****Accession No:** 422695**Bar Code:** 359158**Proofed:** none.**Location:** Oaxaca, Mexico. Las Hoyas Canyon.**Habitat:** Calcareous banks. 4500 ft.**Collector:** C.G. Pringle #6023.**Date:** 2 November 1894.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = Pseudocranichis thysanochila (Rob. & Greenm.) Garay.**References:** Proc. Amer. Acad. 32:35. 1896.**Epidendrum penlandii L. Wms.****Type Status: Isotype****Accession No:** 422284**Bar Code:** 363176**Proofed:** none.**Location:** Imbabura, Ecuador. Island in Lake Cuicocha.**Habitat:** none. 3100 m.**Collector:** C. William Penland #756. With Robert H. Summers.**Date:** 29 May 1939.**Miscellaneous:** Epiphytic; lvs thick, dark green above, bronze beneath; sepals pinkish-white; lateral petals narrow, white; labellum white w/ yellowish center, slightly fringed; rostellum pale pastel green. Gift from Colorado College. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Bot. Museum Leaflet. Harvard Univ. 9:9. 1940.**Epidendrum rhombochilum L. Wms.****Type Status: Isotype****Accession No:** 279281**Bar Code:** 363184**Proofed:** none.**Location:** Tungurahua, Ecuador. Paramo of Minza.**Habitat:** Terrestrial. 3800 m.**Collector:** C. William Penland #376. With Robert H. Summers.**Date:** 9 April 1939.**Miscellaneous:** ID det. L.O. Wms. Repr. Status: Flr.**Annotations:** none.**References:** Bot. Museum Leaflet. Harvard Univ. 9:11-13. 1940.**Epidendrum rhombochilum L. Wms.****Type Status: Isotype****Accession No:** 422279**Bar Code:** 363192**Proofed:** none.**Location:** Tungurahua, Ecuador. Paramo of Minza.**Habitat:** Terrestrial. 3800 m.**Collector:** C. William Penland #376. With Robert H. Summers.**Date:** 9 April 1939.**Miscellaneous:** Fls. greenish-yellow, becoming yellower w/ age; labellum distinctly fleshy; lateral petals linear-spatulate, caducous. Gift from Colorado College. Repr. Status: Flr.**Annotations:** none.**References:** Bot. Museum Leaflet. Harvard Univ. 9:11-13. 1940.

**Epidendrum vesicicaule L. Wms.****Type Status: Isotype****Accession No:** 422276**Bar Code:** 363200**Proofed:** none.**Location:** Tungurahua, Ecuador. Between paramos Minza Chica and Minza Grande.**Habitat:** Edge of forest. Epiphytic. 3800 m.**Collector:** C. William Penland #333. With Robert H. Summers.**Date:** 5 April 1939.**Miscellaneous:** Whole fl pale transparent greenish; central part of labellum thick and whitish. ID det. by L.O. Wms. Gift from Colorado College. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Bot. Museum Leaflet. Harvard Univ. 9:13. 1940.**Epidendrum vesicicaule L. Wms.****Type Status: Isotype****Accession No:** 279282**Bar Code:** 363218**Proofed:** none.**Location:** Tungurahua, Ecuador. Between paramos Minza Chica and Minza Grande.**Habitat:** Edge of forest. Epiphytic. 3800 m.**Collector:** C. William Penland #333. With Robert H. Summers.**Date:** 5 April 1939.**Miscellaneous:** ID det. by L.O. Wms. Repr. Status: Flr.**Annotations:** none.**References:** Bot. Museum Leaflet. Harvard Univ. 9:13. 1940.**Habenaria filifera S. Watson****Type Status: Isotype****Accession No:** 422687**Bar Code:** 369611**Proofed:** none.**Location:** Mexico, Mexico. Flor de Maria.**Habitat:** Moist grassy slopes.**Collector:** C.G. Pringle #3187.**Date:** 31 July 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 26:154. 1891.**Habenaria pringlei Robinson****Type Status: Isotype****Accession No:** 422692**Bar Code:** 369629**Proofed:** none.**Location:** San Luis Potosi, Mexico. Las Canoas.**Habitat:** Bogs.**Collector:** C.G. Pringle #3823.**Date:** 7 August 1891.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 27:184. 1892.

**Habenaria schaffneri S. Watson****Type Status: Isotype****Accession No:** 422691**Bar Code:** 369637**Proofed:** none.**Location:** Chihuahua, Mexico. Sierra Madre.**Habitat:** Coll, damp soil under pines.**Collector:** C.G. Pringle #1375a.**Date:** 16 September 1887.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 23:283. 1888.**Habenaria subauriculata Rob. & Greenm.****Type Status: Isotype****Accession No:** 422690**Bar Code:** 369645**Proofed:** none.**Location:** Oaxaca, Mexico. Las Sedas.**Habitat:** Grassy slopes. 6000 ft.**Collector:** C.G. Pringle #4830.**Date:** August 1894.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Habenaria entomantha* var. *subauriculata* (Rob. & Greenm.) Ames & Williams.**References:** Proc. Amer. Acad. 32:34. 1896.**Lepanthes echinocarpa L.O. Wms.****Type Status: Isotype****Accession No:** 279264**Bar Code:** 372086**Proofed:** none.**Location:** Bolivar, Ecuador. Simiatug: Hacienda Talahua.**Habitat:** none. 2600 m.**Collector:** C. William Penland #611. With Robert H. Summers.**Date:** 2 May 1939.**Miscellaneous:** ID det. L.O. Williams. Repr. Status: Frt.**Annotations:** *Lepanthes echinocarpa* L.O. Wms., det. C.H. Dodson 1992. / *Salpistele dielsii* (Munf.) Luer, det. C.A. Luer 1992.**References:** Bot. Mus. Leaf. Harvard Univ. 9:1. 1940.**Lepanthes lancipetala L.O. Wms.****Type Status: Isotype****Accession No:** 279275**Bar Code:** 372094**Proofed:** none.**Location:** Imbabura, Ecuador. Lake Cuicocha.**Habitat:** none. 3300 m.**Collector:** C. William Penland #835. With Robert H. Summers.**Date:** 2 June 1939.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Bot. Mus. Leaf. Harvard Univ. 9:3-4. 1940.

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<b>Masdevallia summersii L. Williams</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422254	<b>Bar Code:</b> 378109	<b>Proofed:</b> none.
<b>Location:</b> Imbabura, Ecuador. Lake Cuicocha.		
<b>Habitat:</b> none. 3300 m.		
<b>Collector:</b> C. William Penland #837. With Robert H. Summers.		
<b>Date:</b> 2 June 1939.		
<b>Miscellaneous:</b> ID det. L.O. Williams. Epiphytic: lvs thick, medium dark green, somewhat shining above; sepals translucent and glistening by transmitted light (under glass the markings are brilliant violet-purple); labellum slightly deeper purple, inner thickened marg... Repr. Status: Flr & Frt.		
<b>Annotations:</b> Dryadella summersii (L.O. Wms.) Luer, det. C.H. Dodson 1992.		
<b>References:</b> Bot. Mus. Harvard Bot. Lflt. 9:5-7. 1940.		
<b>Masdevallia summersii L. Williams</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 279273	<b>Bar Code:</b> 378091	<b>Proofed:</b> none.
<b>Location:</b> Imbabura, Ecuador. Lake Cuicocha.		
<b>Habitat:</b> none. 3300 m.		
<b>Collector:</b> C. William Penland #837. With Robert H. Summers.		
<b>Date:</b> 2 June 1939.		
<b>Miscellaneous:</b> ID det. L.O. Williams. Repr. Status: Flr & Frt.		
<b>Annotations:</b> Dryadella summersii (L.O. Wms.) Luer, det. C.H. Dodson 1992.		
<b>References:</b> Bot. Mus. Harvard Bot. Lflt. 9:5-7. 1940.		
<b>Microstylis elegantula Schltr. in Fedde</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 149405	<b>Bar Code:</b> 378232	<b>Proofed:</b> none.
<b>Location:</b> Morelos, Mexico. Mountain canyon above Cuernavaca.		
<b>Habitat:</b> Mountain canyon. 6500 ft.		
<b>Collector:</b> C.G. Pringle #8953.		
<b>Date:</b> 21 July 1904..		
<b>Miscellaneous:</b> Plantae Mexicanae. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Repert. Spec. Nov. Regni Veg. 3:17. 1906.		
<b>Microstylis streptopetala Rob. &amp; Greenm.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422676	<b>Bar Code:</b> 378240	<b>Proofed:</b> none.
<b>Location:</b> Oaxaca, Mexico. Sierra de San Felipe.		
<b>Habitat:</b> Dry pine ridges, 9-10,000 ft.		
<b>Collector:</b> C.G. Pringle #4808.		
<b>Date:</b> 30 July 1894.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> = Malaxis streptopetala (Rob. & Greenm.) Ames.		
<b>References:</b> Proc. Amer. Acad. 32:36. 1896.		

**Microstylis tenuis S. Watson****Type Status: Isotype****Accession No:** 422707**Bar Code:** 378257**Proofed:** none.**Location:** Mexico, Mexico. Flor de Maria.**Habitat:** Low meadows.**Collector:** C.G. Pringle #3186.**Date:** 27 July 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Malaxis tenuis* (Wats.) Ames.**References:** Proc. Amer. Acad. 26:152. 1891.**Platanthera tescamnis Sheviak & Jennings****Type Status: Isotype****Accession No:** 539768**Bar Code:** 963629**Proofed:** none.**Location:** Wayne County, Utah, USA. Northeast of Bicknell. TRS: T28S R4E SEC30.**Habitat:** Moist seeping slope, slump, and edge of stream in sandstone canyon. Pinyon-juniper zone with scattered *Pinus ponderosa* and *Pseudotsuga*. In full sun to dense shade of *Betula occidentalis* and *Populus angustifolia*. 7400 ft.**Collector:** C.J. Sheviak #6200. With W.F. Jennings.**Date:** 29 June 1998.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Rhodora: 108. 19-31. 2006.**Pogonia mexicana S. Watson****Type Status: Isotype****Accession No:** 507763**Bar Code:** 405688**Proofed:** none.**Location:** San Luis Potosi, Mexico. Tamasopo Canyon.**Habitat:** In rich mold of limestone ledges.**Collector:** C.G. Pringle #3787.**Date:** 17 July 1891.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Triphora mexicana* (Wats.) Schlechter.**References:** Proc. Amer. Acad. 26:154.**Spiranthes aurantiaca var. acuminata B. L. Rob. & Seaton****Type Status: Isotype****Accession No:** 422673**Bar Code:** 408054**Proofed:** none.**Location:** Mexico, Mexico. Valley of Toluca.**Habitat:** Swells of low meadows.**Collector:** C.G. Pringle #4280.**Date:** 13 September 1892.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Stenorrhynchos aurantiacus acuminatus* (Rob. & Sea.) Conzatti.**References:** Proc. Amer. Acad. 28: 115. 1893.

**Spiranthes dendroneura Sheviak & Bye****Type Status: Isotype****Accession No:** 344205**Bar Code:** 408062**Proofed:** none.**Location:** Chihuahua, Mexico. Mnpo. de Urique. Sawarare, Napuchi region, northeast of Samachique, south of Barranca del Cobre.**Habitat:** In pine-oak forest. Scattered herbs in dry field with *Potentilla* and grasses. 2400 m.**Collector:** Robert A. Bye, Jr. #3944.**Date:** 2 June 1973.**Miscellaneous:** Lip yellow-green with pattern and corolla brown-tan with stripes. Ethnobotanical studies among the Tarahumara. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 32:368. 1980.**Spiranthes diluvialis Sheviak****Type Status: Isotype****Accession No:** 401493**Bar Code:** 408070**Proofed:** none.**Location:** Jefferson County, Colorado, USA. Along Clear Creek, just west of junct. rts. 6 & 58, Golden.**Habitat:** Mesic to wet alluvial meadows along creek; occasionally inundated during growing season.**Collector:** C.J. Sheviak #2257. With W. Jennings, L. Long, S. Smookler.**Date:** 17 July 1982.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 36: 11. 1984.**Spiranthes oaxacana B. L. Rob. & Greenm.****Type Status: Isotype****Accession No:** 422667**Bar Code:** 408088**Proofed:** none.**Location:** Oaxaca, Mexico. Hills above San Felipe.**Habitat:** none. 6000 ft.**Collector:** C.G. Pringle #6101.**Date:** 31 December 1894.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Sarcoglottis oaxacana* (Rob. & Greenm.) Conzatti.**References:** Proc. Amer. Acad. 32: 34. 1896.**Family: Palmae****Chamaedorea pringlei S. Watson****Type Status: Isotype****Accession No:** 424424**Bar Code:** 356766**Proofed:** none.**Location:** San Luis Potosi, Mexico. Tamasopo Canyon.**Habitat:** Shaded limestone ledges.**Collector:** C.G. Pringle #3737.**Date:** June-July 1891.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 26:157. 1891.

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<b>Family: Papaveraceae</b>		
<b>Argemone corymbosa ssp. arenicola G.B. Ownbey</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 118505	<b>Bar Code:</b> 347955	<b>Proofed:</b> none.
<b>Location:</b> Emery County, Utah, USA. 37.9 mi. s.w. of Green River on road to Hanksville.		
<b>Habitat:</b> Confined to reddish-rust colored sand dune areas.		
<b>Collector:</b> Gerald B. Ownbey #2146. With Findley Ownbey.		
<b>Date:</b> 7 June 1954.		
<b>Miscellaneous:</b> Stems 1-10, 3-6 dm tall, green or rarely tinged with pink; lvs. green below, green to pale glaucous above; stamens 100-120; stigma yellowish-green; sap bright orange; perennial. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> none.		
<b>Bocconia arborea S. Watson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 424313	<b>Bar Code:</b> 352146	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Mountains near Lake Chapala.		
<b>Habitat:</b> Rich canyons.		
<b>Collector:</b> C.G. Pringle #2445.		
<b>Date:</b> 17 December 1889.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. A tree 25 feet high with corky cracked bark. Repr. Status: Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 25:141. 1890.		
<b>Bocconia latisejala S. Watson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 424311	<b>Bar Code:</b> 352153	<b>Proofed:</b> none.
<b>Location:</b> Nuevo Leon, Mexico. Canyons of the Sierra Madre near Monterey.		
<b>Habitat:</b> Rich shaded canyons.		
<b>Collector:</b> C.G. Pringle #1907.		
<b>Date:</b> 3 July 1888.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. A tree 25 feet high with corky cracked bark. Repr. Status: Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 25:141. 1890.		

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Family: Pinaceae		

**Pinus californiarum D.K. Bailey** **Type Status: Holotype?**

**Accession No:** 23759      **Bar Code:** 405589      **Proofed:** none.  
**Location:** San Diego County, California, USA. Anza-Borrego Desert State Park, Vallecito Mountains, 2.5 km northwest of summit of Whale Peak. 33° 03' N Lat. 116° 20' W Long.  
**Habitat:** Open pinyon-juniper woodland. 1280 m.  
**Collector:** D.K. Bailey #81-08.  
**Date:** 27 March 1981.

**Miscellaneous:** none.  
**Annotations:** none.  
**References:** Notes Roy. Bot. Gard. Edinburgh 44:278. 1987.

**Pinus cembroides ssp. orizabensis D.K. Bailey** **Type Status: Isotype**

**Accession No:** 405780      **Bar Code:** 405597      **Proofed:** none.  
**Location:** Puebla, Mexico. Mpio. Soltepec. Along highway Mex. 140, ca. 10 km southwest of San Salvador el Seco. 19° 04' N Lat. 97° 42' W Long.  
**Habitat:** Open woodland on well-drained volcanic soil; associated with *Pinus pseudostrobus* var. *oxacana*, *Juniperus deppeana*, *Stevia*, *Mimosa*, *Tillandsia*, etc. 2370 m.  
**Collector:** D.K. Bailey #83-01.  
**Date:** 23 February 1983.

**Miscellaneous:** none.  
**Annotations:** none.  
**References:** Phytologia 54:89. 1983.

**Pinus longaeva D.K. Bailey** **Type Status: Holotype**

**Accession No:** 247988      **Bar Code:** 405605      **Proofed:** none.  
**Location:** White Pine County, Nevada, USA. Snake Range, Wheeler Peak Scenic Area, Humboldt National Forest. 39° 00' N Lat. 114° 18' W Long.  
**Habitat:** Substrate coarse quartzite boulders. 3200 m.  
**Collector:** D.K. Bailey #7001. With J.E. Whitson.  
**Date:** 20 June 1970.

**Miscellaneous:** Note attached to sheet: "D.K. Bailey's index to the specimens of pines which he investigated during his studies into *P. longaeva* are in storage box 10."  
**Annotations:** none.  
**References:** Ann. Missouri Bot. Gard. 57:243. 1970.



Family: Piperaceae
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**Piper jaliscanum S. Watson****Type Status: Isotype****Accession No:** 424420      **Bar Code:** 405613      **Proofed:** none.**Location:** Jalisco, Mexico. Near Guadalajara.**Habitat:** Wet canyon.**Collector:** C.G. Pringle #3871.**Date:** 1 October 1891.**Miscellaneous:** 15 feet high. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 26:145. 1891.

Family: Plantaginaceae
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**Plantago subnuda Pilger****Type Status: Isotype****Accession No:** 73502      **Bar Code:** 405647      **Proofed:** none.**Location:** Monterey County, California, USA. Pacific Grove.**Habitat:** In pine woods.**Collector:** A.A. Heller #6764.**Date:** 22 May 1903.**Miscellaneous:** Originally identified as *Plantago hirtella* H.B.K. Repr. Status: Flr.**Annotations:** *Plantago hirtella* var. *galeottiana* (Decne.) Pilger, det. R.S. Ferris 1950.**References:** Notizbl. Konigl. Bot. Gart. Berlin 5:260. 1912.

Family: Poaceae
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**Achnatherum wallowaensis Maze & Robson****Type Status: Isotype****Accession No:** 456754      **Bar Code:** 339663      **Proofed:** none.**Location:** Wallowa County, Oregon, USA. Near Boner Gulch along Forest Service Road 46, Wallowa-Whitman National Forest, ca. 34 km N of Enterprise. TRS: T3N R45E SEC24 SW¼ of SE¼.**Habitat:** Plants growing in shallow rocky soil w/ *Bromus tectorum*, *B. japonicus*, *Blepharipappus scaber*, *Epilobium* sp., *Poa sandbergi*, *Danthonia intermedia*. . . 1279 m.**Collector:** J. Maze #1007. With E. Maze, K.A. Robson, T. Henn.**Date:** 26 June 1993.**Miscellaneous:** Name on label spelled *A. wallowensis*. Repr. Status: Frt.**Annotations:** none.**References:** Madroño 43:401. 1996.

**Andropogon niveus Swallen****Type Status: Isotype****Accession No:** 198073      **Bar Code:** 342436      **Proofed:** none.**Location:** Florida, USA. Fifteen miles south of Kissimee.**Habitat:** In high sandy land.**Collector:** W.A. Silveus #6684.**Date:** 21 October 1940.**Miscellaneous:** ID ver. or det. by Agnes Chase or J.R. Swallen. Repr. Status: Frt.**Annotations:** none.**References:** J. Wash. Acad. Sci. 31:354. 1941.**Aristida lanuginosa Scribner****Type Status: Isotype****Accession No:** 423808      **Bar Code:** 347971      **Proofed:** none.**Location:** Jalisco, Mexico. Hills near Guadalajara.**Habitat:** none.**Collector:** C.G. Pringle #2375.**Date:** 28 October 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** = *Aristida scribnerianum* Hitchcock.**References:** Contr. U.S. Nat. Herb. 17:278. 1913.**Bealia mexicana Scribner****Type Status: Isotype****Accession No:** 423939      **Bar Code:** 351007      **Proofed:** none.**Location:** Chihuahua, Mexico.**Habitat:** Thin soil of dry porphyry mountains.**Collector:** C.G. Pringle #819.**Date:** October 1886.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. "See Peterson, P.M. 1989. A reevaluation of *Bealia mexicana*. Madrono 36:260-265. Now a monotypic genus!" Repr. Status: Frt.**Annotations:** *Muhlenbergia biloba* Hitchcock, det. C.W.T. Penland 1957. (See Madrono 13:244-252. 1956).**References:** Beal, Grasses N. Amer. 2:267. 1896.**Brachypodium pringlei Scribner ex Beal****Type Status: Isotype****Accession No:** 423768      **Bar Code:** 352203      **Proofed:** none.**Location:** Nuevo Leon, Mexico. Sierra Madre near Monterey.**Habitat:** Moist banks.**Collector:** C.G. Pringle #2525.**Date:** 15 June 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** none.**References:** Grasses N. Amer. 2:627. 1896.

<b>Calamagrostis purpurascens ssp. tasuensis Calder &amp; Taylor</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 231770	<b>Bar Code:</b> 352328	<b>Proofed:</b> none.
<b>Location:</b> British Columbia, Canada. Queen Charlotte Islands. About 20 miles south of Moresby Logging Camp. 52° 55' N Lat. 132° 03' W Long.		
<b>Habitat:</b> Occasional and scattered on cliff ledges and at base of cliffs above treeline.		
<b>Collector:</b> J.A. Calder #23126. With D.B.O. Savile, R.L. Taylor.		
<b>Date:</b> 29 July - 2 August 1957.		
<b>Miscellaneous:</b> Voucher specimen cited in Flora of the Queen Charlotte Islands. I. Systematics of the Vascular Plants, by James A. Calder and Roy L. Taylor. Repr. Status: Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Can. J. Bot. 43:1388. 1965.		
<b>Danthonia mexicana Scribner</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423986	<b>Bar Code:</b> 361287	<b>Proofed:</b> none.
<b>Location:</b> Coahuila, Mexico. Carneros Pass.		
<b>Habitat:</b> Limestone ledges.		
<b>Collector:</b> C.G. Pringle #3279.		
<b>Date:</b> 20 September 1890.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> = Metcalfia mexicana Conert.		
<b>References:</b> Proc. Acad. Nat. Sci. Phila. 1891:301.		
<b>Deschampsia pringlei Scribner</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423985	<b>Bar Code:</b> 362764	<b>Proofed:</b> none.
<b>Location:</b> Chihuahua, Mexico. Base of Sierra Madre.		
<b>Habitat:</b> Wet places, pine plains.		
<b>Collector:</b> C.G. Pringle #1429.		
<b>Date:</b> 9 October 1887.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> = Peyritschia pringlei S.D. Koch.		
<b>References:</b> Proc. Acad. Nat. Sci. Phila. 1891:300.		
<b>Deyeuxia pringlei Beal</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423993	<b>Bar Code:</b> 362848	<b>Proofed:</b> none.
<b>Location:</b> Chihuahua, Mexico. Sierra Madre.		
<b>Habitat:</b> none. 9000 ft.		
<b>Collector:</b> C.G. Pringle #1422.		
<b>Date:</b> 1 October 1887.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> Calamagrostis sp.?, det. C.W. T. Penland 1947.		
<b>References:</b> Grasses N. Amer. 2:345. 1896.		

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<b>Elymus ambiguus var. salmonis C.L. Hitchcock</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 174927	<b>Bar Code:</b> 363135	<b>Proofed:</b> none.
<b>Location:</b> Custer County, Idaho, USA. 9 mi. s. of Challis, along e. side of Salmon River.		
<b>Habitat:</b> Shale cliffs.		
<b>Collector:</b> C.L. Hitchcock #22305. With C.V. Muhlick.		
<b>Date:</b> 31 May 1962.		
<b>Miscellaneous:</b> Plants abundant, strongly bunch (no rhizomes), uniform, without pubescence on the lemma; anthers 5 mm long. Repr. Status: Flr.		
<b>Annotations:</b> Elymus salmonis (C.L. Hitchcock) Jensen, ined., det. Earl R. Jensen, Jr. 1972.		
<b>References:</b> Vasc. Pl. PNW 1:558. 1969.		
<b>Elymus edentatus Suksdorf</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 286472	<b>Bar Code:</b> 363143	<b>Proofed:</b> none.
<b>Location:</b> Klickitat County, Washington, USA. Bingen.		
<b>Habitat:</b> Open forest.		
<b>Collector:</b> Wilhelm Suksdorf #10057.		
<b>Date:</b> 6 & 25 June 1918.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> Elymus glaucus Buckl, det. R. Taylor 1964.		
<b>References:</b> Werdenda 1:4. 1923.		
<b>Eragrostis plumbea Scribn. ex Beal</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423973	<b>Bar Code:</b> 363259	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Plains of Guadalajara.		
<b>Habitat:</b> Wet soil, plains.		
<b>Collector:</b> C.G. Pringle #2311.		
<b>Date:</b> 1 October 1889.		
<b>Miscellaneous:</b> (Near E. bahiensis, Schult.) Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Grasses N. Amer. 2:484. 1896.		
<b>Eragrostis pusilla Scribn. ex Beal</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423968	<b>Bar Code:</b> 363242	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Near Guadalajara.		
<b>Habitat:</b> Dry rocky hills.		
<b>Collector:</b> C.G. Pringle #2327.		
<b>Date:</b> 28 October 1889.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> = Eragrostis scribneriana Hitchc.		
<b>References:</b> Grasses N. Amer. 2:481. 1896.		

***Festuca brachyphylla* ssp. *coloradensis*****Type Status:** Isotype**Accession No:** 158579**Bar Code:** 367987**Proofed:** none.**Location:** Summit County, Colorado, USA. Hoosier Ridge east of Hoosier Pass summit.**Habitat:** Occurring with *F. baffinensis* on dry tundra slopes. 12000 ft.**Collector:** Weber #11118. With Porsild, Holmen.**Date:** 18 August 1960.**Miscellaneous:** Originally identified as *Festuca brachyphylla* Schultes. Repr. Status: Flr.**Annotations:** *Festuca brachyphylla* Schult. & Schult., det. Signe Frederiksen 1979.**References:** Nord. J. Bot. 2:529. 1982.***Festuca burgundiana* Auquier & Kerguelen****Type Status:** Isotype**Accession No:** 322635**Bar Code:** 367995**Proofed:** none.**Location:** , France. Mercurey (France, dep. de la Saone-et-Loire), Bourgneuf-Val d'Or, le long de la N 78.**Habitat:** Pelouse de Xerobrometum.**Collector:** P. Auquier #1139. With W. Bellotte, E. Favaux.**Date:** 28 May 1972.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Lejeunia 89:63. 1977.***Festuca microstachys* var. *subappressa* Suksdorf****Type Status:** Isotype**Accession No:** 286464**Bar Code:** 368001**Proofed:** none.**Location:** Klickitat County, Washington, USA. Bingen.**Habitat:** Dry mountain-side.**Collector:** Wilhelm Suksdorf #6236.**Date:** 25 June 1908, 28 May, 13 June 1919.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Werdenda 1:2. 1923.***Hilaria cenchroides* var. *ciliatus* Scribn.****Type Status:** Isotype**Accession No:** 423956**Bar Code:** 369926**Proofed:** none.**Location:** Jalisco, Mexico. Valley of the Rio Grande de Santiago at Atequiza.**Habitat:** none.**Collector:** C.G. Pringle #3128.**Date:** 17 May 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = *Hilaria ciliata* Nash.**References:** Proc. Acad. Nat. Sci. Phila. 1891:293.

**Leptochloa mexicana** Scribner**Type Status:** Isotype**Accession No:** 423951**Bar Code:** 372417**Proofed:** none.**Location:** San Luis Potosi, Mexico. Tamasopo Canyon.**Habitat:** Limestone ledges.**Collector:** C.G. Pringle #3252.**Date:** 28 September 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Gouinia mexicana* Vasey.**References:** Proc. Acad. Nat. Sci. Phila. 1891:302.**Lycurus phleoides** var. **brevifolius** Scribn. ex Beal**Type Status:** Isotype**Accession No:** 423945**Bar Code:** 377333**Proofed:** none.**Location:** Jalisco, Mexico. Plains of Guadalajara.**Habitat:** none.**Collector:** C.G. Pringle #2470.**Date:** 23 October 1889.**Miscellaneous:** Originally identified as *Lycurus brevifolius* Scribn., "=680 Botteri, and 489 Palmer (1886)." Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Lycurus phalaroides* HBK, Nov. Gen. Sp. Pl. 1:142. 1816, fide Reeder, Phytologia 576:288. 1985.**References:** Grasses N. Amer. 2:271. 1896.**Melica mutica** var. **parviflora** Porter in Porter & J.M. Coulter**Type Status:** Isotype**Accession No:** 101492**Bar Code:** 378133**Proofed:** none.**Location:** Colorado, USA. Glen Eyrie.**Habitat:** none.**Collector:** Porter #sn.**Date:** 12 August 1873.**Miscellaneous:** Originally identified as *Melica porteri* Scribner. Repr. Status: Flr.**Annotations:** *Melica mutica* var. *parviflora* Porter in Porter & J.M. Coulter, Isotype; = *Melica porteri* Scribn.**References:** Syn. Fl. Colo. 149. 1874.**Muhlenbergia arizonica** Scribner**Type Status:** Isotype**Accession No:** 423935**Bar Code:** 378398**Proofed:** none.**Location:** Chihuahua, Mexico. Rocky hills near Chihuahua.**Habitat:** Thin dry soil, rocky hills.**Collector:** C.G. Pringle #402.**Date:** 16 September 1885.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Bull. Torrey Bot. Club 15:8. 1888.

**Muhlenbergia articulata Scribner****Type Status: Isotype****Accession No:** 423934**Bar Code:** 378406**Proofed:** none.**Location:** San Luis Potosi, Mexico. Cardenas.**Habitat:** Dry calcareous hills.**Collector:** C.G. Pringle #3913.**Date:** 16 October 1891.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Acad. Nat. Sci. Philadelphia 1891:298.**Muhlenbergia gracilis var. enervis Scribn. in Beal****Type Status: Isotype****Accession No:** 423908**Bar Code:** 378414**Proofed:** none.**Location:** Chihuahua, Mexico. Sierra Madre.**Habitat:** Dry ledges.**Collector:** C.G. Pringle #1413.**Date:** 7 October 1887.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = Muhlenbergia enervis Hitchc. / Muhlenbergia montana (Nutt.) Hitchc., det. C.W.T. Penland 1947.**References:** Grasses N. Amer. 2:242. 1896.**Muhlenbergia nebulosa Scribn. in Beal****Type Status: Isotype****Accession No:** 423918**Bar Code:** 378422**Proofed:** none.**Location:** Jalisco, Mexico. Hills near Guadalajara.**Habitat:** Wet places.**Collector:** C.G. Pringle #2366.**Date:** 5 November 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Grasses N. Amer. 2:247. 1896.**Muhlenbergia pringlei Scribn.****Type Status: Isotype****Accession No:** 423929**Bar Code:** 378430**Proofed:** none.**Location:** Chihuahua, Mexico. Sierra Madre.**Habitat:** Dry, shaded ledges.**Collector:** C.G. Pringle #1414.**Date:** 30 September 1887.**Miscellaneous:** = 394, coll. of 1885. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = Muhlenbergia sylvatica var. pringlei Scribn. / Muhlenbergia pauciflora, det. C.W.T. Penland 1947.**References:** Trans. N.Y. Acad. Sci. 14:25. 1894.

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<b>Muhlenbergia pulcherrima Scribn. ex Beal</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422940	<b>Bar Code:</b> 381426	<b>Proofed:</b> none.
<b>Location:</b> Chihuahua, Mexico. Sierra Madre.		
<b>Habitat:</b> Dry ledges of porphyry.		
<b>Collector:</b> C.G. Pringle #1416.		
<b>Date:</b> 30 September 1889.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Grasses N. Amer. 2:240. 1896.		
<b>Muhlenbergia pulcherrima Scribn. ex Beal</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423916	<b>Bar Code:</b> 381418	<b>Proofed:</b> none.
<b>Location:</b> Chihuahua, Mexico. Sierra Madre.		
<b>Habitat:</b> Dry ledges of porphyry.		
<b>Collector:</b> C.G. Pringle #1416.		
<b>Date:</b> 30 September 1889.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Grasses N. Amer. 2:240. 1896.		
<b>Oryzopsis pringlei Beal</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422425	<b>Bar Code:</b> 391276	<b>Proofed:</b> none.
<b>Location:</b> Chihuahua, Mexico. Sierra Madre.		
<b>Habitat:</b> Dry ledges. 8500 ft.		
<b>Collector:</b> C.G. Pringle #1410.		
<b>Date:</b> 5 October 1887.		
<b>Miscellaneous:</b> Originally identified as <i>Stipa pringlei</i> Scribner. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> = <i>Stipa pringlei</i> (Beal) Scribner; = <i>Piptochaetium pringlei</i> (Beal) Parodi.		
<b>References:</b> Bot. Gaz. 15:112. 1890.		
<b>Oryzopsis swallenii C.L. Hitchcock</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 210368	<b>Bar Code:</b> 391284	<b>Proofed:</b> none.
<b>Location:</b> Clark County, Idaho, USA. Open sagebrush slope n. of Birch Creek, 3 mi. n.w. of Blue Dome.		
<b>Habitat:</b> Open sagebrush slope on decomposed limestone, semi-barren gentle slope, with dwarfed sagebrush and very dwarfed <i>Oryzopsis hymenoides</i> ; 5600 ft.		
<b>Collector:</b> C.L. Hitchcock #23868.		
<b>Date:</b> 7 July 1965.		
<b>Miscellaneous:</b> Plants tufted, the herbarium specimens representing about 1/10 - 1/12 of the whole plant. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Brittonia 20:164. 1968.		



**Panicum vaseyanum Scribner in Beal****Type Status: Isotype****Accession No:** 422457**Bar Code:** 392621**Proofed:** none.**Location:** Chihuahua, Mexico. Base of Sierra Madre.**Habitat:** Wet places, pine plains.**Collector:** C.G. Pringle #1415.**Date:** 30 September 1887.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Grasses N. Amer. 2:140. 1896.**Panicum vaseyanum Scribner in Beal****Type Status: Isotype****Accession No:** 422456**Bar Code:** 392639**Proofed:** none.**Location:** Chihuahua, Mexico. Base of Sierra Madre.**Habitat:** Wet places, pine plains.**Collector:** C.G. Pringle #1415.**Date:** 30 September 1887.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Grasses N. Amer. 2:140. 1896.**Paspalum longicuspe Nash****Type Status: Isotype****Accession No:** 422441**Bar Code:** 392688**Proofed:** none.**Location:** Jalisco, Mexico. Near Guadalajara.**Habitat:** Floating in water.**Collector:** C.G. Pringle #3854.**Date:** 2 October 1891.**Miscellaneous:** Originally identified as *Paspalum pyramidale* Nees (*P. gracile*, Steud. in part.).  
Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** N. Amer. Flora 17:172. 1912.**Paspalum pittieri Hack. in Beal****Type Status: Isotype****Accession No:** 422445**Bar Code:** 392696**Proofed:** none.**Location:** Jalisco, Mexico. Hills near Guadalajara.**Habitat:** Wet places.**Collector:** C.G. Pringle #2359.**Date:** 19 October 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Paspalum clavuliferum* Wright, cited McVaugh, Fl. Novo-Gal.**References:** Grasses N. Amer. 2:88. 1896.

**Paspalum prostratum Scribn. & Merr.****Type Status: Isotype****Accession No:** 422451      **Bar Code:** 392704      **Proofed:** none.**Location:** Michoacan, Mexico. Lowlands near Patzcuaro.**Habitat:** none.**Collector:** C.G. Pringle #3343.**Date:** 9 November 1890.**Miscellaneous:** Originally identified as *Paspalum gracile* Rudge. *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Bull. Div. Agrostol., USDA 24:9. 1900.**Poa lettermani Vasey****Type Status: Holotype?****Accession No:** 101434      **Bar Code:** 405654      **Proofed:** none.**Location:** Clear Creek County, Colorado, USA. Gray's Peak.**Habitat:** none. 13000 ft.**Collector:** G.W. Letterman #sn.**Date:** 21 July 1886.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** U.S. Natl. Herb. Contr. 1:273. 1893.**Poa pattersoni Vasey****Type Status: Isotype****Accession No:** 100981      **Bar Code:** 405662      **Proofed:** none.**Location:** Clear Creek County, Colorado, USA. Top of Mt. McClellan, near Gray's Peak.**Habitat:** none.**Collector:** H.N. Patterson #154.**Date:** 19 August 1885.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** U.S. Natl. Herb. Contr. 1:275. 1893.**Pringleochloa stolonifera Scribner****Type Status: Isotype****Accession No:** 423773      **Bar Code:** 405985      **Proofed:** none.**Location:** Puebla, Mexico. Tehuacan.**Habitat:** Dry plains. 5500 ft.**Collector:** C.G. Pringle #6280.**Date:** November-December 1895.**Miscellaneous:** (*Atheropogon stolonifer* Fourn.?) *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Bot. Gaz. 21:138. 1896.

***Puccinellia bruggemanni* T.J. Sorenson****Type Status:** Paratype**Accession No:** 123605**Bar Code:** 406066**Proofed:** none.**Location:** Northwest Territories, Canada. Franklin District, Mould Bay, Prince Patrick Island.  
76° 17' N Lat. 118° 49' W Long.**Habitat:** Superficially dry sand slope, common.**Collector:** P.F. Bruggeman #482.**Date:** 10 August 1952.**Miscellaneous:** Caespitose. Repr. Status: Flr.**Annotations:** none.**References:** Natl. Mus. Canada Bull. 135:80. 1955.***Sporobolus macrospermus* Scribn. in Beal****Type Status:** Isotype**Accession No:** 422404**Bar Code:** 408096**Proofed:** none.**Location:** Jalisco, Mexico. Rocky hills near Guadalajara.**Habitat:** Rocky hills.**Collector:** C.G. Pringle #2447.**Date:** 29 October 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Grasses N. Amer. 2: 302. 1896.***Tripsacum dactyloides* var. *angustifolium* Scribner in Urbina****Type Status:** Isotype**Accession No:** 422461**Bar Code:** 410357**Proofed:** none.**Location:** San Luis Potosi, Mexico. Rocky hills, Las Canoas.**Habitat:** Rocky hills.**Collector:** C.G. Pringle #3811.**Date:** 14 August 1891.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Tripsacum lanceolatum* Rupr., cited by Hitchc. 1913.**References:** Cat. Pl. Mexic. 376. 1897.***Trisetum deyeuxioides* var. *pubescens* Scribner in Beal****Type Status:** Isotype**Accession No:** 422468**Bar Code:** 410365**Proofed:** none.**Location:** Michoacan, Mexico. Hills near Patzcuaro.**Habitat:** Dry hills.**Collector:** C.G. Pringle #3950.**Date:** 19 November 1891.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Grasses N. A 2: 374. 1896.

**Trisetum filifolium Scribner in Beal** **Type Status: Isotype****Accession No:** 423984 **Bar Code:** 410373 **Proofed:** none.**Location:** Chihuahua, Mexico. Cool slopes of the Sierra Madre.**Habitat:** Cool slopes. 9000 ft.**Collector:** C.G. Pringle #1431.**Date:** 3 October 1887.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Grasses N. A 2: 375. 1896.**Zeugites pittieri var. pringlei Hack.** **Type Status: Isotype****Accession No:** 422458 **Bar Code:** 413021 **Proofed:** none.**Location:** Jalisco, Mexico. Bluffs of Rio Grande de Santiago near Guadalajara.**Habitat:** Cool moist places, bluffs of river.**Collector:** C.G. Pringle #2322.**Date:** 12 October 1889.**Miscellaneous:** Originally identified as *Zeugites latifolia* Benth. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Oesterr. Bot. Z. 52: 373. 1902.**Family: Polemoniaceae****Collomia debilis var. ipomoea Payson** **Type Status: ?****Accession No:** 30233 **Bar Code:** 357798 **Proofed:** none.**Location:** Sublette County, Wyoming, USA. Gros Ventre Mountains, 15 miles northeast of Bondurant.**Habitat:** Limestone slides near timberline.**Collector:** Edwin B. Payson #3013. With Lois B. Payson.**Date:** 13 August 1922.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Univ. Wyo. Publ. Sci., Bot. 1:82. 1924.**Eriastrum brandegeae H. Mason** **Type Status: Isotype****Accession No:** 73784 **Bar Code:** 363267 **Proofed:** none.**Location:** Lake County, California, USA. Obsidian Ridge, southeast of Borax Lake.**Habitat:** none.**Collector:** H.L. Mason #12604.**Date:** 28 June 1945.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Madroño 8:88. 1945.

***Gilia cana* ssp. *speciformis* A.D. Grant & V.E. Grant****Type Status:** ?**Accession No:** 405822**Bar Code:** 368274**Proofed:** none.**Location:** San Bernadino County, California, USA. 7 miles east of Daggett, Newberry Mts.**Habitat:** Sandy wash.**Collector:** Philip A. Munz #7829. With D. Keck.**Date:** 6 April 1924.**Miscellaneous:** Originally identified as *Gilia latiflora* Gray. Repr. Status: Flr.**Annotations:** *Gilia cana* ssp. *speciformis*, det. Alva Grant 1958.**References:** Aliso 3:230. 1956.***Gilia capitata* ssp. *pacifica* V. Grant****Type Status:** Cotype**Accession No:** 405791**Bar Code:** 368282**Proofed:** none.**Location:** Mendocino County, California, USA. Ocean bluffs just south of mouth of Navarro River, by Highway 1.**Habitat:** Ocean bluffs.**Collector:** Verne Grant #8601. With Alva Grant.**Date:** 8 July 1948.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Aliso 2:305. 1950.***Gilia capitata* ssp. *pedemontana* V. Grant****Type Status:** Cotype**Accession No:** 405823**Bar Code:** 368290**Proofed:** none.**Location:** Calaveras County, California, USA. 1.4 miles south of North Fork of Calaveras River on highway 49.**Habitat:** West-facing slope near creek. 700 ft.**Collector:** Verne Grant #8498. With Alva Grant.**Date:** 11 May 1948.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Aliso 2:307. 1950.***Gilia densifolia* var. *mohavensis* Craig****Type Status:** Isotype**Accession No:** 405794**Bar Code:** 368308**Proofed:** none.**Location:** California, USA. Open desert between Rosamond and Mojave.**Habitat:** Open desert.**Collector:** T. Craig #1360.**Date:** 7 June 1928.**Miscellaneous:** Originally identified as *Gilia densifolia* var.? Flowers very pale lavender. Repr. Status: Flr.**Annotations:** *Gilia densifolia* Benth. var. *mohavensis*, Isotype, det. Thomas Craig 1933. / *Eriastrum densifolium* (Benth.) H.L. Mason ssp. *mohavense* (Craig) H.L. Mason, det. Keith Harrison 1959.**References:** Bull. Torr. Bot. Club 61:392. 1934.

***Gilia nyensis* Reveal****Type Status:** Isotype**Accession No:** 246699**Bar Code:** 368357**Proofed:** none.**Location:** Nye County, Nevada, USA. So. Forty-Mile drainage basin. 0.5 mi w. of Buckboard Mesa (Tippipah Spring) Rd on Area 30 Rd (rd to Cat Canyon, Timber Mtn.).**Habitat:** Common on sands; *Atriplex canescens* vegetation type. 4760 ft.**Collector:** J.L. Reveal #1048. With J.C. Beatley.**Date:** 29 May 1968.**Miscellaneous:** Corolla lobes magenta, drying blue. Flora of the US Atomic Energy Commission's Nevada Test Site and Vicinity. Repr. Status: Flr.**Annotations:** none.**References:** Bull. Torrey Bot. Club 96:480. 1969.***Gilia pringlei* A. Gray****Type Status:** Isotype**Accession No:** 423881**Bar Code:** 368365**Proofed:** none.**Location:** Chihuahua, Mexico. Mountains near Chihuahua.**Habitat:** none.**Collector:** C.G. Pringle #774.**Date:** September 1886.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Ipomopsis macombei* var. *pringlei* (Brand).**References:** Proc. Amer. Acad. 21:401. 1886.***Gilia sherman-hoytae* Craig****Type Status:** Isotype**Accession No:** 262821**Bar Code:** 368373**Proofed:** none.**Location:** Los Angeles County, California, USA. Desert 10 miles south of Muroc.**Habitat:** Sandy flats.**Collector:** P.A. Munz #12925. With T. Craig.**Date:** 13 May 1933.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Bull. Torrey Bot. Club 61:415. 1934.***Ipomopsis sancti-spiritus* Wilken & R.A. Fletcher****Type Status:** Isotype**Accession No:** 431779**Bar Code:** 371773**Proofed:** none.**Location:** San Miguel County, New Mexico, USA. Holy Ghost Canyon, 0.9 mi SE of confluence with Doctor Creek, 1.5 mi NW of confluence with Pecos River. TRS: T18N R12E Sec29.**Habitat:** On calcareous soil of steep SW exposure among *Pseudotsuga*, *Pinus ponderosa*, *Populus tremuloides* and scattered *Quercus gambelii*. 2560 m.**Collector:** D.H. Wilken #14645. With R. Fletcher.**Date:** 15 July 1986.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 40:48-49. 1988.

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<b>Phlox mesoleuca Greene</b>		<b>Type Status: Isotype?</b>
<b>Accession No:</b> 50354	<b>Bar Code:</b> 405332	<b>Proofed:</b> none.
<b>Location:</b> Sierra County, New Mexico, USA. Kingston; south end of the Black Range.		
<b>Habitat:</b> none. 6600 ft.		
<b>Collector:</b> O.B. Metcalfe #1272.		
<b>Date:</b> 29 August 1904.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Leaf. Bot. Observ. Crit. 1:152. 1905.		
<b>Phlox opalensis Dorn</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 454433	<b>Bar Code:</b> 405340	<b>Proofed:</b> none.
<b>Location:</b> Lincoln County, Wyoming, USA. Opal Bench 5 mi. NE of Opal. TRS: T21N R113W Sec9 SE¼ NE¼.		
<b>Habitat:</b> Rocky clay slopes with Sphaeromeria argentea, Poa, Atriplex. 6700 ft.		
<b>Collector:</b> R.Dorn #5048.		
<b>Date:</b> 19 May 1990.		
<b>Miscellaneous:</b> Corolla white. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Vasc. Pl. Wyo. ed. 2, 304. 1992.		
<b>Phlox patula A. Nelson</b>		<b>Type Status: Paratype</b>
<b>Accession No:</b> 507878	<b>Bar Code:</b> 429761	<b>Proofed:</b> none.
<b>Location:</b> Boulder County, Colorado, USA. Boulder.		
<b>Habitat:</b> Wooded slope. 1600 m.		
<b>Collector:</b> E. Bethel #4253. With I.W. Clokey.		
<b>Date:</b> 19 June 1921.		
<b>Miscellaneous:</b> Originally identified as Phlox depressa (E. Nels.) Rydb. Repr. Status: Flr.		
<b>Annotations:</b> Phlox patula A. Nels., from the type collection, det. A. Nelson 1924. / Paratype...this collection also mentioned in reference, det. N. Lederer 2000.		
<b>References:</b> Univ. Wyo. Publ. Bot. 1:48. 1924.		
<b>Phlox rigida Benth. in DC..</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 95177	<b>Bar Code:</b> 405357	<b>Proofed:</b> none.
<b>Location:</b> Florida, USA. Inter Tallahassee et St. Marks, et prope Aspalaga.		
<b>Habitat:</b> In pinetis.		
<b>Collector:</b> Rugel #sn.		
<b>Date:</b> May 1843.		
<b>Miscellaneous:</b> Note on sheet says this specimen not mentioned in publication. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Prodr. ix. 306. 1845.		

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<b>Polemonium archibaldae A. Nelson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 32826	<b>Bar Code:</b> 405696	<b>Proofed:</b> none.
<b>Location:</b> Colorado, USA. Berwind.		
<b>Habitat:</b> none.		
<b>Collector:</b> Jennie M. Archibald #A 220.		
<b>Date:</b> 1900.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Bot. Gaz. 31:397. 1901.		
<b>Polemonium confertum A. Gray</b>		<b>Type Status: Isotype?</b>
<b>Accession No:</b> 103069	<b>Bar Code:</b> 405704	<b>Proofed:</b> none.
<b>Location:</b> Colorado, USA. Rocky Mt. Alpine Flora, Lat. 39° - 41°.		
<b>Habitat:</b> none.		
<b>Collector:</b> E. Hall #sn. With J.P. Harbour.		
<b>Date:</b> 1862.		
<b>Miscellaneous:</b> Note on sheet: "[H. & H. 450 & 451] cited in Porter & Coulter, p. 108, [Flora of Colorado]." Repr. Status: Flr.		
<b>Annotations:</b> Polemonium confertum Gray, Isotype, det. V. Grant 1988.		
<b>References:</b> Proc. Acad. Nat. Sci. Phila. 1863 (1864) 73.		
<b>Polemonium confertum var. mellitum A. Gray</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 30830	<b>Bar Code:</b> 405712	<b>Proofed:</b> none.
<b>Location:</b> Colorado, USA. Rocky Mt. Alpine Flora, Lat. 39° - 41°.		
<b>Habitat:</b> none.		
<b>Collector:</b> E. Hall #467. With J.P. Harbour.		
<b>Date:</b> 1862.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> P. brandegeei mellitum, det. E.J. W., no date. / Polemonium brandegei (Gray) Greene, det. Verne Grant 1988.		
<b>References:</b> Proc. Acad. Nat. Sci. Phila. 15:73. 1863.		
<b>Polemonium confertum var. mellitum A. Gray</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 30829	<b>Bar Code:</b> 405720	<b>Proofed:</b> none.
<b>Location:</b> Colorado, USA. Rocky Mt. Alpine Flora, Lat. 39° - 41°.		
<b>Habitat:</b> none.		
<b>Collector:</b> E. Hall #467. With J.P. Harbour.		
<b>Date:</b> 1862.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> P. brandegeei mellitum, det. E.J. W., no date. / Isotype of Polemonium confertum var. mellitum A. Gray, = Polemonium brandegei (Gray) Greene, det. Verne Grant 1988.		
<b>References:</b> Proc. Acad. Nat. Sci. Phila. 15:73. 1863.		



**Polemonium pauciflorum S. Watson****Type Status: Isotype****Accession No:** 423883**Bar Code:** 405738**Proofed:** none.**Location:** Chihuahua, Mexico. Ledges of Sierra Madre.**Habitat:** none. 9500 ft.**Collector:** C.G. Pringle #2011.**Date:** 29 September 1888.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 23:280. 1888.**Family: Polygalaceae****Polygala acicularis S. Watson****Type Status: Isotype****Accession No:** 423891**Bar Code:** 405753**Proofed:** none.**Location:** Chihuahua, Mexico. Santa Eulalia Mountains.**Habitat:** Shaded limestone ledges.**Collector:** C.G. Pringle #713.**Date:** 15 November 1886.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Polygala watsonii* Chodat.**References:** Proc. Amer. Acad. 21:445. 1886.**Polygala flabellata Shuttl. ex A. Gray****Type Status: ?****Accession No:** 95332**Bar Code:** 405761**Proofed:** none.**Location:** Florida, USA. Ins. Key West, Florida austr.**Habitat:** Ad oras sylvarum juxta mare.**Collector:** Rugel #37.**Date:** February 1846.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** = *Polygala grandiflora* A. St. Hil.**References:** Pl. Wright. i. 41.**Polygala michoacana B.L. Rob. & Sea.****Type Status: Isotype****Accession No:** 169508**Bar Code:** 405787**Proofed:** none.**Location:** Michoacan, Mexico. Hills of Patzcuaro.**Habitat:** Among pines.**Collector:** C.G. Pringle #4151.**Date:** 7 August 1892.**Miscellaneous:** Plantae Mexicanae. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 28:103. 1893.

**Polygala michoacana B.L. Rob. & Sea.****Type Status: Isotype****Accession No:** 423897**Bar Code:** 405779**Proofed:** none.**Location:** Michoacan, Mexico. Hills of Patzcuaro.**Habitat:** Among pines.**Collector:** C.G. Pringle #4151.**Date:** 7 August 1892.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 28:103. 1893.**Polygala puberula var. ovalis B.L. Rob. & Greenm.****Type Status: Isotype****Accession No:** 423895**Bar Code:** 405795**Proofed:** none.**Location:** Jalisco, Mexico. Hills near Guadalajara.**Habitat:** In damp hollows of hills.**Collector:** C.G. Pringle #4472.**Date:** 17 July 1893.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** = *Polygala robinsonii* Blake.**References:** Proc. Amer. Acad. 29:382. 1894.**Polygala subalata S. Watson****Type Status: Isotype****Accession No:** 423898**Bar Code:** 405803**Proofed:** none.**Location:** Mexico, Mexico. Flor de Maria.**Habitat:** Low ground.**Collector:** C.G. Pringle #3240.**Date:** 4 September 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 26:132. 1891.**Family: Polygonaceae****Chorizanthe staticoides var. latiloba Goodman****Type Status: Isotype****Accession No:** 31017**Bar Code:** 356808**Proofed:** none.**Location:** Los Angeles County, California, USA. Acton.**Habitat:** none.**Collector:** A.D.E. Elmer #3689.**Date:** June 1902.**Miscellaneous:** Originally identified as *Chorizanthe staticoides* Benth. Unsigned note on sheet says "Isotype, *C. staticoides* var. *latiloba* Goodman". Repr. Status: Frt.**Annotations:** *Chorizanthe staticoides* Benth., det. James L. Reveal 1987.**References:** Ann. Miss. Bot. Gard. 21:57. 1934.

**Dedeckera eurekensis Reveal & Howell****Type Status: Isotype****Accession No:** 339482**Bar Code:** 361311**Proofed:** none.**Location:** Inyo County, California, USA. Last Chance Range, along the jeep corridor between Saline Valley and Eureka Valley, about 3 airline miles southeast of Eureka Valley sand dunes and 3.5 airline miles northwest of Marble VABM 7559. TRS: T10S R40E.**Habitat:** On steep limestone, north-facing rocky slopes associated with Atriplex, Buddleja, Prunus and Eriogonum. 4000 ft.**Collector:** James Reveal #3909. With Mary C. & Paul W. DeDecker.**Date:** 29 July 1975.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 28:246-248. 1976.**Eriogonu saurinum Reveal****Type Status: Isotype****Accession No:** 222321**Bar Code:** 366591**Proofed:** none.**Location:** Uintah County, Utah, USA. Island Park Road, Brush Creek, 10 miles east of Vernal, along route to Island Park. TRS: T1N R22E Sec1.**Habitat:** Common on white shale outcrop. 5200 ft.**Collector:** Noel H. Holmgren #3019. With James L. Reveal.**Date:** 15 August 1966.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Great Basin Naturalist 27:196. 1968.**Eriogonum aliquantum Reveal****Type Status: Isotype****Accession No:** 379671**Bar Code:** 364034**Proofed:** none.**Location:** Colfax County, New Mexico, USA. 0.3 mile west of New Mexico Highway 21, on the Philmont Scout Ranch, eroded hills east of the irrigation ditch, near Cimarroncita Creek.**Habitat:** On low clay, eroded hills, associated with scattered shrubs. 6600 ft.**Collector:** James L. Reveal #2770. With Caroline G. Reveal.**Date:** 14 July 1972.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Phytologia 34:460-461. 1976.

**Eriogonum ammophilum Reveal****Type Status: Isotype****Accession No:** 250336**Bar Code:** 364042**Proofed:** none.**Location:** Millard County, Utah, USA. Confusion Range, Blind Valley, 41 airline miles northwest of Milford. TRS: T22S R14W Sec19.**Habitat:** Locally common in sandy soil. 5500 ft.**Collector:** Noel H. Holmgren #4650. With Patricia K. Holmgren.**Date:** 4 August 1970.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Phytologia 23:163. 1972.**Eriogonum apachense Reveal****Type Status: Isotype****Accession No:** 288217**Bar Code:** 409714**Proofed:** none.**Location:** Graham County, Arizona, USA. 11 miles northwest of Bylas along U.S. 70.**Habitat:** Growing in disturbed, white gypsum soil.**Collector:** Pinkava #13400. With Keil, Lehto.**Date:** 7 September 1968.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** J. Ariz. Acad. Sci., 5: 222. 1969.**Eriogonum apricum J.T. Howell****Type Status: Isotype****Accession No:** 230623**Bar Code:** 364059**Proofed:** none.**Location:** Amador County, California, USA. 2 miles north-northeast of Buena Vista.**Habitat:** Sterile slopes of lone sediments. 300 ft.**Collector:** John Thomas Howell #30000.**Date:** 8 June 1954.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** Eriogonum apricum J.T. Howell, Isotype, det. James L. Reveal 1971.**References:** Leaf. W. Bot. 7:237. 1955.**Eriogonum argophyllum Reveal****Type Status: Isotype****Accession No:** 250315**Bar Code:** 364067**Proofed:** none.**Location:** Elko County, Nevada, USA. Ruby Valley, Sulphur Hot Springs, Nev. 11, 16.8 miles southwest of junction with US 93. TRS: T31N R59E Sec11.**Habitat:** Common sandy washes with Senecio below springs. 6050 ft.**Collector:** Noel H. Holmgren #3661. With Patricia K. Holmgren.**Date:** 7 July 1969.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Phytologia 23:168. 1972.

**Eriogonum artificis** Reveal**Type Status:** Isotype**Accession No:** 505051**Bar Code:** 786186**Proofed:** none.

**Location:** Beaver County, Utah, USA. Lower slope of Squaw Peak, 1.3 air miles west of Squaw Peak and 3.4 air miles southwest of Frisco, 1.2 miles south of Utah Highway 21. TRS: T27S R13W SEC34 center. 38° 25' 11" N Lat. 113° 18' 00" W Long.

**Habitat:** Associated with Ephedra, Grayia and Juniperus. 5925 ft.

**Collector:** James L. Reveal #8328.

**Date:** 14 July 2001.

**Miscellaneous:** Spreading perennial to low subshrub 2-4.5 dm tall, 1-3 dm wide. Repr. Status: Flr.

**Annotations:** none.

**References:** ined.

**Eriogonum atrorubens** var. **nemorosum** W. J. Hess & Reveal**Type Status:** Isotype**Accession No:** 269210**Bar Code:** 417824**Proofed:** none.

**Location:** Durango, Mexico. Sierra Madre Occidental, along the dirt road from Hidalgo del Parral toward El Vergel out of San Francisco del Oro, about 60 miles west of Parral and 18.5 miles west of Ojito.

**Habitat:** Associated with Quercus reticulata, Pinus ponderosa and P. leiophylla, Arctostaphylos, Arbutus, and other shrubs, on rocky outcrops and in shade on the forest floor.

**Collector:** James L. Reveal #2737. With William J. Hess, Robert W. Kiger.

**Date:** 11 August 1971.

**Miscellaneous:** Originally identified as isotype of Eriogonum nemorosum Hess & Reveal. Repr. Status: Flr.

**Annotations:** Eriogonum atrorubens var. nemorosum W. J. Hess & Reveal, isotype, fide James L. Reveal, Sept. 2000.

**References:** Great Basin Naturalist 36: 302. 1976.

**Eriogonum baratum** Elmer**Type Status:** Isotype**Accession No:** 31096**Bar Code:** 364075**Proofed:** none.

**Location:** California, USA. Griffins.

**Habitat:** none.

**Collector:** A.D.E. Elmer #3593.

**Date:** July 1902.

**Miscellaneous:** none. Repr. Status: Flr.

**Annotations:** Isotype, Eriogonum baratum Elmer; a synonym of E. deflexum Torr. var. baratum (Elmer) Reveal, det. James L. Reveal 1971.

**References:** Bot. Gaz. 39:52. 1905.

**Eriogonum beatleyae** Reveal**Type Status:** Isotype**Accession No:** 269212**Bar Code:** 364083**Proofed:** none.

**Location:** Nye County, Nevada, USA. About 0.9 mile N of US Hwy 6, this road jct. being 5.3 mi. W of Salisbury Wash Rd. & about 31 mi. W of Warm Spgs. & about 18 mi. E of Tonopah, on a low, multicolored hill just E of the dirt road leading to the Silver Leaf Mine area.

**Habitat:** Associated with Atriplex and scattered Juniperus osteosperma. 6400 ft.

**Collector:** James L. Reveal #2498. With J.C. Beatley, N.H. & P.K. Holmgren, A.H. Reveal.

**Date:** 26 June 1971.

**Miscellaneous:** none. Repr. Status: Flr.

**Annotations:** Eriogonum rosense var. beatleyae (Reveal) Reveal, det. James L. Reveal 2004.

**References:** Aliso 7:415-417. 1972.

**Eriogonum bifurcatum** Reveal**Type Status:** Isotype**Accession No:** 269213**Bar Code:** 364091**Proofed:** none.

**Location:** Nye County, Nevada, USA. Pahrump Valley, 1 mi e. of Calif.-Nev. state line along Nev. Hwy 52. TRS: T24N R8E Sec23.

**Habitat:** none. 2525 ft.

**Collector:** J.L. Reveal #2283.

**Date:** 13 June 1970.

**Miscellaneous:** Involucres erect. Flora of U.S. Atomic Energy Commission's Nevada Test Site and Vicinity. Repr. Status: Flr.

**Annotations:** none.

**References:** Aliso 7:357. 1971.

**Eriogonum brevicaule** Nuttall var. **caelitum** Reveal**Type Status:** Isotype**Accession No:** 505036**Bar Code:** 786152**Proofed:** none.

**Location:** Sanpete County, Utah, USA. Wasatch Plateau north of Horseshoe Flat at the junction of Skyline Drive and road to Clay and Olsen benches, 6 miles north of Utah Highway 29, about 10.2 air miles east of Ephraim. TRS: T17S R5E SEC6 NE¼ of SE¼. 39° 22' 21" N Lat. 111° 23' 45" W Long.

**Habitat:** none. 10835 ft.

**Collector:** James L. Reveal #8352.

**Date:** 23 August 2001.

**Miscellaneous:** none. Repr. Status: Flr.

**Annotations:** none.

**References:** ined.

**Eriogonum capistratum** Reveal**Type Status:** Isotype**Accession No:** 379682**Bar Code:** 364117**Proofed:** none.**Location:** Custer County, Idaho, USA. Antelope Pass, upper end of Copper Basin, on a ridge southwest of the pass.**Habitat:** On rocky volcanic slopes associated with scattered Artemisia and grasses. 9000 ft.**Collector:** James L. Reveal #3876. With Barbara J. Ertter.**Date:** 11 July 1975.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Phytologia 66:254. 1989.**Eriogonum capistratum** var. **muhlickii** Reveal**Type Status:** Isotype**Accession No:** 288026**Bar Code:** 364125**Proofed:** none.**Location:** Ravalli County, Montana, USA. On the summit of St. Mary's Peak, 7 airline miles west of Stevensville, Bitterroot Range. TRS: T37N R21W Sec28.**Habitat:** Associated with Phlox, Dryas and Astragalus among rocks in the alpine tundra. 9300 ft.**Collector:** James L. Reveal #3814.**Date:** 22 August 1974.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Phytologia 66:256. 1989.**Eriogonum capistratum** var. **welshii** Reveal**Type Status:** Isotype**Accession No:** 379669**Bar Code:** 417816**Proofed:** none.**Location:** Custer County, Idaho, USA. Along the road from Ellis to Howe, 38 miles south of May and 46 miles north of Howe, 6 miles south of Summit Reservoir and 8.9 miles north of the Butte County line.**Habitat:** On windswept low ridges on gravelly clay barren flats associated with Artemisia and Atriplex. 6400 ft.**Collector:** James L. Reveal #4501. With Stanley L. Welsh.**Date:** 16 June 1976.**Miscellaneous:** Originally identified as isotype of *Eriogonum welshii* Reveal. Repr. Status: Flr.**Annotations:** *Eriogonum capistratum* var. *welshii* Reveal, isotype, fide James L. Reveal, Sept. 2000.**References:** Phytologia 66: 256. 1989.

**Eriogonum codium** Reveal, Caplow & K.A. Beck**Type Status:** Isotype**Accession No:** 505023**Bar Code:** 786160**Proofed:** none.

**Location:** Benton County, Washington, USA. U.S. Department of Energy's Hanford Site, west of Washington Highway 24 on the northern edge of Umtanum Ridge overlooking the Columbia River, 1 air mile south-southwest of Riverland and about 31.6 air miles northwest of Richmond. TRS: T13N R24E SEC13 S½. 46° 36' 30" N Lat. 119° 45' 18" W Long.

**Habitat:** Associated with scattered *Salvia*, *Atriplex* and adjacent *Artemisia*. 1100 ft.

**Collector:** James L. Reveal #7484. With Florence E. Caplow & Michael R. Sackschewsky.

**Date:** 27 June 1995.

**Miscellaneous:** none. Repr. Status: Flr.

**Annotations:** none.

**References:** *Rhodora* 97:350. 1997.

**Eriogonum concinnum** Reveal**Type Status:** Isotype**Accession No:** 246503**Bar Code:** 364133**Proofed:** none.

**Location:** Nye County, Nevada, USA. So. Forty-Mile drainage basin. Low volcanic outcrops along Buckboard Mesa (Tippipah Spg.) Rd., 0.5 mi no. of Area 30 turnoff (to Cat Canyon, Timber Mtn.).

**Habitat:** Locally common along base of low volcanic outcrops. 4900 ft.

**Collector:** J.L. Reveal #1501.

**Date:** 5 July 1968.

**Miscellaneous:** Flora of U.S. Atomic Energy Commission's Nevada Test Site and Vicinity. Repr. Status: Flr.

**Annotations:** none.

**References:** *Bull. Torrey Bot. Club* 96:476. 1969.

**Eriogonum correllii** Reveal**Type Status:** Isotype**Accession No:** 222285**Bar Code:** 364166**Proofed:** none.

**Location:** Armstrong County, Texas, USA. 15 miles south of Claude along Texas Hwy 284, on the upper breaks of Palo Duro Canyon on the Prairie Dogtown Fork of the Red River, about 200 m. to 400 m. west of the hwy. and about 5 to 25 m. down the slope.

**Habitat:** Associated with *Quercus* and *Juniperus*. 3500 ft.

**Collector:** James L. Reveal #878. With Gerrit Davidse.

**Date:** 23 August 1967.

**Miscellaneous:** none. Repr. Status: Flr.

**Annotations:** Isotype, *Eriogonum correllii* Reveal, det. James L. Reveal 1973.

**References:** *Sida* 3:198. 1968.



**Eriogonum corymbosum Benth. var. nilesii Reveal****Type Status: Isotype****Accession No:** 505053**Bar Code:** 786178**Proofed:** none.

**Location:** Clark County, Nevada, USA. Muddy Mountains, White Basin area, west of West Longwell Ridge, 4.2 airmiles northwest of Bitter Spring and 15.4 airmile southwest of Overton, 2.7 miles north of American Borax Road in an unnamed side wash. TRS: T18S R66½E SEC31 SE¼. 36° 20' 15" N Lat. 114° 33' 09" W Long.

**Habitat:** Wash, associated with Larrea, Ambrosia and Atriplex. 2140 ft.

**Collector:** James L. Reveal #8380.

**Date:** 4 October 2002.

**Miscellaneous:** none. Repr. Status: Flr.

**Annotations:** none.

**References:** ined.

**Eriogonum corymbosum var. davidsei****Type Status: Isotype****Accession No:** 222284**Bar Code:** 364182**Proofed:** none.

**Location:** Carbon County, Utah, USA. 0.7 miles south of US Highway 50-6 at Wellington, just across the Price River Bridge.

**Habitat:** On dark clay mounds, locally common.

**Collector:** James L. Reveal #956. With Gerrit Davidse.

**Date:** 9 September 1967.

**Miscellaneous:** none. Repr. Status: Flr.

**Annotations:** none.

**References:** Gr. Basin Naturalist 27:216. 1968.

**Eriogonum corymbosum var. erectum Reveal & Brotherson****Type Status: Isotype****Accession No:** 222326**Bar Code:** 364208**Proofed:** none.

**Location:** Wasatch County, Utah, USA. US 40, 33 miles west of Duchesne. TRS: T7S R10W Sec28.

**Habitat:** Exposed road bank. 7500 ft.

**Collector:** Noel H. Holmgren #3022. With James L. Reveal.

**Date:** 16 August 1966.

**Miscellaneous:** none. Repr. Status: Flr.

**Annotations:** Isotype, Eriogonum corymbosum Benth. in DC. var. erectum Reveal & Brotherson, det. James L. Reveal 1971.

**References:** Great Basin Naturalist 27:213. 1968.

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<b>Eriogonum corymbosum var. erectum</b> Reveal & Brotherson		<b>Type Status:</b> Isotype
<b>Accession No:</b> 114508	<b>Bar Code:</b> 364190	<b>Proofed:</b> none.
<b>Location:</b> Wasatch County, Utah, USA. US 40, 33 miles west of Duchesne. TRS: T7S R10W Sec28.		
<b>Habitat:</b> Exposed road bank. 7500 ft.		
<b>Collector:</b> Noel H. Holmgren #3022. With James L. Reveal.		
<b>Date:</b> 16 August 1966.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Great Basin Naturalist 27:213. 1968.		
<b>Eriogonum corymbosum var. heilii</b> Reveal		<b>Type Status:</b> Isotype
<b>Accession No:</b> 506425	<b>Bar Code:</b> 822502	<b>Proofed:</b> none.
<b>Location:</b> Wayne County, Utah, USA. Fishlake Nat. For., Thousand Lake Mts., head of Red Canyon 0.9 air mi WSW of Saddle Pass Spring and 0.9 air mi SE of Horse Pasture, 3.8 air mi ESE of Lyman and 2.9 air mi ENE of Bicknell. TRS: T28S R4E SEC18 NW¼ of NW¼. 38° 22' 45" N Lat. 111° 31' 21" W Long.		
<b>Habitat:</b> On shaly slopes of the Carmel Formation, assoc. w/ Pinus aristata, Heterotheca villosa, Theliosperma windhamii, Tetraneuris acaulis var. nana, Cercocarpus montanus, Phlox and Cirsium. 9100 ft.		
<b>Collector:</b> James L. Reveal #8543. With C. R. Broome, D.J. Clark, C.M. Groebner.		
<b>Date:</b> 1 September 2004.		
<b>Miscellaneous:</b> Voucher for molecular studies by Ann S. Lamb-Frye at Wake Forest University. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Phytologia 86:125. 2004.		
<b>Eriogonum corymbosum var. velutinum</b> Reveal		<b>Type Status:</b> Isotype
<b>Accession No:</b> 222283	<b>Bar Code:</b> 364232	<b>Proofed:</b> none.
<b>Location:</b> Socorro County, New Mexico, USA. 7.6 miles east of the junction of Interstate 25 and US Highway 380 near San Antonio along 380, at the base of a small ridge system.		
<b>Habitat:</b> In dark heavy soil associated with Larrea.		
<b>Collector:</b> James L. Reveal #919. With Gerrit Davidse.		
<b>Date:</b> 5 September 1967.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Great Basin Naturalist 27:224. 1968.		

**Eriogonum cronquistii** Reveal**Type Status:** Isotype**Accession No:** 222324**Bar Code:** 366120**Proofed:** none.**Location:** Garfield County, Utah, USA. Henry Mountains, Bull Mountain. TRS: T31S R11E Sec6.**Habitat:** Steep decomposed granite sandy west facing slope, pinon-juniper-Holodiscus community. 8300 ft.**Collector:** Noel H. Holmgren #3010. With James L. Reveal.**Date:** 14 August 1966.**Miscellaneous:** Main roots extending up slope from plant forming mats with age. Repr. Status: Flr.**Annotations:** none.**References:** Madroño 19:289. 1969.**Eriogonum crosbyae** Reveal**Type Status:** Isotype**Accession No:** 437819**Bar Code:** 366138**Proofed:** none.**Location:** Lake County, Oregon, USA. Piute Creek, approximately 22 miles east of Adel on Highway 140, 1.6 miles southwest of highway on county road to Coleman Valley. TRS: T40S R27E Sec30 NESE.**Habitat:** Growing on outcrops of tuffaceous sedimentary sandstone in association with *Artemisia tridentata*. 5460 ft.**Collector:** Virginia L. Crosby #2422.**Date:** 11 June 1980.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 33:442-443. 1981.**Eriogonum deflexum** var. **gilvum** S. Stokes**Type Status:** Isotype**Accession No:** 110760**Bar Code:** 366245**Proofed:** none.**Location:** Utah, USA. Antelope Island, Great Salt Lake.**Habitat:** none. 4300 ft.**Collector:** W.P. Cottam #6407.**Date:** 12 September 1935.**Miscellaneous:** Originally identified as *Eriogonum deflexum* Torr. Repr. Status: Flr & Frt.**Annotations:** *Eriogonum hookeri* S. Wats.; Isotype of *Eriogonum deflexum* Torr. var. *gilvum* S. Stokes, det. James L. Reveal 1971.**References:** *Eriogonum* 45:1936.**Eriogonum deflexum** var. **nevadense** Reveal**Type Status:** Isotype**Accession No:** 269209**Bar Code:** 366146**Proofed:** none.**Location:** Nye County, Nevada, USA. Near Lunar Crater, 4.2 miles south of U.S. Highway 6.**Habitat:** On gravelly volcanic soil associated with *Ceratoides* (=Eurotia). 5850 ft.**Collector:** James L. Reveal #2785. With Caroline G. Reveal.**Date:** 18 July 1972.**Miscellaneous:** Peduncles deflexed; tepals narrowly oblong. Repr. Status: Flr.**Annotations:** none.**References:** *Phytologia* 25:206. 1973.

**Eriogonum douglasii Benth. var. elkoense Reveal****Type Status: Isotype****Accession No:** 505042**Bar Code:** 786137**Proofed:** none.

**Location:** Elko County, Nevada, USA. Sunflower Flat, south side of U.S. Forest Service Road 930, 0.8 mile east of U.S. Forest Service Road 931 (McDonald Creek Road), 1.4 air miles east-southeast of Point of Rock and approximately 11 air miles southeast of Mountain City. TRS: T44N R55E SEC28 NE¼. 41° 46' 24" N Lat. 115° 46' 06" W Long.

**Habitat:** Associated with *Artemisia nova* and various grasses at 6550-6600 ft. elevation. 6575 ft.

**Collector:** James L. Reveal #8315.

**Date:** 30 June 2001.

**Miscellaneous:** none. Repr. Status: Flr.

**Annotations:** none.

**References:** ined.

**Eriogonum douglasii Benth. var. meridionale Reveal****Type Status: Isotype****Accession No:** 505040**Bar Code:** 786145**Proofed:** none.

**Location:** Plumas County, California, USA. Squaw Valley at the road junction of Forest Service roads 28N01 and 28N70 on flat W of highway, 11.9 miles NNW of Beckwourth. TRS: T25N R14E SEC27 NW¼ SW¼. 39° 59' 28" N Lat. 120° 24' 21" W Long.

**Habitat:** Associated with *Artemisia nova*, *Purshia tridentata* and *Eriogonum umbellatum* var. *nevadense*. 5600 ft.

**Collector:** James L. Reveal #8361.

**Date:** 25 June 2002.

**Miscellaneous:** none. Repr. Status: Flr.

**Annotations:** none.

**References:** ined.

**Eriogonum ephedroides Reveal****Type Status: Isotype****Accession No:** 222389**Bar Code:** 366161**Proofed:** none.

**Location:** Uintah County, Utah, USA. Utah 45, about 10 miles south of Bonanza. TRS: T10S R25E Sec20.

**Habitat:** Common sandy soil. 5600 ft.

**Collector:** Noel H. Holmgren #2265. With James L. Reveal, Charles LaFrance.

**Date:** 25 July 1965.

**Miscellaneous:** Originally identified as *Eriogonum brevicaule* Nutt. var. *leptothecum* (S. Stokes) Reveal, ined. Repr. Status: Flr.

**Annotations:** none.

**References:** Madroño 19:295. 1969.

**Eriogonum eremicum Reveal****Type Status: Isotype****Accession No:** 211505**Bar Code:** 366195**Proofed:** none.**Location:** Millard County, Utah, USA. Utah 21, 17 miles southeast of Garrison.**Habitat:** Common with scattered low sagebrush, Atriplex and *Oryzopsis hymenoides* in rocky soil.**Collector:** Noel H. Holmgren #2247. With James L. Reveal, Charles LaFrance.**Date:** 23 July 1965.**Miscellaneous:** Originally identified as *Eriogonum batemanni* M.E. Jones. Repr. Status: Flr.**Annotations:** *Eriogonum eremicum* Reveal, Isotype, det. James L. Reveal 1973.**References:** *Phytologia* 23:165. 1972.**Eriogonum eremicum Reveal****Type Status: Isotype****Accession No:** 222339**Bar Code:** 366187**Proofed:** none.**Location:** Millard County, Utah, USA. Utah 21, 17 miles southeast of Garrison.**Habitat:** Common with scattered low sagebrush, Atriplex and *Oryzopsis hymenoides* in rocky soil.**Collector:** Noel H. Holmgren #2247. With James L. Reveal, Charles LaFrance.**Date:** 23 July 1965.**Miscellaneous:** Originally identified as *Eriogonum batemanni* M.E. Jones. Repr. Status: Flr.**Annotations:** *Eriogonum eremicum* Reveal, Isotype, det. James L. Reveal 1973.**References:** *Phytologia* 23:165. 1972.**Eriogonum fimbriatum Hess & Reveal****Type Status: Isotype****Accession No:** 269227**Bar Code:** 366203**Proofed:** none.**Location:** Nuevo Leon, Mexico. Along Mexico Highway 57, 11 miles south of San Roberto Junction at the road junction with Nuevo Leon Highway 68, about 96 miles south of Saltillo.**Habitat:** On low limestone hills, associated with *Larrea*, *Acacia* and various grasses. 6000 ft.**Collector:** James L. Reveal #3144. With William J. Hess.**Date:** 19 September 1972.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** *Great Basin Naturalist* 36:308-310. 1976.**Eriogonum flavum Nutt. in Fraser var. aquilinum Reveal in Hult.****Type Status: Isotype****Accession No:** 529638**Bar Code:** 851337**Proofed:** none.**Location:** Alaska, USA. Mission Bluff, Eagle area.**Habitat:** On dry 35-degree slope of soil and ultrabasic talus. 1400 ft.**Collector:** Hansford T. Shacklette #6202.**Date:** 26 June 1960.**Miscellaneous:** Flowers yellow. Original ID: *Eriogonum ovalifolium* Nutt. Repr. Status: Flr.**Annotations:** *Eriogonum flavum* Nutt., det. H.T.S., no date. / Isotype: *Eriogonum flavum* Nutt. in Fraser var. *aquilinum* Reveal in Hult., det. James L. Reveal 1967. / *Eriogonum flavum* Nutt. in Fraser var. *aquilinum* Reveal in Hult., det. Stanley L. Welsh 1968.**References:** *Arkiv for Botanik (n.s.)* 7(1):46. 1968.

**Eriogonum holmgrenii** Reveal**Type Status:** Isotype**Accession No:** 114320**Bar Code:** 366229**Proofed:** none.**Location:** White Pine County, Nevada, USA. Snake Range, Humboldt National Forest, on ridge top above Johnson Lake on the west side of Pyramid Peak, south of Wheeler Peak.**Habitat:** On a wind swept rock (quartzite) ridge top, associated with Poa. Abundant. 11280 ft.**Collector:** Noel H. Holmgren #1576. With James L. Reveal.**Date:** 10 August 1964.**Miscellaneous:** Perennial, forming low depressed, caespitose mats; lvs glandular under tomentose; scape erect, glandular or glabrous; involucre membranous, glandular & tomentose, 5-6 lobed, capitate; perianth glabr. or gland., white w/ red midrib, varying pink to red.... Repr. Status: Flr.**Annotations:** none.**References:** Leafl. W. Bot. 10:184. 1965.**Eriogonum holmgrenii** Reveal**Type Status:** Isotype**Accession No:** 222287**Bar Code:** 366237**Proofed:** none.**Location:** White Pine County, Nevada, USA. Snake Range, Humboldt National Forest, on ridge top above Johnson Lake on the west side of Pyramid Peak, south of Wheeler Peak.**Habitat:** On a wind swept rock (quartzite) ridge top, associated with Poa. Abundant. 11280 ft.**Collector:** Noel H. Holmgren #1576. With James L. Reveal.**Date:** 10 August 1964.**Miscellaneous:** Perennial, forming low depressed, caespitose mats; lvs glandular under tomentose; scape erect, glandular or glabrous; involucre membranous, glandular & tomentose, 5-6 lobed, capitate; perianth glabr. or gland., white w/ red midrib, varying pink to red.... Repr. Status: Flr.**Annotations:** none.**References:** Leafl. W. Bot. 10:184. 1965.**Eriogonum howellianum** Reveal**Type Status:** Isotype**Accession No:** 211504**Bar Code:** 366260**Proofed:** none.**Location:** Millard County, Utah, USA. Utah 21, 17 miles southeast of Garrison.**Habitat:** Locally common with scattered low sagebrush, Atriplex and Oryzopsis hymenoides in rocky soil.**Collector:** Noel H. Holmgren #2248. With James L. Reveal, Charles LaFrance.**Date:** 23 July 1965.**Miscellaneous:** Originally identified as *Eriogonum glandulosum* (Nutt.) Nutt. var. *glandulosum*. Repr. Status: Flr.**Annotations:** *Eriogonum howellianum* Reveal, ined., Isotype, det. James L. Reveal 1971.**References:** Phytologia 25:204. 1973.

**Eriogonum humivagans Reveal****Type Status: Isotype****Accession No:** 222325**Bar Code:** 366286**Proofed:** none.**Location:** San Juan County, Utah, USA. US 160, 13.5 miles east of Monticello, knoll at an unnamed turnoff. TRS: T34S R26E.**Habitat:** Common on small loamy knoll. 6800 ft.**Collector:** Noel H. Holmgren #3001. With James L. Reveal.**Date:** 13 August 1966.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Madroño 19:291. 1969.**Eriogonum hylophilum Reveal & Brotherson****Type Status: Isotype****Accession No:** 222333**Bar Code:** 366302**Proofed:** none.**Location:** Duchesne County, Utah, USA. US 53 (Wellington-Myton road) Gate Canyon, 2.7 miles below summit of Bad Lands Cliffs. TRS: T11S R15E Sec20.**Habitat:** With sagebrush in pinon-juniper woodland. 6500 ft.**Collector:** Noel H. Holmgren #3017. With James L. Reveal.**Date:** 15 August 1966.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Great Basin Naturalist 27:190. 1968.**Eriogonum inflatum var. contiguum Reveal****Type Status: Isotype****Accession No:** 269218**Bar Code:** 366310**Proofed:** none.**Location:** Nye County, Nevada, USA. Large playa southeast of the junction of Nevada Highway 16 and U.S. Highway 95 along a dirt road to, and east of, Ash Meadows. TRS: T17S R51E Sec21.**Habitat:** Playa. 2250 ft.**Collector:** James L. Reveal #2157. With M. Eileen Matthews.**Date:** 3 June 1969.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Aliso 7:221. 1970.**Eriogonum intermontanum Reveal****Type Status: Isotype****Accession No:** 222338**Bar Code:** 366336**Proofed:** none.**Location:** Grand County, Utah, USA. About 1.5 miles south of Uintah Co. line, head of Middle Canyon of West Water Creek drainage in Roan Cliffs. TRS: T15½S R24E Sec33.**Habitat:** Common in heavily grazed barren area around a cow camp. 8400 ft.**Collector:** Noel H. Holmgren #2278. With James L. Reveal, Charles LaFrance.**Date:** 27 July 1965.**Miscellaneous:** Originally identified as *Eriogonum tristichum* Small. Repr. Status: Flr.**Annotations:** none.**References:** Madroño 19:293. 1969.

**Eriogonum jamesii var. rupicola Reveal****Type Status: Isotype****Accession No:** 269216**Bar Code:** 366344**Proofed:** none.**Location:** Washington County, Utah, USA. Zion National Park, along Utah Highway 15, 4.9 miles west of the eastern entrance of the Park, on Checkerboard Mesa.**Habitat:** In sandy soil ("blow sand") and in cracks of rocks. 5200 ft.**Collector:** James L. Reveal #2874. With Caroline G. Reveal.**Date:** 12 August 1972.**Miscellaneous:** Plants forming mats up to 6 dm across; flowers yellow. Repr. Status: Flr.**Annotations:** none.**References:** Phytologia 25:202. 1973.**Eriogonum leptocladon var. papiliunculi Reveal****Type Status: Isotype****Accession No:** 269222**Bar Code:** 366369**Proofed:** none.**Location:** Coconino County, Arizona, USA. Along paved road between Page and Kaibito, 2.3 miles south of the south edge of Page and 3 miles east of the main entrance to the Navajo Generating Station.**Habitat:** In deep red sand associated with Ephedra and Artemisia. 4200 ft.**Collector:** James L. Reveal #2906.**Date:** 17 August 1972.**Miscellaneous:** Large shrubs with glabrous stems and white flowers. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 26:92. 1974.**Eriogonum lewisii Reveal****Type Status: Isotype****Accession No:** 379668**Bar Code:** 366377**Proofed:** none.**Location:** Elko County, Nevada, USA. White Elephant Butte, south of Elk Mountain. TRS: T46N R61E Sec4.**Habitat:** On steep, open gravel slopes associated with Cercocarpus and Senecio. 8300 ft.**Collector:** James L. Reveal #4596. With Caroline G. Reveal.**Date:** 30 July 1976.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Great Basin Naturalist 45:277. 1985.



**Eriogonum luteolum var. saltuarium Reveal****Type Status: Isotype****Accession No:** 437811**Bar Code:** 366385**Proofed:** none.**Location:** Tuolumne County, California, USA. Sierra Nevada, Stanislaus National Forest, along California Highway 108, 0.5 mile east of Dardanelle, near the highway above the Middle Fork of the Stanislaus River. TRS: T6N R19E Sec30.**Habitat:** In deep granitic sandy soil, associated with Artemisia and various grasses under Pinus. 6200 ft.**Collector:** James L. Reveal #2814. With Caroline G. Reveal.**Date:** 28 July 1972.**Miscellaneous:** Flowers with rose-tinged tepals; involucre 2-2.5 mm long, turbinate. Repr. Status: Flr.**Annotations:** none.**References:** Phytologia 66:264. 1989.**Eriogonum meledonum Reveal****Type Status: Isotype****Accession No:** 288011**Bar Code:** 366393**Proofed:** none.**Location:** Custer County, Idaho, USA. Along U.S. Highway 93, 9 miles south-southeast of Stanley and 2 miles north of Obsidian.**Habitat:** On a steep, sandy-clay, rocky slope just east of the highway, associated with Artemisia. 6950 ft.**Collector:** James L. Reveal #3674.**Date:** 5 July 1974.**Miscellaneous:** Low matted perennial (0.5) 102 dm across; lvs grayish-tomentose; scape thinly tomentose; involucre membranaceous; flowers yellow, becoming rosy. Repr. Status: Flr.**Annotations:** none.**References:** Phytologia 66:254. 1989.**Eriogonum microthecum Nuttall var. schoolcraftii Reveal****Type Status: Isotype****Accession No:** 505050**Bar Code:** 786194**Proofed:** none.**Location:** Washoe County, Nevada, USA. Seven Lakes Mountain, 3.2 road miles W and a little N of main road to Dry Valley, just S of an ephemeral Lake. TRS: T24N R18E SEC27.**Habitat:** Growing with Juniperus, Artemisia tridentata on N facing moderate slopes with deep soils. 5675 ft.**Collector:** Arnold Tiehm #14053. With Jan Nachlinger.**Date:** 9 August 2002.**Miscellaneous:** Plants to 0.7m high, erect, stamens exserted, flowers yellow. Repr. Status: Flr.**Annotations:** Isotype, Eriogonum microthecum Nuttall var. schoolcraftii Reveal, ined., det. James L. Reveal, 2004.**References:** ined.

**Eriogonum microthecum var. corymbosoides Reveal****Type Status: Isotype****Accession No:** 269225**Bar Code:** 409722**Proofed:** none.**Location:** San Bernadino County, California, USA. San Bernadino Mountains, San Bernadino National Forest, Johnston Grade along California Highway 18, 0.8 miles below the summit northeast of Baldwin Lake.**Habitat:** On granitic soils under pinyon and Cercocarpus,**Collector:** James L. Reveal #2090.**Date:** 10 September 1968.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Brigham Young Univ. Sci. Bull., Biol., 13: 25. 1971.**Eriogonum microthecum var. lapidicola Reveal****Type Status: Isotype****Accession No:** 247259**Bar Code:** 366419**Proofed:** none.**Location:** Nye County, Nevada, USA. NW Yucca Flat drainage basin. So. Belted Range, no. end of Rainier Mesa at head of the Aquaduct, 0.5 mi no. of Rainier Mesa Rd.**Habitat:** Shallow rocky soil. 7400 ft.**Collector:** J.L. Reveal #1926. With N.H. Holmgren.**Date:** 25 August 1968.**Miscellaneous:** Pls. low, spreading, less than 3 dm high; fls. white to pink or rose. Repr. Status: Flr.**Annotations:** none.**References:** Brigham Young Univ. Sci. Bull., Biol. Ser. 13:28. 1971.**Eriogonum mitophyllum Reveal****Type Status: Isotype****Accession No:** 506424**Bar Code:** 822494**Proofed:** none.**Location:** Sevier County, Utah, USA. Along a dirt road on foothills east-southeast of Aurora, 1.3 mile west of Sage Flat Road, 1.1 mile west of Lost Creek, 1.6 air miles northwest of Carter Peak and 4.6 air miles southwest of Salina. TRS: T26S R13E SEC15 NW¼ of NE¼. 38° 53' 46" N Lat. 111° 53' 33" W Long.**Habitat:** On low ridges of Arapien Shale associated with Atriplex. 5350 ft.**Collector:** James L. Reveal #8548. With C. Rose Broome.**Date:** 1 September 2004.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Phytologia 86:140. 2004.

**Eriogonum mortonianum** Reveal**Type Status:** Isotype**Accession No:** 269224**Bar Code:** 366427**Proofed:** none.**Location:** Mohave County, Arizona, USA. Along Arizona Highway 389, 4.5 miles southwest of U.S. Highway 89A at Fredonia and about 9 miles east, northeast of Pipe Springs.**Habitat:** On red clay hills associated with *Eriogonum corymbosum* and *Atriplex*. 4650 ft.**Collector:** James L. Reveal #2904.**Date:** 16 August 1972.**Miscellaneous:** Erect shrubs 4-8 dm high and 0.5-1 m across; flowers yellow; growing with Reveal 2905. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 26:90. 1974.**Eriogonum nanum** Reveal**Type Status:** Isotype**Accession No:** 211425**Bar Code:** 366443**Proofed:** none.**Location:** Box Elder County, Utah, USA. Slopes and outcrops south of Willard Peak, toward Ben Lomond Peak, on the ridge top and adjacent slopes southeast of the radio tower above the small reservoir.**Habitat:** Talus slopes and marble outcrops, associated with *Castilleja*, *Artemisia*, and *Pinus*. Common.**Collector:** James L. Reveal #665. With Noel H. Holmgren.**Date:** 31 August 1964.**Miscellaneous:** Originally identified as *Eriogonum chrysocephalum* A. Gray. Repr. Status: Flr.**Annotations:** *E. grayi* Reveal, ined. v. *nanum* Reveal, ined., det. J. L. Reveal 1971. / *E. nanum* Reveal, Isotype, acc. to Reveal 1973; *Phytologia* 25:194, det. N. Lederer, 2000. / *E. nanum* Reveal. / *E. brevicaule* v. *nanum* (Reveal) S.L. Welsh, det. J.L. Reveal 2004.**References:** *Phytologia* 25:194. 1973.**Eriogonum natum** Reveal**Type Status:** Isotype**Accession No:** 379672**Bar Code:** 366450**Proofed:** none.**Location:** Millard County, Utah, USA. Along U.S. Hwy 50-6, 46.2 mi. E of the Nevada State line and about 43 mi. W of Delta, on low, white clay, alkaline outcrops 50-300 m N of the hwy, about 0.2 mi. E of the dirt road junction of Antelope Spring & Black Hill Well w/ the Hwy NNW of Sevier Lk.**Habitat:** Low, white clay, alkaline outcrops, associated with *Atriplex*, *Salsola* and *Halogeton*.**Collector:** James L. Reveal #3924. With Mark L. Reveal.**Date:** 13 August 1975.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** *Great Basin Naturalist* 35:363-364. 1975.

**Eriogonum nudicaule ssp. ochroflorum S. Stokes****Type Status: Isotype****Accession No:** 97073**Bar Code:** 366468**Proofed:** none.**Location:** Utah, USA. Six-mile Cr.**Habitat:** In gravel. 6000 ft.**Collector:** Marcus E. Jones #5628.**Date:** 14 June 1894.**Miscellaneous:** Originally identified as *Eriogonum spathulatum* Gray. Repr. Status: Flr.**Annotations:** *Eriogonum spathulatum* A. Gray, Proc. Amer. Acad. 10:76. 1874; det. James L. Reveal 1966. / *Eriogonum nudicaule* (Torr.) Small ssp. *ochroflorum* S. Stokes, Isotype, Gen. Eriog. 83, 1936; det. James L. Reveal 1966.**References:** *Eriogonum* 83. 1936.**Eriogonum ochrocephalum var. alexanderae Reveal****Type Status: Isotype****Accession No:** 379681**Bar Code:** 366476**Proofed:** none.**Location:** Lyon County, Nevada, USA. Along Nevada Highway 3 in Wilson Canyon between Smith and Mason, 12.8 miles NE of Smith and 2.5 miles SW of the jct. of Nevada Hwy 3 and the Norydike Cutoff, on volcanic tuff hills south of the West Fork of the Walker River.**Habitat:** On volcanic tuff hills, associated with *Atriplex*. 4800 ft.**Collector:** James L. Reveal #4737. With C.R. Broome, M.J. Williams, C.M. Cagle, A.J. Tiehm.**Date:** 21 June 1978.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** *Great Basin Naturalist* 45:276. 1985.**Eriogonum ochrocephalum var. sceptrum Reveal****Type Status: Isotype****Accession No:** 288046**Bar Code:** 366484**Proofed:** none.**Location:** Owyhee County, Idaho, USA. Along Idaho Highway 51, 11 miles southwest of Bruneau.**Habitat:** On rolling clay hills associated with *Atriplex*. 2800 ft.**Collector:** James L. Reveal #3687.**Date:** 7 July 1974.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** *Eriogonum ochrocephalum* var. *calcareum* (S. Stokes) M.E. Peck, det. James L. Reveal 2004.**References:** *Phytologia* 66:252. 1989.

**Eriogonum ovalifolium var. pansum Reveal****Type Status: Isotype****Accession No:** 379643**Bar Code:** 366492**Proofed:** none.**Location:** Boise County, Idaho, USA. Along Idaho Highway 21, about 12.5 miles south of Lowman, near West Ford Creek at milepost 59.5.**Habitat:** On sandy-loam soil on wooded slopes associated with Pinus, Purshia, Artemisia, Kelloggia and Lupinus.**Collector:** James L. Reveal #3883. With Barbara J. Ertter.**Date:** 12 July 1975.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Phytologia 66:259. 1989.**Eriogonum ovalifolium var. williamsiae Reveal****Type Status: Isotype****Accession No:** 437818**Bar Code:** 366500**Proofed:** none.**Location:** Washoe County, Nevada, USA. Steamboat Springs. Near Hwy 395, 1 mi S of the intersection of it and Hwy 17.**Habitat:** Growing in tufa with Astragalus purshii var. tinctus, Erigeron aphanactis, Sarcobatus vermiculatus, Atriplex confertifolia and Chrysothamnus nauseosus. Locally abundant. 4500 ft.**Collector:** Margaret J. Williams #79-71. With Arnold Tiehm.**Date:** 7 June 1979.**Miscellaneous:** Largest mat was 19" in diameter. These plants were collected E of Hwy 395, it also grows on the other side of the hwy a little farther south. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 33:446. 1981.**Eriogonum pelinophilum Reveal****Type Status: Isotype****Accession No:** 269219**Bar Code:** 366518**Proofed:** none.**Location:** Delta County, Colorado, USA. Along Colo. Hwy 92, 8.6 mi. W of the western edge of Hotchkiss, 0.9 mi. E of the Red Mesa turnoff and 3.1 mi. W of Lazear, 11.5 mi. E of US Hwy 50 at Delta.**Habitat:** On clay rolling hills associated with scattered species of Atriplex and Eriogonum. 6400 ft.**Collector:** James L. Reveal #2780. With Caroline G. Reveal.**Date:** 16 July 1972.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Great Basin Naturalist 33:120. 1973.

**Eriogonum pharnaceoides var. cervinum Reveal****Type Status: Isotype****Accession No:** 288002**Bar Code:** 366526**Proofed:** none.**Location:** Washington County, Utah, USA. Foothills south of Pinto on the north slope of the Pine Valley Mountains.**Habitat:** In the pinyon-juniper-mountain brush community.**Collector:** N. Duane Atwood #5895. With Larry C. Higgins.**Date:** 18 August 1973.**Miscellaneous:** Flowers bright yellow. Repr. Status: Flr.**Annotations:** none.**References:** Great Basin Naturalist 34:246. 1974.**Eriogonum preclarum Reveal****Type Status: Isotype****Accession No:** 288007**Bar Code:** 366534**Proofed:** none.**Location:** Baja California, Mexico. Arroyo de las Casitas 1.5 miles above the mouth, Baja California Sur. 27° 30' N Lat. 114° 36' W Long.**Habitat:** Common in pebbly bed of arroyo. 50 m.**Collector:** Reid Moran #19964. With James L. Reveal.**Date:** 9 February 1973.**Miscellaneous:** Shrub to 5 dm high X 9 dm or 8 X 13 dm including inflorescences. Flowers white becoming red after anthesis. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 28:338-339. 1976.**Eriogonum prociduum Reveal****Type Status: Isotype****Accession No:** 269220**Bar Code:** 366542**Proofed:** none.**Location:** Lake County, Oregon, USA. Along dark, rocky lava slopes north of the North Canal, about 2 miles east of Drews Reservoir, 0.8 mile east of Jess Roberts ranch house, across Drews Creek north of US Forest Service Road 4017. TRS: T40S R18E Sec4.**Habitat:** Dark, rocky lava slopes, associated with scattered Artemisia and Juniperus. 4950 ft.**Collector:** James L. Reveal #2458.**Date:** 22 June 1971.**Miscellaneous:** Plants prostrate, forming mats; flowers yellow. Repr. Status: Flr.**Annotations:** none.**References:** Aliso 7:417-419. 1972.**Eriogonum reliquum Stokes****Type Status: Isotype****Accession No:** 51789**Bar Code:** 366559**Proofed:** none.**Location:** Clark County, Nevada, USA. Charleston Mts., Charleston Park.**Habitat:** Gravelly brushy wash. Yellow pine belt. 2270 m.**Collector:** I.W. Clokey #7491.**Date:** 9 August 1937.**Miscellaneous:** Originally identified as Eriogonum. Repr. Status: Flr.**Annotations:** Eriogonum reliquum Stokes, Isotype, det. S.G. Stokes 1937. / = Eriogonum panamintense Morton var. panamintense, det. James L. Reveal 1971.**References:** Leafl. W. Bot. 2:52. 1937.

**Eriogonum revealianum S.L. Welsh****Type Status: Isotype****Accession No:** 243913**Bar Code:** 366567**Proofed:** none.**Location:** Garfield County, Utah, USA. Near head of canyon at milepost 26, south of Antimony along highway 22.**Habitat:** Gravelly, boulder strewn, east facing slopes, in Artemisia community.**Collector:** S.L. Welsh #9389. With S.L. Welsh.**Date:** 4 September 1969.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** Eriogonum revealianum S.L. Welsh, Isotype; a synonym of Eriogonum corymbosum Benth. in DC. var. corymbosum, det. James L. Reveal 1971.**References:** Great Basin Naturalist 30:17. 1970.**Eriogonum rupinum Reveal****Type Status: Isotype****Accession No:** 269221**Bar Code:** 366575**Proofed:** none.**Location:** Nye County, Utah, USA. E. Cactus Flat drainage basin. Along wash of canyon below Rose Spring, Cedar Pass area, so. Kawich Range (ca 1 mi north of old Route 25 from Kawich Valley to Cactus Flat).**Habitat:** Common along wash of canyon. Vegetation type: Artemisia-Pinyon-Juniper. 7200 ft.**Collector:** J. Beatley #sn.**Date:** 9 August 1969.**Miscellaneous:** Calyces cream to white. Flora of the U.S. Atomic Energy Commission's Nevada Test Site and Vicinity. Duplicate 9458. ID det. by J.L. Reveal. Repr. Status: Flr.**Annotations:** none.**References:** Aliso 7:226. 1970.**Eriogonum scabrellum Reveal****Type Status: Isotype****Accession No:** 222286**Bar Code:** 366617**Proofed:** none.**Location:** Grand County, Utah, USA. 3 miles south of US Highway 50-6 on the dirt road to Westwater, this road junction being 6.8 miles west of the Utah-Colorado state line and about 17 miles northeast of Cisco.**Habitat:** Along the banks of a dry stream on heavy dark clay soil.**Collector:** James L. Reveal #949. With Gerrit Davidse.**Date:** 8 September 1967.**Miscellaneous:** n=20. Repr. Status: Flr.**Annotations:** none.**References:** Ann. Missouri Bot. Gard. 55:74. 1968.

**Eriogonum shockleyi var. packardae Reveal****Type Status: Isotype****Accession No:** 288048**Bar Code:** 366625**Proofed:** none.**Location:** Ada County, Idaho, USA. Along the rim of the Snake River Canyon above the upper sand dune of upper Halverson Lake, on the lava flats in the Bird of Prey Sanctuary on the north side of the Snake River southeast of Melba.**Habitat:** In "blow" areas on lava flats, associated with scattered Artemisia. 2500 ft.**Collector:** James L. Reveal #3686. With David H. Peter.**Date:** 7 July 1974.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Phytologia 66:257. 1989.**Eriogonum smithii Reveal****Type Status: Isotype****Accession No:** 222331**Bar Code:** 366641**Proofed:** none.**Location:** Emery County, Utah, USA. San Rafael Desert, east side of summit between Little Flat Top and Big Flat Top, 10 miles southeast on desert road from Utah 24 turnoff which is 1/2 miles south of Goblin Valley turnoff. TRS: T26S R13E Sec22.**Habitat:** Locally common on red seleniferous sand with Astragalus flava and Ephedra. 5500 ft.**Collector:** Noel H. Holmgren #3012. With James L. Reveal.**Date:** 14 August 1966.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Great Basin Naturalist 27:202. 1968.**Eriogonum sphaerocephalum Dougl. ex Benth.****Type Status: ?****Accession No:** 95162**Bar Code:** 368589**Proofed:** none.**Location:** Washington, USA. On islands and near the Priests Rapids in the Columbia.**Habitat:** On stony islands.**Collector:** D. Douglas #sn.**Date:** 1826.**Miscellaneous:** Specific epithet spelled "spharocephalum" on label, but "sphaerocephalum" in Kew Index. Repr. Status: Flr.**Annotations:** Eriogonum sphaerocephalum Dougl. ex Benth. var. sphaerocephalum, det. James L. Reveal 1971.**References:** Trans. Linn. Soc. Lond. 17:407. 1837.



**Eriogonum terratum** Reveal**Type Status:** Isotype**Accession No:** 505022**Bar Code:** 786210**Proofed:** none.

**Location:** Cochise County, Arizona, USA. San Pedro Riparian Natl. Conservation Area, on low eroded bluffs W of the San Pedro River, 0.4 air mi. NW of Boquillas (ruins) & 1.2 air mi. SW of Contention (ruins), ca. 4.1 air mi. NNW of Fairbank & Ariz. Hwy. 82, N of Presidio Santa Cruz de Terrenate. TRS: T19S R21E SEC17 SW¼ SE¼. 31° 46' 29" N Lat. 110° 13' 20" W Long.

**Habitat:** Associated with Larrea and other desert shrubs. 3860 ft.

**Collector:** James L. Reveal #8417. With J.L. Anderson, E. Makings & M.J. Whetstone.

**Date:** 20 October 2003.

**Miscellaneous:** none. Repr. Status: Flr.

**Annotations:** none.

**References:** ined.

**Eriogonum thompsonae** var. **albiflorum** Reveal**Type Status:** Isotype**Accession No:** 222322**Bar Code:** 366682**Proofed:** none.

**Location:** Washington County, Utah, USA. Utah 15, 3 miles west of Virgin. TRS: T41S R12W Sec19.

**Habitat:** Locally common on desert hills. 3700 ft.

**Collector:** Noel H. Holmgren #2991. With James L. Reveal.

**Date:** 11 August 1966.

**Miscellaneous:** Flowers white. Repr. Status: Flr.

**Annotations:** none.

**References:** Madroño 19:299. 1969.

**Eriogonum thompsonae** var. **atwoodii** Reveal**Type Status:** Isotype**Accession No:** 287992**Bar Code:** 366690**Proofed:** none.

**Location:** Mohave County, Arizona, USA. Along Arizona Highway 389, 4.3 miles west of the junction of US Highway 89A at Fredonia.

**Habitat:** On rolling clay hills associated with Atriplex, Ephedra, Stanleya and Eriogonum mortonianum. 4700 ft.

**Collector:** James L. Reveal #3211. With Caroline G. Reveal.

**Date:** 15 August 1973.

**Miscellaneous:** Low spreading plants; lvs. sparsely pubescent to rarely glabrous; fls. white; plants up to 2 dm high. Repr. Status: Flr.

**Annotations:** none.

**References:** Great Basin Naturalist 34:245. 1974.

**Eriogonum tiehmii** Reveal**Type Status:** Isotype**Accession No:** 505041**Bar Code:** 787077**Proofed:** none.**Location:** Esmeralda County, Nevada, USA. Silver Peak Range, north of the road from Silver Peak to Fish Lake Valley, 1.2 air miles north-northwest of Cave Springs. TRS: T1S R37E SEC27.**Habitat:** Plants growing on a light colored ash deposit which is compacted to form a shale. 6000 ft.**Collector:** Arnold Tiehm #8534. With James L. Reveal, Margaret Williams & Jack L. Reveal.**Date:** 31 May 1984.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Great Basin Naturalist 45:277. 1985.**Eriogonum trichopes var. hooveri** Reveal**Type Status:** Isotype**Accession No:** 437781**Bar Code:** 366708**Proofed:** none.**Location:** San Benito County, California, USA. Griswold Hills, along the New Idria Road near Griswold Creek, 6.4 miles southwest of Panoche Road and 3.7 miles north of the summit of the canyon (at Syncline Ranch).**Habitat:** On clay hills and roadcuts, associated with grasses. 1550 ft.**Collector:** James L. Reveal #4748.**Date:** 23 June 1978.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Phytologia 66: 262. 1989.**Eriogonum tristichum** Small**Type Status:** Isotype**Accession No:** 97023**Bar Code:** 366716**Proofed:** none.**Location:** Colorado, USA. S. Colorado. Rosa.**Habitat:** none. 6000 ft.**Collector:** F.C. Baker #286.**Date:** June 1899.**Miscellaneous:** Originally identified as *Eriogonum simpsoni* Benth. Repr. Status: Flr.**Annotations:** *Eriogonum lonchophyllum* Torr. & Gray, det. James L. Reveal 1969. / *Eriogonum tristichum* Small, Isotype, det. James L. Reveal 1971.**References:** Bull. Torrey Bot. Club 33:55. 1906.

**Eriogonum turneri** Reveal**Type Status:** Isotype**Accession No:** 269211**Bar Code:** 367516**Proofed:** none.**Location:** Nuevo Leon, Mexico. Along Mexico Highway 57, 15.5 miles south of San Roberto Junction and 2.3 miles north of El Refugio, 0.5 mile west of the highway.**Habitat:** On a small [raised] ridge of gypsum, associated with Atriplex, Isocoma and Oenothera. 5700 ft.**Collector:** James L. Reveal #3147. With William J. Hess.**Date:** 19 September 1972.**Miscellaneous:** Low compact perennial; flowers cream. Repr. Status: Flr.**Annotations:** none.**References:** Sida 5:265. 1974.**Eriogonum umbellatum ssp. stellatum var. subaridum** Stokes**Type Status:** Isotype**Accession No:** 71704**Bar Code:** 367581**Proofed:** none.**Location:** Clark County, Nevada, USA. Kyle Canyon, Charleston (Spring) Mountains.**Habitat:** Brushy hillside, juniper belt. 2200 m.**Collector:** I.W. Clokey #7492.**Date:** 17 July 1937.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Leaflet. W. Bot. 2:53. 1937.**Eriogonum umbellatum Torr. var. canifolium** Reveal**Type Status:** Isotype**Accession No:** 505043**Bar Code:** 787069**Proofed:** none.**Location:** Tulare County, California, USA. Along Sherman Pass Road, 0.4 mile above junction of Rattlesnake and Woodpecker trails, 3.5 miles east of Paloma Meadows and 9.2 miles east of Sherman Pass. TRS: T22S R34E SEC11 NE¼ of SW¼. 36° 01' 40" N Lat. 118° 16' 35" W Long.**Habitat:** On modified granitic soil with Artemisia, Purshia and conifers. 8400 ft.**Collector:** James L. Reveal #8342.**Date:** 16 July 2001.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** ined.

**Eriogonum umbellatum Torr. var. mohavense Reveal****Type Status: Isotype****Accession No:** 505038**Bar Code:** 787044**Proofed:** none.

**Location:** Mohave County, Arizona, USA. Dixie Corridor, northeast side of Wolf Hole Mountain 0.1 mi west of the summit of the road (Mohave County Road 5) from Bloomfield, Utah, to Wolf Hole, Arizona, southwest of Quail Hill, 0.6 mi east of the turnoff to Seegmiller Mountain. TRS: T40N R12W SEC34 NE¼ of SW¼. 36° 49' 29" N Lat. 113° 34' 19" W Long.

**Habitat:** In pinyon-juniper woodlands. 5100 ft.

**Collector:** James L. Reveal #8384.

**Date:** 21 May 2003.

**Miscellaneous:** none. Repr. Status: Flr.

**Annotations:** none.

**References:** ined.

**Eriogonum umbellatum Torr. var. nelsonii Reveal****Type Status: Isotype****Accession No:** 505037**Bar Code:** 787036**Proofed:** none.

**Location:** Humboldt County, California, USA. Along U.S. Forest Service Road 1 at south end of Whiting Ridge, about 0.5 air miles west-northwest of High Salt Ground and 9.3 air miles west of Hyampom. TRS: T3N R5W SEC20 NW¼ of SE¼. 40° 37' 36" N Lat. 123° 37' 50" W Long.

**Habitat:** On serpentine outcrops in an open grassland. 4250 ft.

**Collector:** James L. Reveal #8345.

**Date:** 18 July 2001.

**Miscellaneous:** none. Repr. Status: Flr.

**Annotations:** none.

**References:** ined.

**Eriogonum umbellatum Torr. var. ramulosum Reveal****Type Status: Isotype****Accession No:** 505039**Bar Code:** 787051**Proofed:** none.

**Location:** Jefferson County, Colorado, USA. Along U.S. Hwy 6 adjacent to I-70, 0.4 mi east of Exit 256 to Buffalo Bill's Grave, on steep slopes north of the highway. TRS: T4S R70W SEC18. 39° 42' 12" N Lat. 105° 14' 37" W Long.

**Habitat:** On sandy to gravelly soil associated with Artemisia and Rhus. 7100 ft.

**Collector:** James L. Reveal #7244.

**Date:** 25 July 1992.

**Miscellaneous:** none. Repr. Status: Flr.

**Annotations:** none.

**References:** ined.

**Eriogonum umbellatum var. chlorothamnus Reveal****Type Status: Isotype****Accession No:** 222323**Bar Code:** 367540**Proofed:** none.**Location:** Inyo County, California, USA. 4 miles south of Tom's Place, along dirt road. TRS: T5S R31E Sec6.**Habitat:** Sagebrush and ponderosa. 6900 ft.**Collector:** Noel H. Holmgren #2938. With James L. Reveal.**Date:** 23 July 1966.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** Eriogonum umbellatum Torr. var. chlorothamnus Reveal in Munz, det. James L. Reveal 1973.**References:** Calif. Fl. Suppl. 44. 1968.**Eriogonum umbellatum var. desereticum Reveal****Type Status: Isotype****Accession No:** 288019**Bar Code:** 367557**Proofed:** none.**Location:** Utah County, Utah, USA. Along the Timpooneke Road, 1 mile northwest of Utah Highway 80, near Timpooneke Campground, east of Mt. Timpanogos.**Habitat:** Associated with Quercus, Populus and Artemisia. 7600 ft.**Collector:** James L. Reveal #3702.**Date:** 10 July 1974.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Great Basin Naturalist 35:365-366. 1975.**Eriogonum umbellatum var. furcosum****Type Status: Isotype****Accession No:** 379670**Bar Code:** 367573**Proofed:** none.**Location:** El Dorado County, California, USA. Along California Highway 89, 2.2 miles south of US Highway 50, just east of the highway.**Habitat:** On sandy granitic soils associated with Artemisia, pinyon-juniper, and Arctostaphylos.**Collector:** James L. Reveal #3971.**Date:** 23 August 1975.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Great Basin Naturalist 45:278-279. 1985.

**Eriogonum umbellatum var. vernum Reveal****Type Status: Isotype****Accession No:** 246652**Bar Code:** 367607**Proofed:** none.**Location:** Nye County, Nevada, USA. Near Yucca/Forty-Mile Cyn. drainage divide on Buckboard Mesa Rd., 0.3 mi e. of divide and ca 2 mi w. of jnct. with Rd. 16-02, Tippipah Spg. area.**Habitat:** Common in soils derived from light-colored volcanic rocks; *Artemisia tridentata* vegetation type. 5450 ft.**Collector:** J.L. Reveal #1139.**Date:** 4 June 1968.**Miscellaneous:** Shrubs 0.5-0.9 m high, to 1.3 m across; fls light yellow or ochroleucous, some reddish in fr. Flora of the US Atomic Energy Commission's Nevada Test Site and Vicinity. Repr. Status: Flr.**Annotations:** none.**References:** Great Basin Naturalist 28:157. 1968.**Eriogonum ursinum S. Watson var. erubescens Reveal & J.D. Knorr****Type Status: Isotype****Accession No:** 505049**Bar Code:** 786202**Proofed:** none.**Location:** Siskiyou County, California, USA. Scott Bar Mountains, n and w slope and ridge of Deadwood Baldy Peak, Klamath National Forest. TRS: T45N R8W SEC6 SE¼ of SW¼ & SEC7 NW¼. 41° 46' 06" N Lat. 122° 49' 09"W Long.**Habitat:** On metasedimentary (chert) soils associated with *Ericameria nauseosa* var. *speciosa* and scattered *Pseudotsuga menziesii* at 1675-1725 m. elevation. 1700 m.**Collector:** James L. Reveal #8371. With Julie D. Knorr.**Date:** 5 August 2002.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** ined.**Eriogonum verrucosum Reveal****Type Status: Isotype****Accession No:** 288012**Bar Code:** 367615**Proofed:** none.**Location:** Custer County, Idaho, USA. On a low ridge and slopes west of the road up the East Fork of the Salmon River, 1.3 mile south of US Highway 93, about 6 miles of Clayton and about 20 miles southwest of Challis.**Habitat:** On steep clay slopes and ridges associated with *Artemisia*, *Atriplex* and *Phlox*. 5700 ft.**Collector:** James L. Reveal #3678.**Date:** 6 July 1974.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Phytologia 66. 253. 1989.

**Eriogonum viridulum** Reveal**Type Status:** Isotype**Accession No:** 211395**Bar Code:** 367631**Proofed:** none.**Location:** Duchesne County, Utah, USA. 8 miles east of Duchesne, along US 40.**Habitat:** On clayey banks associated with Atriplex and Artemisia. Common.**Collector:** James L. Reveal #675.**Date:** 2 September 1964.**Miscellaneous:** Originally identified as *Eriogonum brevicaule* Nutt. var. *brevicaule*. Repr. Status: Flr.**Annotations:** *Eriogonum viridulum* Reveal, Isotype, det. James L. Reveal 1971.**References:** Proc. Utah Acad. Sci. 42:287. 1966.**Eriogonum zapatoense** Moran**Type Status:** Isotype**Accession No:** 240108**Bar Code:** 367656**Proofed:** none.**Location:** , Mexico. Guadalupe Island. South and southwest inner slope of crater, Outer Islet. Seen to summit (200m).**Habitat:** none. 50 m.**Collector:** Reid Moran #15114.**Date:** 21 June 1968.**Miscellaneous:** Shrub 1-4 (-7) dm high, ½-2½ m wide. Branches commonly decumbent, reddish brown beneath the shaggy bark. Flowers light yellow. Repr. Status: Flr.**Annotations:** none.**References:** Trans. San Diego Mus. Nat. Hist. 15:268-269. 1969.**Johanneshowellia crateriorum** Reveal**Type Status:** Isotype**Accession No:** 505052**Bar Code:** 786129**Proofed:** none.**Location:** Nye County, Nevada, USA. Big Sand Springs Valley, along U.S. Highway 6, 8 miles southwest of Blackrock Summit, 2.2 miles SE of the turnoff to Lunar Crater. TRS: T7N R53E SEC16 NE¼ of SW¼. 38° 27' 54" N Lat. 116° 01'05" W Long.**Habitat:** On black pumice sandy soil in a "borrow pit". 5800 ft.**Collector:** James L. Reveal #8401. With Arlene H. Reveal.**Date:** 9 September 2003.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** ined.**Oxytheca parishii** var. *cienegensis* Ertter**Type Status:** Isotype**Accession No:** 437782**Bar Code:** 391318**Proofed:** none.**Location:** San Bernadino County, California, USA. San Bernadino Mountains, along California Highway 38 at milepost 35, 4.3 miles southwest of Onyx Summit and 1.5 mile east of Heart Bar State Park Campground turnoff.**Habitat:** On sandy granitic soil associated with pines and various shrubs. 7200 ft.**Collector:** James L. Reveal #4781. With Darin S. Reveal.**Date:** 14 July 1978.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 32:89. 1980.

**Polygonum emaciatum A. Nelson****Type Status: Isotype****Accession No:** 332597**Bar Code:** 405811**Proofed:** none.**Location:** Boise County, Idaho, USA. Sweet.**Habitat:** "Doby" [sic; adobe?] soil slopes.**Collector:** J. Francis Macbride #1692.**Date:** 14 August 1911.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Bot. Gaz. 54:138. 1912.**Polygonum heterosepalum M. Peck & Ownbey****Type Status: Isotype****Accession No:** 77144**Bar Code:** 405829**Proofed:** none.**Location:** Malheur County, Oregon, USA. 12 miles north of Jordan Valley.**Habitat:** Disturbed soil.**Collector:** Marion Ownbey #2774. With Gerald B. Ownbey.**Date:** 13 June 1946.**Miscellaneous:** Flowers greenish. Repr. Status: Flr.**Annotations:** none.**References:** Madroño 10:250. 1950.**Polygonum punctatum var. eciliatum Small****Type Status: Isotype****Accession No:** 423870**Bar Code:** 405837**Proofed:** none.**Location:** Mexico, Mexico. Valley of Toluca.**Habitat:** Wet places.**Collector:** C.G. Pringle #4213.**Date:** 24 August 1892.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Persicaria punctata* var. *eciliata* Small.**References:** Bull. Torrey Bot. Club 20:214. 1893.**Family: Polypodiaceae****Goniophlebium pringlei Maxon****Type Status: ?****Accession No:** 149685**Bar Code:** 368407**Proofed:** none.**Location:** Vera Cruz, Mexico. Near Jalapa.**Habitat:** On trees. 4000 ft.**Collector:** C.G. Pringle #11855.**Date:** 30 November 1903.**Miscellaneous:** Plantae Mexicanae.**Annotations:** none.**References:** Proc. U.S. Nat. Mus. 27:953. 1904.



**Polypodium erythrolepoides Weatherby****Type Status: Isotype****Accession No:** 422872**Bar Code:** 405845**Proofed:** none.**Location:** Chihuahua, Mexico. Portrero Peak.**Habitat:** Cold cliffs.**Collector:** C.G. Pringle #825.**Date:** 10 September 1886.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984.**Annotations:** = *Pleopeltis polylepis* var. *erythrolepoides* Wendt.**References:** Contr. Gray Herb. 65:11. 1922.**Polypodium saximontanum Windham****Type Status: Isotype****Accession No:** 499754**Bar Code:** 537423**Proofed:** none.**Location:** La Plata County, Colorado, USA. East side of Vallecito Creek ca. 2.15 km NNE of its confluence with Fall Creek. San Juan N.F. TRS: T37N R6W SEC4 SE¼ SW¼ SE¼.**Habitat:** Growing from cracks and crevices on W-facing gneissic cliff in mixed conifer/riparian community. 8240 ft.**Collector:** M.D. Windham #90-231. With M.E. Windham.**Date:** 25 June 1990.**Miscellaneous:** Vallecito Reservoir Quad (7.5').**Annotations:** none.**References:** Contr. Univ. Michigan Herb. 19:47. 1993.**Family: Portulacaceae****Claytonia cupulata Suksdorf****Type Status: Isotype****Accession No:** 393333**Bar Code:** 356949**Proofed:** none.**Location:** Klickitat County, Washington, USA. Bingen.**Habitat:** Dry ground.**Collector:** Wilhelm N. Suksdorf #10169.**Date:** 14 April 1919.**Miscellaneous:** Originally identified as *Claytonia perfoliata* var. *depressa* (Gray) v. Poellnitz. Repr. Status: Flr & Frt.**Annotations:** *Montia perfoliata* (Donn) Howell, det. [S.S.?] 1972. / Isotype of *Claytonia cupulata* Suksdorf, det. John M. Miller 1992.**References:** Werdenda 1:11. 1923.

**Claytonia lanceolata var. pacifica McNeill****Type Status: Isotype****Accession No:** 182902**Bar Code:** 356956**Proofed:** none.**Location:** British Columbia, Canada. Vancouver Island. Slope of Holden Hinde above Burman Lake. 49° 40' N Lat. 125° 45' W Long.**Habitat:** Locally common along margin of creek in subalpine area. 5000 ft.**Collector:** J.A. Calder #32497. With K.T. MacKay.**Date:** 15 August 1961.**Miscellaneous:** Originally identified as *Claytonia lanceolata* Pursh. Repr. Status: Flr.**Annotations:** Isotype of *Claytonia lanceolata* var. *pacifica* MacNeill, det. John M. Miller & Kenton L. Chambers 1993.**References:** Can. J. Bot. 50:1895-1898. 1972.**Family: Primulaceae****Androsace cinerascens Robins.****Type Status: Isotype****Accession No:** 423843**Bar Code:** 342444**Proofed:** none.**Location:** San Luis Potosi, Mexico. Hacienda de Angostura.**Habitat:** Alkaline plains.**Collector:** C.G. Pringle #3765.**Date:** 11 July 1891.**Miscellaneous:** *Plantae Mexicanae*. Gift to Herbarium COLO from Colorado College 1984. Repr. Status: Frt.**Annotations:** = *Samolus cinerascens* (Robins.) Pax & Knuth, det. G.T. Robbins 1941.**References:** Proc. Amer. Acad. 27:180. 1892.**Douglasia beringensis S. Kelso, Jurtzev & D.F. Murray****Type Status: Isotype****Accession No:** 457141**Bar Code:** 362947**Proofed:** none.**Location:** Alaska, USA. Seward Peninsula, Trail Creek Hills, ca. 44 km SW of Deering. Bendeleben Quad. 65° 48' 37" N Lat. 163° 23' 29" W Long.**Habitat:** Calcite marble outcrops. 350 m.**Collector:** D.F. Murray #10679. With B.A. Yurtsev, T. Kelso.**Date:** 12 July 1992.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Novon 4:381. 1994.**Primula anvilensis S. Kelso****Type Status: Isotype****Accession No:** 426876**Bar Code:** 405977**Proofed:** none.**Location:** Alaska, USA. Nome Quad.: Anvil Mt., 7 km north of Nome. Along Sunset Rd. near summit. 64° 30' N Lat. 165° 20' W Long.**Habitat:** Late snowbed. On carbonate bedrock. 300 m.**Collector:** S. Kelso #83-136.**Date:** 16 July 1983.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Syst. Bot. 12: 10. 1987

Family: Rafflesiaceae
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**Apodanthes pringlei S. Watson****Type Status: Isotype****Accession No:** 424411      **Bar Code:** 342543      **Proofed:** none.**Location:** Nuevo Leon, Mexico. Sierra Madre near Monterey.**Habitat:** Parasitic on Dalea frutescens Gray.**Collector:** C.G. Pringle #1949.**Date:** 27 June 1888.**Miscellaneous:** Plantae Mexicanae. Gift to Herbarium COLO from Colorado College 1984.**Annotations:** = Pilostyles pringlei (S. Wats.) Hemsl.**References:** Bot. Gaz. 16:83. 1891.**Cytinus oxylepis Robinson****Type Status: Isotype****Accession No:** 424412      **Bar Code:** 360081      **Proofed:** none.**Location:** Jalisco, Mexico. Lava beds near Zapotlan.**Habitat:** Root parasitic on Burseras, lava beds.**Collector:** C.G. Pringle #4373.**Date:** 13, 27 May 1893.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984.**Annotations:** none.**References:** Proc. Amer. Acad. 29:321. 1894.

Family: Ranunculaceae
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**Anemone zephyra A. Nelson****Type Status: Isotype****Accession No:** 32936      **Bar Code:** 339812      **Proofed:** none.**Location:** Jackson County, Colorado, USA. Summit of North Park Range.**Habitat:** Along streams.**Collector:** Leslie N. Goodding #1834.**Date:** 10 August 1903.**Miscellaneous:** Originally identified as Anemone albomerus A. Nels. Original label says Larimer County; Jackson Co. created in 1907. Holotype: RM 51668. Repr. Status: Flr.**Annotations:** Anemone narcissiflorum (L.) Holub, det. Herbarium COLO staff 1993.**References:** Bot. Gaz. 42:51. 1906.**Anemone zephyra A. Nelson****Type Status: Isotype****Accession No:** 32936      **Bar Code:** 339812      **Proofed:** none.**Location:** Jackson County, Colorado, USA. Summit of North Park Range.**Habitat:** Along streams.**Collector:** Leslie N. Goodding #1834.**Date:** 10 August 1903.**Miscellaneous:** Originally ID as Anemone albomerus A. Nels. Notes in folder explain synonymy w/ A. narcissiflora & A. zephyra. Orig. label says Larimer County; Jackson Co. created after Goodding's work. Repr. Status: Flr.**Annotations:** none.**References:** Bot. Gaz. 42:51. 1906.

**Isopyrum savilei** Calder & Taylor**Type Status:** Isotype**Accession No:** 231549**Bar Code:** 371831**Proofed:** none.**Location:** British Columbia, Canada. Queen Charlotte Islands. Moresby Island, about 20 miles south of Moresby Logging Camp. 52° 55' N Lat. 132° 03' W Long.**Habitat:** Common in rock crevices of cliffs, in deep rocky runnels, on talus slopes, etc.; At and above treeline.**Collector:** J.A. Calder #23055. With D.B.O. Savile, R.L. Taylor.**Date:** 29 July-2 August 1957.**Miscellaneous:** Flowers white. Voucher specimen cited in Flora of the Queen Charlotte Islands. I. Systematics of the Vascular Plants, by James A. Calder & Roy L. Taylor. Repr. Status: Frt.**Annotations:** none.**References:** Madroño 17:70. 1963.**Myosurus nitidus** Eastwood**Type Status:** Topotype?**Accession No:** 32979**Bar Code:** 381475**Proofed:** none.**Location:** Montezuma County, Colorado, USA. Mancos.**Habitat:** Under sage brush.**Collector:** Alice Eastwood #sn.**Date:** May 1891.**Miscellaneous:** Originally identified as *Myosurus aristatus* Benth. Notes on sheet: "Possible topotype material of *Myosurus nitidus* Eastwood; collection date on the type is June 1891. This is the only known Colorado collection." W.A. Weber. Repr. Status: Frt.**Annotations:** none.**References:** Bull. Torrey Bot. Club 32:194. 1905.**Myosurus pringlei** Huth in Engl.**Type Status:** Isotype**Accession No:** 423847**Bar Code:** 381483**Proofed:** none.**Location:** Chihuahua, Mexico. Valley near Chihuahua.**Habitat:** Wet sands.**Collector:** C.G. Pringle #706.**Date:** April 1886.**Miscellaneous:** Originally identified as *Myosurus minus* L. *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** = *Myosurus minus* ssp. *pringlei* Campbell.**References:** Bot. Jahrb. Syst. 16:285. 1892.

**Ranunculus eremogenes var. degener Greene****Type Status: Isotype****Accession No:** 279782**Bar Code:** 406165**Proofed:** none.**Location:** Archuleta County, Colorado, USA. Arboles.**Habitat:** none. 6000 ft.**Collector:** C.F. Baker #329.**Date:** July 1899.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** Ranunculus sceleratus L. var. multifidus Nutt., det. Lyman Benson 1956.**References:** Pittonia 4:144. 1900.**Ranunculus macauleyi A. Gray****Type Status: Paratype?****Accession No:** 104150**Bar Code:** 406173**Proofed:** none.**Location:** San Juan County, Colorado, USA. Mountains near Lake City.**Habitat:** Alpine.**Collector:** F.N. Pease #sn.**Date:** 1878.**Miscellaneous:** Handwritten note on sheet: "Coll. on which type described (partly?), based on pub. in Proc. Amer. Acad. 15:45. 1880." Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 15:45. 1880.**Ranunculus vagans S. Watson****Type Status: Isotype****Accession No:** 423852**Bar Code:** 406181**Proofed:** none.**Location:** Mexico, Mexico. Flor de Maria.**Habitat:** Shallow ponds.**Collector:** C.G. Pringle #3177.**Date:** 1 August 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 26:131. 1891.**Family: Ranunculaceae/Coptaceae****Thalictrum debile Buckl.****Type Status: Isotype?****Accession No:** 304158**Bar Code:** 408369**Proofed:** none.**Location:** Alabama, USA.**Habitat:** none.**Collector:** S.B. Buckley #sn.**Date:** none.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Am. Journ. Sc. Ser. I. xlv : 175. 1843.

**Thalictrum debile** Buckl.**Type Status:** Isotype?**Accession No:** 262901**Bar Code:** 408351**Proofed:** none.**Location:** Alabama, USA.**Habitat:** none.**Collector:** S.B. Buckley #sn.**Date:** none.**Miscellaneous:** none. Repr. Status: Frt.**Annotations:** none.**References:** Am. Journ. Sc. Ser. I. xlv : 175. 1843.**Thalictrum heliophilum** Wilken & DeMott**Type Status:** Isotype**Accession No:** 385429**Bar Code:** 408393**Proofed:** none.**Location:** Rio Blanco County, Colorado, USA. 1.8 km NE of the confluence of Lake Creek and Cathedral Creek. TRS: T3S R100W S24 NE¼.**Habitat:** Common on steep, west-facing talus slope composed of shale on and immediately above the Parachute Creek Member of the Green River Formation. Assoc. taxa: Astragalus, Calylophus, Cirsium, Galium, Eriogonum, Leptodactylon. 2530 m.**Collector:** D.H. Wilken #13864.**Date:** 14 July 1982.**Miscellaneous:** Male plant. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 35: 156. 1983.**Thalictrum heliophilum** Wilken & DeMott**Type Status:** Isotype**Accession No:** 385430**Bar Code:** 408385**Proofed:** none.**Location:** Rio Blanco County, Colorado, USA. 1.8 km NE of the confluence of Lake Creek and Cathedral Creek. TRS: T3S R100W S24 NE¼.**Habitat:** Common on steep, west-facing talus slope composed of shale on and immediately above the Parachute Creek Member of the Green River Formation. Assoc. taxa: Astragalus, Calylophus, Cirsium, Galium, Eriogonum, Leptodactylon. 2530 m.**Collector:** D.H. Wilken #13864.**Date:** 14 July 1982.**Miscellaneous:** Carpellate plant. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 35: 156. 1983.

Family: Rhamnaceae
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**Rhamnus smithii Greene****Type Status: Isotype****Accession No:** 106069      **Bar Code:** 406215      **Proofed:** none.**Location:** Archuleta County, Colorado, USA. Pagosa Springs.**Habitat:** none. 7000 ft.**Collector:** Benjamin H. Smith #sn.**Date:** 18 July 1893.**Miscellaneous:** none. Repr. Status: Frt.**Annotations:** none.**References:** Pittonia 3: 17. 1896.

Family: Rosaceae
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**Amelanchier oreophila A. Nels.****Type Status: Isotype****Accession No:** 34881      **Bar Code:** 342394      **Proofed:** none.**Location:** Jackson County, Colorado, USA. Camp Creek.**Habitat:** Rocky hilltops.**Collector:** Leslie N. Goodding #1456.**Date:** 6 July 1903.**Miscellaneous:** Original label says Larimer County; Jackson Co. created in 1907. Repr. Status: Flr.**Annotations:** = *Amelanchier utahensis* Koehne.**References:** Bot. Gaz. 40:65. 1905.**Argentina occidentalis Rydberg****Type Status: Isotype****Accession No:** 279898      **Bar Code:** 347963      **Proofed:** none.**Location:** Solano County, California, USA. Suisun.**Habitat:** Common on moist open ground.**Collector:** C.F. Baker #3217.**Date:** 6 June 1903.**Miscellaneous:** Originally identified as *Argentina anserina* (L.) Rydb. Det. by Dr. E.L. Greene. Repr. Status: Flr.**Annotations:** none.**References:** N. Amer. Flora 22:354. 1908.**Cercocarpus ledifolius var. intermontanus N.H. Holmgren****Type Status: Isotype****Accession No:** 470123      **Bar Code:** 356741      **Proofed:** none.**Location:** Millard County, Utah, USA. Canyon Mountains, Oak Creek Canyon, west ridge of mouth of South Walker Canyon, 10.1 km (6.3 mi) east of downtown Oak City and 9 km (5.5 mi) air distance east (106x). TRS: T17S R3W Sec7.**Habitat:** Locally common on rocky ridge with *Cercocarpus montanus*, *Quercus gambelii*, and *Pinus monophylla*. 7000 ft. 2135 m.**Collector:** Noel H. Holmgren #11298. With Patricia K. Holmgren.**Date:** 24 May 1987.**Miscellaneous:** Small tree or shrub. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Brittonia 39:424. 1987.

**Crataegus coloradoides Ramaley****Type Status: Holotype****Accession No:** 35008      **Bar Code:** 359166      **Proofed:** none.**Location:** Boulder County, Colorado, USA. Pole Canyon.**Habitat:** none.**Collector:** Francis Ramaley #6184. With G.S. Dodds.**Date:** 19 September 1908.**Miscellaneous:** none. Repr. Status: Frt.**Annotations:** *Crataegus chrysocarpa* Ashe var. *chrysocarpa*, det. J.B. Phipps 1997.**References:** Bot. Gaz. 46:383-384. 1908.**Crataegus doddsii Ramaley****Type Status: Holotype****Accession No:** 35015      **Bar Code:** 359174      **Proofed:** none.**Location:** Boulder County, Colorado, USA. Pole Canyon.**Habitat:** none.**Collector:** Francis Ramaley #6181. With G.S. Dodds.**Date:** 19 September 1908.**Miscellaneous:** none. Repr. Status: Veg.**Annotations:** *Crataegus chrysocarpa* Ashe, det. J.B. Phipps 1978.**References:** Bot. Gaz. 46:381. 1908.**Crataegus tennowana A. Nelson****Type Status: Isotype****Accession No:** 332599      **Bar Code:** 359836      **Proofed:** none.**Location:** Canyon County, Idaho, USA. Falk's Store.**Habitat:** Moist woods. 2200 ft.**Collector:** J. Francis Macbride #799.**Date:** 10 May 1911.**Miscellaneous:** ID (*Crataegus tennowana*) verified by Aven Nelson Repr. Status: Flr.**Annotations:** *Crataegus douglasii* Lindl., det. J.B. Phipps 1984.**References:** Bot. Gaz. 54:408. 1912.**Crataegus wheeleri A. Nelson****Type Status: Isotype****Accession No:** 35087      **Bar Code:** 610089      **Proofed:** none.**Location:** Gunnison County, Colorado, USA. Sapinero.**Habitat:** none.**Collector:** H.N. Wheeler #532.**Date:** 1898.**Miscellaneous:** Original ID: *Crataegus wheeleri* A. Nelson n. sp. ined. (*Crataegus saligna* Greene).  
Repr. Status: Flr.**Annotations:** *Crataegus saligna* Greene, det. J.B. Phipps, Sept. 1984.**References:** Bot. Gaz. 34:369. 1902.



**Ivesia pityocharis Ertter****Type Status: Isotype****Accession No:** 443411**Bar Code:** 371849**Proofed:** none.**Location:** Douglas County, Nevada, USA. Pine Nut Mts., 1.2 air miles southeast of Slaters Mine on the northeast side of Mt. Siegel. TRS: T12N R22E Sec11.**Habitat:** Plants growing with Juncus along a dried seepage area. 7650 ft.**Collector:** Arnold Tiehm #8105. With Margaret Williams.**Date:** 11 July 1983.**Miscellaneous:** Stems prostrate, stamens 20. Repr. Status: Flr.**Annotations:** none.**References:** Syst. Bot. 14:241. 1989.**Ivesia rhypara Ertter & Reveal****Type Status: Isotype****Accession No:** 379691**Bar Code:** 371856**Proofed:** none.**Location:** Malheur County, Oregon, USA. Leslie Gulch, 0.1 mile down the road from the entrance along the road toward Lake Owyhee.**Habitat:** On reddish volcanic soil associated with Chrysothamnus, Gutierrezia, Monardella, and Eriogonum.**Collector:** James L. Reveal #3894. With Barbara J. Ertter.**Date:** 13 July 1975.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Madroño 24:224-227. 1977.**Potentilla angelliae N. Holmgren****Type Status: Isotype****Accession No:** 445856**Bar Code:** 405852**Proofed:** none.**Location:** Wayne County, Utah, USA. Aquarius Plateau, near west rim of Boulder Mountain, 22.4 km (13.9 mi) southeast of Loa-Escalante road, 21 km (13 mi) air distance south (178°) of Bicknell. TRS: T30S R3E Sec36.**Habitat:** Common with Potentilla concinna Richardson in rocky meadow. 11000 ft. 3350 m.**Collector:** Noel H. Holmgren #10623. With Patricia K. Holmgren.**Date:** 10 July 1984.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 39:342. 1987.**Potentilla basaltica Tiehm & Ertter****Type Status: Isotype****Accession No:** 416673**Bar Code:** 405860**Proofed:** none.**Location:** Humboldt County, Nevada, USA. Calico Mts., 2.6 road miles SW of Soldier Meadows road on High Rock Lake Road. TRS: T40N R24E Sec26.**Habitat:** Plants growing with Juncus along the edge of a seepage area. 4500 ft.**Collector:** Arnold Tiehm #7770. With Matt Lavin.**Date:** 31 May 1983.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 36:228. 1984.

**Potentilla beanii** Clokey**Type Status:** Isotype**Accession No:** 58148**Bar Code:** 405886**Proofed:** none.**Location:** Clark County, Nevada, USA. Charleston Mountains, ridge to Charleston Peak.**Habitat:** Grassy slope with *Pinus aristata* Engelm. 3270 m.**Collector:** I.W. Clokey #7974.**Date:** 22 July 1938.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Bull. S. Calif. Acad. Sci. 38:4. 1939.**Potentilla breviscissa** var. **xiningensis** Sojak**Type Status:** ?**Accession No:** 433726**Bar Code:** 405894**Proofed:** none.**Location:** , China. Ledu, Qinghai.**Habitat:** Side farm. 3532 m.**Collector:** Wu #3718.**Date:** July 1986.**Miscellaneous:** This variety not in International Plant Names Index. *P. breviscissa* Bertol. was published in Misc. Bot. xxxiv. 17 ; annotation label on sheet says *Potentilla multicaulis* Bunge, which was published in Enum. Pl. Chin. Bor. 25. Repr. Status: Flr.**Annotations:** *Potentilla multicaulis* Bunge.**References:** None found.**Potentilla cottamii** N. Holmgren**Type Status:** Isotype**Accession No:** 435389**Bar Code:** 405902**Proofed:** none.**Location:** Elko County, Nevada, USA. Pilot Range, Pilot Peak, aqueduct canyon east of the Pilot Mt. Ranch, west side of the peak. TRS: T36N R70E Sec6.**Habitat:** Plants growing in the cracks of steep quartzite rock outcrops. 10400 ft.**Collector:** Arnold Tiehm #10738.**Date:** 5 July 1986.**Miscellaneous:** Petals yellow, notched, fading white, plants forming dense clumps in open areas and loose clumps to 4 dm across in protected areas. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 39:340. 1987.**Potentilla cryptocaulis** Clokey**Type Status:** Isotype**Accession No:** 352903**Bar Code:** 405928**Proofed:** none.**Location:** Clark County, Nevada, USA. Charleston Mountains, Charleston Peak.**Habitat:** Gravelly slope and flat. 3500 m.**Collector:** I.W. Clokey #7567.**Date:** 18 July 1937.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Bull. S. Calif. Acad. Sci. 37:4. 1938.

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<b>Potentilla cryptocaulis Clokey</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 58145	<b>Bar Code:</b> 405936	<b>Proofed:</b> none.
<b>Location:</b> Clark County, Nevada, USA. Charleston Mountains, Charleston Peak.		
<b>Habitat:</b> Gravelly slope and flat. 3500 m.		
<b>Collector:</b> I.W. Clokey #7567.		
<b>Date:</b> 18 July 1937.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Bull. S. Calif. Acad. Sci. 37:4. 1938.		
<b>Potentilla nivea ssp. fallax A.E. Porsild</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 247510	<b>Bar Code:</b> 405951	<b>Proofed:</b> none.
<b>Location:</b> Yukon Territory, Canada. Canol Rd.: Mile 132. Lower Lapie R. Crossing, mountain west of road.		
<b>Habitat:</b> Dry, shaly slopes of mountain. Elev. range 4000-5000 ft.		
<b>Collector:</b> A.E. Porsild #9476. With A.J. Breitung.		
<b>Date:</b> 14 June 1944.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Natl. Mus. Canada Bull. 121:266. 1951.		
<b>Potentilla togasii Ohwi</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 157639	<b>Bar Code:</b> 405969	<b>Proofed:</b> none.
<b>Location:</b> Honshu, Japan. Yuzawa in Echigo.		
<b>Habitat:</b> none.		
<b>Collector:</b> M. Togasi #sn.		
<b>Date:</b> 17 June 1958.		
<b>Miscellaneous:</b> none. Repr. Status: Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Bull. Nat. Sci. Mus., Tokyo, n. s., iv. (No. 45) 401 (1959).		
<b>Prunus prunella Daniels</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 536333	<b>Bar Code:</b> 905505	<b>Proofed:</b> none.
<b>Location:</b> Boulder County, Colorado, USA. Mesas near Gregory Canon, Boulder.		
<b>Habitat:</b> Mesas. 5800 ft.		
<b>Collector:</b> Francis Daniels #654.		
<b>Date:</b> 30 July 1906.		
<b>Miscellaneous:</b> Original ID: Prunus (species undescribed). Voucher: Daniels, F.P., 1911. Flora of Boulder, Colorado and vicinity. U. of Missouri Studies 2 (2): 1-311. Repr. Status: Veg.		
<b>Annotations:</b> Prunus besseyi Bailey, det. W.A. Weber 1949. / Isotype of Prunus prunella Daniels, det. by University of Missouri Dunn-Palmer Herbarium.		
<b>References:</b> Univ. Missouri Studies, Sci. Ser. 2:151. 1911.		

**Rosa prionota Greene****Type Status: Isotype****Accession No:** 103144**Bar Code:** 406272**Proofed:** none.**Location:** Lake County, California, USA. Foothills south of Mt. Sanhedrin, midway between Potter Valley and Hullville.**Habitat:** none.**Collector:** A.A. Heller #5858.**Date:** 14 July 1902.**Miscellaneous:** Originally identified as *Rosa gymnocarpa* Nutt. Repr. Status: Frt.**Annotations:** *Rosa gymnocarpa* Nutt., det. Donald Cole 1950. / *Rosa prionata* [sic] Greene, Isotype, det. J.H. Thomas 1955.**References:** Leaf. Bot. Observ. Crit. 2: 256. 1912.**Rosa underwoodii Rydberg****Type Status: Paratype****Accession No:** 269509**Bar Code:** 406280**Proofed:** none.**Location:** Ouray County, Colorado, USA. Ouray.**Habitat:** none. 7950 ft.**Collector:** L.M. Underwood #113. With A.D. Selby.**Date:** 8 September 1901.**Miscellaneous:** Ht. 6 ft. Repr. Status: Frt.**Annotations:** *Rosa underwoodii* Rydberg, Duplicate paratype, det. Roland G. Hawk & Ronald L. Stuckey, 1971.**References:** Bull. Torrey Bot. Club 31: 560. 1904.**Family: Rubiaceae****Chomelia pringlei S. Watson****Type Status: Isotype****Accession No:** 422638**Bar Code:** 356790**Proofed:** none.**Location:** San Luis Potosi, Mexico. Tamasopo Canyon.**Habitat:** none.**Collector:** C.G. Pringle #3209.**Date:** 6 August 1890.**Miscellaneous:** 15 feet. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Anisomeris pringlei* (Wats.) Standley.**References:** Proc. Amer. Acad. 26:137. 1891.**Crusea villosa S. Watson****Type Status: Isotype****Accession No:** 424130**Bar Code:** 359885**Proofed:** none.**Location:** Jalisco, Mexico. Near Guadalajara.**Habitat:** Rocky hillsides.**Collector:** C.G. Pringle #2448.**Date:** 9 October 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 25:152. 1890.

**Galium coloradense W. Wright****Type Status: Isotype****Accession No:** 36965**Bar Code:** 368142**Proofed:** none.**Location:** Colorado, USA. Mancos.**Habitat:** none.**Collector:** Alice Eastwood #sn.**Date:** July 1890.**Miscellaneous:** Female plant. Originally identified as *Galium matthewsii* Gray. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Zoe 5:54. 1900.**Galium coloradense W. Wright****Type Status: Isotype****Accession No:** 36964**Bar Code:** 368159**Proofed:** none.**Location:** Colorado, USA. Mancos.**Habitat:** none.**Collector:** Alice Eastwood #sn.**Date:** July 1890.**Miscellaneous:** Male plant. Originally identified as *Galium matthewsii* Gray. Repr. Status: Flr.**Annotations:** none.**References:** Zoe 5:54. 1900.**Galium hypotrichium ssp. utahense Ehrend.****Type Status: Isotype****Accession No:** 37034**Bar Code:** 368167**Proofed:** none.**Location:** Utah, USA. Provo, Wasatch Mts.**Habitat:** In rock crevices.**Collector:** Leslie N. Goodding #1116.**Date:** 16 June 1902.**Miscellaneous:** Originally identified as *Galium watsoni* (Gray) Heller? Duplicate cited by Dempster and Ehrendorfer, 1965, as *Galium watsonii* (A. Gray) Heller. Repr. Status: Flr.**Annotations:** none.**References:** Contrib. Dudley Herb. 5:12. 1956.**Galium hystricocarpum Greenm.****Type Status: ?****Accession No:** 169520**Bar Code:** 368175**Proofed:** none.**Location:** Chihuahua, Mexico. Mts. near Chihuahua.**Habitat:** Cool cliffs and ledges.**Collector:** C.G. Pringle #741.**Date:** 25 October 1886.**Miscellaneous:** Originally identified as *Galium uncinulatum* DC var. *obstipum* Watson. *Plantae Mexicanae*. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 33:464. 1898.

**Galium munzii forma glabrum Ehrend.****Type Status: Isotype****Accession No:** 86498**Bar Code:** 368183**Proofed:** none.**Location:** Clark County, Nevada, USA. Charleston Mts., Canyon above Wilson's ranch.**Habitat:** Under rocks. 1230 m.**Collector:** I.W. Clokey #8134.**Date:** 7 June 1938.**Miscellaneous:** Originally identified as *Galium watsoni* (Gray) Heller. (Duplicate det. by J.T. Howell.) Duplicate cited by Dempster and Ehrendorfer, 1965, as *Galium magnifolium* (Dempster) Dempster. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Contr. Dudley Herb. 5:9. 1956.**Galium pringlei Greenm.****Type Status: Isotype****Accession No:** 169468**Bar Code:** 368191**Proofed:** none.**Location:** Nuevo Leon, Mexico. Sierra Madre near Monterey.**Habitat:** Shaded ledges.**Collector:** C.G. Pringle #1884.**Date:** 9 July 1888.**Miscellaneous:** Originally identified as *Galium uncinulatum* DC. *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Veg.**Annotations:** none.**References:** Proc. Amer. Acad. 33:458. 1898.**Gonzalea glabra S. Watson****Type Status: Isotype****Accession No:** 424114**Bar Code:** 368431**Proofed:** none.**Location:** Jalisco, Mexico. Mountains near Lake Chapala.**Habitat:** none.**Collector:** C.G. Pringle #2442.**Date:** 16 December 1889.**Miscellaneous:** A tree 20 feet high, with fragrant flowers. *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Gonzalagunia glabra*.**References:** Proc. Amer. Acad. 25:152. 1890.**Houstonia polypremoides Gray****Type Status: Isotype****Accession No:** 424109**Bar Code:** 400317**Proofed:** none.**Location:** Chihuahua, Mexico. Santa Eulalia Mts.**Habitat:** Gravelly slopes.**Collector:** C.G. Pringle #16.**Date:** 29 May 1885.**Miscellaneous:** Flowers white, changing to purple. *Plantae Mexicanae*. Gift from Colorado College 1984. [Collection numbers 16 and 356 are both cited as the type in original description; one in flower, one in fruit.] Repr. Status: Flr.**Annotations:** = *Hedyotis acerosa* var. *polypremoides* (Gray) Lewis.**References:** Proc. Amer. Acad. 21:379. 1886.

**Houstonia polypremoides Gray****Type Status: Isotype****Accession No:** 424108**Bar Code:** 4003**Proofed:** none.**Location:** Chihuahua, Mexico. Santa Eulalia Mts.**Habitat:** none.**Collector:** C.G. Pringle #356.**Date:** 26 September 1885.**Miscellaneous:** Flowers white, changing to purple. *Plantae Mexicanae*. Gift from Colorado College 1984. [Collection numbers 16 and 356 are both cited as the type in original description; one in flower, one in fruit.] Repr. Status: Frt.**Annotations:** = *Hedyotis acerosa* var. *polypremoides* (Gray) Lewis.**References:** Proc. Amer. Acad. 21:379. 1886.**Oldenlandia pringlei B.L. Robinson****Type Status: Isotype****Accession No:** 424100**Bar Code:** 387050**Proofed:** none.**Location:** San Luis Potosi, Mexico. Hacienda de Angostura.**Habitat:** Alkaline plains.**Collector:** C.G. Pringle #3758.**Date:** 27 June 1891.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Hedyotis pringlei* W.H. Lewis.**References:** Proc. Amer. Acad. 27:169. 1892.**Oldenlandia xestosperma Rob. & Greenm.****Type Status: Isotype****Accession No:** 424101**Bar Code:** 387068**Proofed:** none.**Location:** Oaxaca, Mexico. Sierra de San Felipe.**Habitat:** Open glades. 8000 ft.**Collector:** C.G. Pringle #4692.**Date:** June 1894.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 32:41. 1896.**Paederia pringlei Greenman****Type Status: ?****Accession No:** 148800**Bar Code:** 392613**Proofed:** none.**Location:** Morelos, Mexico. Lava fields near Yautapec.**Habitat:** Lava fields. 4500 ft.**Collector:** C.G. Pringle #8682.**Date:** October 1902.**Miscellaneous:** Twining to 20 feet. *Plantae Mexicanae*. Repr. Status: Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 39:92. 1903.

**Randia pringlei A. Gray****Type Status: Isotype****Accession No:** 507765**Bar Code:** 406157**Proofed:** none.**Location:** Coahuila, Mexico. Mountains, Jimulco.**Habitat:** none.**Collector:** C.G. Pringle #142.**Date:** 27 April 1885.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 21:379. 1886.**Spermaceoce pringlei S. Watson****Type Status: Isotype****Accession No:** 424095**Bar Code:** 408013**Proofed:** none.**Location:** Jalisco, Mexico. Hillsides near Guadalajara.**Habitat:** Shaded hillsides.**Collector:** C.G. Pringle #2464.**Date:** 27 September 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 25: 152. 1890.**Family: Rutaceae****Amyris madrensis S. Watson****Type Status: Isotype****Accession No:** 424088**Bar Code:** 342410**Proofed:** none.**Location:** Nuevo Leon, Mexico. Mountains near Monterey.**Habitat:** Limestone ledges.**Collector:** C.G. Pringle #2540.**Date:** 27 May & 19 July 1889.**Miscellaneous:** Plantae Mexicanae. Gift to Herbarium COLO from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 25:144. 1890.**Sargentia pringlei S. Watson****Type Status: Isotype****Accession No:** 424081**Bar Code:** 406538**Proofed:** none.**Location:** San Luis Potosi, Mexico. Mountains, San Jose Pass.**Habitat:** none.**Collector:** C.G. Pringle #3220.**Date:** 11 June and 22 July 1890.**Miscellaneous:** A shrub, 10-15 feet high. Fruit 11 June; fls. 22 July. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 26:134. 1891.



**Xanthoxylon foetidum** Rose**Type Status:** Isotype**Accession No:** 424065**Bar Code:** 412965**Proofed:** none.**Location:** Morelos, Mexico. Barrancas above Cuernavaca.**Habitat:** none. 5500 ft.**Collector:** C.G. Pringle #6207.**Date:** 14 November 1895.**Miscellaneous:** 10-20 feet. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = *Fagara foetida* Engl.**References:** Contr. U.S. Natl. Herb. 5:112. 1897.**Xanthoxylum pringlei** S. Watson**Type Status:** Isotype**Accession No:** 424066**Bar Code:** 412973**Proofed:** none.**Location:** San Luis Potosi, Mexico. Tamasopo Canyon.**Habitat:** none.**Collector:** C.G. Pringle #3102.**Date:** 25 June, 3 October 1890.**Miscellaneous:** A tree 40 feet high. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** = *Fagara pringlei* Engl.**References:** Proc. Amer. Acad. 26:134. 1891.**Family: Salicaceae****Salix boothii** Dorn**Type Status:** Isotype**Accession No:** 284310**Bar Code:** 406348**Proofed:** none.**Location:** Teton County, Wyoming, USA. Tributary to Pacific Creek. TRS: T45N R114W Sec12 SW¼.**Habitat:** Willow thicket with *Salix geyeriana*, *S. drummondiana*. 6800 ft.**Collector:** R.D. Dorn #1288.**Date:** 26 June 1971.**Miscellaneous:** Tagged shrub 2m high. Repr. Status: Frt.**Annotations:** none.**References:** Canad. J. Bot. 53: 1505. 1975.**Salix gooddingi** Ball**Type Status:** Isotype**Accession No:** 37605**Bar Code:** 411520**Proofed:** none.**Location:** Nevada, USA. Muddy.**Habitat:** Along a ditch.**Collector:** Leslie N. Goodding #689.**Date:** 2 May 1902.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Bot. Gaz. 40:376. 1905.

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<b>Family: Sapindaceae</b>		
<b>Serjania meridionalis var. cuezzoi F. A. Barkley</b>		<b>Type Status: Isotype?</b>
<b>Accession No:</b> 338210	<b>Bar Code:</b> 407015	<b>Proofed:</b> none.
<b>Location:</b> , Brazil. Rio Grande do Sul, Lagoa da Pinguela p. Osorio.		
<b>Habitat:</b> none.		
<b>Collector:</b> B. Rambo #46478.		
<b>Date:</b> 27 March 1950.		
<b>Miscellaneous:</b> none. Repr. Status: Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Lilloa 28: 130. 1957.		
<b>Serjania unguiculata Radlk.</b>		<b>Type Status: Isotype?</b>
<b>Accession No:</b> 149933	<b>Bar Code:</b> 407031	<b>Proofed:</b> none.
<b>Location:</b> Morelos, Mexico. Barrancas of Cuernavaca.		
<b>Habitat:</b> none. 5000 ft.		
<b>Collector:</b> C.G. Pringle #6982.		
<b>Date:</b> 16 March 1899.		
<b>Miscellaneous:</b> Climbing to 20 ft. Plantae Mexicanae. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Reper. Spec. Nov. Regni Veg. 17: 359. 1921.		
<b>Serjania unguiculata Radlk.</b>		<b>Type Status: Isotype?</b>
<b>Accession No:</b> 42081	<b>Bar Code:</b> 407023	<b>Proofed:</b> none.
<b>Location:</b> Morelos, Mexico. Barrancas of Cuernavaca.		
<b>Habitat:</b> none. 5000 ft.		
<b>Collector:</b> C.G. Pringle #6982.		
<b>Date:</b> 16 March 1899.		
<b>Miscellaneous:</b> Climbing to 20 ft. Plantae Mexicanae. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Reper. Spec. Nov. Regni Veg. 17: 359. 1921.		
<b>Thouinia acuminata S. Watson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 424058	<b>Bar Code:</b> 410217	<b>Proofed:</b> none.
<b>Location:</b> Jalisco, Mexico. Barranca near Guadalajara.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #2485.		
<b>Date:</b> 9 October, 3 December 1889.		
<b>Miscellaneous:</b> A tree 25 feet high. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 25: 145. 1890.		

**Thouinia pringlei** S. Watson**Type Status:** Isotype**Accession No:** 424059**Bar Code:** 410225**Proofed:** none.**Location:** Jalisco, Mexico. Barranca near Guadalajara.**Habitat:** none.**Collector:** C.G. Pringle #2567.**Date:** 23 May, 3 December 1889.**Miscellaneous:** Fruit 23 May; leaves 3 December. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 25: 145. 1890.**Urvillea biternata** Weatherby**Type Status:** ?**Accession No:** 149531**Bar Code:** 410399**Proofed:** none.**Location:** Guerrero, Mexico. Iguala Canyon.**Habitat:** none. 3000 ft.**Collector:** C.G. Pringle #10380.**Date:** 24 July 1907.**Miscellaneous:** An erect shrub, 1 to 2 m. high. Plantae Mexicanae. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 45:425. 1910.**Family: Sarraceniaceae****Sarracenia rugelii** Shuttl. ex A. DC.**Type Status:** ?**Accession No:** 95161**Bar Code:** 406546**Proofed:** none.**Location:** Florida, USA. Inter Quincy et Aspalaga.**Habitat:** In uliginosis ad rivulos.**Collector:** Rugel #sn.**Date:** May 1843.**Miscellaneous:** none.**Annotations:** = *Sarracenia flava*.**References:** DC. Prod. xvii. 6.**Family: Saxifragaceae****Heuchera wootonii** Rydberg**Type Status:** Isotype**Accession No:** 38229**Bar Code:** 425884**Proofed:** none.**Location:** Lincoln County, New Mexico, USA. White Mountains.**Habitat:** none.**Collector:** E.O. Wooton #283.**Date:** 5 August 1897.**Miscellaneous:** Originally identified as *Heuchera parvifolia* Nutt. Repr. Status: Flr.**Annotations:** *Heuchera wootonii* Rydberg, det. C.O. Rosendahl, F.K. Butters, O. Lakela, Revision of *Heuchera*, 1933.**References:** N. Amer. Fl. 22:113. 1905.

**Muscaria emarginata Small****Type Status: Isotype****Accession No:** 38812**Bar Code:** 381434**Proofed:** none.**Location:** Washington, USA. Olympic Mts.**Habitat:** none.**Collector:** A.D.E. Elmer #2649.**Date:** June 1900.**Miscellaneous:** Originally identified as *Saxifraga caespitosa* L. Repr. Status: Flr.**Annotations:** *Saxifraga caespitosa* L. ssp. *emarginata* (Small) Porsild, det. A.E. Porsild 1952. / *Muscaria emarginata* Small, Isotype, det. A.E. Porsild 1954.**References:** N. Amer. Fl. 22:130. 1905.**Saxifraga caespitosa var. purpusii Engl. & Irmsch.****Type Status: Isotype****Accession No:** 38814**Bar Code:** 406587**Proofed:** none.**Location:** Utah, USA. Mt. Tomasaki, La Sal Mts.**Habitat:** Alt. 11-12000 ft.**Collector:** C.A. Purpus #6642.**Date:** 1899.**Miscellaneous:** Originally identified as *Saxifraga caespitosa* L. Repr. Status: Flr.**Annotations:** *Saxifraga caespitosa* var. *purpusii* Engl. & Irmsch., Isotype, det. A.W. Porsild 1952.**References:** Pflanzenr. (Engler) 4, Fam. 117 I: 377. 1916.**Saxifraga caespitosa var. purpusii Engl. & Irmsch.****Type Status: Isotype****Accession No:** 38815**Bar Code:** 406579**Proofed:** none.**Location:** Utah, USA. Mt. Tomasaki, La Sal Mts.**Habitat:** Alt. 11-12000 ft.**Collector:** C.A. Purpus #6642.**Date:** 1899.**Miscellaneous:** Originally identified as *Saxifraga caespitosa* L. Repr. Status: Flr.**Annotations:** *Saxifraga caespitosa* var. *purpusii* Engl. & Irmsch., Isotype, det. A.W. Porsild 1952.**References:** Pflanzenr. (Engler) 4, Fam. 117 I: 377. 1916.**Saxifraga jamesii Torrey****Type Status: Isotype****Accession No:** 101525**Bar Code:** 406595**Proofed:** none.**Location:** El Paso County, Colorado, USA. Pikes Peak.**Habitat:** none.**Collector:** Edwin James #sn.**Date:** 14 July 1820.**Miscellaneous:** Original label says nothing more than Colorado for location. Note on sheet by W.A. Weber: "This was collected by Edwin James on July 14, 1820, on Pikes Peak. The handwriting is that of John Torrey." Repr. Status: Flr.**Annotations:** *Saxifraga jamesii* Torrey, Isotype, det. R.J. Gornall 1980.**References:** Ann. Lyc. New York 2:204. 1827 [or 1828].

<b>Saxifraga lyallii subsp. hultenii (Calder &amp; Sav.) Cald &amp; Taylor</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 231607	<b>Bar Code:</b> 406603	<b>Proofed:</b> none.
<b>Location:</b> British Columbia, Canada. Queen Charlotte Islands. About 20 miles south of Moresby Logging Camp. 52° 55' N Lat. 132° 03' W Long.		
<b>Habitat:</b> Common but scattered in rock runnels and by rivulets in rocky areas below cliffs. 2300 ft.		
<b>Collector:</b> J.A. Calder #23106. With D.B.O. Savile & R.L. Taylor.		
<b>Date:</b> 29 July - 2 August 1957.		
<b>Miscellaneous:</b> Flowers white. Voucher specimen cited in Flora of the Queen Charlotte Islands. I. Systematics of the Vascular Plants, by J.A. Calder and R.L. Taylor. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Canad. J. Bot. 43: 1393. 1965.		
<b>Saxifraga punctata subsp. carlottae Calder &amp; Savile</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 231621	<b>Bar Code:</b> 406611	<b>Proofed:</b> none.
<b>Location:</b> British Columbia, Canada. Queen Charlotte Islands. Alpine area about 20 miles south of Moresby Camp, Moresby Island. 52° 55' N Lat. 132° 03' W Long.		
<b>Habitat:</b> Alpine area. Very common along margin of rivulets and in dried up creek beds below cliff.		
<b>Collector:</b> J.A. Calder #23093. With D.B.O. Savile & R.L. Taylor.		
<b>Date:</b> 29 July - 2 August 1957.		
<b>Miscellaneous:</b> Voucher specimen cited in Flora of the Queen Charlotte Islands. I. Systematics of the Vascular Plants, by J.A. Calder and R.L. Taylor. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Canad. J. Bot. 38: 429. 1960.		
<b>Saxifraga taylori Calder &amp; Savile</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 231622	<b>Bar Code:</b> 406629	<b>Proofed:</b> none.
<b>Location:</b> British Columbia, Canada. Queen Charlotte Islands. Below Mt. de la Touche near head of Fairfax Inlet, Tasu Sound, west coast of Moresby Island.		
<b>Habitat:</b> Very common on boulders on coarse talus slope and rock slides from 1400' - 2000'; rare on cliffs.		
<b>Collector:</b> J.A. Calder #23511. With R.L. Taylor.		
<b>Date:</b> 16-17 August 1957.		
<b>Miscellaneous:</b> Flowers white. Voucher specimen cited in Flora of the Queen Charlotte Islands. I. Systematics of the Vascular Plants, by J.A. Calder and R.L. Taylor. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Brittonia 11: 248. 1959.		

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<b>Family: Scrophulariaceae</b>		
<b>Berendtia laevigata Robinson &amp; Greenman</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423198	<b>Bar Code:</b> 351056	<b>Proofed:</b> none.
<b>Location:</b> Puebla, Mexico. Near Tehuacan.		
<b>Habitat:</b> Calcareous ledges. 5500 ft.		
<b>Collector:</b> C.G. Pringle #6294.		
<b>Date:</b> 24 December 1895.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> = Hemichaena laevigata Thieret.		
<b>References:</b> Proc. Amer. Acad. 32:39. 1896.		
<b>Berendtia spinulosa S. Watson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423199	<b>Bar Code:</b> 351064	<b>Proofed:</b> none.
<b>Location:</b> Nuevo Leon, Mexico. The Sierra Madre near Monterey.		
<b>Habitat:</b> Dry limestone cliffs.		
<b>Collector:</b> C.G. Pringle #1952.		
<b>Date:</b> 27 June 1888.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> = Hemichaena spinulosa Thieret.		
<b>References:</b> Proc. Amer. Acad. 25:159. 1890.		
<b>Calceolaria campii Pennell</b>		<b>Type Status: Cotype</b>
<b>Accession No:</b> 422152	<b>Bar Code:</b> 352336	<b>Proofed:</b> none.
<b>Location:</b> Bolivar, Ecuador. Hacienda Talahua.		
<b>Habitat:</b> none. 2000 m.		
<b>Collector:</b> C. William Penland #662. With Robert H. Summers.		
<b>Date:</b> 5 May 1939.		
<b>Miscellaneous:</b> Bushy, very slender, stems red; lvs sessile, soft, medium green above; calyx reddish on outside, yellowish within; corolla dull whitish-yellow, lower lip well arched & touching calyx behind! A few red spots inside at junction of lips. Orig. ID C. serrata. Repr. Status: Flr & Frt.		
<b>Annotations:</b> Calceolaria campii Pennell, det. F.W. Pennell, no date.		
<b>References:</b> Proc. Acad. Nat. Sci. Phila. 103:126. 1951.		
<b>Calceolaria ledifolia Pennell</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422167	<b>Bar Code:</b> 352344	<b>Proofed:</b> none.
<b>Location:</b> Chimborazo, Ecuador. Calere, beyond Pueblo of San Juan toward Paramo.		
<b>Habitat:</b> none. 3000 m.		
<b>Collector:</b> C. William Penland #510. With Robert H. Summers.		
<b>Date:</b> 21 April 1939.		
<b>Miscellaneous:</b> Flwrs. dark lemon throughout, slightly paler behind; lvs dark green above, whitish tomentose beneath. Originally ID as Calceolaria ferruginea Cav. Gift from Colorado College. Repr. Status: Flr.		
<b>Annotations:</b> Calceolaria ledifolia Pennell, det. F.W. Pennell, no date.		
<b>References:</b> Proc. Acad. Nat. Sci. Phila. 103:102. 1951.		

**Calceolaria meistantha Pennell****Type Status: Cotype****Accession No:** 422168**Bar Code:** 352351**Proofed:** none.**Location:** Napo-Pastaza, Ecuador. Rio Mapoto, Hda. de San Francisco.**Habitat:** none. 1225 m.**Collector:** C. William Penland #268. With Robert H. Summers.**Date:** 24 March 1939.**Miscellaneous:** Flowers lemon yellow. Originally identified as *Calceolaria dichotoma* Lam. Gift from Colorado College. Repr. Status: Flr.**Annotations:** *Calceolaria meistantha* Pennell, det. F.W. Pennell, no date.**References:** Proc. Acad. Nat. Sci. Phila. 103:96. 1951.**Calceolaria penlandii Pennell****Type Status: Isotype****Accession No:** 422175**Bar Code:** 352369**Proofed:** none.**Location:** Carchi, Ecuador. Nudo de Boliche; lakes above Voladero.**Habitat:** none. 4000 m.**Collector:** C. William Penland #868. With Robert H. Summers.**Date:** 10 June 1939.**Miscellaneous:** Slender, clambering, up to 2 m; lvs greenish white pubescent above, whiter beneath; calyx large, pale green; corolla lemon-yellow; lower lip long-protruding w/ prominent opening. Orig. ID *C. saxatilis*. Gift from Colorado College. Repr. Status: Flr.**Annotations:** *Calceolaria penlandii* Pennell, det. F.W. Pennell, no date.**References:** Proc. Acad. Nat. Sci. Phila. 103:151. 1951.**Calceolaria sericea Pennell****Type Status: Isotype****Accession No:** 422150**Bar Code:** 352377**Proofed:** none.**Location:** Imabura, Ecuador. Lake Cuicocha.**Habitat:** none. 3200 m.**Collector:** C. William Penland #832. With Robert H. Summers.**Date:** 2 June 1939.**Miscellaneous:** About 1 m, bushy; upper lip yellowish-white, lower dull lemon-yellow, w/ brownish-purple spot inside at base; calyx pale brownish green; lvs velvety green above, white tomentose below. ID det. F.W. Pennell. Gift from Colorado College. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Acad. Nat. Sci. Phila. 103:124. 1951.

**Calceolaria trilobata ssp. chimboracensis Pennell****Type Status: Isotype****Accession No:** 422149**Bar Code:** 352385**Proofed:** none.**Location:** Chimborazo, Ecuador. Calare, beyond San Juan toward paramo.**Habitat:** none. 3300 m.**Collector:** C. William Penland #480. With Robert H. Summers.**Date:** 21 April 1939.**Miscellaneous:** 1-1.5m high; lvs bright green above, slightly paler beneath, glandular-pubescent; calyx enlarged, very pale green, both lips strongly lemon, lower slightly paler beneath. Subsp. nov. ID det. F.W. Pennell. Gift from Colorado College. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Acad. Nat. Sci. Phila. 103:164. 1951.**Calceolaria tungurahuae****Type Status: Isotype****Accession No:** 422144**Bar Code:** 352393**Proofed:** none.**Location:** Tungurahua, Ecuador. Minza paramo, slope of V. Tungurahua.**Habitat:** none. 3800 m.**Collector:** C. William Penland #335. With Robert H. Summers.**Date:** 6 April 1939.**Miscellaneous:** Slender woody herb up to 1 m; fls lemon yellow; lvs white-tomentose beneath, dark green above. ID det. F.W. Pennell. Gift from Colorado College. Sheet 1 of 2. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Acad. Nat. Sci. Phila. 103:103. 1951.**Calceolaria tungurahuae****Type Status: Isotype****Accession No:** 422188**Bar Code:** 352401**Proofed:** none.**Location:** Tungurahua, Ecuador. Minza paramo, slope of V. Tungurahua.**Habitat:** none. 3800 m.**Collector:** C. William Penland #335. With Robert H. Summers.**Date:** 6 April 1939.**Miscellaneous:** Slender woody herb up to 1 m; fls lemon yellow; lvs white-tomentose beneath, dark green above. ID det. F.W. Pennell. Gift from Colorado College. Sheet 2 of 2. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Acad. Nat. Sci. Phila. 103:103. 1951.



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<b>Calceolaria velutina Pennell</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422143	<b>Bar Code:</b> 352419	<b>Proofed:</b> none.
<b>Location:</b> Loja, Ecuador. Vicinity of Loja.		
<b>Habitat:</b> none. 2300 m.		
<b>Collector:</b> C. William Penland #1146. With Robert H. Summers.		
<b>Date:</b> 28 July 1939.		
<b>Miscellaneous:</b> Slender, up to 2 m; lvs dark green above, whitish tomentose beneath, petiole winged; calyx large, yellow-green; corolla canary yellow, darker on upper lip. ID det. F.W. Pennell. Gift from Colorado College. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Acad. Nat. Sci. Phila. 103:176. 1951.		
<b>Castilleja aurea Rob. &amp; Greenm.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423205	<b>Bar Code:</b> 356600	<b>Proofed:</b> none.
<b>Location:</b> Morelos, Mexico. Barrancas above Cuernavaca.		
<b>Habitat:</b> Wet bluffs of barrancas. 7000 ft.		
<b>Collector:</b> C.G. Pringle #6204.		
<b>Date:</b> 19 November 1895.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> Castilleja aurea Rob. & Greenm., det. by Mark Egger, 2006-2007.		
<b>References:</b> Proc. Amer. Acad. 32:39. 1896.		
<b>Castilleja brunnescens P.A. Rydberg</b>		<b>Type Status: Paratype</b>
<b>Accession No:</b> 269517	<b>Bar Code:</b> 356618	<b>Proofed:</b> none.
<b>Location:</b> Colorado, USA. Red Mt.		
<b>Habitat:</b> none. 11000 ft.		
<b>Collector:</b> L.M. Underwood #293. With A.D. Selby.		
<b>Date:</b> 11 September 1901.		
<b>Miscellaneous:</b> Originally identified as Castilleja. Repr. Status: Flr & Frt.		
<b>Annotations:</b> Castilleja brunnescens P.A. Rydberg, det. R.G. Hawk & R.L. Stuckey 1971. / PARATYPE! of Castilleja brunnescens Rydb.; = C. septentrionalis Lindl., det. by Mark Egger, 2006.		
<b>References:</b> Bull. Torrey Bot. Club 31:643-644. 1904.		
<b>Castilleja collina A. Nelson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 507610	<b>Bar Code:</b> 356634	<b>Proofed:</b> none.
<b>Location:</b> Albany County, Wyoming, USA. Sand Creek.		
<b>Habitat:</b> Gravelly ridges, granite hilltops.		
<b>Collector:</b> Aven Nelson #6995.		
<b>Date:</b> 1 June 1900.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> ISOTYPE! of Castilleja collina A. Nels., det. by Mark Egger, 2005-2006.		
<b>References:</b> Bull. Torr. Bot. Club 28:231. 1901.		

**Castilleja dissitiflora N. Holmgren****Type Status: Isotype****Accession No:** 240588**Bar Code:** 356642**Proofed:** none.**Location:** White Pine County, Nevada, USA. White Pine Range, Mount Hamilton, southeast slope. TRS: T16N R57E Sec 26.**Habitat:** Common on steep limestone gravelly slope with sagebrush, *Castilleja linariaefolia* and scattered *Pinus aristata*. 9600 ft.**Collector:** Noel H. Holmgren #2772. With James L. Reveal.**Date:** 30 June 1966.**Miscellaneous:** Inflorescence deep red; leaves crisped margined and herbage viscid. Repr. Status: Flr.**Annotations:** *Castilleja dissitiflora* N. Holmgren, det. by Mark Egger, 2006-2007.**References:** Mem. N.Y. Bot. Gard. 21:46. 1971.**Castilleja genevievana G.L. Nesom****Type Status: Isotype****Accession No:** 451040**Bar Code:** 356659**Proofed:** none.**Location:** Crockett County, Texas, USA. Hwy 290, 1.5 mi WSW of jct with Hwy I-20, ca. 24 mi W of Ozona (jct of Hwys I-20 and 163).**Habitat:** Area of steep limestone hills with dominant junipers, also *Prosopis*, *Ephedra*, *Dalea*, *Opuntia*, *Yucca*, *Thamnosma*. 2500 ft.**Collector:** Guy Nesom #03. With Genevieve and Julia Nesom.**Date:** 5 April 1992.**Miscellaneous:** Ca. 80 plants in area of ca. 250 yds<sup>2</sup>, N side of road on bank and gentle slope among shrubs. 2 of 80 plants orange-bracted, the rest yellow. Repr. Status: Flr.**Annotations:** *Castilleja genevievana* G.L. Nesom, det. by Mark Egger, 2006-2007.**References:** Phytologia 72:210. 1992.**Castilleja macrostigma Robinson****Type Status: Isotype****Accession No:** 423192**Bar Code:** 356675**Proofed:** none.**Location:** Mexico, Mexico. Flor de Maria.**Habitat:** Grassy slopes.**Collector:** C.G. Pringle #3194.**Date:** 28 July 1890.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = *Castilleja lithospermoides* var. *flava* Wats. / *Castilleja macrostigma* Robinson, det. by Mark Egger, 2006-2007.**References:** Proc. Amer. Acad. 26:173. 1891.

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<b>Castilleja pallida var. angustata Rob. &amp; Seaton</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 423182	<b>Bar Code:</b> 356683	<b>Proofed:</b> none.
<b>Location:</b> Michoacan, Mexico. Near Patzcuaro.		
<b>Habitat:</b> Grassy slopes.		
<b>Collector:</b> C.G. Pringle #4117.		
<b>Date:</b> 18 July 1892.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> = <i>Castilleja angustata</i> Eastwood. / <i>Castilleja pallida</i> var. <i>angustata</i> Rob. & Seaton, det. by Mark Egger, 2006-2007.		
<b>References:</b> Proc. Amer. Acad. 28:114. 1893.		
<b>Castilleja wightii ssp. rubra Pennell</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 97670	<b>Bar Code:</b> 356691	<b>Proofed:</b> none.
<b>Location:</b> Marin County, California, USA. Route 1. Woods west of Fairfax.		
<b>Habitat:</b> Shale.		
<b>Collector:</b> F.W. Pennell #25452. With J.T. Howell.		
<b>Date:</b> 20 May 1940.		
<b>Miscellaneous:</b> 150-250 ft. altitude. Repr. Status: Flr.		
<b>Annotations:</b> = <i>Castilleja latifolia</i> var. <i>rubra</i> (Penn.) Howell. / ISOTYPE! of <i>Castilleja wightii</i> Elmer ssp. <i>rubra</i> Pennell, det. by Mark Egger, 2006.		
<b>References:</b> Proc. Acad. Nat. Sci. Phil. 99:183. 1947.		
<b>Cordylanthus pallescens Pennell</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 97705	<b>Bar Code:</b> 357855	<b>Proofed:</b> none.
<b>Location:</b> Siskiyou County, California, USA. Route 99, 2-3 mi. north of Mount Shasta City.		
<b>Habitat:</b> Gravelly andesitic slope. 3800 ft.		
<b>Collector:</b> F.W. Pennell #26184.		
<b>Date:</b> 18-19 July 1940.		
<b>Miscellaneous:</b> none. Repr. Status: Flr.		
<b>Annotations:</b> ISOTYPE! <i>Cordylanthus pallescens</i> Pennell, det. by Mark Egger, 2006-2007.		
<b>References:</b> Proc. Acad. Nat. Sci. Phil. 99:197. 1947.		
<b>Cordylanthus tecopensis Munz &amp; Roos</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 66043	<b>Bar Code:</b> 357863	<b>Proofed:</b> none.
<b>Location:</b> Inyo County, California, USA. Tecopa Hot Springs, Mojave Desert.		
<b>Habitat:</b> Common annual with <i>Triglochin</i> , <i>Cirsium</i> , etc.; in sunny moist alkaline seep. 1400 ft.		
<b>Collector:</b> Philip A. Munz #14358. With G.R. Campbell.		
<b>Date:</b> 9 October 1949.		
<b>Miscellaneous:</b> Fls. lavender, plant gray. Repr. Status: Flr & Frt.		
<b>Annotations:</b> ISOTYPE! <i>Cordylanthus tecopensis</i> Munz & Roos, det. by Mark Egger, 2006.		
<b>References:</b> <i>Aliso</i> 2:233. 1950.		

**Gratiola mexicana S. Watson****Type Status: Isotype****Accession No:** 423177      **Bar Code:** 368449      **Proofed:** none.**Location:** Jalisco, Mexico. Plains of Guadalajara.**Habitat:** Shallow water.**Collector:** C.G. Pringle #2468.**Date:** 19 October 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** = Lindernia mexicana Yamazaki.**References:** Proc. Amer. Acad. 25:159. 1890.**Mimulus gemmiparus W.A. Weber****Type Status: Holotype****Accession No:** 248096      **Bar Code:** 378307      **Proofed:** none.**Location:** Larimer County, Colorado, USA. Rocky Mountain National Park; Old Fall River Road.**Habitat:** In protection of granite erratics on seeping, gently sloping granite slope in openings in aspen forest. 10000 ft.**Collector:** W.A. Weber #14062. With Tim Grove.**Date:** 8 July 1970.**Miscellaneous:** In publication, says collection number is 10462; probably a typo. Repr. Status: Flr.**Annotations:** none.**References:** Madroño 21:423-425. 1972.**Mimulus trisulcatus Pennell****Type Status: Isotype****Accession No:** 97646      **Bar Code:** 378323      **Proofed:** none.**Location:** Tulare County, California, USA. Mineral King.**Habitat:** Moist gravelly granitic soil, 7000-7600 ft. alt.**Collector:** F.W. Pennell #26421. With A. Cronquist.**Date:** 6 August 1940..**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Acad. Nat. Sci. Philadelphia 99:161. 1947.**Pedicularis albertae Hulten****Type Status: Isotype?****Accession No:** 147114      **Bar Code:** 392779      **Proofed:** none.**Location:** Alberta, Canada. Banff National Park. Snow Creek Pass 30 miles north of Banff. 51° 37' N Lat. 115° 50' W Long.**Habitat:** Occasional and scattered on heathy slopes. 7200 ft.**Collector:** J.A. Calder #23951. With E. Hulten, A.E. Porsild, W.A. Weber.**Date:** 24 July 1959.**Miscellaneous:** Originally identified as Pedicularis flammea L. Repr. Status: Flr.**Annotations:** none.**References:** Svensk Bot. Tidskr. 55:193. 1961.

**Pedicularis anaticeps Pennell****Type Status: Isotype****Accession No:** 103779**Bar Code:** 392738**Proofed:** none.**Location:** Teton County, Wyoming, USA. Grand Teton National Park, south fork Cascade Creek, west of Jenny Lake.**Habitat:** Rocky (granitic) soil. 9800 -10300 ft. alt.**Collector:** F.W. Pennell #24186. With R.L. Schaeffer, Jr. & Margaret K. Smith.**Date:** 7 August 1938.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Notul. Nat. Acad. Sci. Phila. 95:10. 1942.**Penstemon aggregatus Pennell****Type Status: Cotype****Accession No:** 507753**Bar Code:** 393330**Proofed:** none.**Location:** Uinta County, Wyoming, USA. 1-2 mi. s. of Evanston.**Habitat:** Edge of draw on mountain side, conglomerate. ca. 7000-7300 ft.**Collector:** Francis W. Pennell #5918.**Date:** 26 June 1915.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Contr. U.S. Natl. Herb. 20:367. 1920.**Penstemon ambiguus ssp. laevissimus D.D. Keck****Type Status: Isotype****Accession No:** 87250**Bar Code:** 393355**Proofed:** none.**Location:** Clark County, Nevada, USA. Charleston Mts., Wilson's ranch.**Habitat:** Gravelly, brushy soil. Larrea belt. 1180 m.**Collector:** I.W. Clokey #8113.**Date:** 7 June 1938.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** J. Wash. Acad. Sci. 29:491. 1939.**Penstemon ammophilus N.H. Holmgren & L. Shultz****Type Status: Isotype****Accession No:** 389055**Bar Code:** 393363**Proofed:** none.**Location:** Washington County, Utah, USA. Canaan Mountain, just north of the Utah/Arizona border. TRS: T43S R10W.**Habitat:** "Blow-out" areas in small sand dunes, with *Wyethia scabra*, *Muhlenbergia pungens*. 6950 ft.**Collector:** Leila M. Shultz #5349. With John Anderson.**Date:** 14 June 1981.**Miscellaneous:** Originally identified as *Penstemon* sp. Repr. Status: Flr & Frt.**Annotations:** *Penstemon ammophilus* N.H. Holmgren & L. Shultz, det. W.A. Weber, no date.**References:** Brittonia 34:381. 1982.

**Penstemon angustifolius var. vernalensis N.H. Holmgren****Type Status: Isotype****Accession No:** 351102**Bar Code:** 393371**Proofed:** none.**Location:** Uintah County, Utah, USA. Uinta Basin, Red Cloud Loop Road, 5 km (3.1 mi) north of downtown Maeser. TRS: T3S R21E Sec33.**Habitat:** Locally common in loose sandy soil in sagebrush and occasional juniper. 5800 ft. 1770 m.**Collector:** Noel H. Holmgren #8748. With Patricia K. Holmgren, Rupert C. Barneby.**Date:** 25 May 1978.**Miscellaneous:** Stems 1 to few; herbage glaucous; lvs fleshy; corolla blue w/ violet lines inside throat; anthers black on back; staminode curved at tip, yellow-orange bearded. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 31:229. 1979.**Penstemon barnebyi N.H. Holmgren****Type Status: Isotype****Accession No:** 351112**Bar Code:** 393389**Proofed:** none.**Location:** White Pine County, Nevada, USA. North end of White River Valley, 4.3 km (2.7 mi) up (west) White River road from U.S. Highway 6, 14.4 km (9 mi) airline distance west of Preston. TRS: T12N R60E Sec3.**Habitat:** Among sagebrush in open pinyon-juniper country. 6250 ft. 1900 m.**Collector:** Noel H. Holmgren #8492. With Patricia K. Holmgren.**Date:** 23 June 1977.**Miscellaneous:** Stems often several arising at an angle from a taproot; inflorescence not secund; corolla ventricose-ampliate, strongly bilabiate, the upper lip projecting-arched, the lower lip reflexed, violet, lobes blue toward the tips, throat white within... Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 31:226. 1979.**Penstemon crassifolium Shuttl. ex Benth. in DC.****Type Status: ?****Accession No:** 97101**Bar Code:** 39405**Proofed:** none.**Location:** Florida, USA. Prope Shellpoint.**Habitat:** In pinetis graminosis ad margines paludum.**Collector:** Rugel #sn.**Date:** July 1843.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** = Penstemon pubescens.**References:** Prod. x. p. 327. 1846.

**Penstemon cyanocaulis Payson****Type Status: Isotype****Accession No:** 32811      **Bar Code:** 393413      **Proofed:** none.**Location:** Montrose County, Colorado, USA. Naturita.**Habitat:** Dry mesas. 5500 ft.**Collector:** Edwin Payson #348.**Date:** 25 May 1914.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Bot. Gaz. 60:380. 1915.**Penstemon debilis O'Kane & J.L. Anderson****Type Status: Holotype****Accession No:** 435840      **Bar Code:** 393439      **Proofed:** none.**Location:** Garfield County, Colorado, USA. Roan Cliffs, south side of Mt. Callahan, WSW of Parachute. TRS: T7S R96W Sec16 SW¼ of NE¼.**Habitat:** On steep, S exposure of Green River shale with Holodiscus, Eriogonum, Thalictrum and Cymopterus. 2500 m.**Collector:** S.L. O'Kane #2424. With J.L. Anderson.**Date:** 11 June 1986.**Miscellaneous:** Caudex rhizomatous, corolla white to very light lavender, w/ lavender ring at junction of tube & throat; stamens purple. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 39:412. 1987.**Penstemon distans N.H. Holmgren****Type Status: Isotype****Accession No:** 351106      **Bar Code:** 393447      **Proofed:** none.**Location:** Mohave County, Arizona, USA. Whitmore Canyon, 12.5 km (7.8 mi) south of Mount Trumbull (abandoned town). TRS: T34N R9W Sec29.**Habitat:** Locally common on limestone-gravelly, north-facing slope in pinyon-juniper woodland. 5100 ft. 1550 m.**Collector:** Noel H. Holmgren #9173. With Patricia K. Holmgren, Rupert C. Barneby.**Date:** 25 May 1979.**Miscellaneous:** Corolla throat & limb blue, the tube violet; staminode w/ straight, spreading yellow hairs; anthers blue-gray; calyx lobes straight.... Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 32:326. 1980.

**Penstemon dolius var. duchesnensis N.H. Holmgren****Type Status: Isotype****Accession No:** 351109**Bar Code:** 396200**Proofed:** none.**Location:** Duchesne County, Utah, USA. Uinta Basin, U.S. Highway 40, ca 16 km (10 mi) east of Duchesne, 2 km (1.3 mi) west of Bridgeland turnoff. TRS: T4S R3W Sec8.**Habitat:** Locally common on gravelly hillside with *Artemisia arbuscula*. 5400 ft. 1650 m.**Collector:** Noel H. Holmgren #8762. With Patricia K. Holmgren, Rupert C. Barneby.**Date:** 25 May 1978.**Miscellaneous:** Stems several from an underground taproot; corolla sky blue, the throat round with 2 slight ridges, white inside. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 31:219. 1979.**Penstemon exilifolius A. Nelson****Type Status: Isotype****Accession No:** 55143**Bar Code:** 396127**Proofed:** none.**Location:** Albany County, Wyoming, USA. Halleck Canon.**Habitat:** Dry stony plateaus.**Collector:** Aven Nelson #7460.**Date:** 6 July 1900.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Bull. Torrey Bot. Club 28:230. 1901.**Penstemon exilifolius var. desertus A. Nelson****Type Status: Isotype****Accession No:** 507754**Bar Code:** 396135**Proofed:** none.**Location:** Sweetwater County, Wyoming, USA. Point of Rocks.**Habitat:** Sandstone ridges in the desert.**Collector:** Aven Nelson #7160.**Date:** 12 June 1900.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** *Penstemon laricifolius* H. & A., det. F.W. P. 1916.**References:** Bull. Torrey Bot. Club 28:231. 1901.**Penstemon fremontii var. glabrescens Dorn & Lichvar****Type Status: Isotype****Accession No:** 445639**Bar Code:** 396143**Proofed:** none.**Location:** Garfield County, Colorado, USA. Ca. 19 mi. SE of Douglas Pass. TRS: T7S R100W Sec24 W½ NW¼ NW¼.**Habitat:** Shale slope in mountain brush with *Mentzelia*, *Corydalis*. 8000 ft.**Collector:** R. Dorn #4656.**Date:** 7 July 1987.**Miscellaneous:** Corolla blue-purple. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Madroño 37:195. 1990.



**Penstemon gibbensii Dorn****Type Status: Isotype****Accession No:** 385156**Bar Code:** 396150**Proofed:** none.**Location:** Sweetwater County, Wyoming, USA. TRS: T12N R94W Sec10 NW¼.**Habitat:** Barren sandy slay [clay?] slopes with Purshia, Cryptantha, Oryzopsis. 6400 ft.**Collector:** R.D. Dorn #3685.**Date:** 11 June 1981.**Miscellaneous:** Corolla blue. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 34:334. 1982.**Penstemon glabrescens Pennell****Type Status: Isotype****Accession No:** 507755**Bar Code:** 396168**Proofed:** none.**Location:** Archuleta County, Colorado, USA. Pagosa Springs.**Habitat:** On open mesas and gravelly hillsides.**Collector:** E. Bethel #sn.**Date:** 2 July 1917.**Miscellaneous:** ID Det. by F.W. Pennell. Repr. Status: Flr.**Annotations:** none.**References:** Contr. U.S. Natl. Herb. 20:375. 1920.**Penstemon glandulosus ssp. chelanensis D.D. Keck in Abrams****Type Status: Isotype****Accession No:** 73445**Bar Code:** 396176**Proofed:** none.**Location:** Chelan County, Washington, USA. Along Colockum Creek about 4 mi. from mouth. TRS: T21N R21E.**Habitat:** Steep north slope.**Collector:** George H. Ward #315.**Date:** 2 May 1946.**Miscellaneous:** Dupl. det. D.D. Keck, 1948. Repr. Status: Flr.**Annotations:** none.**References:** Ill. Fl. Pacific States 3:764. 1951.**Penstemon goodrichii N.H. Holmgren****Type Status: Isotype****Accession No:** 351104**Bar Code:** 396192**Proofed:** none.**Location:** Uintah County, Utah, USA. Uinta Basin, Utah Highway 121, 3.7 km (2.3 mi.) east of Lapoint on bluffs of Halfway Hollow. TRS: T5S R19E Sec2.**Habitat:** Locally common on loose loamy slope with scattered Artemisia arbuscula. 5700 ft. 1740 m.**Collector:** Noel H. Holmgren #Patricia K. Holmgren. With Rupert C. Barneby.**Date:** 25 May 1978.**Miscellaneous:** Stems usually several arising from taproot; corolla throat funnelform, lobes spreading, blue with violet lines within throat, nearly regular. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 30:416. 1978.

**Penstemon harringtonii C.W.T. Penland****Type Status: Holotype****Accession No:** 546774      **Bar Code:** 945287      **Proofed:** none.**Location:** Grand County, Colorado, USA. 3-5 miles northwest of Green Mt. Dam.**Habitat:** In sagebrush; common here. 8000 ft.**Collector:** C. William T. Penland #4296.**Date:** 19 June 1952.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Madroño 14:153. 1958.**Penstemon harringtonii Penland****Type Status: Isotype****Accession No:** 110623      **Bar Code:** 396226      **Proofed:** none.**Location:** Grand County, Colorado, USA. 3-5 miles northwest of Green Mt. Dam.**Habitat:** In sagebrush; common here. 8000 ft.**Collector:** C. William T. Penland #4296.**Date:** 19 June 1952.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Madroño 14:153. 1958.**Penstemon immanifestus N.H. Holmgren****Type Status: Isotype****Accession No:** 351110      **Bar Code:** 396242      **Proofed:** none.**Location:** White Pine County, Nevada, USA. Steptoe Valley, U.S. Highway 93, 33.8 km (21 mi) north of McGill. TRS: T21N R64E Sec9.**Habitat:** Common along roadside in sagebrush country. 6100 ft. 1860 m.**Collector:** Noel H. Holmgren #8493. With Patricia K. Holmgren.**Date:** 23 June 1977.**Miscellaneous:** Stems 1 to few arising from thick base surmounted by taproot; herbage glaucous; sepals not spreading; corolla ampliate, throat 2-ridged ventrally, upper lip arched up.... Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 30:334. 1978.**Penstemon keckii Clokey****Type Status: Isotype****Accession No:** 40213      **Bar Code:** 396259      **Proofed:** none.**Location:** Clark County, Nevada, USA. Lee Canyon, Charleston (Spring) Mountains.**Habitat:** Deep gravelly brushy meadow in bed of canyon, with *Pinus ponderosa* var. *scopulorum*. 2670 m.**Collector:** I.W. Clokey #7312. With C.B. Clokey.**Date:** 3 July 1936.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Madroño 4:128. 1937.

**Penstemon laxus A. Nelson****Type Status: Isotype****Accession No:** 332592      **Bar Code:** 396267      **Proofed:** none.**Location:** Blaine County, Idaho, USA. Ketchum.**Habitat:** Sagebrush swales, in the hills. 5887 ft.**Collector:** Aven Nelson #1196. With J.F. Macbride.**Date:** 19 July 1911.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** = *Penstemon watsonii* ssp. *laxus* (Nels.) Keck.**References:** Bot. Gaz. 54:147. 1912.**Penstemon linarioides var. seorsus A. Nelson****Type Status: Isotype****Accession No:** 332598      **Bar Code:** 396275      **Proofed:** none.**Location:** Owyhee County, Idaho, USA. Twilight Gulch.**Habitat:** Lava fields. 5500 ft.**Collector:** J. Francis Macbride #970.**Date:** 22 June 1911.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Bot. Gaz. 54:147. 1912.**Penstemon maguirei Crosswhite****Type Status: Isotype****Accession No:** 253688      **Bar Code:** 396283      **Proofed:** none.**Location:** Nye County, Nevada, USA. 2 mi. W. of the San Antone Range in Smoky Valley.**Habitat:** Locally common, sandy soil, assoc. with *Atriplex confertifolia* and *Tetradymia glabrata*.**Collector:** Holmgren #25884. With McGuire.**Date:** 20 July 1945.**Miscellaneous:** Originally identified as *Penstemon* sp. Repr. Status: Frt.**Annotations:** *Penstemon arenarius* Greene, = *Penstemon maguirei* Crosswhite, Isotype, det. Leila Shultz 1981.**References:** Leafl. W. Bot. 10:171. 1965.**Penstemon moriahensis N.H. Holmgren****Type Status: Isotype****Accession No:** 351105      **Bar Code:** 396309      **Proofed:** none.**Location:** White Pine County, Nevada, USA. Northern Snake Range, south of road to Mt. Moriah, 1.1 km (0.7 mi) beyond summit, 54 km (33.5 mi) airline distance east of Ely. TRS: T17N R68E Sec25.**Habitat:** Locally common to frequent on open sagebrush-grass slopes. 9200 ft. 2800 m.**Collector:** Noel H. Holmgren #8609. With Patricia K. Holmgren.**Date:** 17 July 1977.**Miscellaneous:** Many stems clustered, w/ well-developed short leafy shoots; inflorescence secund; sepal tips spreading; corolla ventricose-ampliate, throat 2-ridged ventrally, upper lip.. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 30:422. 1978.

<b>Penstemon navajoa</b> N.H. Holmgren		<b>Type Status:</b> Isotype
<b>Accession No:</b> 331105	<b>Bar Code:</b> 396333	<b>Proofed:</b> none.
<b>Location:</b> San Juan County, Utah, USA. Navajo Mountain. TRS: T43S R9E.		
<b>Habitat:</b> Frequent in conifer-aspen woods and common in opening at top. Elev. range 3050-3160 m (10,000-10,380 ft.).		
<b>Collector:</b> Noel H. Holmgren #8587. With Patricia K. Holmgren.		
<b>Date:</b> 13 July 1977.		
<b>Miscellaneous:</b> Plants w/ 1 to several flowering stems ascending at an angle in woods and prostrate in open windy areas; inflorescence secund; corolla ventricose-ampliate... Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Brittonia 30:419. 1978.		
<b>Penstemon osterhoutii</b> Pennell		<b>Type Status:</b> Paratype
<b>Accession No:</b> 321174	<b>Bar Code:</b> 396341	<b>Proofed:</b> none.
<b>Location:</b> Garfield County, Colorado, USA. Glenwood Springs.		
<b>Habitat:</b> none.		
<b>Collector:</b> G.E. Osterhout #4702.		
<b>Date:</b> 23 June 1912.		
<b>Miscellaneous:</b> Originally identified as <i>Penstemon secundiflorus</i> Benth. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Contr. U.S. Natl. Herb. 20:358. 1920.		
<b>Penstemon pallescens</b> Osterhout		<b>Type Status:</b> Isotype
<b>Accession No:</b> 321176	<b>Bar Code:</b> 396358	<b>Proofed:</b> none.
<b>Location:</b> Grand County, Colorado, USA. Rabbit Ears Pass.		
<b>Habitat:</b> none.		
<b>Collector:</b> G.E. Osterhout #7280.		
<b>Date:</b> 5 August 1930.		
<b>Miscellaneous:</b> Originally identified as <i>Penstemon</i> . Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Bull. Torrey Bot. Club 37:559. 1931.		
<b>Penstemon parviflorus</b> Pennell		<b>Type Status:</b> Isotype?
<b>Accession No:</b> 402196	<b>Bar Code:</b> 396366	<b>Proofed:</b> none.
<b>Location:</b> Montezuma County, Colorado, USA. Mancos.		
<b>Habitat:</b> none.		
<b>Collector:</b> Alice Eastwood #sn.		
<b>Date:</b> June 1890.		
<b>Miscellaneous:</b> Originally identified as <i>Penstemon jamesii</i> Benth. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Contr. U.S. Natl. Herb. 20:340. 1920.		

**Penstemon patricus N.H. Holmgren****Type Status: Isotype****Accession No:** 351101**Bar Code:** 396374**Proofed:** none.**Location:** Juab County, Utah, USA. Deep Creek Range, Thomas Creek Canyon, on slopes 0.6 Km (0.4 mi) southwest of second cabin, 13 km (8 mi) airline distance west-southwest of Callao. TRS: T11S R18W Sec16.**Habitat:** Locally common on crumbly granite slope. 8000 ft. 2440 m.**Collector:** Noel H. Holmgren #9018. With Patricia K. Holmgren, Ruth E. Kern.**Date:** 16 July 1978.**Miscellaneous:** Plants shrubby, mostly branched from a thick, woody rootstock; corolla bluish-violet, ventricose; anther sacs brown. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 31:238. 1979.**Penstemon paysonii Pennell****Type Status: Isotype****Accession No:** 507756**Bar Code:** 396382**Proofed:** none.**Location:** Montrose County, Colorado, USA. Naturita.**Habitat:** Rocky hillsides. 5400 ft.**Collector:** Edwin Payson #257.**Date:** 27 April 1914.**Miscellaneous:** Originally identified as *Penstemon*. Repr. Status: Flr.**Annotations:** *Penstemon paysonii* Pennell, Isotype, det. F.W. P. 1938.**References:** Contr. U.S. Natl. Herb. 20:342. 1920.**Penstemon penlandii W.A. Weber****Type Status: Holotype****Accession No:** 425454**Bar Code:** 396416**Proofed:** none.**Location:** Grand County, Colorado, USA. Middle Park; 3.8 miles north of the Colorado River along Troublesome Creek road, above east bank of the creek. TRS: T2N R29W Sec30.**Habitat:** On strongly odiferous selenium clay knolls. 2440 m.**Collector:** W.A. Weber #17230. With H. Dahnke.**Date:** 30 July 1986.**Miscellaneous:** 3 sheets; this one in fruit, 1 other in flower. Repr. Status: Flr.**Annotations:** none.**References:** Phytologia 60:459. 1986.

**Penstemon penlandii W.A. Weber****Type Status: Holotype****Accession No:** 425455**Bar Code:** 396408**Proofed:** none.**Location:** Grand County, Colorado, USA. Middle Park; 3.8 miles north of the Colorado River along Troublesome Creek road, above east bank of the creek. TRS: T2N R29W Sec30.**Habitat:** On strongly odiferous selenium clay knolls. 2440 m.**Collector:** W.A. Weber #17230. With H. Dahnke.**Date:** 30 July 1986.**Miscellaneous:** 3 sheets; this one in fruit, 1 other in flower. Repr. Status: Flr.**Annotations:** none.**References:** Phytologia 60:459. 1986.**Penstemon penlandii W.A. Weber****Type Status: Holotype****Accession No:** 425480**Bar Code:** 396390**Proofed:** none.**Location:** Grand County, Colorado, USA. Middle Park; 3.8 miles north of the Colorado River along Troublesome Creek road, above east bank of the creek. TRS: T2N R29W Sec30.**Habitat:** On strongly odiferous selenium clay knolls. 2440 m.**Collector:** W.A. Weber #17230. With H. Dahnke.**Date:** 30 July 1986.**Miscellaneous:** 3 sheets; this one in flower, others in fruit. Repr. Status: Flr.**Annotations:** none.**References:** Phytologia 60:459. 1986.**Penstemon pudicus Reveal & Barneby****Type Status: Isotype****Accession No:** 269217**Bar Code:** 396424**Proofed:** none.**Location:** Nye County, Nevada, USA. NW Reveille Valley drainage basin. Area of Eden Creek Mining Camp se. of Kawich Peak, e. face of no. Kawich Range. TRS: T1N R50E Sec 7 SE¼ and Sec 18.**Habitat:** Common on steep mtn slopes (esp. at margins of Cercocarpus thickets) & along washes & lower slopes in adjacent Pinyon-Juniper woodland. Artemisia tridentata-Cercocarpus ledifolius, and Artemisia-Pinyon-Juniper vegetation type.**Collector:** J. Beatley #12950.**Date:** 5 July 1971.**Miscellaneous:** Elevation range 7600-9000 ft. Corollas violet-blue to azure-blue. Flora of the U.S. Atomic Energy Commission's Nevada Test Site and Vicinity. Repr. Status: Flr.**Annotations:** none.**References:** Bull. Torrey Bot. Club 98:332. 1972.

**Penstemon ramaleyi A. Nelson****Type Status: Isotype****Accession No:** 40125      **Bar Code:** 396432      **Proofed:** none.**Location:** Colorado, USA. San Luis Valley. Villa Grove (3 miles west).**Habitat:** none.**Collector:** Francis Ramaley #15116. With K. Richard Johnson.**Date:** 9 July 1935.**Miscellaneous:** Originally identified as *Penstemon*. Repr. Status: Flr.**Annotations:** *Penstemon crandallii* A. Nels. ssp. *glabrescens* (Pennell) Keck, det. Keck 1938.**References:** Univ. Wyo. Publ. Sci. 3:106. 1937.**Penstemon rhizomatosus N.H. Holmgren****Type Status: Isotype****Accession No:** 470124      **Bar Code:** 396440      **Proofed:** none.**Location:** White Pine County, Nevada, USA. Schell Creek Range, limestone outcrop south of the top of Cave Mountain, 24.5 km (15 mi) air distance east-southeast (114°) of Ely. TRS: T15N R66E Sec19. 39° 09' N Lat. 114° 36' W Long.**Habitat:** Limestone outcrop. Locally common on south-facing talus and frequent in cracks and crevices of rock, surrounded by bristlecone pine. 10600 ft. 3230 m.**Collector:** Noel H. Holmgren #10967. With Karl A. Vincent.**Date:** 4 August 1985.**Miscellaneous:** none. Repr. Status: Frt.**Annotations:** none.**References:** Brittonia 50:162. 1998.**Penstemon saxosorum Pennell****Type Status: Isotype****Accession No:** 507759      **Bar Code:** 396457      **Proofed:** none.**Location:** Albany County, Wyoming, USA. Wood's Creek.**Habitat:** Rocky hillsides.**Collector:** Leslie N. Goodding #1428.**Date:** 3 July 1903.**Miscellaneous:** Originally identified as *Penstemon strictus* Benth. Repr. Status: Flr.**Annotations:** *Penstemon saxosorum* Pennell, Cotype, det. F.W.P. 1916.**References:** Contr. U.S. Natl. Herb. 20:349. 1920.**Penstemon thurberi var. anestius Reveal & Beatley****Type Status: Isotype****Accession No:** 287995      **Bar Code:** 396465      **Proofed:** none.**Location:** Clark County, Nevada, USA. E. Frenchman Flat drainage basin. Upper bajada below sw. end of Buried Hills.**Habitat:** Deep volcanic sands. Larrea-Franseria vegetation type. 3800 ft.**Collector:** J. Beatley #13460. With T. Ackerman.**Date:** 20 June 1973.**Miscellaneous:** Fls pale to deep lavender, base of limbs purple. Flora of the U.S. Atomic Energy Commission's Nevada Test Site and Vicinity. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Great Basin Naturalist 34:230. 1974.

**Penstemon variabilis Suksdorf****Type Status: Isotype****Accession No:** 494328**Bar Code:** 396473**Proofed:** none.**Location:** Klickitat County, Washington, USA. In canyons near the Klickitat River.**Habitat:** none.**Collector:** W.N. Suksdorf #999.**Date:** 11 June 1891.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Deutsche Bot. Monatsschr. 18:153. 1891.**Penstemon versicolor Pennell****Type Status: Isotype****Accession No:** 507758**Bar Code:** 396481**Proofed:** none.**Location:** Pueblo County, Colorado, USA. Mesa n.e. of Pueblo.**Habitat:** Clayey loam. 4700 ft.**Collector:** Francis W. Pennell #5732.**Date:** 5 June 1915.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Contr. U.S. Natl. Herb. 20:358. 1920.**Penstemon xylus A. Nelson****Type Status: Isotype****Accession No:** 507757**Bar Code:** 396499**Proofed:** none.**Location:** Gunnison County, Colorado, USA. Sapinero.**Habitat:** none.**Collector:** H.N. Wheeler #446.**Date:** 1898.**Miscellaneous:** Originally identified as *Penstemon suffruticosus*. Repr. Status: Flr.**Annotations:** *Penstemon xylus* A. Nels., Cotype, det. F.W.P. 1916. / = *Penstemon crandallii* A. Nels. ssp. *crandallii*, det. W.A. Weber 1993.**References:** Bot. Gaz. 34:31. 1902.**Penstemon yampaensis Penland****Type Status: Holotype & s****Accession No:** 546773**Bar Code:** 945295**Proofed:** none.**Location:** Moffat County, Colorado, USA. 5½-6 miles east of Elk Springs.**Habitat:** Sandy, calcareous knoll; with scattering grass & sage.**Collector:** C. William T. Penland #4415.**Date:** 9 June 1953.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Madroño 14:156. 1958.



**Penstemon yampaensis Penland****Type Status: Isotype****Accession No:** 110624      **Bar Code:** 396507      **Proofed:** none.**Location:** Moffat County, Colorado, USA. 5½-6 miles east of Elk Springs.**Habitat:** Sandy, calcareous knoll; with scattering grass & sage.**Collector:** C. William T. Penland #4415.**Date:** 9 June 1953.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Madroño 14:156. 1958.**Russellia worthingtonii B.L. Turner****Type Status: Isotype****Accession No:** 404153      **Bar Code:** 406306      **Proofed:** none.**Location:** Sinaloa, Mexico. Sierra Madre Occidental, 4.9 rd. mi. SW of Santa Lucia. 23° 24' N Lat. 105° 55' W Long.**Habitat:** Open oak forest. 3500 ft.**Collector:** R.D. Worthington #9367. With C.E. Freeman, Rafael Corral Diaz.**Date:** 7 January 1983.**Miscellaneous:** Flowers "cherry" on Exotica color chart. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Phytologia,54:24. 1983.**Seymeria deflexa Eastwood****Type Status: Isotype?****Accession No:** 149422      **Bar Code:** 407049      **Proofed:** none.**Location:** Nuevo Leon, Mexico. Sierra Madre above Monterrey.**Habitat:** Limestone ledges. 3000 ft.**Collector:** C.G. Pringle #10398.**Date:** 19 September 1907.**Miscellaneous:** Plantae Mexicanae.**Annotations:** none.**References:** Proc. Amer. Acad. 44: 607. 1909.**Stemodia macrantha B. L. Robinson****Type Status: Isotype?****Accession No:** 150036      **Bar Code:** 408203      **Proofed:** none.**Location:** Michoacan, Mexico. Falls of Tzararacua.**Habitat:** none. 4000 ft.**Collector:** C.G. Pringle #10356.**Date:** 28 January 1907.**Miscellaneous:** 1-2 m. Plantae Mexicanae. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 43: 27. 1907.

**Veronica mexicana S. Watson****Type Status: Isotype****Accession No:** 422575**Bar Code:** 410506**Proofed:** none.**Location:** Chihuahua, Mexico. Sierra Madre.**Habitat:** Cool damp bluffs of streams.**Collector:** C.G. Pringle #1349.**Date:** 22 September 1887.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 23: 281. 1888.**Family: Selaginellaceae****Selaginella reflexa Underw.****Type Status: Isotype****Accession No:** 424391**Bar Code:** 406835**Proofed:** none.**Location:** Jalisco, Mexico. None given.**Habitat:** Shaded cliffs.**Collector:** C.G. Pringle #2635.**Date:** 20 September 1893.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Veg.**Annotations:** none.**References:** Bull. Torrey Bot. Club 21: 268. 1894.**Family: Sinopteridaceae****Cheilanthes mexicana Davenport****Type Status: Isotype****Accession No:** 424355**Bar Code:** 356782**Proofed:** none.**Location:** Chihuahua, Mexico. Portrero Peak.**Habitat:** Cold ledges and slopes. 7300 ft.**Collector:** C.G. Pringle #827.**Date:** 12 October 1886.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984.**Annotations:** none.**References:** Bull. Torr. Bot. Club 16:227. 1888.**Notholaena bryopoda Maxon****Type Status: ?****Accession No:** 684**Bar Code:** 385690**Proofed:** none.**Location:** Nuevo Leon, Mexico. Base of Sierra de San Lazaro.**Habitat:** Chalky banks. 7500 ft.**Collector:** C.G. Pringle #8802.**Date:** 7 November 1904.**Miscellaneous:** Plantae Mexicanae.**Annotations:** none.**References:** Proc. Biol. Soc. Wash. 18:205. 1905.

**Notholaena californica ssp. nigrescens Ewan****Type Status: ?****Accession No:** 2111**Bar Code:** 385708**Proofed:** none.**Location:** Los Angeles County, California, USA. San Gabriel Canyon, San Gabriel Mts.**Habitat:** Dry sunny rock crevices. 1000 ft.**Collector:** Louis C. Wheeler #878.**Date:** 26 June 1932.**Miscellaneous:** Originally identified as *Notholaena californica* Eaton.**Annotations:** none.**References:** Amer. Fern Journal 32:93. 1942.**Notholaena pringlei Davenport****Type Status: Isotype****Accession No:** 424329**Bar Code:** 385716**Proofed:** none.**Location:** Chihuahua, Mexico. Santa Eulalia Mts.**Habitat:** Dry calcareous ledges and bluffs.**Collector:** C.G. Pringle #441.**Date:** 23 April 1885.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984.**Annotations:** = *Cheilanthes davenportii* Domin.**References:** Bull. Torrey Bot. Cluf 13:132. 1886.**Notholaena rigida Davenport****Type Status: Isotype****Accession No:** 424330**Bar Code:** 385724**Proofed:** none.**Location:** Nuevo Leon, Mexico. Sierra de la Silla.**Habitat:** Limestone ledges.**Collector:** C.G. Pringle #2599.**Date:** 31 May 1889.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984.**Annotations:** = *Cheilanthes rigida* Domin.**References:** Garden & Forest 4:519. 1891.**Pellaea pringlei Davenport****Type Status: Isotype****Accession No:** 422861**Bar Code:** 392761**Proofed:** none.**Location:** Jalisco, Mexico. Near Guadalajara.**Habitat:** Cool mossy banks.**Collector:** C.G. Pringle #2591.**Date:** 19 October 1889.**Miscellaneous:** *Plantae Mexicanae*. Gift from Colorado College 1984.**Annotations:** = *Allosorus pringlei* O. Ktze.**References:** Garden & Forest 4:555. 1891.

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<b>Family: Solanaceae</b>		
<b>Bassovia mexicana B.L. Robinson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422574	<b>Bar Code:</b> 350975	<b>Proofed:</b> none.
<b>Location:</b> San Luis Potosi, Mexico. Tamasopo Canyon.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #3071.		
<b>Date:</b> 14 June 1890.		
<b>Miscellaneous:</b> 5-15 feet. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> = <i>Witheringia mexicana</i> (Robins.) A.T. Hunziker.		
<b>References:</b> Proc. Amer. Acad. 26:171. 1891.		
<b>Bassovia stellata Greenman</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 169484	<b>Bar Code:</b> 350983	<b>Proofed:</b> none.
<b>Location:</b> Hidalgo, Mexico. Shaded bluffs of the barranca below Trinidad Iron Works.		
<b>Habitat:</b> Shaded bluffs. 5000 ft.		
<b>Collector:</b> C.G. Pringle #8824.		
<b>Date:</b> 24 May 1904.		
<b>Miscellaneous:</b> Plantae Mexicanae. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 41:246. 1905.		
<b>Brachistus pringlei S. Watson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422572	<b>Bar Code:</b> 352195	<b>Proofed:</b> none.
<b>Location:</b> Nuevo Leon, Mexico. Sierra de la Silla.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #2544.		
<b>Date:</b> 28 May 1889.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> = <i>Capsicum pringlei</i> (Wats.) Macbride & Standley.		
<b>References:</b> Proc. Amer. Acad. 25:159. 1890.		
<b>Browallia eludens R. Van Devender &amp; P. Jenkins</b>		<b>Type Status: Paratype</b>
<b>Accession No:</b> 453902	<b>Bar Code:</b> 352252	<b>Proofed:</b> none.
<b>Location:</b> Santa Cruz County, Arizona, USA. Canelo Hills, Coronado National Forest; 1 mile north of Canelo Pass. Along Western Canyon stream and its tributaries. TRS: T22S R18E Sec19 NE¼.		
<b>Habitat:</b> Locally common in depositional areas below the floodline along Western Canyon stream and its tributaries (intermittent streams). 5820 ft.		
<b>Collector:</b> P.D. Jenkins #90-106. With T.R. & R.K. VanDevender, J.M. Porter, R.J. Rondeau.		
<b>Date:</b> 25 August 1990.		
<b>Miscellaneous:</b> Erect annual w/ zygomorphic whitish flowers tinged with yellow. Five corolla lobes reflexed back onto the corolla and calyx. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Madroño 40:214-223. 1993.		

**Physalis microphysa Gray****Type Status: Isotype****Accession No:** 423681**Bar Code:** 405399**Proofed:** none.**Location:** Chihuahua, Mexico. Santa Eulalia Mts.**Habitat:** none.**Collector:** C.G. Pringle #116.**Date:** 20 May 1885.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 21:402. 1886.**Withania melanocystis B.L. Robinson****Type Status: Isotype****Accession No:** 423670**Bar Code:** 411603**Proofed:** none.**Location:** San Luis Potosi, Mexico. Tamasopo Canyon.**Habitat:** none.**Collector:** C.G. Pringle #3285.**Date:** June-October 1890.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 26:171. 1891.**Family: Staphyleaceae****Staphylea pringlei S. Watson****Type Status: Isotype****Accession No:** 423669**Bar Code:** 408187**Proofed:** none.**Location:** Nuevo Leon, Mexico. Canyons of the Sierra Madre near Monterey.**Habitat:** none.**Collector:** C.G. Pringle #1936.**Date:** 3 July 1888.**Miscellaneous:** Originally identified as *Staphylea mexicana* Watson. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 25: 146. 1890.**Family: Symplocaceae****Symplocos pringlei B. L. Robinson****Type Status: Isotype****Accession No:** 423660**Bar Code:****Proofed:** none.**Location:** Michoacan, Mexico. Hills of Patzcuaro.**Habitat:** none.**Collector:** .**Date:** 10 November 1890.**Miscellaneous:** A small tree. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 26: 168. 1891.

## Family: Thalictraceae/Ranunculaceae

**Thalictrum pringlei S. Watson****Type Status: Isotype****Accession No:** 423855      **Bar Code:** 410118      **Proofed:** none.**Location:** Jalisco, Mexico. Slopes of the barranca near Guadalajara.**Habitat:** none.**Collector:** C.G. Pringle #2478.**Date:** 29 June 1889.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 25: 141. 1890.**Thalictrum tomentellum B. L. Rob. & Seaton****Type Status: Isotype****Accession No:** 423854      **Bar Code:** 410126      **Proofed:** none.**Location:** Michoacan, Mexico. Low lands about Lake Patzcuaro.**Habitat:** none.**Collector:** C.G. Pringle #4143.**Date:** 15 July 1892.**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 28: 103. 1893.

## Family: Thymelaeaceae

**Dirca mexicana G.L. Nesom & Mayfield****Type Status: Isotype****Accession No:** 457199      **Bar Code:** 362905      **Proofed:** none.**Location:** Tamaulipas, Mexico. Mpio. Hidalgo: along road from Sta. Engracia (Tamps.) to Dulces Nombres (N. Leon), Arroyo Oscuro, 2.0 road mi NE of Los Caballos toward Canada El Mimbres, 15.0 road mi W of lowermost crossing of Arroyo El Mimbres. 23° 59' 09" N Lat. 99° 28' 37" W Long.**Habitat:** Mesic cove forest with *Carya*, *Pinus*, *Pseudotsuga*, *Quercus*, *Carpinus*, *Liquidambar*. 1800 m.**Collector:** Guy Nesom #7863. With Mark Mayfield.**Date:** 3 March 1995.**Miscellaneous:** This species abundant at this locality - at the end of full flower, beginning of fruit set. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Sida 16:459-467. 1995.

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<b>Family: Urticaceae</b>		
<b>Pilea glabra S. Watson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 507762	<b>Bar Code:</b> 505555	<b>Proofed:</b> none.
<b>Location:</b> San Luis Potosi, Mexico. Tamasopo Canyon.		
<b>Habitat:</b> Limestone ledges in shade.		
<b>Collector:</b> C.G. Pringle #3741.		
<b>Date:</b> 24 June 1891.		
<b>Miscellaneous:</b> Perennial; stems simple or several from a common base and with few branches above; at base an inch in diameter. <i>Plantae Mexicanae</i> . Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 26:152. 1891.		
<b>Family: Verbenaceae</b>		
<b>Callicarpa pringlei Briq.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 405835	<b>Bar Code:</b> 356345	<b>Proofed:</b> none.
<b>Location:</b> San Luis Potosi, Mexico. Tamasopo Canyon.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #3094.		
<b>Date:</b> 1890.		
<b>Miscellaneous:</b> Originally identified as <i>Callicarpa ferruginea</i> Swartz. A shrub 15 feet high. <i>Plantae Mexicanae</i> . Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Bull. Herb. Boiss. 4:345. 1896.		
<b>Citharexylum berlandieri B.L. Robinson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422566	<b>Bar Code:</b> 369876	<b>Proofed:</b> none.
<b>Location:</b> San Luis Potosi, Mexico. Las Canoas.		
<b>Habitat:</b> Rocky hills.		
<b>Collector:</b> C.G. Pringle #3222.		
<b>Date:</b> 15 July 1890.		
<b>Miscellaneous:</b> 10-15 feet. <i>Plantae Mexicanae</i> . Gift from Colorado College 1984. Repr. Status: Flr.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 26:174. 1891.		

Page 312 of 322	COLO Type Specimens	Verbenaceae
<b>Duranta penlandi Moldenke</b>		<b>Type Status: ?</b>
<b>Accession No:</b> 421983	<b>Bar Code:</b> 363077	<b>Proofed:</b> none.
<b>Location:</b> Pichincha, Ecuador. Vicinity of Tambillo.		
<b>Habitat:</b> none. 2800 m.		
<b>Collector:</b> C. William Penland #958. With Robert H. Summers.		
<b>Date:</b> 26 June 1939.		
<b>Miscellaneous:</b> Thorny shrub; branches weakly slender, up to 3 m; lvs dark green, lustrous above, paler beneath but still dark; calyx bluish purple but often w/ green; corolla pale blue lilac, slightly irreg.; tube curved; frt tough, juicy, splitting calyx, dull yellow. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Phytologia 1:461. 1940.		
<b>Lippia appendiculata Rob. &amp; Greenm.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422551	<b>Bar Code:</b> 373159	<b>Proofed:</b> none.
<b>Location:</b> San Luis Potosi, Mexico. Mapimi Desert.		
<b>Habitat:</b> Wet alkaline soil.		
<b>Collector:</b> C.G. Pringle #4625.		
<b>Date:</b> 20 November 1891.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> = Burroughsia appendiculata (Rob. & Greenm.) Moldenke.		
<b>References:</b> Proc. Amer. Acad. 29:390. 1894.		
<b>Priva armata S. Watson</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 422536	<b>Bar Code:</b> 406017	<b>Proofed:</b> none.
<b>Location:</b> Nuevo Leon, Mexico. Valley, Monterey.		
<b>Habitat:</b> none.		
<b>Collector:</b> C.G. Pringle #1931.		
<b>Date:</b> 7 July 1888.		
<b>Miscellaneous:</b> Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.		
<b>Annotations:</b> none.		
<b>References:</b> Proc. Amer. Acad. 25:160. 1890.		
<b>Verbena macdougalii forma albiflora Moldenke</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 42339	<b>Bar Code:</b> 410423	<b>Proofed:</b> none.
<b>Location:</b> Colorado, USA. Alamosa Canyon.		
<b>Habitat:</b> none. 8000 ft.		
<b>Collector:</b> Francis Ramaley #16847.		
<b>Date:</b> 14 September 1938.		
<b>Miscellaneous:</b> Originally identified as Verbena stricta Vent. (white-flowered form, rare). Repr. Status: Flr & Frt.		
<b>Annotations:</b> Verbena macdougalii forma albiflora Moldenke, Type, det. H.N. Moldenke 1948.		
<b>References:</b> Phytologia 2: 424. 1948.		



**Vitex pyramidata B. L. Robinson****Type Status: Isotype****Accession No:** 422541**Bar Code:** 411587**Proofed:** none.**Location:** Jalisco, Mexico. Rocky hillsides about Tequila.**Habitat:** Rocky hillsides.**Collector:** C.G. Pringle #4429.**Date:** 29 June 1893.**Miscellaneous:** A large shrub. Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr.**Annotations:** none.**References:** Proc. Amer. Acad. 29: 321. 1894**Family: Violaceae****Alsodeia parvifolia S. Watson****Type Status: Isotype****Accession No:** 422542**Bar Code:** 342378**Proofed:** none.**Location:** San Luis Potosi, Mexico. Hills of Las Canoas.**Habitat:** Limestone ledges.**Collector:** C.G. Pringle #3063.**Date:** 5 July 1890.**Miscellaneous:** Plantae Mexicanae. Gift to Herbarium COLO from Colorado College 1984. Repr. Status: Frt.**Annotations:** none.**References:** Proc. Amer. Acad. 25:142. 1890.**Viola charlestonensis Baker & Clausen****Type Status: Isotype****Accession No:** 405833**Bar Code:** 410548**Proofed:** none.**Location:** Clark County, Nevada, USA. Charleston Mts. Forest Camp No. 1, ridge south of Deer Creek.**Habitat:** Associated with Cercocarpus, Juniperus and an occasional Pinus scopulorum and P. monophylla. 2670 m.**Collector:** I.W. Clokey #7501.**Date:** 23 May 1937.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** Viola purpurea Kell., det. N.H. Russell 1966.**References:** Madroño 8:58. 1945.

**Viola charlestonensis Baker & Clausen****Type Status: Isotype****Accession No:** 86489**Bar Code:** 947895**Proofed:** none.**Location:** Clark County, Nevada, USA. Charleston Mts. Forest Camp No. 1, ridge south of Deer Creek.**Habitat:** Associated with Cercocarpus, Juniperus and an occasional Pinus scopulorum and P. monophylla. 2670 m.**Collector:** I.W. Clokey #7501.**Date:** 23 May 1937.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** Viola purpurea Kell., det. N.H. Russell 1966.**References:** Madroño 8:58. 1945.**Viola charlestonensis Baker & Clausen****Type Status: Isotype****Accession No:** 58143**Bar Code:** 410555**Proofed:** none.**Location:** Clark County, Nevada, USA. Charleston Mts. Forest Camp No. 1, ridge south of Deer Creek.**Habitat:** Associated with Cercocarpus, Juniperus and an occasional Pinus scopulorum and P. monophylla. 2670 m.**Collector:** I.W. Clokey #7501.**Date:** 23 May 1937.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** Viola purpurea Kell., det. N.H. Russell 1966.**References:** Madroño 8:58. 1945.**Viola erectifolia A. Nelson****Type Status: Isotype****Accession No:** 405838**Bar Code:** 425892**Proofed:** none.**Location:** Idaho/Montana, USA. Continental divide, Idaho-Montana line, near Henry Lake.**Habitat:** In moist ground.**Collector:** A. Nelson #5481.**Date:** 21 June 1899.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** Viola praemorsa Dougl. ssp. linguaeifolia (Nutt.) Baker et Clausen, det. M.S. Baker and J. Clausen 1936.**References:** Bot. Gaz. 29:143. 1900.

**Viola lithion** N. H. Holmgren & P. K. Holmgren**Type Status:** Isotype**Accession No:** 470121**Bar Code:** 411546**Proofed:** none.**Location:** White Pine County, Nevada, USA. White Pine Range, upper White River drainage (south fork), near the Nye Co. line, 19 km (12 mi) air distance north of Currant. TRS: T12N R58E Sec14.**Habitat:** Locally common with *Primula parryi*, *Valeriana occidentalis*, and *Thalictrum*, on limestone shelves at the base of an outcrop, the area surrounded by bristlecone pine. 10500 ft. 3050 m.**Collector:** Noel H. Holmgren #9727. With Patricia K. Holmgren.**Date:** 3 August 1980.**Miscellaneous:** Original spelling on label *V. litheon*, but *V. lithion* in Gray Index. Petals pale violet with a yellow throat and dark reddish-violet to violet guide lines, especially on the lower 3 petals; stigmas pale yellow and anthers orange. Repr. Status: Flr.**Annotations:** none.**References:** Brittonia 44:300. 1992.**Viola praemorsa subsp. oregona** M. S. Baker**Type Status:** Isotype**Accession No:** 405834**Bar Code:** 411553**Proofed:** none.**Location:** Oregon, USA. Highway 66 - 20.5 miles from Klamath Falls toward Medford.**Habitat:** none.**Collector:** Milo S. Baker #8662.**Date:** 30 May 1937.**Miscellaneous:** n=24. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Brittonia 9: 228. 1957.**Viola purpurea subsp. xerophyta** M. S. Baker & J. C. Clausen**Type Status:** Isotype**Accession No:** 405836**Bar Code:** 411561**Proofed:** none.**Location:** Tulare County, California, USA. Just south of Farewell Gap.**Habitat:** none. 10000 ft.**Collector:** Milo S. Baker #4375.**Date:** 13 July 1930.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Madroño 10: 116. 1949.

**Viola tomentosa M. S. Baker & J. C. Clausen****Type Status: Isotype****Accession No:** 405837**Bar Code:** 411579**Proofed:** none.**Location:** Nevada County, California, USA. Along old road to Excelsior Point, slightly W. of Hiway 20, 8.6 miles N.W. of junction of Hiways 20 & 40.**Habitat:** In thin forest of Yellow Pine, Incense Cedar, and White Fir. 5000 ft.**Collector:** Milo S. Baker #8722a. With Harrison Smith.**Date:** 9 July 1937.**Miscellaneous:** none. Repr. Status: Flr.**Annotations:** none.**References:** Leafl. W. Bot. 5: 142. 1949.**Family: Viscaceae****Arceuthobium abietis-religiosae Heil****Type Status: Neotype****Accession No:** 180583**Bar Code:** 345835**Proofed:** none.**Location:** Puebla, Mexico. Near km. 78 on road to saddle between Ixtaccihuatl and Popocatepetl.**Habitat:** On *Abies religiosa*; coniferous forest. 10600 ft.**Collector:** D. Wiens #3339. With F. Hawksworth.**Date:** 26 March 1963.**Miscellaneous:** Originally Identified as *Arceuthobium*. Male. Repr. Status: Flr.**Annotations:** *Arceuthobium abietis-religiosae* Heil, det. Del Wiens 1964.**References:** Centralbl. f. Bakt. Abt. 2, 59:28. 1923.**Arceuthobium abietis-religiosae Heil****Type Status: Neotype****Accession No:** 180584**Bar Code:** 345835**Proofed:** none.**Location:** Puebla, Mexico. Near km. 78 on road to saddle between Ixtaccihuatl and Popocatepetl.**Habitat:** On *Abies religiosa*; coniferous forest. 10600 ft.**Collector:** D. Wiens #3339. With F. Hawksworth.**Date:** 26 March 1963.**Miscellaneous:** Originally Identified as *Arceuthobium*. Female. Repr. Status: Frt.**Annotations:** *Arceuthobium abietis-religiosae* Heil, det. Del Wiens 1964.**References:** Centralbl. f. Bakt. Abt. 2, 59:28. 1923.**Arceuthobium apachecum Hawksworth & Wiens****Type Status: Isotype****Accession No:** 259597**Bar Code:** 345868**Proofed:** none.**Location:** Pima County, Arizona, USA. Santa Catalina Mountains, near summit of Mt. Lemmon.**Habitat:** On *Pinus strobiformis* Engelm. Common. 9100 ft.**Collector:** F.G. Hawksworth #1110. With P.C. Lightle, R.L. Gilbertson.**Date:** 13 September 1968.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Brittonia 22:266. 1970.

**Arceuthobium californicum Hawksworth & Wiens****Type Status: Isotype****Accession No:** 259600**Bar Code:** 345876**Proofed:** none.**Location:** Mariposa County, California, USA. Fish Camp, 0.25 miles west of State Highway 41 on Summit Camp Road.**Habitat:** On *Pinus lambertiana* Dougl. 5200 ft.**Collector:** F.G. Hawksworth #1147. With W.J. Hawksworth.**Date:** 6 November 1968.**Miscellaneous:** none. Repr. Status: Frt.**Annotations:** none.**References:** Brittonia 22:266. 1970.**Arceuthobium globosum Hawksworth & Wiens****Type Status: Holotype****Accession No:** 180592**Bar Code:** 346510**Proofed:** none.**Location:** Durango, Mexico. Near km. 1062 on hwy. 40 west of Durango and ca. 1.5 mile east of El Salto.**Habitat:** Pine forest. 8600 ft.**Collector:** D. Wiens #3314. With F. Hawksworth.**Date:** 22 March 1963.**Miscellaneous:** Form with yellow plants and in full flower. Originally identified as *Arceuthobium*. Repr. Status: Flr.**Annotations:** *Arceuthobium globosum* Hawksworth & Wiens, det. Del Wiens 1964.**References:** Brittonia 17:223. 1965.**Arceuthobium globosum Hawksworth & Wiens****Type Status: Type****Accession No:** 180595**Bar Code:** 346528**Proofed:** none.**Location:** Durango, Mexico. Near km. 1062 on hwy. 40 west of Durango and ca. 1.5 mile east of El Salto.**Habitat:** Pine forest. 8600 ft.**Collector:** D. Wiens #3314. With F. Hawksworth.**Date:** 22 March 1963.**Miscellaneous:** Form with yellow plants and in full flower. Originally identified as *Arceuthobium*. Repr. Status: Flr.**Annotations:** *Arceuthobium globosum* Hawksworth & Wiens, det. Del Wiens 1964.**References:** Brittonia 17:223. 1965.

**Arceuthobium guatemalense Hawksworth & Wiens****Type Status: Isotype****Accession No:** 259599**Bar Code:** 346536**Proofed:** none.**Location:** Huehuetenango, Guatemala. Sierra Cuchamatanes, km. 142 on road from Cd. Huehuetenango to Santa Eulalia, 54 km. North of Huehuetenango or 10 km. South of San Juan Ixcoy.**Habitat:** Common. On Pinus ayacahuite Ehrenb. 2430 m.**Collector:** F.G. Hawksworth #1221. With D. Wiens.**Date:** 11 September 1969.**Miscellaneous:** Causes systemic witches' brooms. Associated Pinus pseudostrobus and Abies guatemalensis not parasitized. Repr. Status: Veg.**Annotations:** none.**References:** Brittonia 22:267. 1970.**Arceuthobium hondurense Hawksworth & Wiens****Type Status: Isotype****Accession No:** 259598**Bar Code:** 346544**Proofed:** none.**Location:** Francisco Morazan, Honduras. Piedra Herrada, 22 km. Southeast of Tegucigalpa on road to Escuela Agricola Panamericana.**Habitat:** On Pinus oocarpa Schiede; rare. 1620 m.**Collector:** F.G. Hawksworth #1203. With D. Wiens, A. Molina R..**Date:** 4 September 1969.**Miscellaneous:** none. Repr. Status: Veg.**Annotations:** none.**References:** Brittonia 22:267. 1970.**Arceuthobium rubrum Hawksworth & Wiens****Type Status: Holotype****Accession No:** 187731**Bar Code:** 346551**Proofed:** none.**Location:** Durango, Mexico. 29 miles east of El Salto on hwy. 40 west of Cd. Durango.**Habitat:** Pine-oak forest. Parasite on Pinus teocote. 8600 ft.**Collector:** D. Wiens #3490. With F. Hawksworth.**Date:** 23 July 1963.**Miscellaneous:** Female plant. Repr. Status: Frt.**Annotations:** none.**References:** Brittonia 17:233. 1965.**Arceuthobium rubrum Hawksworth & Wiens****Type Status: Type****Accession No:** 187732**Bar Code:** 346569**Proofed:** none.**Location:** Durango, Mexico. 29 miles east of El Salto on hwy. 40 west of Cd. Durango.**Habitat:** Pine-oak forest. Parasite on Pinus teocote. 8600 ft.**Collector:** D. Wiens #3490. With F. Hawksworth.**Date:** 23 July 1963.**Miscellaneous:** Male plant. Repr. Status: Frt.**Annotations:** none.**References:** Brittonia 17:233. 1965.

**Arceuthobium strictum Hawksworth & Wiens****Type Status: Holotype****Accession No:** 187774      **Bar Code:** 346577      **Proofed:** none.**Location:** Durango, Mexico. 16 miles S of Cd. Durango on road to La Flor.**Habitat:** Pine-oak forest. Parasite on *Pinus chihuahuana*. 7300 ft.**Collector:** D. Wiens #3465. With F. Hawksworth.**Date:** 21 July 1963.**Miscellaneous:** Male plant.**Annotations:** *Arceuthobium strictum* Hawksworth & Wiens, det. Del Wiens 1964.**References:** Brittonia 17:234. 1965.**Arceuthobium strictum Hawksworth & Wiens****Type Status: Type****Accession No:** 187775      **Bar Code:** 346585      **Proofed:** none.**Location:** Durango, Mexico. 16 miles S of Cd. Durango on road to La Flor.**Habitat:** Pine-oak forest. Parasite on *Pinus chihuahuana*. 7300 ft.**Collector:** D. Wiens #3465. With F. Hawksworth.**Date:** 21 July 1963.**Miscellaneous:** Female plant. Repr. Status: Frt.**Annotations:** *Arceuthobium strictum* Hawksworth & Wiens, det. Del Wiens 1964.**References:** Brittonia 17:234. 1965.**Arceuthobium vaginatum ssp. durangense Hawksworth & Wiens****Type Status: Holotype****Accession No:** 187743      **Bar Code:** 346593      **Proofed:** none.**Location:** Durango, Mexico. Near km. 1123 on hwy. 40 several miles west of the crest of the Sierra Madre, west of El Salto.**Habitat:** Pine-oak forest. Parasite on *Pinus durangense*. 8800 ft.**Collector:** D. Wiens #3507. With F. Hawksworth.**Date:** 24 July 1963.**Miscellaneous:** Female plant. Repr. Status: Frt.**Annotations:** *Arceuthobium vaginatum ssp. durangense* Hawksworth & Wiens, det. Del Wiens 1964.**References:** Brittonia 17:230. 1965.**Arceuthobium vaginatum ssp. durangense Hawksworth & Wiens****Type Status: Type****Accession No:** 187742      **Bar Code:** 346601      **Proofed:** none.**Location:** Durango, Mexico. Near km. 1123 on hwy. 40 several miles west of the crest of the Sierra Madre, west of El Salto.**Habitat:** Pine-oak forest. Parasite on *Pinus durangense*. 8800 ft.**Collector:** D. Wiens #3507. With F. Hawksworth.**Date:** 24 July 1963.**Miscellaneous:** Male plant.**Annotations:** *Arceuthobium vaginatum ssp. durangense* Hawksworth & Wiens, det. Del Wiens 1964.**References:** Brittonia 17:230. 1965.

<b>Phoradendron bolleanum ssp. hawksworthii Wiens</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 251266	<b>Bar Code:</b> 425926	<b>Proofed:</b> none.
<b>Location:</b> Texas, USA. Basin, near campground, Big Bend National Park, Chisos Mts.		
<b>Habitat:</b> Oak-juniper woodland. Parasite on <i>Juniperus flaccida</i> , but also on <i>J. deppeana</i> and <i>J. pinchotii</i> in this area. 5400 ft.		
<b>Collector:</b> F.G. Hawksworth #1044. With P. Lytle & Lampie.		
<b>Date:</b> 6 April 1967.		
<b>Miscellaneous:</b> none.		
<b>Annotations:</b> none.		
<b>References:</b> Ined. (Name not in Gray Card Index or Index Kewensis.)		
<b>Phoradendron forestierae B.L. Rob. &amp; Greenm.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 424470	<b>Bar Code:</b> 405365	<b>Proofed:</b> none.
<b>Location:</b> Puebla, Mexico. Hills between Tehuacan and Esperanza.		
<b>Habitat:</b> Parasitic on <i>Forestiera</i> . 6000 ft.		
<b>Collector:</b> C.G. Pringle #6290.		
<b>Date:</b> 23 December 1895.		
<b>Miscellaneous:</b> <i>Plantae Mexicanae</i> . Gift from Colorado College 1984. Repr. Status: Frt.		
<b>Annotations:</b> none.		
<b>References:</b> <i>Proc. Amer. Acad.</i> 32:36. 1896.		
<b>Phoradendron rhipsalium Rzedowski</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 405832	<b>Bar Code:</b> 405373	<b>Proofed:</b> none.
<b>Location:</b> Guanajuato, Mexico. Salvatierra.		
<b>Habitat:</b> Orilla de un canal. Parasito de <i>Taxodium</i> . 1750 m.		
<b>Collector:</b> Rzedowski #28027.		
<b>Date:</b> 22 December 1970.		
<b>Miscellaneous:</b> Planta [hembra], de 2 m de largo, colgante; fruto blanquecino. Repr. Status: Frt.		
<b>Annotations:</b> none.		
<b>References:</b> <i>Cact. y Succ. Mex.</i> 17:102. 1972.		
<b>Razoumofskya tsugensis Rosend.</b>		<b>Type Status: Isotype</b>
<b>Accession No:</b> 507766	<b>Bar Code:</b> 406207	<b>Proofed:</b> none.
<b>Location:</b> Vancouver Island, Canada. District of Renfrew.		
<b>Habitat:</b> Growing on <i>Tsuga heterophylla</i> Sarg.		
<b>Collector:</b> C.O. Rosendahl #826.		
<b>Date:</b> 25 July 1902.		
<b>Miscellaneous:</b> none.		
<b>Annotations:</b> none.		
<b>References:</b> <i>Minnesota Bot. Stud.</i> 3: 272. 1903.		



Family: Vitaceae
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**Vitis byei** Rogers & Rogers **Type Status: ?**  
**Accession No:** 430981      **Bar Code:** 425942      **Proofed:** none.  
**Location:** Chihuahua, Mexico. Mpio. de Guachochic. Ejido Cusarare. Cascada de Cusarare along Rio Cusarare, SW of Cusarare. UTM: Zone 305 10 km N, 24 10 km E.  
**Habitat:** Pine-oak forest with Cupressus and Pseudotsuga. 2100 m.  
**Collector:** Robert A. Bye #9502.  
**Date:** 7 October 1979.  
**Miscellaneous:** Vine with purple-black frts in Fraxinus trees at base of waterfalls. Repr. Status: Frt.  
**Annotations:** none.  
**References:** Ined. (Name not in Gray Card Index or Index Kewensis.)

Family: Xyridaceae
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**Xyris mexicana** S. Watson **Type Status: Isotype**  
**Accession No:** 422674      **Bar Code:** 412999      **Proofed:** none.  
**Location:** Jalisco, Mexico. Near Guadalajara.  
**Habitat:** Swampy places.  
**Collector:** C.G. Pringle #1781.  
**Date:** 16 November 1888.  
**Miscellaneous:** Plantae Mexicanae. Gift from Colorado College 1984. Repr. Status: Flr & Frt.  
**Annotations:** none.  
**References:** Proc. Amer. Acad. 25: 163. 1890.

Family: Zygophyllaceae
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**Guaicum sloanei** Shuttl. ex A. Gray **Type Status: Isotype**  
**Accession No:** 95225      **Bar Code:** 368498      **Proofed:** none.  
**Location:** Florida, USA. Ins. Key West, Florida austr.  
**Habitat:** In sylvis.  
**Collector:** Rugel #68.  
**Date:** April 1846.  
**Miscellaneous:** none. Repr. Status: Frt.  
**Annotations:** = Guaicum verticale.  
**References:** Pl. Wright. 1:29.

**Guaicum sloanei** Shuttl. ex A. Gray **Type Status: Isotype**  
**Accession No:** 95224      **Bar Code:** 368480      **Proofed:** none.  
**Location:** Florida, USA. Ins. Key West, Florida austr.  
**Habitat:** In sylvis.  
**Collector:** Rugel #69.  
**Date:** April 1846.  
**Miscellaneous:** none. Repr. Status: Frt.  
**Annotations:** = Guaicum verticale.  
**References:** Pl. Wright. 1:29.

**Guaicum sloanei** Shuttl. ex A. Gray**Type Status:** Isotype**Accession No:** 95226**Bar Code:** 368472**Proofed:** none.**Location:** Florida, USA. Ins. Key West, Florida austr.**Habitat:** In sylvis.**Collector:** Rugel #69.**Date:** April 1846.**Miscellaneous:** none. Repr. Status: Frt.**Annotations:** = Guaicum verticale.**References:** Pl. Wright. 1:29.**Peganum texanum** M.E. Jones**Type Status:** Isotype**Accession No:** 405831**Bar Code:** 392753**Proofed:** none.**Location:** Texas, USA. Eagle Pass.**Habitat:** none.**Collector:** Marcus E. Jones #sn.**Date:** 27 April 1931.**Miscellaneous:** none. Repr. Status: Frt.**Annotations:** none.**References:** Contr. W. Bot. 18:47. 1933.**Zygophyllum emarginatum** H. Eichler**Type Status:** Isotype**Accession No:** 384618**Bar Code:** 413047**Proofed:** none.**Location:** , Australia. South Australia. North West Plains. Sloanes Bore Out Station, which is on Millers Creek Station and ca. 40 km N of Mt Eba on Stuart Highway.**Habitat:** none.**Collector:** J.Z. Weber #2954.**Date:** 9 October 1971.**Miscellaneous:** none. Repr. Status: Flr & Frt.**Annotations:** none.**References:** Telopea 4: 15. 1990.