

**UPDATED 2020 APS SEED EXCHANGE LIST**

Lot #	No.	Species	Donor	Source/Comments
18-075	4a	<i>P. acuminatus</i> v. <i>latebracteatus</i>	Ron Ratko	Snake River Plain, Owyhee Co., ID, elev. 3,182' dark blue
13-061	6	<i>P. albertinus</i>	Mike Young	Missoula, MT
13-064	6	<i>P. albertinus</i>	Mike Young	John Long Mts, MT
18-076	10a	<i>P. ambiguus</i> v. <i>laevissimus</i>	Ron Ratko	Pine Valley Mts., Washington Co., UT, elev. 4, 898' pale pink
19-096	10a	<i>P. ambiguus</i> v. <i>laevissimus</i>	Steven Love	Garden, Washington Co, UT
13-080	14	<i>P. anguineus</i>	Ron Ratko	Fiddler Mtn., Siskiyou Mts., Josephine Co., OR, elev. 3,800'
16-101	14	<i>P. anguineus</i>	Ron Ratko	Salmon Mts, Trinity Co, CA elev. 6,495 ft
20-061	15b	<i>P. angustifolius</i> v. <i>dulcis</i>	Mikel Stevens	18 miles west of Delta, UT
17-029	15c	<i>P. angustifolius</i> v. <i>venosus</i> (?)	Bob McFarlane	Montezuma, Co., CO, Dk brown, clasping lvs
19-064	18	<i>P. aridus</i>	John Roden	West of Dell, MT, mostly purple
15-044	19	<i>P. arkansanus</i>	Bob McFarlane	Garden, Denver, CO area
16-008	19	<i>P. arkansanus</i>	Bob McFarlane	Garden, Denver, CO area
17-026	19	<i>P. arkansanus</i>	Bob McFarlane	garden, Greenwood Village, CO
19-008	19	<i>P. arkansanus</i>	Bob McFarlane	Garden, Denver area, CO 5,200'
14-062	20	<i>P. attenuatus</i> v. <i>attenuatus</i>	Stephen Love	Garden, Idaho
14-097	20	<i>P. attenuatus</i> v. <i>attenuatus</i>	Ron Ratko	Tucannon Rim, Blue Mts, Garfield Co. WA, elev. 6,125'
14-098	20	<i>P. attenuatus</i> v. <i>attenuatus</i>	Ron Ratko	Grande Ronde Skyline, Blue Mts., Union Co., OR, elev. 5,725'
17-002	20	<i>P. attenuatus</i> v. <i>attenuatus</i>	Jay Lunn	Klickitat Co., WA
20-017	20	<i>P. attenuatus</i>	Beth Corbin	Garden, Marsing, ID 2,240', 40.5518 N, -121.16166 W
19-073	24	<i>P. azureus</i> v. <i>angustissimus</i>	Ron Ratko	Cascade Range, Tehama Co, CA 1,542m Volcanic substrate
19-074	24	<i>P. azureus</i> v. <i>angustissimus</i>	Ron Ratko	High N. coast ranges, Mendocino Co, Ca 1,889m Phyllite substrate
19-075	24a	<i>P. azureus</i> v. <i>azureus</i>	Ron Ratko	Inner N. coast ranges, Tehama Co, CA 934m serpentinite substrate
19-076	24a	<i>P. azureus</i> v. <i>azureus</i>	Ron Ratko	High N. coast ranges, Tehama Co, CA 1,462m schistose substrate
13-054	26	<i>P. barbatus</i>	Ginny Maffit	New Mexico
13-066	26	<i>P. barbatus</i>	Mike Young	Garden
14-032	26	<i>P. barbatus</i> v. <i>barbatus</i>	Ginny Maffit	Garden, Portland, OR area
15-135	26	<i>P. barbatus</i> v. <i>barbatus</i>	Ginny Maffit	
15-143	26	<i>P. barbatus</i> v. <i>barbatus</i>	Ginny Maffit	Angel Fire, NM
18-046	26	<i>P. barbatus</i>	Lupita Wesseler	Garden, Bend, OR elev. 3,600 ft
19-005	26	<i>P. barbatus</i>	Larry Hawkins	Parkdale, OR, garden grown
19-009	26	<i>P. barbatus</i>	Bob McFarlane	Garden, Denver area, CO 5,200'
20-014	26	<i>P. barbatus</i> v. "praecox"	Jay Lunn	Pristine Lila Purple'
20-018	26	<i>P. bartatus</i> X Coral Baby	Beth Corbin	Garden, Marsing, ID 2,240', 40.5518 N, -121.16166 W
20-027	26	<i>P. barbatus</i>	Larry Hawkins	Garden, Parkdale, OR
15-048	27	<i>P. barneyi</i>	Bob McFarlane	White Pine County, NV
16-019	27	<i>P. barneyi</i>	Bob McFarlane	White Pine County, NV
17-042	27	<i>P. barneyi</i>	Bob McFarlane	Hwy. 6 West of Ely, NV
19-010	27	<i>P. barneyi</i>	Bob McFarlane	West of Ely, NV on US 6
14-033	28	<i>P. barrettiae</i>	Ginny Maffit	Garden, Portland, OR area
17-003	28	<i>P. barrettiae</i>	Jay Lunn	Klickitat Co., WA
17-023	28	<i>P. barrettiae</i>	Bob McFarlane	Garden, Greenwood Village, CO
17-083	28	<i>P. barrettiae</i>	Ginny Maffitt	Garden, Sherwood, OR
18-048	28	<i>P. barrettiae</i>	Lupita Wesseler	Garden, Bend, OR elev. 3,600 ft
18-066	28	<i>P. barrettiae</i>	Ginny Maffit	Garden, Portland, OR area
20-001	28	<i>P. barrettiae</i>	Lupita Wesseler	Bend, OR, garden grown
15-152	33	<i>P. brandegeei</i>	Mike Kintgen	
19-104	33	<i>P. brandegeei</i>	Mike Kintgen	Garden, Denver, CO
15-105	43	<i>P. canescens</i>	Laurence Hawkins	
14-063	44	<i>P. cardinalis</i>	Stephen Love	Garden, Idaho

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Lot #	No.	Species	Donor	Source/Comments
15-090	44	<i>P. cardinalis</i>	Ray Deutsch	
15-106	44	<i>P. cardinalis</i>	Laurence Hawkins	
17-069	44	<i>P. cardinalis</i>	Louise Parsons	Garden, Corvallis, OR
14-014	45	<i>P. cardwellii</i>	Louise Parsons	Garden, Corvallis, OR
16-041	45	<i>P. cardwellii</i>	Jay Lunn	Garden, Clackamas County, OR elev. 3,100 ft
18-060	45	<i>P. cardwellii</i>	Ginny Maffit	Garden, Portland, OR area
20-003	45	<i>P. cardwellii</i>	Jay Lunn	Clackamas County, OR, 3,100'
20-028	45	<i>P. cardwellii</i>	Larry Hawkins	Garden, Parkdale, OR
13-099	46	<i>P. carnosus</i>	Bob McFarlane	Garden, Denver area, CO
13-098	52a	<i>P. clevelandii v. connotus</i>	Bob McFarlane	Garden, Denver area, CO
15-005	52a	<i>P. clevelandii v. connatus</i>		Santa Rosa Mts., CA, elev. 4,000'
18-017	52a	<i>P. clevelandii v. connotus</i>	Bob McFarlane	Garden, Denver area, CO
14-065	53	<i>P. clutei</i>	Stephen Love	Garden, Idaho
14-165	53	<i>P. clutei</i>	Bob McFarlane	Garden, Denver area, CO
15-050	53	<i>P. clutei</i>	Bob McFarlane	Garden, Denver area, CO
16-002	54	<i>P. cobaea</i>	Bob McFarlane	Garden, Denver area, CO
17-025	54	<i>P. cobaea</i>	Bob McFarlane	Garden, Greenwood Village, CO
18-019	54	<i>P. cobaea</i>	Bob McFarlane	Scotty's Garden
14-066	55	<i>P. comarrhenus</i>	Stephen Love	Garden, Idaho
19-013	55	<i>P. comarrhenus</i>	Bob McFarlane	Garden, Denver area, CO 5,200'
15-055	57	<i>P. concinnus</i>	Bob McFarlane	White Pine County, NV
19-014	57	<i>P. concinnus</i>	Bob McFarlane	White Pine County, NV
13-088	58	<i>P. confertus</i>	Ron Ratko	Table Mtn, Wenatchee Mtns., Kittitas Co., WA, elev. 5,925'
15-099	58	<i>P. confertus</i>	Laurence Hawkins	
16-038	58	<i>P. confertus</i>	Jay Lunn	
18-004	58	<i>P. confertus</i>	Jay Lunn	
18-059	58	<i>P. confertus</i>	Ginny Maffit	Garden, Portland, OR area
18-078	58	<i>P. confertus</i>	Ron Ratko	Wenatchee Mts., Kittitas Co., WA, elev. 6,233' light yellow
19-001	58	<i>P. confertus</i>	Larry Hawkins	Parkdale, OR, garden grown
20-030	58	<i>P. confertus</i>	Larry Hawkins	Garden, Parkdale, OR
14-084	59	<i>P. confusus</i>	Reynolds	Iron County, UT, elev. 6,000'
14-153	59	<i>P. confusus</i>	Bob McFarlane	Iron County, UT
17-045	59	<i>P. confusus</i>	Bob McFarlane	Pinto Rd, Piute, Iron Co., UT. 24" tall
19-129	63	<i>P. cyananthus</i>	Gayle Lehman	Yampa River Botanic Park, CO
20-004	63	<i>P. cyananthus v. cyananthus</i>	Jay Lunn	
19-065	64	<i>P. cyaneus</i>	John Roden	Garden, Lima, MT
20-019	64	<i>P. cyaneus</i>	Beth Corbin	Garden, Marsing, ID 2,240', 40.5518 N, -121.16166 W
20-040	64	<i>P. cyaneus</i>	John Roden	Garden, Lima, MT
15-009	65	<i>P. cyanocaulis</i>	Bob McFarlane	Uncompadre Plateau, CO
20-062	65	<i>P. cyanocaulis</i>	Mikel Stevens	~ 20 miles ESE of Wellington, UT
19-015	66	<i>P. cyathoporus</i>	Bob McFarlane	Grand County, CO
18-063	68a	<i>P. davidsonii v. menziesii</i>	Ginny Maffit	Garden, Portland, OR area
19-041	68b	<i>P. davidsonii v. praeteritus</i>	Beth Corbin	Steens Mt., Harney Cty, OR elev. 7,500' 42.7347 N, -118.6418 W
19-044	68	<i>P. davidsonii</i>	David Cammack	Clackamas County, OR
19-047	68b	<i>P. davidsonii v. praeteritus</i>	Jay Lunn	Garden, Hillsboro, OR
19-077	73a	<i>P. deustus v. pedicellatus</i>	Ron Ratko	Northern Sierra Nevada, Plumas Co, CA 1,555m
19-097	73	<i>P. deustus</i>	Steven Love	Garden, Pwer County, UT, Light pink flowers
13-025	74	<i>P. digitalis</i>	Louise Parsons	
14-018	74	<i>P. digitalis</i>	Don Humphrey	

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Lot #	No.	Species	Donor	Source/Comments
15-079	74	<i>P. digitalis</i>	Christine Baer	Newaygo County, MI
16-040	74	<i>P. digitalis</i>	Jay Lunn	Garden, Portland, OR area
17-070	74	<i>P. digitalis</i>	Louise Parsons	Garden, Corvallis, OR, white
18-005	74	<i>P. digitalis</i>	Jay Lunn	
18-052	74	<i>P. digitalis</i>	Ginny Maffit	Garden, Portland, OR area
19-048	74	<i>P. digitalis</i> 'Husker Red'	Jay Lunn	Garden, Hillsboro, OR
16-125	75	<i>P. diphyllus</i>	K. Brower	Pipestone, MT
18-042	75	<i>P. diphyllus</i>	Beth Corbin	Garden, Marsing, ID, 2,240' 43.563414 N - 116.807982 W
18-057	75	<i>P. diphyllus</i>	Ginny Maffit	Garden, Portland, OR area
17-046	81	<i>P. eatonii</i>	Bob McFarlane	Junction hwy I-15 & US 89 UT 7000'
18-039	81	<i>P. eatonii</i>	Beth Corbin	Garden, Marsing, ID, 2,240' 43.563414 N - 116.807982 W
20-031	81	<i>P. eatonii</i>	Larry Hawkins	Garden, Parkdale, OR
14-036	82	<i>P. elegantulus</i>	Ginny Maffit	Garden, Portland, OR area
15-132	82	<i>P. elegantulus</i>	Ginny Maffit	Garden, Portland, OR area
14-068	84	<i>P. eriantherus</i>	Stephen Love	Garden, Idaho
15-078	84	<i>P. eriantherus</i>	John Weiser	Garden, Idaho
18-097	84	<i>P. eriantherus</i>	Mike Kintgen	Garden, Denver area, CO
19-049	84	<i>P. eriantherus</i>	Jay Lunn	Garden, Hillsboro, OR
19-066	84	<i>P. eriantherus</i>	John Roden	West of Dell, MT
19-105	84	<i>P. eriantherus</i>	Mike Kintgen	Garden, Denver, CO
14-031	85	<i>P. euglaucus</i>	Jay Lunn	
15-115	85	<i>P. euglaucus</i>	Jay Lunn	
15-120	85	<i>P. euglaucus</i>	Jay Lunn	Hood River County, OR elev. 6,000 ft
16-039	85	<i>P. euglaucus</i>	Jay Lunn	Garden, Portland area
16-042	85	<i>P. euglaucus</i>	Jay Lunn	Hood River County, OR elev. 3,100 ft
18-049	85	<i>P. euglaucus</i>	Lupita Wesseler	West of Bend, OR elev. 5,600 ft
18-055	85	<i>P. euglaucus</i>	Ginny Maffit	Garden, Portland, OR area
19-050	85	<i>P. euglaucus</i>	Jay Lunn	Garden, Hillsboro, OR
20-005	85	<i>P. euglaucus</i>	Jay Lunn	Hood River Cty, OR, 3,100'
18-022	87	<i>P. fasciculatus</i>	Bob McFarlane	Garden, Denver area, CO
14-091	93	<i>P. floridus v. autinii</i>	J. Shields	
15-010	93a	<i>P. floridus v. floridus</i>	Bob McFarlane	Inyo County, CA
16-022	93	<i>P. floridus v. autinii</i>	Bob McFarlane	Near Lida, NV
16-093	93a	<i>P. floridus v. floridus</i>	Ron Ratko	E. Sierra Nevada, Mono County, CA, elev. 6,385'
16-094	93	<i>P. floridus v. autinii</i>	Ron Ratko	Inyo Mts., Inyo County, CA, elev. 5'810'
17-057	93a	<i>P. floridus v. floridus</i>	Bob McFarlane	Death Valley Rd., CA
17-058	93	<i>P. floridus v. austinii</i>	Bob McFarlane	Near Lida, NV
18-023	93	<i>P. floridus v. austinii</i>	Bob McFarlane	NV, 1-2 miles west of Lida
19-017	93a	<i>P. floridus v. floridus</i>	Bob McFarlane	Inyo County, CA
13-135	95	<i>P. franklinii</i>	Stephen Love	Iron County, UT
14-069	95	<i>P. franklinii</i>	Stephen Love	Garden, Idaho
16-012	95	<i>P. franklinii</i>	Bob McFarlane	Iron County, N. of Cedar City, UT
17-049	95	<i>P. franklinii</i>	Bob McFarlane	NW of Cedar City, UT
20-063	95	<i>P. franklinii</i>	Mikel Stevens	~ 7 miles NW of Enoch, UT
19-131	97	<i>P. fruticiformis v. amargosae</i>	Charlene Duncan	Garden, Reno, NV
14-038	98	<i>P. fruticosus v. fruticosus</i>	Ginny Maffit	Garden, Portland, OR area
14-039	98a	<i>P. fruticosus v. scouleri</i>	Ginny Maffit	Garden, Portland, OR area
14-055	98	<i>P. fruticosus v. fruticosus</i>	Ginny Maffit	Santiam Pass, NW of Sisters, OR
14-102	98	<i>P. fruticosus v. fruticosus</i>	Ron Ratko	Grande Ronde Skyline, Blue Mts., Union Co., OR, elev. 5,175'

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Lot #	No.	Species	Donor	Source/Comments
14-103	98	<i>P. fruticosus</i> v. <i>fruticosus</i>	Ron Ratko	Bethel Ridge, Yakima County, WA, elev. 6,125'
14-104	98	<i>P. fruticosus</i> v. <i>fruticosus</i>	Ron Ratko	Marble Point, Wallowa Mtns, Wallowa Cty, OR, elev. 8,600'
14-105	98	<i>P. fruticosus</i> v. <i>fruticosus</i>	Ron Ratko	Cabin Mtn., Kitlitas County, WA, elev. 4,375'
14-108	98b	<i>P. fruticosus</i> v. <i>serratus</i>	Ron Ratko	Above Saw Pit saddle, Cold Srps Mts, Idaho Cty, ID, elev. 5,600'
15-121	98	<i>P. fruticosus</i>	Jay Lunn	Hood River County, OR, elev. 6,000'
17-004	98	<i>P. fruticosus</i> v. <i>fruticosus</i>	Jay Lunn	Klickitat Co., WA
17-073	98	<i>P. fruticosus</i> v. <i>fruticosus</i>	Ginny Maffitt	Hood River Co., OR
19-106	98	<i>P. fruticosus</i>	Mike Kintgen	Garden, Steamboat Springs, CO
19-107	98b	<i>P. fruticosus</i> v. <i>scouleri</i>	Mike Kintgen	Garden, Steamboat Springs, CO
20-006	98	<i>P. fruticosus</i>	Jay Lunn	Hood River Cty, OR, 2,900'
19-051	100	<i>P. gentianoides</i>	Jay Lunn	Garden, Hillsboro, OR
19-052	103	<i>P. glaber</i> v. <i>alpinus</i>	Jay Lunn	Garden, Hillsboro, OR
19-108	103	<i>P. glaber</i>	Mike Kintgen	Garden, Steamboat Springs, CO
14-111	106a	<i>P. glandulosus</i> v. <i>glandulosus</i>	Ron Ratko	Summit Ck Ridge, Baker Co., OR, elev. 4,540'
14-112	106a	<i>P. glandulosus</i> v. <i>glandulosus</i>	Ron Ratko	Stevens Ridge, Garfield Co., WA, elev. 4,150'
17-001	106	<i>P. glandulosus</i> v. <i>chelanensis</i>	Jay Lunn	Klickitat Co., WA
13-133	108	<i>P. globosus</i>	Stephen Love	Aberdeen, ID
14-114	108	<i>P. globosus</i>	Ron Ratko	Mt. Howard, Wallowa Mts., Wallowa Co., OR, elev. 8,075'
19-042	111	<i>P. gracilentus</i>	Beth Corbin	Lassen Cty, CA, S. of Bogard Buttes, 1,980m, 40.5518N, -121.16166W
19-098	112	<i>P. gracilis</i>	Steven Love	Garden, light lavender flowers
15-013	114	<i>P. grandiflorus</i>	Bob McFarlane	Higline canal near Denver, CO
15-072	114	<i>P. grandiflorus</i>	John Weiser	Garden, Emmons County, ND
15-084	114	<i>P. grandiflorus</i>	Don Humphrey	
15-103	114	<i>P. grandiflorus</i>	Laurence Hawkins	
16-129	114	<i>P. grandiflorus</i>	Jim Swayne	Garden, Brower, MT
19-004	114	<i>P. grandiflorus</i>	Larry Hawkins	Parkdale, OR, garden grown
19-018	114	<i>P. grandiflorus</i>	Bob McFarlane	Garden, Denver area, CO 5,200'
20-020	114	<i>P. grandiflorus</i>	Beth Corbin	Garden, Marsing, ID 2,240', 40.5518 N, -121.16166 W
20-032	114	<i>P. grandiflorus</i>	Larry Hawkins	Garden, Parkdale, OR
14-070	115	<i>P. griffinii</i>	Stephen Love	Garden, Idaho
15-004	116	<i>P. grinnellii</i> v. <i>grinnellii</i>	Richard Lengyel	San Jacinto Mts., CA, elev. 7,000'
16-075	116a	<i>P. grinnellii</i> v. <i>scrophularioides</i>	Ron Ratko	S. coast ranges, San Benito County, CA, elev. 2,995'
16-076	116a	<i>P. grinnellii</i> v. <i>scrophularioides</i>	Ron Ratko	Kern plateau, Tulare County, CA, elev. 2,960'
16-095	116a	<i>P. grinnellii</i> v. <i>scrophularioides</i>	Ron Ratko	Kern plateau, Tulare County, CA, elev. 7,040'
17-060	116	<i>P. grinnellii</i>	Bob McFarlane	San Bernadino Mts., CA
18-084	116a	<i>P. grinnellii</i> v. <i>scrophularioides</i>	Ron Ratko	Breckenridge Mtn., Kern Co., CA, elev. 5,430' lavender-violet
18-099	118	<i>P. hallii</i>	Mike Kintgen	Garden, Denver, CO ex. Park County, CO
19-109	118	<i>P. hallii</i>	Mike Kintgen	Garden, Steamboat Springs, CO ex. Park County, CO
19-019	120	<i>P. harringtonii</i>	Bob McFarlane	E. of State Bridge on Colorado, Rv, CO
14-080	122	<i>P. havardii</i>	Stephen Love	Garden, Idaho
15-014	122	<i>P. havardii</i>	Bob McFarlane	Garden, Denver area, CO
16-047	122	<i>P. havardii</i>	Louise Parsons	Garden, Corvallis, OR Red-pink
17-027	122	<i>P. havardii</i>	Bob McFarlane	Garden, Greenwood Village, CO
18-024	122	<i>P. havardii</i>	Bob McFarlane	Garden, Denver area
19-020	122	<i>P. havardii</i>	Bob McFarlane	Garden, Denver area, CO 5,200'
14-041	124.5	<i>P. hesperius</i>	Ginny Maffitt	Portland, OR area
15-133	124.5	<i>P. hesperius</i>	Ginny Maffitt	Garden, Portland, OR area
17-085	124.5	<i>P. hesperius</i>	Ginny Maffitt	Garden, Sherwood, OR
18-069	124.5	<i>P. hesperius</i>	Ginny Maffitt	Garden, Portland, OR area

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15-080	129	<i>P. hirsutus</i>	Christine Baer	Kent County, MI
15-086	129	<i>P. hirsutus</i>		
15-109	129	<i>P. hirsutus</i>	Jay Lunn	
15-110	129	<i>P. hirsutus</i> (v. <i>pygmaeus</i> )	Jay Lunn	
16-031	129	<i>P. hirsutus</i> 'Pygamaeus' 'Albus'	Jay Lunn	
16-032	129	<i>P. hirsutus</i> 'Pygamaeus'	Jay Lunn	
16-106	129	<i>P. hirsutus</i>	Ron Ratko	Garden
17-008	129	<i>P. hirsutus</i>	Jay Lunn	Garden, Hillsboro, OR
17-009	129	<i>P. hirsutus</i> <i>pygmaeus</i> 'Albus'	Jay Lunn	Garden, Hillsboro, OR
18-007	129	<i>P. hirsutus</i>	Jay Lunn	
18-008	129	<i>P. hirsutus</i> 'Pygamaeus' 'Albus'	Jay Lunn	
19-053	129	<i>P. hirsutus</i> 'Pygmaeus'	Jay Lunn	Garden, Hillsboro, OR
19-054	129	<i>P. hirsutus</i> 'Pygmaeus' 'Albus'	Jay Lunn	Garden, Hillsboro, OR
17-037	130	<i>P. humilis</i>	Bob McFarlane	Angel Lake Rd, Lake Co., NV
18-065	130	<i>P. humilis</i> v. <i>brevifolius</i>	Ginny Maffit	Garden, Portland, OR area
19-079	130a	<i>P. humilis</i> v. <i>humilis</i>	Ron Ratko	Eastern Cascade Range, Yakima Co, WA 1,816m
19-021	133	<i>P. immanifestus</i>	Bob McFarlane	White Pine County, NV
15-018	134	<i>P. incertus</i>	Bob McFarlane	Garden, Denver area, CO
16-004	134	<i>P. incertus</i>	Bob McFarlane	Garden, Denver area, CO
16-072	134	<i>P. incertus</i>	Ron Ratko	Kern Plateau, Tulare County, CA, elev. 6,210'
15-064	140.5	<i>P. kunthii</i>	Louise Parsons	Garden, Corvallis, OR cherry red
16-048	140.5	<i>P. kunthii</i>	Louise Parsons	Garden, Corvallis, OR Hot pink
16-051	140.5	<i>P. kunthii</i>	Louise Parsons	Garden, Corvallis, OR Cherry red
17-065	140.5	<i>P. kunthii</i>	Louise Parsons	Garden, Corvallis, OR pink and red early
17-067	140.5	<i>P. kunthii</i>	Louise Parsons	Garden, Corvallis, OR, cherry red
18-068	140.5	<i>P. kunthii</i>	Ginny Maffit	Garden, Portland, OR area
20-033	140.5	<i>P. kunthii</i>	Larry Hawkins	Garden, Parkdale, OR
18-087	142	<i>P. laetus</i> v. <i>laetus</i>	Ron Ratko	Greenhorn Mts., Kern Co., CA, elev. 5,470' purple-blue
19-080	142a	<i>P. laetus</i> v. <i>leptosepalus</i>	Ron Ratko	Cascade Range, Tehama Co, CA 1,192m
15-020	144	<i>P. laevis</i>	Bob McFarlane	Pink Coral Sand Dunes, UT
19-022	144	<i>P. laevis</i>	Bob McFarlane	Kane County, UT
19-110	146a	<i>P. laricifolius</i> v. <i>laricifolius</i>	Mike Kintgen	Garden, Denver, CO
19-023	149	<i>P. leiophyllus</i>	Bob McFarlane	Iron County, UT
19-067	150	<i>P. lemhiensis</i>	John Roden	Chief Joseph Pass, MT
18-085	152	<i>P. leonardii</i> v. <i>higginsii</i>	Ron Ratko	Pine Valley Mts., Washington Co., UT, elev. 5,600' lavender
15-042	153	<i>P. leonensis</i>	Bob McFarlane	Garden, Denver area, CO
19-024	153	<i>P. leonensis</i>	Bob McFarlane	Garden, Denver area, CO 5,200'
13-141	154d	<i>P. linarioides</i> v. <i>sileri</i>	Taylor	Garden
14-030	154d	<i>P. linarioides</i> v. <i>sileri</i>	Jay Lunn	
13-130	156	<i>P. lyallii</i>	Stephen Love	Aberdeen, ID
20-065	157	<i>P. marcusii</i>	Mikel Stevens	~ 1.25 miles south of Wellington, UT
17-021	158	<i>P. mensarum</i>	Bob McFarlane	Garden, Greenwood Village, CO
17-116	158	<i>P. mensarum</i>	Mike Kintgen	Garden, Denver, CO
19-026	158	<i>P. mensarum</i>	Bob McFarlane	Grand Mesa, CO
19-068	165	<i>P. montanus</i>	John Roden	West of Lima, MT
13-109	167.5	<i>P. mucronatus</i>	Bob McFarlane	Moffat County, CO
13-124	167.5	<i>P. mucronatus</i>	Stephen Love	Moffat County, CO, elev. 7,700'
15-029	167.5	<i>P. mucronatus</i>	Bob McFarlane	Road 10, Browns Park, CO
19-027	169	<i>P. murrayanus</i>	Bob McFarlane	Garden, Denver area, CO 5,200'

**UPDATED 2020 APS SEED EXCHANGE LIST**

Lot #	No.	Species	Donor	Source/Comments
18-044	173	<i>P. neotericus</i>	Beth Corbin	Lassen NP Shasta Cty, CA 40.702024 N - 121.406069W
19-081	173	<i>P. neotericus</i>	Ron Ratko	Northern Sierra Nevada, Plumas Co, CA 1,665m
20-036	173	<i>P. neotericus</i>	Larry Hawkins	Garden, Parkdale, OR
16-070	174	<i>P. newberryi v. berryi</i>	Ron Ratko	N. Coast Ranges, Humboldt County, CA, elev. 5,630'
16-077	174a	<i>P. newberryi v. newberryi</i>	Ron Ratko	Greenhorn Mts., Tulare County, CA, elev. 7,315'
17-051	174	<i>P. newberryi</i>	Bob McFarlane	Rock Creek, Inyo Co., CA
19-082	174a	<i>P. newberryi v. newberryi</i>	Ron Ratko	Northern Sierra Nevada, Plumas Co, CA 1,814m
19-099	180	<i>P. oliganthus</i>	Steven Love	Garden, blue-violet flowers
19-029	181	<i>P. osterhoutii</i>	Bob McFarlane	Along Colorado River near State Bridge, CO
15-063	182	<i>P. ovatus</i>	Bob McFarlane	White Pine County, NV
16-053	182	<i>P. ovatus</i>	Louise Parsons	
17-063	182	<i>P. ovatus</i>	Louise Parsons	Garden, Corvallis, OR
17-088	182	<i>P. ovatus</i>	Ginny Maffitt	Garden, Sherwood, OR 30" purple
18-056	182	<i>P. ovatus</i>	Ginny Maffitt	Garden, Portland, OR area
20-034	182	<i>P. ovatus</i>	Larry Hawkins	Garden, Parkdale, OR
14-154	183	<i>P. pachyphyllus</i>	Bob McFarlane	Iron County, UT
15-006	183	<i>P. pachyphyllus</i>	Bob McFarlane	Highway 50, west of Ely, NV
15-070	183	<i>P. pachyphyllus</i>	John Weiser	Garden
17-041	183	<i>P. pachyphyllus</i>	Bob McFarlane	Hwy. 50 West of Ely, NV
19-030	183	<i>P. pachyphyllus</i>	Bob McFarlane	Near Ocedla in White Pine County, NV
20-073	183a	<i>P. pachyphyllus v. pachyphyllus</i>	Mikel Stevens	Near Strawberry, UT
17-048	186	<i>P. palmeri</i>	Bob McFarlane	Iron Co., UT
19-031	186	<i>P. palmeri</i>	Bob McFarlane	Lincoln County, NV
19-032	187	<i>P. papillatus</i>	Bob McFarlane	Rock Creek, Mono County, CA
16-085	189	<i>P. parvulus</i>	Ron Ratko	Scott Mts, Siskiyou County, CA, elev. 5,630'
19-083	190	<i>P. parvulus</i>	Ron Ratko	Siskiyou Mtns, Jackson Co, OR 1,492m
19-033	191	<i>P. patens</i>	Bob McFarlane	Sherwin Grade, Mono County, CA
19-100	192	<i>P. patricus</i>	Steven Love	Garden, large light purple flower(orgin: Deep Ck Range, Juab Co, UT)
15-116	195	<i>P. peckii</i>	Jay Lunn	
16-037	195	<i>P. peckii</i>	Jay Lunn	
17-011	195	<i>P. peckii</i>	Jay Lunn	Garden, Hillsboro, OR
18-010	195	<i>P. peckii</i>	Jay Lunn	
19-002	195	<i>P. peckii</i>	Larry Hawkins	Parkdale, OR, garden grown
19-055	195	<i>P. peckii</i>	Jay Lunn	Garden, Hillsboro, OR
20-007	195	<i>P. peckii</i>	Jay Lunn	
20-035	195	<i>P. peckii</i>	Larry Hawkins	Garden, Parkdale, OR
18-003	201	<i>P. petiolatus</i>	Norman Anderson	
15-101	202	<i>P. pinifolius</i>	Laurence Hawkins	
20-008	202	<i>P. pinifolius 'Magdalena Sunshine'</i>	Jay Lunn	
20-041	202	<i>P. pinifolius</i>	John Roden	Lima, MT
19-034	203	<i>P. pinorum</i>	Bob McFarlane	Iron County, UT
20-067	203	<i>P. pinorum</i>	Mikel Stevens	~ 1.2 miles ENE of old Irontown, UT
17-017	207	<i>P. pratensis</i>	Bob McFarlane	Garden, Greenwood Village, CO
15-150	208	<i>P. procerus</i>	Mike Kintgen	
17-047	208	<i>P. procerus</i>	Bob McFarlane	Logan Co., UT
17-105	208	<i>P. procerus</i>	Mike Lintgen	Garden, Steamboat, CO, white
19-101	208	<i>P. procerus</i>	Steven Love	Garden, very tall form (orgin: Clearwater Co, ID)
19-111	208	<i>P. procerus</i>	Mike Kintgen	Garden, Steamboat Springs, CO
19-112	208	<i>P. procerus</i>	Mike Kintgen	Beartooth, MT

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Lot #	No.	Species	Donor	Source/Comments
19-113	208	<i>P. procerus</i>	Mike Kintgen	Garden, Steamboat Springs, CO, cream flowers
19-114	208e	<i>P. procerus</i> v. <i>tolmei</i> 'Hawkeye'	Mike Kintgen	Garden, Steamboat Springs, CO
19-115	208e	<i>P. procerus</i> v. <i>tolmei</i>	Mike Kintgen	Garden, Steamboat Springs, CO, white flowers
20-023	208	<i>P. procerus</i>	Beth Corbin	Boulder Mtns, Custer Cty, ID 7,250' 43.93090, -114.55511
17-016	210	<i>P. pruinosus</i>	Bob McFarlane	Garden, Greenwood Village, CO
18-040	213	<i>P. pseudospectabilis</i>	Beth Corbin	Garden, Marsing, ID, 2,240' 43.563414 N - 116.807982 W
20-021	213	<i>P. pseudospectabilis</i>	Beth Corbin	Garden, Marsing, ID 2,240', 40.5518 N, -121.16166 W
16-036	223	<i>P. richardsonii</i>	Jay Lunn	
16-119	223b	<i>P. richardsonii</i> v. <i>richardsonii</i>	Ginny Maffit	Columbia River Gorge, OR
17-092	223b	<i>P. richardsonii</i> v. <i>richardsonii</i>	Ginny Maffitt	Garden, Portland, OR area
18-012	223	<i>P. richardsonii</i>	Jay Lunn	
18-062	223a	<i>P. richardsonii</i> v. <i>dentatus</i>	Ginny Maffit	Garden, Portland, OR area
18-101	223	<i>P. richardsonii</i>	Mike Kintgen	Garden, Denver area, CO
19-043	223	<i>P. richardsonii</i>	Beth Corbin	Garden, Marsing, ID 2,240', 40.5518 N, -121.16166 W
19-057	223	<i>P. richardsonii</i>	Jay Lunn	Garden, Hillsboro, OR
19-084	223b	<i>P. richardsonii</i> v. <i>richardsonii</i>	Ron Ratko	Eastern Cascade foothills, Yakima Co, WA 696m
19-116	223	<i>P. richardsonii</i>	Mike Kintgen	Garden, Denver, CO
19-085	224	<i>P. roezlii</i>	Ron Ratko	Northern Sierra Nevada, Plumas Co, CA 1,877m
15-076	225	<i>P. rostriflorus</i>	John Weiser	Garden
16-079	225	<i>P. rostriflorus</i>	Ron Ratko	E. Sierra Nevada, Inyo County, CA, elev. 9,000'
16-080	225	<i>P. rostriflorus</i>	Ron Ratko	Kern Plateau, Tulare County, CA, elev. 9,210'
16-081	225	<i>P. rostriflorus</i>	Ron Ratko	Greenhorn Mts., Tulare County, CA, elev. 7,250'
18-033	225	<i>P. rostriflorus</i>	Bob McFarlane	Garden, Denver area, CO
18-092	225	<i>P. rostriflorus</i>	Ron Ratko	Breckenridge Mtn., Kern Co., CA, elev. 6,745' scarlet
19-035	225	<i>P. rostriflorus</i>	Bob McFarlane	Rock Creek, Mono County, CA
19-117	225	<i>P. rostriflorus</i>	Mike Kintgen	Garden, Denver, CO
20-024	228	<i>P. rupicola</i>	David Cammack	Clackamas County, OR 5,000'
14-088	229	<i>P. rydbergii</i>	Ray Deutsch	
15-077	229a	<i>P. rydbergii</i> v. <i>oreocharis</i>	John Weiser	Garden, Dog Valley, CA
15-096	229	<i>P. rydbergii</i>	Laurence Hawkins	
16-092	229a	<i>P. rydbergii</i> v. <i>oreocharis</i>	Ron Ratko	N. Coast Ranges, Glenn County, CA, elev. 5,985'
19-086	229a	<i>P. rydbergii</i> v. <i>oreocharis</i>	Ron Ratko	Cascade Range, Kittitas Co, WA 1,319m
19-118	229	<i>P. rydbergii</i>	Mike Kintgen	Garden, Steamboat Springs, CO
20-002	229b	<i>P. rydbergii</i>	Lupita Wesseler	Cassia Cty, ID, Mt. Harrison, 8,280' near Lake Cleveland
19-119	231	<i>P. saxorum</i>	Mike Kintgen	Garden, Steamboat Springs, CO
16-023	232	<i>P. scapoides</i>	Bob McFarlane	White Mts, CA, elev. 8,000'
19-037	232	<i>P. scapoides</i>	Bob McFarlane	White Mtns, CA
19-120	233	<i>P. scariosus</i>	Mike Kintgen	Garden, Steamboat Springs, CO
20-072	223b	<i>P. scariosus</i> v. <i>garretti</i>	Mikel Stevens	Near Fruitland, UT, maybe a hybrid population, looks like garretti
18-094	234	<i>P. secundiflorus</i>	Mike Kintgen	Boulder County, CO
20-022	234	<i>P. secundiflorus</i>	Beth Corbin	Garden, Marsing, ID 2,240', 40.5518 N, -121.16166 W
20-068	236	<i>P. sepalulus</i>	Mikel Stevens	~ 6 miles up American Fork Canyon, east of Highland, UT
15-107	237	<i>P. serrulatus</i>	Jay Lunn	Garden, Hillsboro, OR
16-043	237	<i>P. serrulatus</i>	Jay Lunn	Hood River County, OR elev. 3,100 ft
16-105	237	<i>P. serrulatus</i>	Ron Ratko	Garden
17-012	237	<i>P. serrulatus</i>	Jay Lunn	Unknown
18-013	237	<i>P. serrulatus</i>	Jay Lunn	
18-053	237	<i>P. serrulatus</i>	Ginny Maffit	Garden, Portland, OR area
19-006	237	<i>P. serrulatus</i>	Larry Hawkins	Parkdale, OR, garden grown

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Lot #	No.	Species	Donor	Source/Comments
19-058	237	<i>P. serrulatus</i>	Jay Lunn	Garden, Hillsboro, OR
19-087	237	<i>P. serrulatus</i>	Ron Ratko	Cascade Range, Kittitas Co, WA 1,361m
20-009	237	<i>P. serrulatus</i>	Jay Lunn	Garden, Hillsboro, OR
20-010	237	<i>P. serrulatus</i>	Jay Lunn	Hood River Cty, OR 4,200'
20-037	237	<i>P. serrulatus</i>	Larry Hawkins	Garden, Parkdale, OR
15-083	239	<i>P. smallii</i>	Don Humphrey	
15-104	239	<i>P. smallii</i>	Laurence Hawkins	
16-104	239	<i>P. smallii</i>	Ron Ratko	Garden
16-033	240	<i>P. spatulatus</i>	Jay Lunn	
16-088	241	<i>P. speciosus</i>	Ron Ratko	Greenhorn Mts, Tulare County, CA, elev. 7,375'
16-089	241	<i>P. speciosus</i>	Ron Ratko	Kern Plateau, Tulare County, CA, elev. 7,715'
16-090	241	<i>P. speciosus</i>	Ron Ratko	White Mts, Inyo County CA, elev. 10,150'
17-035	241	<i>P. speciosus</i>	Bob McFarlane	Angel Lake Rd, Lake Co., NV
19-038	241	<i>P. speciosus</i>	Bob McFarlane	Mammoth Lakes, Mono County, CA
19-045	241	<i>P. speciosus</i>	David Cammack	Clackamas County, OR
19-088	241	<i>P. speciosus</i>	Ron Ratko	Eastern Cascade foothills, Yakima Co, WA 696m
19-121	241	<i>P. speciosus</i>	Mike Kintgen	Garden, Steamboat Springs, CO
20-025	241	<i>P. speciosus</i>	David Cammack	Wheeler County, OR
15-002	242	<i>P. spectabilis</i>	Richard Lengyel	San Jacinto Mts, CA, elev. 5,000'
15-087	242	<i>P. spectabilis</i>		
15-100	246	<i>P. strictus</i>	Laurence Hawkins	
16-128	246	<i>P. strictus</i>	Karen Brower	Montana
14-144	247	<i>P. subglaber</i>	Mike Kintgen	
19-003	248	<i>P. subserratus</i>	Larry Hawkins	Parkdale, OR, garden grown
20-038	248	<i>P. subserratus</i>	Larry Hawkins	Garden, Parkdale, OR
14-134	251	<i>P. superbus</i>	Ellen Wilde	Garden, Mesa, AZ
14-168	251	<i>P. superbus</i>	Bob McFarlane	Garden, Denver area, CO
15-028	251	<i>P. superbus</i>	Bob McFarlane	Garden, Denver area, CO
15-098	251	<i>P. superbus</i>	Laurence Hawkins	
18-036	251	<i>P. superbus</i>	Bob McFarlane	Garden, Denver area
20-015	251	<i>P. superbus</i>	Kathy Hardgrave	Garden, Salida, CO
19-102	263	<i>P. triphyllus</i>	Steven Love	Garden, light lavender flowers (origin: Idaho Co, ID
14-167	264	<i>P. tubaeiflorus</i>	Bob McFarlane	Garden, Denver area
20-069	267	<i>P. utahensis</i>	Mikel Stevens	~ 20 miles ESE of Wellington, UT
14-127	268	<i>P. venustus</i>	Ron Ratko	Stevens Ridge, Garfield Co., WA, elev. 4,300'
14-128	268	<i>P. venustus</i>	Ron Ratko	Above N. Fk Dry Crk, Blue Mts, Wallowa Co. , OR elev. 5,675'
14-129	268	<i>P. venustus</i>	Ron Ratko	Above Saw Pit saddle, Cold Srps Mts, Idaho Cty, ID, elev. 5,600'
15-032	268	<i>P. venustus</i>	Bob McFarlane	Garden, Denver area
15-060	268	<i>P. venustus</i>	Louise Parsons	
16-056	268	<i>P. venustus</i>	Louise Parsons	
16-126	268	<i>P. venustus</i>	Karen Brower	Pipestone, MT
17-013	268	<i>P. venustus</i>	Bob McFarlane	Garden, Greenwood Village, CO
18-054	268	<i>P. venustus</i>	Ginny Maffit	Garden, Portland, OR area
19-069	268	<i>P. venustus</i>	Louise Parsons	Garden, Corvallis, OR
14-075	270	<i>P. virens</i>	Stephen Love	Garden, Idaho
15-026	271	<i>P. virgatus</i>	Bob McFarlane	Weston Park Road, CO
20-070	276	<i>P. watsonii</i>	Mikel Stevens	~ 8 miles east of the junction of I15 and state road 20, off of 20
15-097	277	<i>P. whippleanus</i>	Laurence Hawkins	
16-127	277	<i>P. whippleanus</i>	Karen Brower	Pipestone, MT



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Lot #	No.	Species	Donor	Source/Comments
16-133	277	P. whippleanus	Mike Kintgen	
17-111	277	P. whippleanus	Mike Lintgen	Garden, Steamboat, CO
18-102	277	P. whippleanus	Mike Kintgen	Routt County, CO
19-122	277	P. whippleanus	Mike Kintgen	Garden, Denver, CO
19-123	277	P. whippleanus	Mike Kintgen	Garden, Steamboat Springs, CO
20-016	277	P. whippleanus	Kathy Hardgrave	Garden, Salida, CO
20-071	277	P. whippleanus	Mikel Stevens	~ 9 miles NNE of Soldier Summit, UT
14-079	278	P. wilcoxii	Stephen Love	Hell's Canyon, Adams Co., ID, elev. 5,590'
14-130	278	P. wilcoxii	Ron Ratko	Above Crazyman Ck, Wallowa Mts., Wallowa Co, OR, elev. 5,675'
14-131	278	P. wilcoxii	Ron Ratko	Above saw Pit saddle, Cold Srps Mts, Idaho Cty, ID, elev. 5,150'
18-045	278	P. wilcoxii	Lupita Wesseler	Garden, Bend, OR elev. 3,600 ft
13-150		Hyb barrettiae x cardwellii	Jay Lunn	
13-151		Hyb cardwellii x barrettiae	Jay Lunn	
14-006		Hyb mexicali x kunthii	Louise Parsons	Hot pink
14-008		Hyb 'Pikes Peak Purple'	Louise Parsons	Light purple
14-012		Hyb 'Crystal'	Louise Parsons	White
14-013		Hyb 'Crystal's Daughter'	Louise Parsons	White
14-027		Hyb barrettiae x cardwellii	Jay Lunn	
14-086		Hyb strictus x eatonii	Dave Nelson	Pink
14-124		Hyb rupicola x fruticosus	Ron Ratko	Cabin Mtn., Kitlitas County, WA, elev. 4,375'
14-132		Hyb 'Juan Jose'	Ron Ratko	Purple
14-137		Hyb saxosurm x virgatus	Mike Kintgen	
14-141		Hyb saxosurm x speciosus	Mike Kintgen	
15-065		Hyb mexicali x kunthii	Louise Parsons	Hot pink
15-067		Hyb 'Pikes Peak Purple'	Louise Parsons	
15-114		Hyb 'Mexicana'	Jay Lunn	Hot pink
15-117		Hyb cardwellii x barrettiae	Jay Lunn	
15-153		Hyb 'Sally's Surprise'		
16-007		Hyb P. 'Prairie Snow'	Bob McFarlane	Garden, Denver area
16-030		Hyb 'mexicana'	Jay Lunn	Hot pink
16-046		Hyb 'Crystal's Daughter'	Louise Parsons	
16-049		Hyb 'mexicana'	Louise Parsons	Bright purple
16-055		Hyb 'mexicali' 'Sunburst Amethyst'	Louise Parsons	Dark pink
16-107		Hyb 'Cotton Candy'	Ginny Maffitt	Garden, Portland, OR area
16-110		Hyb 'Merlot' (barrettiae x fruticosus)	Ginny Maffitt	Garden, Portland, OR area
17-005		Hyb 'Mexicaca'	Jay Lunn	Garden, Hillsboro, OR, hot pink
17-015		Hyb 'Prairie Snow'	Bob McFarlane	Garden, Greenwood Village, CO
17-064		Hyb unk. Fasciculatus	Louise Parsons	Garden, Corvallis, OR, bright purple
17-068		Hyb 'Sunburst Amethyst'	Louise Parsons	Garden, Corvallis, OR
17-081		Hyb cardwellii x fruticosus	Ginny Maffitt	Garden, Sherwood, OR
17-082		Hyb barrettiae x fruticosus var. fruticosus	Ginny Maffitt	Garden, Sherwood, OR, purple
17-109		Hyb speciosus	Mike Kintgen	Garden, Steamboat, CO
18-009		Hyb P. x 'mexicana'	Jay Lunn	Bright pink
18-032		Hyb P. 'Prairie Snow'	Bob McFarlane	Garden, Denver area
18-070		Hyb P. 'Crystal'	Ginny Maffitt	Garden, Portland, OR area
19-007		Hyb. cardwellii x barrettiae	Larry Hawkins	Parkdale, OR, garden grown
19-060		Hyb. 'Amethyst Sunburst'	Jay Lunn	Garden, Hillsboro, OR
19-061		Hyb. Unnamed (large red bells)	Jay Lunn	Garden, Hillsboro, OR

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Lot #	No.	Species	Donor	Source/Comments
19-062		Hyb. 'Mexicana'	Jay Lunn	Garden, Hillsboro, OR
19-070		Hyb. 'Chrystal's Daughter' (white)	Louise Parsons	Garden, Corvallis, OR
19-071		Hyb. P. fasciculus (red)	Louise Parsons	Garden, Corvallis, OR
19-072		Hyb. P. fasciculus (magenta)	Louise Parsons	Garden, Corvallis, OR (white throats)
19-089		Hyb. P. cardwellii	Ron Ratko	Garden, Seattle, WA
19-090		Hby. P. rupicola x fruticosus	Ron Ratko	Cascade Range, Kittitas Co, WA 1,319m
19-124		Hyb. 'Merlot'	Mike Kintgen	Garden, Denver, CO
19-125		Hyb. 'Coral Baby	Mike Kintgen	Garden, Denver, CO
19-126		Hyb. 'Sally's Surprise'	Mike Kintgen	Garden, Denver, CO
19-127		Hyb. (poss. P. strictus)	Mike Kintgen	Garden, Denver, , blue flowers
19-128		Hyb. P. strictus x virgatus	Mike Kintgen	Garden, Steamboat Springs, CO
20-011		Hyb. 'Amethyst Sunburst'	Jay Lunn	
20-012		Hyb. 'Mexicana'	Jay Lunn	Hot pink color
20-013		Unnamed Hybrid	Jay Lunn	Big red "bells"
20-029		P. cardwellii x barrettiae	Larry Hawkins	Garden, Parkdale, OR
20-039		Hyb. 'Mexicali'	Larry Hawkins	Garden, Parkdale, OR
16-066		Antirrhinum virga	Ron Ratko	N. Coast Ranges, Lake County, CA, elev. 5,535'
18-072		Antirrhinum multiflorum	Ron Ratko	Santa Lucia Range, Monterey Co., CA, elev. 4,485' rose-red/tan
14-092		Besseyia rubra	Ron Ratko	Cold Springs Ridge, Bule Mtns., Wallowa Co. OR, elev. 5,375'
14-094		Castilleja elmeri	Ron Ratko	Tronsen Ridge, Wenatchee Mtns, Kittitas Co., WA, elev. 5,900'
14-095		Castilleja oesobia	Ron Ratko	Roberts Butte, Blue Mtns, Wallowa Co., OR, elev. 4,265'
16-057		Keckiella lemmonii	Ron Ratko	N. Coast Ranges, Glenn County, CA, elev. 5,260'
16-059		Keckiella lemmonii	Ron Ratko	N. Coast Ranges, Glenn County, CA, elev. 2,040'
16-060		Keckiella lemmonii	Ron Ratko	N. Coast Ranges, Humboldt County, CA, elev. 4,535'
16-061		Keckiella corymbosa	Ron Ratko	N. Coast Ranges, Mendocino, CA, elev. 5,605'
16-062		Keckiella corymbosa	Ron Ratko	Klamath Ranges, Trinity County, CA, elev. 5,700'
16-063		Keckiella corymbosa	Ron Ratko	Klamath Ranges, Trinity County, CA, elev. 2,850'
16-064		Keckiella brexiflora	Ron Ratko	N. Coast Ranges, Lake County, CA, elev. 1,635'
16-065		Keckiella brexiflora	Ron Ratko	S. Sierra Nevada foothills, Tulare County, CA, elev. 4,320'
18-073		Keckiella breviflora v. breviflora	Ron Ratko	Santa Lucia Range, Monterey Co., CA, elev. 4,468' cream-pink
19-091		Keckiella breviflora v. glabrisepala	Ron Ratko	Inner N. coast ranges, Lake Co, CA 986m serpentinite substrate
19-092		Keckiella breviflora v. glabrisepala	Ron Ratko	High N. coast ranges, Glenn Co, CA 1,755m schistose substate
19-093		Keckiella corymbosa	Ron Ratko	Inner N. coast ranges, Lake Co, CA 1,134m, scarlet red, 15-20cm
19-094		Keckiella corymbosa	Ron Ratko	H. N. coast ranger, Mendocino Co, CA 1720m carmine red 10-15cm
15-119		Nothochelone nemorosa	Jay Lunn	Hood River County, OR, elev. 4,590'
19-095		Nothochelone nemorosa	Ron Ratko	Cascade Range, Kittitas Co, WA, 1,111m, dark red-purple
20-026		Nothochelone nemorosa	David Cammack	Clackamas County, OR 5,000'
14-096		Orthocarpus tenuifolius	Ron Ratko	Grave Pt., Cold Spring Mtns, Idaho Co., ID, elev. 5,575'