

APS Old Seed List and INSTRUCTIONS for Requesting ALL Seed, Updated, October, 2016
Please CAREFULLY Read Instructions below for requesting any seed!

Welcome to the APS-2016-17 Seed Exchange. **Our profound thanks to all donors.** The New (2016) seed list, a separate attachment, shows the location where seed was wild-collected. On seed packets when no location is given, assume a garden source. Unless noted otherwise, both garden and wild seed are open-pollinated --and bees and wind can travel far!

Although we call this an "exchange", all current APS members may request seed regardless of donor status. Donors are generous, but be sure to **list plenty of substitutes** with your requests. Requests will be filled on a first come - first served basis. Make all request **by both name and access number.** All requests are limited to a total of no more than 20 packets. Duplicate packets are only allowed for those choices in extra-plentiful supply.

Donors of seed may receive one packet free for each different donation they make. **All** (old or new) non-free packets are still US \$0.50 each, with this price already including postage. You may send US currency or checks payable to the American Penstemon Society. **Please do not make checks to me personally! The seedEx can NOT receive any Paypal payments.** All overseas members are permitted 10 free packets and may request up to 10 additional with payment in US currency. The maximum ten additional packets costs a mere US\$5. This small amount of currency can be obtained at many locations such as travel bureaus, post offices, hotels, ticket counters, depots, and even kiosks or news-stands. If you have difficulties obtaining US currency, let me know by e-mail please. All requests must include your **surface mailing address**, carefully-printed. All requests must be received on or before **March 31, 2017.** Only donors and/or overseas members may request their seed by email to: Louise Parsons, <parsonATpeak.org> This e-mail does not spell my name correctly; copy it carefully and replace the "AT" with an @ Put Penstemon Seed or similar wording in the Subject: header of your e-mail, so that your message will receive priority. **Please, no docx attachments.** All others please use surface mail; send your requests and payment to:

Louise Parsons, 1915 SE Stone Street, Corvallis, Oregon 97333-1832 US

With great appreciation for 2016 APS donors. Without their patience, diligence, mileage, shoe leather --and finally a faithful trip to the post office --the cupboard would soon be bare! "To plant a seed is a noble deed" (Norm Deno)

1. Bob & Phoebe McFarlane
2. Jay Lunn
3. Louise Parsons
4. Ron Ratko

5. Ginny Maffitt
6. Karen Brower
7. Mike Kintgen

2016 Old Seed, Updated October, 2016

Please request by name, number, year and -if you have preference --"W" for wild or "G" for garden origin. Growers report that, for a few years at least (in unusual cases as many as 15 years in soil!), viability may increase with age.

No.	Species	Years available Wild	Years available Garden
4a	P. acuminatus. v. acuminatus	12	13, 14
5	P. alamosensis		12, 14few
6	P. albertinus	11, 13	13, 15
8	P. ambiguus		14few
10	P. anguineus	13	
15	P. angustifolius		11, 12
15a	P. angustifolius, v. venosus	13, 14, 15	14
19	P. arkansanus		11, 15
20	P. attenuatus, v. attenuatus	12, 13, 14	13, 14
20b	P. attenuatus, v. militaris		11
20c	P. attenuatus, v. pseudoprocerus		13
23	P. australis		12
26	P. barbatus		12, 13, 14, 15
27	P. barnebyi	15	
28	P. barrettiae		12, 14
33	P. brandegi (glaber v. brandegi)	15	12, 13, 15
40	P. californicus		12few
41	P. calycosus		11
42	P. campanulatus		12
44	P. cardinalis		11, 12, 15
45	P. cardwellii	11, 13	11, 12, 14, 15
46	P. carnosus		13, 14, 15
48	P. centranthifolius	12, 15	
51	P. clevelandii var connatus	15	13
53	P. clutei	12	12, 13, 14, 15
54	P. cobaea		12
54a	P. c. ssp. purpureus		12
55	P. comarrhenus		14
57	P. concinnus	13, 15	

58	<i>P. confertus</i>	13	11, 13, 15
59	<i>P. confusus</i>	11, 13, 14	
63	<i>P. cyananthus</i>		13
63a.	<i>P. cyananthus</i> var. <i>subglaber</i>		12
65	<i>P. cyanocaulis</i>	15	
66	<i>P. cyathophorus</i>	13, 15	
67	<i>P. dasyphyllus</i>		14
68	<i>P. davidsonii</i> v. <i>davidsonii</i>	11, 15	11
68a	<i>P. davidsonii</i> v. <i>menziesii</i>	14 few	
68b	<i>P. davidsonii</i> v. <i>praeteritus</i>	11, 14	11
73	<i>P. deustus</i>		11
73a	<i>P. d.</i> v. <i>pedicellatus</i>	13	11
74	<i>P. digitalis</i>	15	11, 12, 13, 14
81	<i>P. eatonii</i>	11, 12	11, 12
82	<i>P. elegantulus</i>	14	13 few
84	<i>P. eriantherus</i>	13	12, 13, 14, 15
84a	<i>P. e.</i> v. <i>cleburnei</i>		13, 14, 15
84b	<i>P. e.</i> v. <i>whitedii</i>	14	
85	<i>P. euglaucus</i>	13,14, 15	13, 14, 15
93	<i>P. floridus</i> v. <i>floridus</i>	13, 15	12
93a	<i>P. f.</i> v. <i>austini</i>		11, 14
95	<i>P. franklinii</i>	14, 15few	14
96	<i>P. fremontii</i>	11, 12	13
98	<i>P. fruticosus</i> v. <i>fruticosus</i>	12, 13, 14, 15	11, 13, 14 (f. <i>alba</i>)
98a	<i>P. f.</i> v. <i>scouleri</i>	11, 12	13, 14(v. ' <i>Albus</i> ')
98b	<i>P. f.</i> v. <i>serrulatus</i>	14	
99	<i>P. gairdneri</i>	12	
100	<i>P. gentianoides</i>		14few
102	<i>P. gibbonsii</i>	13	15
103	<i>P. glaber</i> v. <i>glaber</i>	14	
106	<i>P. glandulosus</i>	14	
106a	<i>P. g.</i> v. <i>chelanensis</i>	12	
108	<i>P. globosus</i>	14	11, 12, 13
111	<i>P. gracilentus</i>	11, 12	
114	<i>P. grandiflorus</i>	13, 15	11, 12, 13, 15
114a	<i>P. grandiflorus</i> ' <i>Alba</i> '		11, 12, 13
115	<i>P. griffinii</i>		14 few
116	<i>P. grinnellii</i>	12, 15	12
118	<i>P. hallii</i>	11 few	12, 14
122	<i>P. havardii</i>		12, 14, 15
214.5	<i>P. hesperius</i>		13, 14, 15
126	<i>P. heterophyllus</i>	12	11, 12
126a	<i>P. h.</i> var <i>australis</i>	15	
127	<i>P. hidalgensis</i>		11, 12
129	<i>P. hirsutus</i>	15	12, 13, 14, 15
129a	<i>P. hirsutus</i> <i>pygmaeus</i>		11, 13, 14, 15
129b	<i>P. hirsutus</i> <i>pygmaeus</i> <i>alba</i>		12
130	<i>P. humilis</i>	13, 14, 15	11
131	<i>P. idahoensis</i>		14
134	<i>P. incertus</i>		14, 15
140	<i>P. kunthii</i>		11, 12, 15
140a	<i>P. kunthii</i> <i>cherry red</i>		13, 14, 15
141	<i>P. labrosus</i>	12	
144	<i>P. laevis</i>	11, 13, 15	
149	<i>P. leiophyllus</i>	11	
151a	<i>P. lentus</i> v. <i>albiflorus</i>	15 few	
153	<i>P. leonensis</i>		13, 15
154	<i>P. linarioides</i>		11, 12, 13few
154a	<i>P. linarioides</i> v. <i>sileri</i>	11	12, 13, 14, 15
156	<i>P. lyali</i>		11, 13, 14
158	<i>P. mensarum</i>	13	13
160	<i>P. mucronatus</i>	11, 12, 13, 15	
169	<i>P. murrayanus</i>		11, 15
170	<i>P. nanus</i>	15	
174	<i>P. newberryi</i>	11, 13	12, 14 few
175	<i>P. nitidus</i>		12, 13, 15
175a	<i>P.n. polyphyllus</i>		15
176	<i>P. nudiflorus</i>	12 few	
181	<i>P. osterhoutii</i>	15	
182	<i>P. ovatus</i>		13, 14, 15
183	<i>P. pachyphyllus</i>	11, 12, 14, 15	13, 15

183a	<i>P. p. v. congestus</i>		11
183b	<i>P. p. v. mucronatus</i>		11, 12
185	<i>P. pallidus</i>		12
186	<i>P. palmeri</i>		11, 12, 13
187	<i>P. papillatus</i>		15
188	<i>P. parryi</i>		14
189	<i>P. parvulus</i>	13	
191	<i>P. patens</i>	11	
193	<i>P. payettensis</i>	14	
194	<i>P. paysoniorum</i>		14
195	<i>P. peckii</i>		11(aff., pink), 15 pink
196	<i>P. penlandii</i>		15 few
197	<i>P. pennellianus</i>	14	
202	<i>P. pinifolius</i>		12, 14, 15
203	<i>P. pinorum</i>	15	
205	<i>P. platyphyllus</i>		11, 13
207	<i>P. pratensis</i>	15	13
208	<i>P. procerus v. procerus</i>	13, 14	11
208a	<i>P. p. v. brachyanthus</i>	13	
208b	<i>P. p. v. tolmei</i>	13, 14 few	13, 14, 15 (cream)
210	<i>P. pruinosis</i>	13, 14	11
213	<i>P. pseudospectabilis</i>		12, 15
218	<i>P. ramaleyi</i>		11, 12, 13, 14
219	<i>P. ramosus</i>		13 few
223	<i>P. richardsonii v. richardsonii</i>	12	12, 13, 14, 15
223b	<i>P. r. v. dentatus</i>		11, 12, 13, 14
224	<i>P. roezlii</i>	11, 13	
225	<i>P. rostiflorus</i>	11	12, 13, 14, 15
228	<i>P. rupicola</i>		12
229	<i>P. rydbergii</i>	12, 13, 15	11, 14, 15
229a	<i>P. r. v. oreocharis</i>	13	12, 15
231	<i>P. saxosorum</i>	11, 13, 14	13
233	<i>P. scariosus</i>		15 few
234	<i>P. secundiflorus</i>	13	11, 12, 13, 15
236	<i>P. sepalulus</i>		11, 13
237	<i>P. serrulatus</i>	11, 12, 13	12, 13, 11 alba, 14
239	<i>P. smallii</i>		12, 14, 15
240	<i>P. spatulatus</i>		13
241	<i>P. speciosus</i>	11, 12	11, 13, 15
242	<i>P. spectabilis</i>	11, 12, 15	12, 14, 15
245	<i>P. strictiformis</i>		12
246	<i>P. strictus</i>	12, 14	11, 15
246a	<i>P. strictus</i> 'Bandera'		11, 13
247	<i>P. subglaber</i>		11, 14
248	<i>P. subserratus</i>	13	13,14 few, 15
251	<i>P. superbus</i>		13, 14, 15
254	<i>P. tenuis</i>		11, 14
256	<i>P. teucroides</i>		13, 14
261	<i>P. tracyi</i>		13few
264	<i>P. tubaeflorus</i>		12, 14, 15
268	<i>P. venustus</i> (decumbance related to low sun)	14	12, 13, 14, 15
268a	<i>P. venustus</i> upright form ?better light		11
270	<i>P. virens</i>	13, 14, 15	11, 12, 14
271	<i>P. virgatus v. virgatus</i>	15	11, 15
271a	<i>P. v. v. asa gray</i>	12	
275	<i>P. washingtonensis</i>		11, 12
276	<i>P. watsonii</i>	15	
277	<i>P. whippleanus</i>	11	11, 12, 15
277a	<i>P. w. slate blue/dk purple</i>	14	11, 12
278	<i>P. wilcoxii</i>	14	12, 13
280	<i>P. wrightii</i>		11, 12, 13
no.	Cultivars and hybrids	Wild	Garden
CH-2a	<i>P. cardwellii</i> x <i>barrettiae</i>		12, 13, 15
CH-4	<i>P. rupicola</i> x <i>cardwellii</i>		11, 13, 15
CH-4c	<i>P. rupicola</i> x <i>fruticosus</i>	14 few	
CH-7	<i>P. unnamed</i> big hybs.		12
CH-9	<i>P. pinifolius</i> ex 'Magdalena Sunshine'		11 few
CH-9a	<i>Pinifolius</i> 'color mix'		11, 12
CH-10	<i>Dasanthera</i> hyb 'Chrystal' (Bruce Meyers) white		14
CH-11b	<i>P. Mexicali</i> hybs, assorted colors		11, 12, 13
CH-11c	<i>P. Mexicali</i> hyb. 'Bruce Meyers'		12

CH-11e	P. Mexicali hyb. 'Sunburst Amethyst'		11, 13
CH-12	P. saxosorum x virgatus		14
CH-12a	P. saxosorum x speciosus		14
CH-13b	P. barbatus 'Rondo Mix'		13
CH-14	. strictus x eatonii		14
CH-36	P. hyb. ex 'Sally's Suprise'		12, 14 pink
CH-17	P. hyb. Ex 'Juan Jose' large purple flws		14
CH-15	P. hyb. Ex 'Pikes Peak Purple' light purple		14, 15
CH-16	P. hyb. Kunthii x Mexicala hybs hot pink		14
	Natural Hybrids		
NH-3	P. barrettiae x fruticosus		13
NH-6	P. fruticosus 'Purple Haze'		11
NH-6a	P. fruticosus var. fruticosus x rupicola	14	
NH-7	P. barrettiae x cardwellii		13, 14
	Near or Former Penstemons		
FP-3a	Keckiella antirrhinoides	12few	
FP-4	Nothochelone nemorosa	12, 13	11
NP-2	Castilleja arachnoidea	13	
NP-4	C. cuspidatus var. cuspidatus	13	
NP-5	C. elmeri	12, 14	
NP-6	C. exilis	12	
NP-7	C. hispida	13	
NP-8	C. miniata	13	
NP-9	C. pruinosa ?	13	
NP-10	C. schizotricha	13	
NP-11	C. thompsonii	13	
NP-12	C. oresbia	14	
NP-13	C. chrysantha	14	