

**Abeliophyllum-Amsonia**

- 1 **Abeliophyllum** distichum (moist packed) white 90-150cm 127  
2 **Abies** koreana purple-blue cones 10-18m 37  
3 **Abronia** fragrans white 20-100cm 122  
4 **Acantholimon** sp stemless flr 165  
5 ulicinum bright pink 10cm 165  
6 **Achillea** aleppica ssp zederbaueri white-yellow flr/grey lvs 5-15cm 88  
7 sp white 15-30cm 72  
8 tomentosa yellow flr/woolly lvs 15-30cm 89  
9 **Acis** autumnalis white/pinkish base 7-15cm 14  
10 nicaeensis white 5-18cm 147 184  
11 **Aconitum** anthora yellow 25-100cm 183  
12 columbianum deep bluish purple 30-150cm 138  
13 krylovii cream-yellow 30-130cm 60  
14 lamarckii cream-yellow 90-120cm 65  
15 lycoctonum pale yellow/dark violet to 1m 147  
16 napellus white to 1m 111  
17 palmatum violet 60-120cm 183  
18 piepunense pale blue 110-180cm 112  
19 sachalinense ssp yezoense blue 1-2m 135  
20 **Actaea** arizonica creamy-white 70-150cm 155  
21 dahurica cream-white 1-2m 103  
22 japonica white 60-80cm 4  
23 pachypoda white flr/white frt 45-60cm >  
24 pachypoda f rubrocarpa white flr/red-pink frt 60-90cm 38  
25 rubifolia white 30-140cm 186  
26 rubra white flr/red frt 40-80cm 40 111  
27 rubra (moist packed) white flr/red frt 40-80cm 105  
28 rubra f neglecta white flr/white frt 80cm 111  
29 simplex Atropurpurea Group white-pale pink flr/dark purple lvs 120-180cm 4  
30 **Adenophora** khasiana blue/pale blue to 1m 42  
31 stricta ssp confusa blue-purple 40-80cm 178  
32 triphylla pale blue 20-100cm 59  
33 **Adlumia** fungosa pale pink-lavender 0.5-4m 94  
34 fungosa white/pale pink-purple 0.5-4m 38 179  
35 **Adonis** aestivalis red/dark base 20-50cm 29  
36 davidii white/blue reverse 20-40cm 183  
37 vernalis yellow 5-40cm 185  
38 **Aethionema** armenum pink flr/blue-grey lvs 10-20cm 60 101 179  
39 glaucinum pink 5-10cm 88 99 147  
40 grandiflorum pink flr/blue-grey lvs 15-30cm >  
41 membranaceum pink 10-17cm 76  
42 saxatile pink-purple flr/grey-green lvs 5-20cm 106 179  
43 schistosum pink 13-18cm 147  
44 subulatum pink 5-10cm 88 147  
45 thomasianum pink-white flr/grey-green lvs 10-15cm 137  
46 'Warley Rose' rose-pink to 20cm 68  
47 **Agapanthus** africanus bright blue 20-90cm 158  
48 praecox blue 80-100cm 56  
49 sp white 45cm 56  
50 **Agastache** cana x urticifolia magenta 75cm 122  
51 mexicana rose-red 60-80cm 121  
52 pallidiflora ssp neomexicana lavender-rose 30-60cm 78  
53 rupestris red 50cm 87  
54 **Agave** bracteosa (PDN #29) dwarf fat lvs 186  
55 loferox (x) 'Stairway to Heaven' yellow 90cm lvs/6m flr 186  
56 polianthiflora red 40cm/1-2m flr 139  
57 pseudoferox (x) 'Bellville' 120cm 186  
58 striata reddish-purple flr/grey-green lvs 60cm lvs/to 3m flr 186  
59 univittata 'Band Aid' 186  
60 victoriae-reginae cream flr 50cm lvs/to 4m flr 186  
61 **Agrostemma** githago (PI) pink to 1m 87  
62 githago (PI) 'Milas' rose-pink to 90cm 150  
63 **Akebia** quinata (PI) pale purple-dark purple flr/whitish-purplish frt to 12m 124 179  
64 **Albuca** namaquensis pale yellow/green to 30cm 3  
65 shawii yellow to 30cm 58  
66 **Alchemilla** alpina lime green 5-20cm 60  
67 saxatilis yellow-green 10-30cm 99  
68 **Allium** aflatunense purplish-pink to 90cm 43  
69 altaicum white tinged yellow 40-100cm 165  
70 altaicum (ex Mongolia) 30-40cm 184  
71 amplexens pink 15-50cm 149  
72 amplexens 'Graceful Beauty' white/lavender stamens 30cm 60  
73 beesianum true blue 15-50cm 6  
74 caeruleum blue 25-95cm 60 179  
75 callimischon white/purple mid-vein 10-35cm 132  
76 cardiostemon (F&JK 0248) violet 40cm 182  
77 carinatum white 30-50cm 177  
78 carinatum ssp pulchellum pale lavender 30-50cm 136  
79 **Allium** carinatum ssp pulchellum reddish-purple 30-50cm 59 60 176  
80 carinatum ssp pulchellum white 30-50cm 60  
81 carolinianum pink-purple 20-40cm 165  
82 cernuum pale pink 10-50cm 160  
83 cernuum pink 10-50cm 50 123  
84 cernuum pink/white 10-50cm 44 73 85  
85 cernuum rose-purple to 45cm 93  
86 cernuum (large form) 149  
87 cernuum 'Pink Giant' pink-purple 30-45cm 59  
88 cristophii purple-violet to 60cm >  
89 cyaneum blue 10-30m 111  
90 cyathophorum purple-dark purple to 15cm 66 70 165  
91 cyathophorum v farreri purple-dark purple 13-15cm 60 93 145  
92 douglasii pink-purple 10-40cm 68  
93 flavum yellow 6-30cm >  
94 flavum 'Glaucum' yellow flr/blue lvs 6-30cm 85  
95 flavum ssp tauricum mix flr/blue-grey lvs 15-35cm 80  
96 flavum v minus yellow flr/blue-grey lvs 10-20cm 127  
97 forrestii dark red purple 15-30cm 70  
98 hollandicum purple/purple-pink 40-60cm 43 176  
99 karataviense mix 25-30cm 84 153  
100 karataviense pale pink-lilac flr/blue-grey lvs 25-30cm 179  
101 karataviense whitish 25-30cm 53 69  
102 karataviense 'Henrik' reddish-purple flr/blue-green lvs 20-30cm 80  
103 karataviense 'Ivory Queen' cream-white 25-30cm 20  
104 komarowii dark purple 30-50cm 185  
105 lusitanicum pink-pale purple 20-45cm 165  
106 macropetalum pink w/darker midvein 5-20cm 130  
107 maximowiczii rose pink/dark pink 20-40cm 165  
108 meteoricum pale pink 15-20cm 47  
109 moly yellow 25-40cm 37  
110 narcissiflorum pink 20-30cm 70  
111 nevskianum deep pink-red flr/blue-grey lvs 10-30cm 85  
112 nutans pink-pale purple 30-60cm 179  
113 obliquum (ex Ruksans) bright green to 1m 59  
114 ochotense whitish-green 20-30cm 9  
115 olympicum lilac-pink/purple-red to 30cm 187  
116 oreophilum rose-red 15-20cm 68  
117 orientale white 10-40cm 145  
118 ovalifolium v ovalifolium white/pink 30-60cm 47  
119 rotundum burgundy-purple 20-50cm 80  
120 scabriflorum violet-blue/blue 10-25cm 80  
121 senescens pink-lilac 10-40cm 30 60 111  
122 sibthorpiatum mauvish-pink/purple 4.5-12cm 22 70 117  
123 siculum reddish/greenish-cream 50-120cm 165 179  
124 siculum ssp dioscoridis creamy green/pink-purplish 60-90cm 69  
125 stellatum deep pink 20-50cm 47 179  
126 texanum white flr/blue-grey lvs 50-60cm 83  
127 thunbergii 'Album' white 20cm 100  
128 togashii pale pink/white 12-20cm 23 179  
129 tricoccum (ex Minnesota) (moist packed) white 10-40cm 47  
130 tuberosum (PI) white 30-50cm 157 163  
131 unifolium bright pink 20-80cm 60 125  
132 victoralis white-greenish 30-70cm 74  
133 wallichii pale red-dark purple 20-50cm 59  
134 zebdanense white 25-40cm 177 179  
135 **Aloe** branddraaiensis dull scarlet-red flr/greyish-brown spotted lvs 30cm lvs/150cm flr 144  
136 ecklonis orange to 50cm 174  
137 **Aloinopsis** hybrids mixed colors 4cm 130  
138 **Aloinopsis/Nananthus** hybrids various colors 3cm 88  
139 **Alphia** drummondii purple 15-45cm 168  
140 **Alstroemeria** ligtu ssp simsii reddish orange 60-100cm 12  
141 revoluta rose pink 16-80cm 143  
142 sp peach/pink 60-65cm 45  
143 **Alyssoides** cretica yellow flr/grey woolly lvs 15-20cm 182  
144 utriculata yellow 20-50cm >  
(Alyssum > see also Aurinia, Homathophylla)  
145 **Alyssum** oxycarpum yellow flr/silver lvs 10-20cm 68  
146 wulfenianum yellow flr/grey-green lvs 5-20cm 84 111  
147 **Amoreuxia** wrightii yellow-orange/maroon blotches 15-50cm 13  
148 **Amorpha** canescens (Arkansas form) purple-orange tipped flr/grey-green lvs to 90cm 186  
149 nana red-purple 30-90cm 136 141 165  
150 **Amorphophallus** henryi (moist packed) pale green/dark maroon flr/blue frt 30-60cm 2  
151 kiusianus (moist packed) greenish/white spotted spathe/dark purple spadix 40-100cm 2  
152 **Ampelodesmos** mauritanicus 60-350cm 33  
153 **Amsonia** elliptica blue to 40cm 103

## Amsonia-Arisaema

- 154 **Amsonia** hubrichtii pale blue 60-90cm 46 101  
155 illustris light blue 60-120cm 42  
156 jonesii pale blue 15-50cm 14 80 165  
157 tabernaemontana (ex Lee Co, Texas) 186  
158 **Anacampseros** rufescens pink 5-8cm 29  
159 telephiastrum pink to 10cm 29  
160 **Anacyclus** pyrethrum white/red reverse 5-15cm 1  
161 **Anchusa** capensis cobalt blue 30-45cm 165  
(Androsace > see also Douglasia)  
162 **Androsace** carnea ssp brigantiaca white to 12cm 37  
163 carnea x pyrenaica white 5cm 68  
164 cylindrica white 2-5cm 68  
165 cylindrica x pyrenaica white 7.5cm 68  
166 lactea white 4-15cm 138 145  
167 lanuginosa pinkish-mauve flr/grey-green lvs 2-10cm 157  
168 lanuginosa 'Leichtlinii' soft lilac-pink flr/grey-green lvs 4-10cm 106  
169 'Millstream' pale pink 5cm 68  
170 pubescens white to 5cm 68  
171 rioxana pale pink 3-8cm 145  
172 septentrionalis white 1-15cm 49 99 120  
173 septentrionalis 'Stardust' white 10-25cm 52  
174 villosa white to 3cm 145  
175 villosa ssp koso-poljanski white-fades pink 5-10cm 147  
176 **Andryala** agardhii yellow flr/silver woolly lvs 8-15cm 36 133  
177 **Anemone** biflora v gortschakowii yellow 3-8cm 145  
178 hortensis pink-mauve 20-40cm 145  
179 lithophila creamy yellow 20cm 93  
180 lithophila white 10-25cm 6 78  
181 multifida cream-yellow 10-40cm 68 138  
182 multifida red 10-40cm 23 99  
183 multifida white 10-40cm >  
184 multifida 'Annabella Deep Rose' rose-pink 20-30cm 142  
185 multifida v tetonensis red 10-20cm 68  
186 multifida v tetonensis red-purple/white-yellow/blue 10-20cm 147  
187 nemorosa 'Allenii' (moist packed) pale lavender 15-20cm 179  
188 nemorosa 'Robinsoniana' (moist packed) pale lavender-blue 15-20cm 179  
189 nemorosa 'Wyatt's Pink' (moist packed) white-pale pink/fades to deep pink 15-20cm 179  
190 obtusiloba 'Big Blue' blue to 15cm 28  
191 polyanthes white/red/mauve 25-60cm 187  
192 ranunculoides yellow to 25cm 60  
193 rivularis white/blue-mauve reverse 20-60cm 12 60  
194 rivularis (ex Chris Chadwell) white to 60cm 115  
195 rupicola white/pink-violet reverse 5-25cm >  
196 rupicola (cf) white/blue reverse 60cm 69  
197 sylvestris white 30-45cm 23 142  
198 virginiana white/greenish-white 30-80cm 93  
199 **Anemonella** thalictroides pink 10-30cm 38 74  
200 **Anemonopsis** macrophylla pale lavender-purple 40-80cm 22 154 183  
201 **Angelica** archangelica yellow-greenish to 2m 11  
202 gigas dark purple flr/purplish stems 1-2m 103 164  
203 sylvestris 'Purpurea' purple-pink flr/dark purple stems to 1.5m 33  
204 **Antennaria** alpina whitish 3-18cm 49  
205 dioica pink flr/grey woolly lvs 3-10cm 84  
206 dioica white flr/grey woolly lvs 3-10cm 84  
207 dioica (cf) light pink 2-5cm 119  
208 dioica 'Nyewoods Variety' bright pink flr/grey lvs 10cm 90  
209 parvifolia white flr/grey woolly lvs 2-8cm 88  
210 plantaginifolia white-cream flr/grey woolly lvs 6-20cm 161  
211 rosea rose-white 4-30cm 87  
212 rosea ssp confinis cream yellow-red brown flr/grey woolly lvs 9-25cm 47 76  
213 rosea ssp pulvinata white/pink/red/green/brown 4-17cm 47 89  
214 **Anthemis** cretica white flr/grey lvs 10-30cm 171  
215 cretica ssp carpatica white flr/silver lvs 10-30cm 88  
216 cretica ssp leucanthemoides white flr/greyish lvs 10-30cm 76  
217 **Anthericum** liliago white 60-90cm >  
218 ramosum white 30-70cm 14  
219 **Anthriscus** sylvestris 'Ravenswing' white flr/dark purple-bronze lvs 30-90cm 34 103 160  
220 **Anthyllis** coccinea red 15-30cm 29  
221 vulneraria mix yellow/orange/red 15-30cm 76 111  
222 vulneraria red 10cm 58  
223 **Antirrhinum** hispanicum dark pink/yellow 30cm 94  
224 hispanicum pink 10-30cm 58  
225 **Apium** graveolens (as ssp rapaceum) greenish-white to 1m 165  
226 **Aquilegia** 'Alchemists Gold' white flr/gold variegated lvs 25-40cm 163  
227 alpina blue 15-80cm 172  
228 amaliae pale violet blue/white 20-30cm 146  
229 **Aquilegia** barnebyi peach pink-yellow flr/blue-green lvs 30-80cm 165  
230 bertolonii blue-violet 20-30cm 146 170  
231 buergeriana (dwarf form) yellow/brown-purple 15-30cm 24 64 163  
232 buergeriana 'Calimero' purple/yellow 15-20cm 30 34 44  
233 canadensis red/yellow 15-90cm >  
234 canadensis (dwarf) red/yellow 15-20cm 38  
235 canadensis 'Corbett' pale yellow 30-45cm 38  
236 canadensis 'Little Lanterns' red/yellow to 25cm 37 47  
237 chrysantha yellow 30-120cm 44  
238 coerulea blue/white 15-80cm 138 173  
239 discolor blue/white 10-20cm 179  
240 einseleana blue-violet 10-45cm 146  
241 flabellata blue/white 20-30cm 59  
242 flabellata pale blue/white 20-30cm 128  
243 flabellata purple 40cm 138  
244 flabellata white 20-30cm 30 84  
245 flabellata v pumila blue 15cm 7  
246 flabellata v pumila blue/white 15cm 38 44 46  
247 flabellata v pumila mid-blue/light yellow 8cm 93  
248 flabellata v pumila 'Rosea' rose-pink to 15cm 123  
249 formosa red/orange/yellow 50-60cm 139 66  
250 fragrans creamy-white/pale purple 15-80cm 139  
251 grahamii red/yellow 20-50cm 44 138  
252 jonesii hybrid mixed to 30cm 44  
253 laramiensis cream/white 5-25cm 84  
254 nevadensis pale purple 15-60cm 161  
255 'Origami Yellow' soft yellow 35-45cm 121  
256 pyrenaica deep blue/lilac 10-30cm 46  
257 saximontana blue/cream 5-25cm 138 172  
258 saximontana hybrid 165  
259 scopulorum blue 5-30cm 68 120 138  
260 scopulorum mix flr colors/blue-grey lvs 5-30cm 68  
261 sp blue 45cm 167  
262 sp blue/white 15-20cm 82  
263 sp purple 75cm 142  
264 'Swallowtail' bright-soft yellow flr/blue-green lvs to 60cm 78  
265 viridiflora dark purplish brown/greenish 15-50cm 129  
266 viridiflora 'Chocolate Soldier' brown-purple/yellow-green 20-30cm 125  
267 viridiflora v atropurpurea dark purple 15-50cm 30  
268 vulgaris dark blue 25-40cm 163  
269 vulgaris dark red 40cm 40  
270 vulgaris double purple-pink 45-60cm 59  
271 vulgaris double/single white 60cm 34  
272 vulgaris mix 30-90cm 173  
273 vulgaris pink 30-90cm 72 163  
274 vulgaris pink/white 30-60cm 34 163  
275 vulgaris purple 30-90cm 54  
276 vulgaris white 30-90cm 54  
277 vulgaris yellow 30-90cm 54  
278 vulgaris 'Black Barlow' double dark purple-black to 90cm 92 144  
279 vulgaris 'Clementine Salmon Rose' salmon-rose pink double to 45cm 179  
280 vulgaris 'Green Apples' double green-white 45-60cm 103  
281 vulgaris 'Nivea' pure white to 90cm 103  
282 vulgaris 'Nora Barlow' rose pink/cream-pale green 60-90cm 37  
283 vulgaris v stellata rose 30-45cm 111  
284 vulgaris 'William Guinness' (true from seed) dark purple-black/white 60-75cm 101 163  
285 'Winky Blue and White' blue/white to 45cm 179  
286 **Arabis** collina pink 10-15cm 75  
287 georgiana (ex Bibb Co, Alabama) white 30cm 186  
288 **Aralia** californica greenish white 2-3m 61  
289 continentalis cream to 1m 183  
290 cordata 'Sun King' white flr/yellow-lime green lvs 90cm 116  
291 racemosa white flr/purple frt 90-150cm 4  
292 **Arctotis** stoechadifolia cream-yellow/maroon reverse flr/grey felted lvs to 35cm 165  
(Arenaria > see also Eremogone)  
293 **Arenaria** grandiflora white 5-15cm 44 52 88  
294 **Argemone** munita white 40-160cm 88  
295 **Arisaema** ciliatum red-brown/greenish-white stripe to 90cm 9  
296 consanguineum green/purple-brown 90-180cm 100  
297 consanguineum (tall form) green 120cm 2  
298 dracontium green to 130cm 9  
299 erubescens red-brown/green & white stripe to 80cm 169  
300 fargesii red-brown/white striped to 60cm 9 62  
301 flavum yellow 30-75cm >  
302 flavum ssp flavum yellow 30-75cm 12  
303 heterophyllum narrow-leaved form 62

## Garden Collected

- 304 **Arisaema** heterophyllum yellow green-purple tinged to 100cm 169 39  
 305 quinatum green-white stripe to 60cm 177  
 306 ringens greenish-white/carmine to 110cm 39 2  
 307 sikokianum carmine-white to 70cm 9 2  
 308 thunbergii ssp urashima mixed forms 25-40cm 9  
 309 thunbergii ssp urashima off white/carmine 25-40cm 2  
 310 thunbergii ssp urashima reddish-purple/grey 25-40cm 9  
 311 thunbergii ssp urashima (black-flowered form) black/grey 25-40cm 9  
 312 thunbergii ssp urashima (cf) brown 30-60cm 69  
 313 triphyllum green/purple-brown w/white stripes 60-90cm 40 69 176  
 314 triphyllum ssp triphyllum green/carmine w/white stripes to 90cm 2  
 315 **Aristolochia** californica pale green/brown-purple to 5m 139  
 316 fimbriata yellow-brown flr/silver-veined lvs 15-30cm 26 27 29  
 317 manshuriensis yellow-green 2.4-6m 183  
 318 **Armeria** 'Joystick' red/pink 30-35cm 45  
 319 juniperifolia pink 5-15cm 6 70  
 320 maritima pink 2-30cm 157  
 321 maritima pink-white 15-30cm 87 110  
 322 maritima (large form) pink-white 50-60cm 87  
 323 maritima 'Lauchiana' rich pink-rose 15-20cm 163  
 324 maritima 'Nifty Thrifty' pink flr/variegated lvs 5-15cm 89 90  
 325 maritima 'Rubrifolia' rose-pink flr/burgundy lvs 15-20cm 89 90 110  
 326 maritima 'Victor Reiter' pink 5-10cm 7 89  
 327 pungens pink/white to 40cm 112  
 328 trojana pink 2-5cm 78  
 329 welwitschii pink-white to 40cm 78  
 330 **Arnica** chamissonis yellow 20-80cm 29  
 331 **Artemisia** lactiflora creamy white to 150cm 127  
 332 **Arthropodium** candidum 'Purpureum' white flr/purple-bronze lvs 10-30cm 33  
 333 **Arum** apulum red-brown 20cm 108  
 334 dioscoridis greenish/purple 18-45cm 14  
 335 italicum cream-light green flr/red frt 30-45cm 169  
 336 italicum ssp albispatum white to 40cm 14  
 337 palaestinum dark purplish-black 10-25cm 177  
 338 sp green 30cm 108  
 339 **Aruncus** dioicus cream 120-180cm 33  
 340 **Asarina** procumbens cream/yellow 5-7cm 39 68 94  
 (Asarina > see Maurandya)  
 341 **Asarum** canadense (moist packed) pale green/purple 6-20cm 179  
 342 caudatum v viridiflorum (moist packed) greenish-yellow flr 7-17cm 179  
 343 hartwegii (moist packed) reddish-brown 9-21cm 179  
 344 **Asclepias** incarnata pink-mauve 1-1.5m 60 110  
 345 perennis white/pink 30-60cm 86  
 346 tuberosa orange 30-100cm >  
 347 tuberosa 'Hello Yellow' yellow 45-90cm 178  
 348 **Asperula** orientalis pale-clear purplish blue to 30cm 103  
 349 **Asphodeline** damascena white flr/blue-green lvs 45-170cm 49 96  
 350 liburnica yellow 60-100cm 49  
 351 lutea yellow 90-120cm 29  
 352 lutea 'Italian Gold' yellow to 120cm 186  
 353 taurica white 60-80cm 117 154  
 354 taurica (ex Bolkar Dag, Turkey) white flr/grey lvs 30-40cm 184  
 355 **Asphodelus** aestivus white 50-150m 58  
 356 albus white/pink-veined 50-120cm 14  
 357 **Asplenium** trichomanes 10-20cm 119  
 (Aster > see also Ionactis, Solidago, Symphyotrichum, Xanthisma)  
 358 **Aster** alpinus mauve-rosy purple 10-20cm 93  
 359 alpinus mix 15-30cm 100 112  
 360 alpinus purple 15-30cm 30 173  
 361 alpinus white/purple 15cm 111  
 362 alpinus (ex Kazakhstan) 165  
 363 alpinus 'Happy End' deep pink 20-25cm 37  
 364 flaccidus blue/mauve 3-30cm 93  
 365 himalaicus blue-purple 8-25cm 52 78  
 366 likiangensis bluish-lavender purple 3-20cm 88  
 367 pattersonii (not A. bigelovii) blue-purple short form 165  
 368 souliei blue-purple/violet 2-45cm 147  
 369 **Astragalus** megacarpus purple 12-15cm 36  
 370 **Astrantia** major dark pink 40cm 142  
 371 maxima pink-white to 90cm 33  
 372 **Astrophytum** asterias yellow/red base flr 2-7cm 107 152  
 373 **Asyneuma** limonifolium (dwarf form) blue 5-15cm 78  
 374 linifolium ssp linifolium blue-purple 10-15cm 147  
 375 **Athamanta** turbith white 30-50cm 88  
 376 **Atriplex** hortensis 'Rubra' red-purple flr/dark red-purple lvs 60-180cm 165  
 377 **Aubrieta** cultorum (x) 'Cascade Blue' deep blue 10-15cm 178  
 378 pinardii purple 5-15cm 68  
 379 **Aubrieta** sp (ex Mt Ossa, Greece) purple-lavender 7.5cm 121 141  
 380 **Aurinia** saxatilis golden yellow 10-30cm 103 156  
 381 saxatilis 'Sulphureum' yellow flr/grey-green lvs 15-25cm 178  
 382 **Babiana** angustifolia blue 10-20cm 54  
 383 stricta purple 10-30cm 121  
 384 tubiflora cream-white/purple-violet spots 7-15cm 121  
 385 tubulosa cream 7-15cm 3  
 386 **Baccharis** magellanica white-pale yellow to 30cm 66  
 387 **Balsamorhiza** deltoidea yellow 20-90cm 140  
 388 **Baptisia** alba cream-white 60-120cm 103  
 389 arachnifera yellow flr/silver woolly lvs 40-80cm 186  
 390 australis blue-violet flr/blue-black frt to 1.5m >  
 391 australis v minor purple-blue 30-60cm 144  
 392 bracteata cream-pale yellow 45-75cm 135  
 393 'Lunar Eclipse' lemon cream-purple 90-120cm 34  
 394 'Solar Flare' yellow ages orange-violet to 120cm 4  
 395 sphaerocarpa 'Screamin' Yellow' bright yellow 60-90cm 34  
 396 **Barnardia** (Scilla) japonica lavender/lilac 7-20cm 103 144  
 397 japonica rose purple/pink 7-20cm 177  
 398 **Bauhinia** brachycarpa white to 5m 139  
 399 **Beesia** deltophylla white 14-34cm 38  
 400 **Begonia** cucullata white-pink 30-70cm 174  
 401 formosana pinkish-white 30-60cm 186  
 402 grandis pink 28-60cm 179  
 403 grandis ssp sinensis pink 20-40cm 176  
 (Bellevia > see also Pseudomuscari)  
 404 **Bellevia** romana creamy white to 30cm 58  
 405 **Bergeranthus** vespertinus orange-yellow 2-5cm 88 130  
 406 **Berkheya** purpurea pale-deep mauve to 1m 122 138  
 407 **Berlandiera** lyrata yellow/red-maroon center 10-60cm 31 99 165  
 408 **Beta** trigyna greenish-white to 100cm 165  
 409 **Betonica** macrantha purplish-pink to 60cm 103  
 410 nivea ssp ossetica yellow-white 15-50cm 85  
 411 **Betula** pamirica (aff) (ex Halda) 74  
 412 papyrifera white bark to 30m 33  
 413 utilis v jacquemontii white bark to 20m 4  
 414 **Bidens** aristosa yellow 30-60cm 167  
 415 **Bigelowia** nuttallii yellow 25-35cm 127  
 416 **Bistorta** officinalis rose-pink 20-80cm 120  
 417 **Blackstonia** perfoliata yellow 10-50cm 60  
 418 **Blephilia** ciliata lavender/pink/white 30-600cm 162  
 419 **Bloomeria** crocea yellow 15-70cm 22  
 420 **Boehmeria** platanifolia white 90-150cm 188  
 421 sieboldiana tan to 180cm 188  
 422 **Brahea** moorei white flr/grey-silvery blue lvs 60-120cm 170  
 423 **Brimeura** amethystina deep-pale blue 10-15cm 57  
 424 amethystina sky blue 10-15cm 60  
 425 **Briza** maxima 20-60cm 60  
 426 **Brodiaea** californica 'Babylon' lilac-pink 25-60cm 94  
 427 elegans bluish purple-violet 10-50cm 8 32  
 428 **Browallia** americana blue-violet/white center to 60cm 164 167  
 (Bruckenthalia > see Erica)  
 429 **Bukinizia** cabulica pink flr/white veined lvs to 30cm 100 165  
 (Bulbocodium > see Cochicum)  
 430 **Bupleurum** longifolium yellow 50-90cm 60 165  
 431 ranunculoides yellow 10-60cm 146  
 432 spinosum yellow to 30cm 165  
 433 **Buxus** sempervirens 1-9m 22  
 434 **Calandrinia** sp (G&K 4698) orange 15cm 78 88  
 435 **Calceolaria** andina deep yellow-orange 20-35cm 106  
 436 biflora yellow 10-45cm 111  
 437 mexicana yellow 20-50cm 120  
 438 umbellata yellow 5-25cm 69  
 439 **Calliandra** californica red 60-180cm 139  
 440 **Callianthemum** hondoense (moist packed) white 5cm 70  
 441 **Callicarpa** dichotoma pink-white flr/purple frt 1-2m 101  
 442 japonica pink-white flr/violet-purple frt 1.2-1.8m 117  
 443 **Callirhoe** alcaeoides 'Logan Calhoun' white 30cm 174  
 444 involucrata reddish-purple 15-30cm >  
 445 **Calochortus** albus white-pink 20-80cm 32  
 446 monophyllus deep yellow/red-brown spotted 8-20cm 8  
 447 **Caltha** palustris yellow to 50cm 165  
 448 **Calycaanthus** 'Aphrodite' dark wine red 120-180cm 102  
 (Calydorea > see also Salpingostylis)  
 449 **Calydorea** xyphioides violet 10cm 48  
 (Calylophus > see also Oenothera)  
 450 **Calylophus** lavandulifolius yellow fades orange-pink flr/grey lvs to 20cm 88  
 451 **Camassia** leichtlinii (broad petals selection) blue-purple 65  
 452 leichtlinii ssp leichtlinii creamy white 20-130cm 60 177

## Camassia-Coronilla

- 453 **Camassia** leichtlinii ssp suksdorfii blue-violet 20-130cm 85  
454 quamash blue-violet 20-80cm 44 66 68  
455 **Campanula** ajugifolia lavender blue 20-35cm 165  
456 alliariifolia creamy white 40-70cm 45 93  
457 americana light blue-violet 60-180cm 105  
458 barbata pale blue 10-30cm 60 132  
459 barbata pale-deep blue 10-30cm 94  
460 betulifolia white/pink bud 10-20cm 88  
461 calaminthifolia blue-white flr/grey-green lvs 5-10cm 88  
462 carpatica blue/white mix 15-30cm 44  
463 carpatica blue-violet/purple 15-30cm 149  
464 carpatica 'Violet Teacups' violet-purple 15-30cm 163  
465 cervicaria pale blue-violet 30-100cm 120  
466 chamissonis blue 5-15cm 120  
467 cochleariifolia 'Bavaria Blue' pale blue 5-10cm 28  
468 collina rich purple-blue 15-35cm 147 179  
469 formanekiana lilac blue-white flr/grey-downy lvs 15-30cm 147  
470 fragilis blue 10-45cm 147  
471 hofmannii creamy white 30-60cm 160  
472 incurva pale blue-lilac to 30cm 80 99 165  
473 komarovii bright blue-deep violet to 50cm 147  
474 latifolia ice blue 60-120cm 177  
475 latifolia mix 60-120cm 177  
476 latifolia white 60-120cm 177  
477 latifolia 'Macrantha' purplish blue 60-120cm 30  
478 moesiaca pale lilac-blue 30-40cm 112  
479 patula violet-pale blue 40-60cm 60  
480 pendula creamy white 30-60cm 60  
481 persicifolia violet-blue 30-90cm 59  
482 persicifolia 'Planiflora' deep blue to 25cm 110  
483 persicifolia 'Telham Beauty' blue 60-120cm 45  
484 poscharskyana 'Blue Waterfall' violet-blue 15-20cm 163  
485 primulifolia lavender blue to 90cm 54 60 94  
486 rumeliana lilac-blue to 30cm 76 78  
487 'Samantha' blue-violet 10-15cm 172  
488 sarmatica (cf) white 35cm 147  
489 saxifraga ssp aucheri violet-blue 5-15cm 6 88  
490 speciosa blue-purple/white 30-50cm 147  
491 topaliana blue-violet flr/grey lvs 20-40cm 88  
492 troegerae pink buds/white 10-20cm 78  
493 troegerae (ex Turkey) white flr/grey hairy lvs 10-15cm 184  
494 versicolor lilac/purple 20-40cm 88 147  
495 waldsteiniana (ex Velebit, Croatia) blue 184  
496 wanneri violet 30cm 96  
497 zangezura lavender-violet to 30cm 28 112  
498 **Capnoides** (Corydalis) sempervirens pink/yellow tip 5-80cm 73  
499 **Cardamine** concatenata white-pale pink 20-40cm 179  
500 **Cardiocrinum** cordatum v glehnii (hort) greenish-white 1.5-2m 183  
501 giganteum white/streaked purple 1-3m 181 94  
502 giganteum v yunnanense white/purple-red streak 1-3m 20 9  
503 **Carex** muskingumensis 40-100cm 110  
504 nigra 10-110cm 10  
505 pendula 20-100cm 11 71  
506 scaposa pink to 30cm 186  
507 **Carlina** acaulis ssp caulescens silvery white 15-50cm 185  
508 **Cassia** nemophila yellow 180cm 158  
509 **Catananche** caerulea lavender-blue 30-60cm 56 166  
510 caespitosa yellow flr/silver-grey lvs 5-10cm 165  
(Caryopteris > see Tripora)  
511 **Ceanothus** americanus white 80-150cm 10  
(Centaurea > see Psephellus)  
512 **Centaurium** scilloides bright pink 7.5cm 69  
513 **Centranthus** ruber 'Albus' white 45-90cm 178  
514 **Centratherum** punctatum lavender-purplish 10-50cm 26  
515 **Cephalanthus** occidentalis white-pale yellow 1-3m 167  
516 **Cephalaria** gigantea pale yellow 120-240cm 111 136  
517 **Cerastium** alpinum white 10cm 47  
518 alpinum v lanatum white flr/silvery woolly lvs 6-10cm 179  
519 latifolium white 3-10cm 92  
520 **Cerinth** major ssp purpurascens purple flr & bracts/blue-green lvs 18-60cm 26  
521 **Chaenorhinum** glareosum violet-lilac to 30cm 179  
522 **Chamaebatiaria** millefolium white 60-200cm 165  
523 **Chamaecytisus** pygmaeus (ex Turkey) yellow 30cm 185  
524 **Chamaedaphne** calyculata white 20-150cm 100  
525 **Chamaelirium** luteum white 30-60cm 186  
526 **Chasmanthium** latifolium to 1.5m 110  
527 **Chasmatophyllum** musculinum bright yellow 5cm 88  
528 **Chiastophyllum** oppositifolium yellow 15cm 106  
(Choinodoxa > see Scilla)  
(Chirita > see Primulina)  
529 **Chlorogalum** grandiflorum white/purplish midvein 30-100cm 139  
530 **Chlorophytum** nepalense white 30-60cm 174  
(Cimicifuga > see Actaea)  
531 **Cinna** arundinacea 28-185cm 105  
532 **Cirsium** rivulare 'Atropurpureum' dark crimson 90-150cm 166  
533 **Cistus** laurifolius (hardy in Colorado - ex Halda) white 150cm 130  
534 **Citrus** trifoliata 'Flying Dragon' white flr/yellow frt/contorted to 3.5m 116  
535 **Cladrastis** kentukea 'Perkins Pink' pink to 15m 175  
536 **Clarkia** pulchella magenta 10-40cm 50  
537 **Claytonia** megarhiza v nivalis pink-purple 2-5cm 68  
538 virginica (moist packed) white/pink 5-20cm 47  
539 **Clematis** addisonii reddish-purple/cream tips 60-100cm 94 150  
540 alpina blue-violet/purple to 4m 55  
541 alpina pink to 4m 119  
542 alpina ruby red to 2.5m 59  
543 chiisanensis pale yellow 2-3m 183  
544 coactilis pale yellow 20-45cm 151  
545 columbiana v tenuiloba violet-blue 15cm 131  
546 crispa violet-blue to 3m 97  
547 durandii (x) deep violet-blue to 1.8m 21  
548 fremontii pale blue-violet/purple 15-45cm 12 78 135  
549 fusca purple-brown 35-200cm 132 135 183  
550 glaucophylla deep rose red-purplish red to 5m 154 35  
551 hexapetala white 30-100cm 73 165  
552 hirsutissima dark violet-blue 15-65cm 9 60 165  
553 ianthina blue violet/purple violet to 2.4m 183  
554 integrifolia Lake Baikal Form lavender-blue 15-45cm 179  
555 integrifolia 'Mongolian Bells' blue/lavender/pink/white 25-35cm 165  
556 mandshurica white 90-150cm 165  
557 napaulensis greenish-white/purple anthers to 3m 33  
558 occidentalis violet-blue 3m 127  
559 ochroleuca pale yellow-pale purple 20-70cm 68 143  
560 recta white 60-150cm 111  
561 recta 'Lime Close' white flr/dark purple lvs to 1.5m 94  
562 recta 'Purpurea' white flr/purple new lvs to 1.5m 177 179  
563 rehderiana pale yellow to 7.7m 132 94  
564 'Rooguchi' indigo-violet/plum purple to 2.4m 4 179  
565 scottii dark violet-blue 15-65cm >  
566 serratifolia yellow 4-5m 176  
567 tangutica bright yellow 2-4m 64  
568 texensis rose-red/scarlet to 3m 31  
569 texensis (Tarpley River form) all red/narrow flrs 3m 154  
570 viorna reddish purple-lavender/cream-yellow to 4m 46 97 179  
571 **Cleome** hirta purplish-pink to 1.6m 11 29  
572 serrulata (Pl) purple-pink 30-120cm 122 133  
573 serrulata 'Eleni' white 10-150cm 165  
574 **Clethra** acuminata white to 6m 4  
575 alnifolia 'Ruby Spice' rose-pink 120-180cm 167  
576 **Clintonia** umbellulata white-greenish white flr/black frt 27-60cm 179  
577 **Codonopsis** clematidea pale blue/dark veins/purple spots inside 50-100cm 30 120  
578 forrestii pale blue/blue-purple 1-3m 94  
579 lanceolata greenish-cream/purple inside to 1.5m 94  
580 ovata pale blue/purple veined 30-40cm 111  
581 **Colchicum** alpinum purplish-pink 15cm 145  
582 autumnale purplish pink/rose lilac 14-35cm 57  
583 bulbocodium rose-purple 10-15cm 165  
584 bulbocodium (ex Ruksans) lavender 15cm 59  
585 cupanii pale-deep purplish pink 7-15cm 57  
586 cupanii v pulverulentum pale pink-lilac 7-15cm 80  
587 doerfleri bright pink 10cm 145  
588 filifolium pink-lilac 5-10cm 165  
589 montanum purple-red purple to 22cm 145  
590 soboliferum pink 5-15cm 80 165  
591 sp mixed (autumn-blooming) lilac/pink/white 15-30cm 179  
592 speciosum 'Album' white to 25cm 179  
593 'Zephyr' violet-purple 15-20cm 179  
594 **Collomia** grandiflora peach 10-100cm 139  
595 **Commelina** coelestis bright blue 30-60cm 94  
596 **Consolida** ajacis blue-purple 30-80cm >  
597 **Convallaria** majalis 'Hardwick Hall' white flr/cream-yellow edge lvs 10-30cm 59  
598 **Convolvulus** compactus white-rose flr/silver hirsute lvs to 8cm 88  
599 **Coreopsis** lanceolata yellow 10-60cm 110  
600 palmata yellow 30-80cm 161  
601 **Coronilla** minima yellow to 20cm 76  
(Cortusa > see Primula)  
(Corydalis > see also Pseudofumaria)

## Garden Collected

- 602 **Corydalis** cheilanthifolia pale-bright yellow 10-30cm 60  
603 nobilis cream-yellow/dark tip 30-50cm 187  
604 nobilis (moist packed) cream-yellow/dark tip 30-50cm 47  
605 solida (moist packed) mix 10-25cm 179  
606 **Corylopsis** gotoana pale yellow to 5m 101  
(Coryphantha > see Escobaria)  
607 **Cosmos** bipinnatus 'Kiuro' pale yellow/peach reverse to 120cm 150  
608 parviflorus rose pink 30-90cm 174  
609 sulphureus yellow-red orange 30-200cm 162  
610 **Cotoneaster** salicifolius 'Repens' white flr/red frt to 30cm 101  
611 **Cotula** hispida yellow flr/silvery lvs 10-20cm 90  
612 sp (ex Tiffindell, South Africa) 165  
613 **Cotyledon** orbiculata orange-red flr/grey-green lvs 13-45cm 133  
614 **Crambe** maritima white flr/blue-green lvs to 75cm 164  
615 **Cremanthodium** arnicoides yellow to 60cm 59 181  
616 arnicoides x delavayi yellow 45cm 30  
617 brunneopilosum yellow to 100cm 30  
618 **Crepis** rubra pink to 40cm 15  
619 **Crocus** adanensis pale lilac/white base 6-8cm 80  
620 baytopiorum sky blue 6-12cm 189  
621 cartwrightianus lilac/purple veining 8-10cm 57  
622 cartwrightianus 'Halloween' white-soft purple veins/purple throat  
8-10cm 57  
623 caspius white/lilac outside 10cm 57  
624 chrysanthus (ex Greece) 189  
625 fleischeri white 5-9cm 80  
626 fleischeri (ex Turkey) 189  
627 goulimyi lilac-blue 10cm 22 57  
628 heuffelianus purple-violet 8-20cm 59  
629 kosaninii lilac blue 7.5cm 189  
630 kotschyanus pale-mid lilac/darker veining 10-18cm 57  
631 laevigatus lilac-white/dark veins 6-9cm 57  
632 longiflorus lilac-purple 8-12cm 57  
633 nivalis lilac blue 7-9cm 57  
634 pulchellus pale to mid-lilac/darker veins 12-20cm 57  
635 suaveolens (ex TCH1603) 57  
636 sublimis pale lilac-blue/yellow 7-10cm 145  
637 veluchensis pale-deep purple 8-12cm 146  
638 vernus 'Jeanne d'Arc' white 10-15cm 179  
639 vernus ssp albiflorus white/purple stripe 6-15cm 80  
640 vernus ssp vernus lilac-purple 8-12cm 22  
641 **Curio** herreanus white-cream 15-30cm 150  
642 **Cyclamen** confusum pink-rose flr/thicker lvs 15cm 85  
643 cyprum white-pink/magenta mark 6-20cm 85  
644 graecum pink 6-16cm 3 112  
645 graecum 'Windmill' 20  
646 hederifolium pink 8-20cm 5  
647 hederifolium white 8-20cm 65 179  
648 hederifolium (ex Corfu, Greece) scented form 85  
649 hederifolium (ex CSE) 57  
650 hederifolium 'Silver Arrow' 15cm 85  
651 hederifolium Silver Leaf Group white 8-20cm 145  
652 libanoticum white-pink 8-15cm 85  
653 mirabile pale-deep pink 5-13cm 20  
654 persicum pure white 13-32cm 57  
655 persicum (ex CSE) 57  
656 persicum (species, not florist's forms) 13-32cm 85  
657 persicum 'Tilebarn Karpathos' dark pink 13-32cm 57  
658 purpurascens rose-pink/purple 4-18cm 57 58 145  
659 rohlfsianum pink 5-10cm 182  
660 **Cynoglossum** montanum dark maroon-deep pink 30-50cm 155  
661 **Cypella** herbortii golden yellow 30-50cm 186  
(Cypella > see also Phalocallis)  
662 **Cyrtanthus** breviflorus yellow to 30cm 78  
663 epiphyticus reddish-orange 30-50cm 143  
664 **Dactylicapnos** (Dicentra) macrocapnos yellow 2-8m 60  
665 scandens yellow 2-5m 94 179  
666 **Dactylorhiza** purpurella violet-purple to 45cm 69  
667 sp mauve 25cm 56  
668 **Daphne** alpina white 40-60cm 68 187  
669 domini pale pink flr/orange frt 20-30cm 68 146 177  
670 kurdica white 30-60cm 76 185  
671 laureola ssp philippi yellow-green 30-60cm 37 187  
672 mezereum pink-light purple 50-150cm 177  
673 mezereum white flr/yellow frt to 100cm 96 177  
674 oleoides cream-white/pink tinted to 60cm 170  
675 pontica yellow-green 50-100cm 187  
676 pontica ssp haematocarpa yellow-green flr/red frt to 1m 68  
677 sojakii white flr/orange frt to 30cm 68  
678 wolongensis 'Guardman' pink 60-120cm 112  
679 **Dasyochloa** pulchella woolly lvs 4-15cm 88  
680 **Daucus** carota 'Dara' (PI) burgundy fades to pink-white to 90cm 26 120  
681 carota 'Rosea' (PI) rose-pink 40-100cm 86  
682 **Deinantha** veleitica yellow flr/silver-grey lvs 5-10cm >  
683 **Deinantha** caerulea blue 30-50cm 95  
684 **Delosperma** 'Copper Spinner' (sibling of 'Fire Spinner') 165  
685 'Granita Raspberry' raspberry red to 5cm 165  
686 'Lavender Ice' lavender-pink 5-7.5cm 44  
687 'Lesotho Pink' bright pink 2.5cm 44  
688 nelii bright pink-purple to 15cm 165  
689 sp (dwarf) magenta 165  
690 sutherlandii rose-purple 5-10cm 44  
(Delphinium > see also Consolida)  
691 **Delphinium** cashmerianum blue-purple 10-50cm 120  
692 elatum blue 40-200cm 22  
693 elatum white 40-200cm 22  
694 exaltatum pale lavender/purple 70-200cm 126  
695 grandiflorum blue 20-35cm 92  
696 grandiflorum 'Blauer Zwerg' deep blue 30-40cm 41  
697 nuttallianum blue-purple 10-40cm 152  
698 pylzowii blue-purple/bluish-grey 20-55cm 165  
699 requienii blue-grey to 120cm 28  
700 **Desmanthus** illinoensis white 90-120cm 158  
701 **Desmodium** perplexum light pink-purplish pink 75-150cm 161  
702 **Deuterochonia** longipetala yellow/orange to 120cm 139  
703 **Dianthus** alpinus rich pink 5-10cm 99  
704 alpinus (cf) hybrid 165  
705 arenarius 'Little Maiden' pure white 15cm 76 163  
706 armeria pink/rose 15-70cm 43 163  
707 arpadianus pink 5cm 68  
708 barbatus dark pink 30-60cm 171  
709 barbatus mix 30-60cm 68 173  
710 barbatus white 30-60cm 21  
711 callizonus pink-carmine 5-10cm 36 99  
712 carthusianorum deep pink-purple to 60cm 4 111  
713 carthusianorum (cf) clusterhead 165  
714 chinensis pink 30-50cm 172  
715 chinensis 'Siberian Blue' lavender-blue/reddish-violet to 30cm 163 177  
716 crinitus white/pinkish 30-40cm 133  
717 deltooides bright pink 15-25cm 24 163 171  
718 deltooides magenta 10-25cm 76  
719 deltooides red 15-25cm 43  
720 deltooides 'Arctic Fire' white/red-pink eye 15-20cm 163  
721 ferrugineus dark ruby red 30-45cm 88 133  
722 freynii pink flr/grey-green lvs 5-10cm 89 146  
723 giganteus red-pink to 1m >  
724 gratianopolitanus deep rose-pink flr/blue-green lvs 6-25cm 36  
725 gratianopolitanus (cf) 165  
726 haematocalyx purple-red/pink 5-25cm 44 138 171  
727 haematocalyx ssp pindicola pinkish-purple 1-6cm 68  
728 integer white 25-40cm 137  
729 japonicus pink/lavender 30-60cm 83  
730 knappii soft yellow to 40cm 14 21  
731 microlepis pink-purple flr/silver-grey lvs to 10cm 36 172  
732 mixed European alpine species 2.5-30cm 44  
733 monspessulanus (cf) white fringed flr dwarf 165  
734 myrtinervius (ex Greece) 80  
735 myrtinervius ssp caespitosus deep pink 2-7cm 138  
736 nitidus deep pink 7-15cm 84 153 165  
737 pavonius pale-purplish red 10cm >  
738 pavonius pink 10cm 120  
739 'Peppermint Star' pink/red center 20cm 163  
740 petraeus ssp noeanus white 10-15cm 44 78 123  
741 pinifolius rose-red 10-20cm 99  
742 plumarius pink mix flr/grey-green lvs 30-40cm 173 138  
743 plumarius pink/maroon eye 15-30cm 163  
744 plumarius ssp hoppei pale pink-white flr/blue-green lvs 10-20cm 182  
745 squarrosus white flr/grey-green lvs to 10cm 84 142  
746 subacaulis pale-carmine pink 3-20cm 138  
747 subacaulis pink flr/blue-grey lvs 20-25cm 59  
748 superbus mix 25-45cm 24 142 173  
749 tymphresteus pink/dark red-purple marks 5-10cm 88  
750 webbianus pinkish purple 5-10cm 165  
(Dicentra > see also Dactylicapnos, Ichtyoselmis)  
751 **Dichelostemma** ida-maia red/green 30-90cm 165  
752 **Dicranostigma** lactucoides yellow flr/blue-grey lvs 15-60cm 147  
753 **Dictamnus** albus 'Purpureus' pink w/dark veins 60-90cm 45 99 179  
754 **Dierama** pauciflorum bright pink-reddish 30-60cm 94  
755 reynoldsii deep magenta-purple flr/silver bract 1-2m 60  
756 **Dietes** iridioides white/violet flushed styles 30-60cm 60

## **Digitalis-Eryngium**

- 757 **Digitalis** ciliata pale yellow 30-60cm 1  
758 davisiana pale yellow/orange veins to 70cm 1  
759 ferruginea yellow-rusty brown to 120cm 1 60  
760 grandiflora pale yellow 70-120cm >  
761 grandiflora 'Carillon' pale yellow 30-45cm 142  
762 lanata cream/purple-brown 30-60cm 1 177  
763 lutea pale yellow 60-90cm >  
764 obscura rusty dark orange/green-yellow 30-60cm 165 186  
765 purpurea purple-pink 60-150cm 24 156  
766 purpurea white 60-150cm 24 150  
767 purpurea 'Sutton's Apricot' pale apricot-pink 60-120cm 103  
768 thapsi pink flr/woolly lvs 30-60cm 165  
769 viridiflora yellow-green 60-90cm 24  
770 **Dionysia** involucreta violet-purple 1-5cm 68  
771 **Diplarrena** moraea white 50-100cm 65 94  
772 **Disanthus** cercidifolius purple to 3m 4  
773 **Disporum** uniflorum yellow 20-80cm 93  
774 **Dodecatheon** alpinum pink 10-35cm 138  
775 amethystinum deep pink-purplish 10-50cm 128  
776 jeffreyi magenta-lavender/cream 10-60cm 74 103  
777 meadia magenta-fuchsia 10-50cm 60 111 142  
778 meadia pink 10-50cm 125  
779 meadia white 10-50cm 40  
780 pulchellum magenta-lavender 10-45cm 50 59 60  
781 pulchellum x dentatum pale pink 60  
782 sp white 45cm 125  
783 **Doronicum** columnae 'Magnificum' yellow 45-60cm 72  
784 **Douglasia** laevigata v ciliolata deep pink-rose 2-7cm 68  
785 montana rose pink 2-5cm 68  
786 **Draba** aizoides yellow 5-10cm >  
787 arabisans white 7-30cm 110 157  
788 bruniifolia ssp olympica yellow 5-10cm 165  
789 bryoides yellow 3-5cm 147  
790 cretica yellow 1-5cm 171  
791 cuspidata yellow flr/hairy lvs 5-10cm 93  
792 dedeana white 5-8cm 70 78 141  
793 densifolia pale yellow 2-10cm 125  
794 glacialis yellow to 20cm 93  
795 hispanica yellow 2-10cm >  
796 incerta yellow flr/hairy lvs 4-14cm >  
797 kitadakensis white flr/grey-green lvs 10-15cm 30 93  
798 lasiocarpa deep yellow 5-20cm 93  
799 mollissima yellow 1-5cm 68 70  
800 novolympica bright yellow to 4cm 47 68 179  
801 oligosperma yellow/cream white 2-10cm 50 133  
802 paysonii pale yellow 3cm 36  
803 polytricha yellow flr/grey-green lvs 1-5cm 93 133  
804 ramosissima white 7-30cm 93 142  
805 sachalinensis white flr/greyish lvs 10-25cm 93  
806 sakuraii white 7-20cm 93  
807 sp yellow 3cm 69  
808 sphaeroides yellow 3-8cm 93 147  
809 streptocarpa yellow 4-25cm 93  
810 **Dracocephalum** argunense blue-purple 25-57cm 46  
811 argunense 'Fuji Blue' blue to 30cm 142  
812 botryoides lavender-pink flr/woolly lvs 10-15cm 99 123  
813 forrestii blue-purple 13-28cm 187  
814 renati creamy white 20-25cm 165  
815 ruyschiana blue-purple 15-25cm 44 90 111  
816 **Drosera** binata white to 30cm 69  
817 filiformis v filiformis pink/purple-lavender 6-26cm 168  
818 **Drosophyllum** lusitanicum yellow 20-40cm 67  
819 **Dryas** drummondii yellow 2-23cm 138  
820 octopetala white/cream 3-12cm 93 118 129  
821 **Drymocallis** (Potentilla) arguta creamy white-yellowish 30-100cm 161  
822 rupestris 'Nana' white 7-12cm 44 80  
823 **Dudleya** pulverulenta red 30-100cm 143  
824 **Dyckia** leptostachya orange-yellow flr/reddish lvs 30-90cm 121  
825 rariflora orange/white 1m 139  
826 sp orange 15cm 158  
827 sp red 30cm 170  
828 **Eccremocarpus** scaber mix orange/red/lavender-pink 2-3m 94  
829 scaber red-orange to 5m 61 65 87  
830 **Echeandia** texensis 'Loma del Potrero Cerdado' yellow 90-150cm 186  
831 **Echinacea** pallida pale pink-purple to 1.4m 1 100 136  
832 purpurea pink-purple 50-120cm 167  
833 purpurea 'Bravado' light-rose pink 90-120cm 1  
834 **Echinocactus** texensis bright rose-pink/pale silvery pink 10-30cm 152  
835 **Echinocereus** reichenbachii magenta 7.5-30cm 152  
(Echium > see also Pontechium)  
836 **Echium** amoenum russet-red 15-40cm 141 179  
837 **Edraianthus** graminifolius blue-violet 5-10cm 44 52 129  
838 graminifolius (Apennines form) blue 2-8cm 78  
839 jugoslavicus (nv) blue-violet to 25cm 78  
840 parnassicus violet 10-15cm 78  
841 pumilio violet-blue flr/silver lvs 1-3cm 145  
842 serpyllifolius deep violet 2-5cm 182  
843 tenuifolius blue-violet 5-20cm 52  
844 **Elliottia** bracteata white 30-50cm 106  
845 **Elmera** racemosa white/cream 10-35cm 78 38  
846 **Elsholtzia** stauntonii rose-purple 70-170cm 167  
847 **Elymus** hystrix 60-120cm 47  
848 **Emilia** coccinea orange/red to 1m 72  
849 javanica mix orange/red-orange/red 30-60cm 26  
850 **Enemion** biternatum (moist packed) white 10-40cm 179  
851 **Ennealophus** euryandrus blue-lavender 30cm 83  
852 **Ephedra** monosperma red cones to 15cm 165  
853 **Epilobium** canum reddish pink/red-orange to 60cm 87 140  
854 canum 'Solidarity Pink' pale pink 20-60cm 94  
855 canum ssp garrettii red-orange 15-40cm 138 165  
856 rigidum pink 10-40cm 122  
857 **Epipactis** gigantea greenish-rose/red-brown 30-100cm 60  
858 **Epiphyllum** 'Desert Sunrise' orange 40cm 150  
859 **Epithelantha** micromeris pink-white flr/dense white-grey spines  
1-5cm 16  
860 micromeris (LAU749) pink 3-5cm 16  
861 **Eragrostis** spectabilis reddish-purple 30-70cm 15  
862 **Eranthis** hyemalis (moist packed) yellow 5-15cm 23 179  
863 pinnatifida (moist packed) white petal/blue-purple anther  
5-15cm 179  
864 **Eremogone** (Arenaria) lychnidea white 10-20cm 147  
865 **Eremurus** cristatus brown-purple 50-80cm 189  
866 fuscus pale yellow-brownish 60-120cm 145  
867 himalaicus white 75-100cm 182  
868 robustus white 2.5-3m 173  
869 stenophyllus hybrids yellow-orange 165  
870 **Erica** spiculifolia pale rose pink 15-25cm 100  
871 **Erigeron** alpinus lilac/red-purple 15-20cm 111  
872 arenarioides pale blue 6-25cm 133  
873 compactus white 2-10cm 103  
874 compositus pink 5-15cm 52  
875 compositus white 5-15cm 64  
876 compositus 'Railroad Ridge' lavender-pink flr/grey-green lvs 5cm 133  
877 compositus 'The Giant' white 20-25cm 140  
878 elatior (short forms) 30-38cm 165  
879 glaucus purple 5-30cm 93  
880 glaucus 'Olga' lavender to 30cm 52  
881 howellii white 20-50cm 165  
882 howellii white 5-7.5cm 6  
883 leiomerus lavender/violet 4-12cm 90  
884 leiomerus white/blue-purple 4-12cm 93  
885 peregrinus purplish-pink/white 5-55cm 74  
886 pumilus lilac/lavender 5-30cm 89 90  
887 scopulinus white 0.5-3.5cm 52  
888 sp (dwarf) 10cm 165  
889 speciosus (ex Boulder Co, Colorado) purple 40cm 30  
890 ursinus pink-bluish purple 5-25cm 165  
891 **Erinus** alpinus mix 10-15cm 149  
892 alpinus rose-pink 10-15cm >  
893 alpinus white 10-15cm 44 47 68  
894 **Eriogonum** compositum pale-bright yellow 20-40cm 165  
895 heracleoides cream-off white/white woolly lvs 35cm 165  
896 ovalifolium late white 2-30cm 165  
897 ovalifolium mix 2-30cm 165  
898 ovalifolium (cf) 165  
899 umbellatum 'Shasta Sulfur' lemon yellow flr/grey-green lvs  
to 30cm 165  
900 umbellatum v aureum 'Kannah Creek' yellow turns orange/  
purple-red winter lvs 30-40cm 165  
901 umbellatum v modocense bright yellow 7-25cm 76  
902 umbellatum v porteri bright yellow 2-6cm 88 165  
903 **Eriophyllum** lanatum yellow flr/woolly grey lvs 10-60cm 50  
904 **Eritrichium** canum blue 15-40cm 29 48 134  
905 **Erodium** lindavicum (x) whitish flr/greyish lvs to 45cm 137  
906 manescavi magenta-pink 20-45cm 41 165  
907 **Eryngium** aquaticum white-purplish tinge to 120cm 144  
908 bourgatii silver-blue 15-45cm 103  
909 giganteum bluish-silver to 120cm 37 165  
910 planum silvery blue to 60cm 42  
911 yuccifolium greenish-white to 1.5m 42 129 144

## **Garden Collected**

- 912 **Eryngium** yuccifolium 'Kershaw Blue' tan flr/powder-blue lvs 60-150cm 186
- 913 **Erysimum** franciscanum hybrids 139
- 914 marshallii (x) orange to 50cm 173
- 915 pusillum yellow flr/grey lvs 20-40cm 133
- 916 **Erythranthe** (Mimulus) cardinalis orange-red/scarlet 25-80cm 60
- 917 glabrata yellow 10-60cm 165
- 918 **Erythronium** krylovii (ex Ruksans) white 16-20cm 59
- 919 oregonum cream/yellow base/mottled lvs 15-40cm 68
- 920 revolutum violet-pink 15-40cm 20 68
- 921 **Escobaria** sneedii ssp leei brownish-pink 1.5-8cm 99
- 922 sneedii ssp orcuttii pink-white to 15cm 99
- 923 vivipara pink-magenta 2-20cm 88 99
- 924 **Eucomis** vandermerwei maroon flr/maroon blotch lvs 8-20cm 143
- 925 zambesiaca white to 30cm 143
- 926 **Euonymus** cornutus reddish-purple flr/red frt 2-3m 181
- 927 fortunei greenish-whitish flr/red-orange frt to 10m 181
- 928 nanus white-green flr/pink-red frt 1-2m 47
- 929 obovatus greenish-purple flr/red-orange frt 10-50cm 151
- 930 sachalinensis bright red frt 2-3m 181
- 931 **Euphorbia** leuconeura white flr/white-veined new lvs to 180cm 120
- 932 rigida acid yellow flr/blue-grey lvs 30-60cm 121
- 933 **Farfugium** japonicum yellow to 70cm 139
- 934 **Ferocactus** chrysacanthus yellow-red 30-90cm 16
- 935 gracilis ssp coloratus red to 1m 16
- 936 **Festuca** glauca 'Elijah Blue' silver-blue lvs 20-30cm 110
- 937 **Fibigia** clypeata yellow flr/grey felted lvs 15-75cm 24
- 938 macrocarpa yellow flr/grey lvs 25cm 78
- 939 **Foeniculum** vulgare 'Purpureum' yellow flr/purple-bronze lvs 90-180cm 165
- 940 **Frailea** buenekeri ssp densispina (ex AH 0054) yellow 2cm 107
- 941 pygmaea (ex PR 0182) yellow 1-3cm 107
- 942 **Francoa** appendiculata pale pink/rose markings 60-90cm 94
- 943 ramosa white/pink 60-90cm 112
- 944 sonchifolia white/pink line 20-60cm 112
- 945 **Freesia** laxa 'Joan Evans' white/red eye to 30cm 158
- 946 **Fritillaria** acmopetala yellowish green-purplish brown 30-70cm 60 85
- 947 acmopetala dark form brown/yellow 30-70cm 8
- 948 camtschaticensis greenish-brown/brownish-purple 20-60cm 120 135 183
- 949 crassifolia green-yellow/brown 3-10cm 189
- 950 elwesii dark purple/green 15-30cm 8
- 951 graeca green/purplish 6-20cm 60
- 952 gussichiae green/reddish-brown shading 20-30cm 145
- 953 imperialis pale orange 40-100cm 75
- 954 kurdica (ex Armenia) 189
- 955 meleagris mix 15-40cm 59
- 956 meleagris purple checkered 15-40cm 21 57
- 957 meleagris white 15-40cm 38 179
- 958 meleagris (short form ex Ruksans) pure white 25-30cm 179
- 959 messanensis ssp gracilis red-purple/brown 20-35cm 8 186 189
- 960 michailovskiyi brownish-purple/yellow tips 6-25cm 85 189
- 961 pallidiflora pale yellow 15-45cm >
- 962 persica plum purple-grey green 30-90cm 85 179
- 963 pontica pale green/maroon tinged 15-45cm 60 80 112
- 964 pyrenaica brownish-purple/yellow-greenish 15-30cm 20 60 85
- 965 pyrenaica ssp pyrenaica blackish-purple/yellowish inside 15-30cm 14
- 966 reuteri purplish-brown/yellow 15-25cm 8
- 967 sewerzowii purplish-brown 20-50cm 138
- 968 sp brown/purple/green 35cm 69
- 969 thunbergii pale yellow/slightly tessellated 15-80cm 143
- 970 **Gaillardia** aristata yellow 20-80cm 111
- 971 aristata 'Oranges and Lemons' peachy orange/yellow tips 30-45cm 136
- 972 **Galanthus** nivalis white/green blotch 7-20cm 179
- 973 **Galax** urceolata white 20-40cm 4  
(Galtonia > see Ornithogalum)
- 974 **Gaultheria** pyroloides cream-light pink flr/white frt 10-30cm 60
- 975 sinensis white 5-15cm 28  
(Gaura > see Oenothera)
- 976 **Gazania** linearis 'Colorado Gold' yellow 10-15cm 142
- 977 **Gelasine** elongata bright blue-violet flr/grey-green lvs to 60cm 83 144
- 978 **Gentiana** acaulis blue 2-8cm >
- 979 andrewsii dark blue 30-60cm 31 41 177
- 980 andrewsii white 30-60cm 157
- 981 asclepiadea deep blue 60-90cm >
- 982 asclepiadea mix 30-80cm 56 132
- 983 asclepiadea white 60-90cm 59 74
- 984 asclepiadea 'Rosea' pink-rose 30-60cm 94
- 985 autumnalis deep blue 30-60cm 151
- 986 calycosa deep blue 5-45cm 138
- 987 clausa blue-purple 30-60cm 4 94
- 988 **Gentiana** clusii blue 5-10cm 120
- 989 cruciata violet-blue 20-40cm 84 94
- 990 cruciata 'Blue Cross' dark blue to 30cm 163
- 991 dahurica dark blue-purple 10-25cm 142
- 992 kirilowii (nv) (ex Kazakhstan) 165
- 993 linearis blue-purple 30-60cm 151
- 994 lutea yellow 1-2m >
- 995 paradoxa blue 15-25cm 60
- 996 paradoxa x septemfida blue 10-20cm 165
- 997 septemfida white 15-30cm 165
- 998 septemfida v lagodechiana 'Hascombensis' blue 30cm 59
- 999 setigera (ex NNS 91913-7, Siskiyou Co, OR) violet-blue 15cm 94
- 1000 verna deep blue 5-8cm 97
- 1001 **Geranium** cinereum pink flr/grey-green lvs to 15cm 137
- 1002 cinereum hybrid purple 137
- 1003 maculatum white 30cm 38
- 1004 maculatum (ex wild Michigan) lilac-pink/rose to 60cm 179
- 1005 maculatum 'Espresso' lavender flr/brown lvs 45-60cm 38 95
- 1006 magniflorum purple 15-25cm 165
- 1007 petri-davisii (ex Turkey) pink/white center 20cm 137
- 1008 pratense blue-purple 60-90cm 165
- 1009 sanguineum 'Striatum' pale pink/dark pink veins 10-20cm 178
- 1010 sanguineum 'Striatum' purple 15cm 40
- 1011 sp (ex Chris Chadwell) rose-pink 16-25cm 45
- 1012 subcaulescens bright magenta pink/black center to 20cm 137
- 1013 thunbergii 'Jester's Jacket' pink flr/cream-pink-green splashed lvs to 30cm 26
- 1014 viscosissimum (ex Big Horns) purple 137
- 1015 **Geum** coccineum red-orange 30-45cm 111
- 1016 coccineum 'Koi' bright red-orange to 20cm 142
- 1017 magellanicum yellow to 75cm 30
- 1018 montanum bright yellow 10-35cm 78
- 1019 rivale pink 25-70cm 24
- 1020 rivale yellow/purple-brown 25-70cm 111 165
- 1021 triflorum cream/pink-purple 10-45cm 29
- 1022 **Gillenia** stipulata white 40-100cm 23
- 1023 trifoliata white/pale rose 40-100cm 4 73 161
- 1024 **Gladiolus** carneus white/pink 25-60cm 121
- 1025 caucasicus red-violet 70-100cm 59
- 1026 communis reddish purple 50-100cm 60
- 1027 dalenii 'Boone' peachy-apricot 60-120cm 28
- 1028 flanaganii bright red/paler red to 30cm 92 94
- 1029 imbricatus reddish-violet purple 40-60cm 60 176
- 1030 italicus pink-light purple 50-100cm 14
- 1031 kotschyanus deep violet-purple/lilac 35-65cm 117
- 1032 scabridus bright pink to 100cm 174
- 1033 **Glaucidium** palmatum mix 45-60cm 101
- 1034 palmatum pink-pale purple 45-60cm >
- 1035 palmatum white 45-60cm 90
- 1036 **Glaucium** acutidentatum hybrids orange/red/yellow 165
- 1037 fimbrilligerum yellow/orange 30-60cm 1
- 1038 flavum orange to 80cm 9
- 1039 flavum yellow to 80cm 83
- 1040 grandiflorum dark orange-red 30-50cm 109
- 1041 **Glebionis** segetum yellow to 80cm 150
- 1042 **Globularia** incanescens pale blue 5-10cm 147 149
- 1043 meridionalis lavender-blue 10-15cm >
- 1044 nudicaulis violet-blue 20-30cm 142
- 1045 repens blue-lilac 1-5cm 46 172
- 1046 spinosa blue-purple 10-20cm 165
- 1047 stygia blue 5-10cm 165
- 1048 trichosantha violet-blue 15-20cm 79 165
- 1049 valentina violet-blue 7-30cm 78 87 147  
(Gloxinia > see Seemannia)
- 1050 **Gomphocarpus** fruticosus white-cream to 150cm 26
- 1051 physocarpus (PI-tropical areas) white flr/lime-green seed pod 120-180cm 26
- 1052 **Gymnocalycium** amerhauseri creamy white-pale pink 2-6cm 107
- 1053 **Gypsophila** patrinii purple-red 25-60cm 1
- 1054 repens pale lilac-purple to 15cm 36
- 1055 repens 'Rosea' pink flr/grey-green lvs to 15cm 99
- 1056 **Habranthus** robustus pale pink 15-30cm 83 144 158
- 1057 tubispathus yellow-copper 10-20cm >
- 1058 tubispathus (texanus form) yellow-copper 20cm 79
- 1059 **Hakea** microcarpa whitish to 2m 149
- 1060 **Halesia** diptera Magniflora Group white 7-11m 101
- 1061 **Haloragis** erecta 'Wellington Bronze' bronze lvs 60-90cm 33
- 1062 **Hamamelis** intermedia (x) 'Aphrodite' orange-copper red to 3m 4  
(Haplopappus > see also Stenotus, Xanthisma)
- 1063 **Haplopappus** prunelloides yellow 3-10cm 6

## Hedysarum-Iris

(Hebe > see Veronica)

1064 **Hedysarum** pestalozzae purple 12-30cm 53

(Hegemone > see Trollius)

(Helenium > see also Hymenoxys)

1065 **Helenium** amarum yellow 10-100cm 15

1066 **Helianthemum** apenninum white flr/greyish lvs to 50cm 178

1067 nummularium compact form 165

1068 'Wisley Pink' soft pink flr/silver-grey lvs 15-30cm 125

1069 **Helianthus** maximiliani yellow 50-300cm 161

1070 microcephalus yellow 20-200cm 161

1071 **Helichrysum** arenarium yellow flr/grey woolly lvs 10-30cm 75

1072 aureum v scopulosum yellow flr/grey woolly lvs 5-30cm 165

1073 **Heliopsis** helianthoides v scabra 'Sunburst' golden yellow flr/  
cream-green variegated lvs to 90cm 26

1074 **Helleborus** 'Atrorubens' (hort) (moist packed) plum to 40cm 179

1075 foetidus yellow-green 30-80cm 43 183

1076 foetidus (moist packed) yellow-green 30-80cm 179

1077 foetidus Krenitsky Strain light green flr/dark green lvs 50-60cm 186

1078 foetidus 'Leather and Lace' light green flr/dark black-green lvs  
50-90cm 186

1079 foetidus 'Sienna' (moist packed) greenish white flr/dark  
greenish-black lvs 30-60cm 179

1080 foetidus Wester Flisk Group lime green flr/dark red stems/grey-  
green lvs to 80cm 169

1081 hybridus (x) (moist packed) apricot/dark pink edge to 45cm 35

1082 hybridus (x) (moist packed) dark slate-black to 45cm 179

1083 hybridus (x) (moist packed) deep pink/dark red eye to 45cm 179

1084 hybridus (x) (moist packed) double white/dark pink spots 45cm 35

1085 hybridus (x) (moist packed) light pink/green to 45cm 179

1086 hybridus (x) (moist packed) mixed doubles to 45cm 188

1087 hybridus (x) (moist packed) mixed yellows to 45cm 188

1088 hybridus (x) (moist packed) pale apricot/rose blush to 45cm 35

1089 hybridus (x) (moist packed) pink/dark veins to 45cm 179

1090 hybridus (x) (moist packed) pure pale pink to 45cm 179

1091 hybridus (x) (moist packed) pure white to 45cm 179

1092 hybridus (x) (moist packed) white/dark veins to 45cm 179

1093 hybridus (x) anemone-centered (moist packed) mix to 45cm 188

1094 hybridus (x) anemone-centered (moist packed) raspberry center/  
white/dark pink picotee 45cm 35

1095 hybridus (x) anemone-centered (moist packed) white center/  
white/dark pink spots 45cm 35

1096 hybridus (x) Ashwood Garden Hybrid (moist packed) blacks  
25-30cm 188

1097 hybridus (x) Ashwood Garden Hybrid (moist packed) frosted  
25-30cm 188

1098 hybridus (x) Ashwood Garden Hybrid (moist packed) veined  
picotee 25-30cm 188

1099 hybridus (x) 'Birkin's Double Pink' (moist packed) double pink  
to 45cm 179

1100 hybridus (x) 'Eco Black Lace' (moist packed) pink/dark veins  
to 45cm 179

1101 hybridus (x) 'Eco Dragon's Blood' (moist packed) pink/green  
w/dark spots to 45cm 179

1102 hybridus (x) 'Neon' Ashwood Evolution Group (moist packed)  
yellow-golden/deep red veins 25-30cm 188

1103 hybridus (x) 'Spring Promise Rachel' burgundy red/dark spotted  
to 45cm 169

1104 lividus pale green-pink flr/blue-green silver veined lvs to 45cm 186

1105 lividus ssp corsicus pale green-cream 45-90m 112

1106 niger white 15-30cm 11

1107 niger (moist packed) white 15-30cm 179

1108 niger Blackthorn Strain (moist packed) pink buds/white flr turns  
pink to 30cm 179

1109 **Helonias** bullata purplish pink 10-60cm 151

1110 **Heloniopsis** orientalis v breviscapa white 10cm 106

1111 **Helwingia** japonica black frt 1-2m 71

1112 **Hemerocallis** lilioasphodelus yellow 70-80cm 60

1113 **Hepatica** nobilis (moist packed) mix 10-15cm 70

1114 nobilis v japonica (moist packed) mix 10cm 70

1115 **Heracleum** maximum white 2m 54 61

1116 sphondylium 'Purpureum' red-purple 50-200cm 165

1117 **Herbertia** pulchella blue/violet 15-20cm 48

1118 **Hesperaloe** parviflora pink/yellow inside 150cm 136

1119 **Hesperantha** baurii bright pink to 20cm 58 73 149

1120 huttonii pink 20-45cm 60

1121 **Heterotheca** jonesii yellow 2-6cm 38 146

1122 jonesii (cushion form) yellow 7cm 159

1123 jonesii (mat form) yellow 2cm 159

1124 villosa yellow 16-40cm 55

1125 **Heuchera** abramsii red-purple 5-15cm 38

1126 **Heuchera** americana greenish white/pink/purple 40-145cm 23

1127 cylindrica cream white-green 9-55cm 122

1128 pulchella pink/white 7-15cm 138

1129 pulchella reddish rose/pink 7-15cm >

1130 richardsonii green/greenish-white 20-95cm 24

1131 rubescens pink 10-32cm 24

1132 **Hibiscus** coccineus bright red to 3m 168

1133 moscheutos pink to 2.5m 86

1134 **Hieracium** bombycinum yellow flr/woolly lvs 5-20cm 111

1135 longipilum yellow flr/hairy lvs-stem 30-75cm 117

1136 maculatum yellow flr/mottled lvs 10-50cm 133

1137 schmidtii yellow flr/hairy lvs 10-40cm 161

1138 sp clear yellow flr/silver lvs to 20cm 4

1139 tomentosum yellow flr/white woolly lvs 10-40cm 47 165 178

1140 villosum yellow flr/silver-grey woolly lvs 30-45cm 44 47 165

1141 **Hilaria** rigida 35-250cm 139

1142 **Hirpicium** armerioides white 5-30cm 165

1143 **Hormathophylla** spinosa white flr/grey-green lvs 15-30cm 99

1144 spinosa 'Roseum' rose-pink flr/grey lvs 15-30cm 68

1145 **Horminum** pyrenaicum violet-blue/dark purple 20-45cm 28 93

1146 **Hornungia** alpina white 5-10cm 146

1147 **Hosta** capitata 'Albiflora' white 25-70cm 154

1148 ventricosa violet-bluish purple 60-90cm 2

1149 venusta purple violet 8-24cm 119

1150 **Hovenia** dulcis white flr/edible frt to 25m 11

(Hutchinsia > see Hornungia)

1151 **Hunnemannia** fumarifolia yellow flr/grey-green lvs to 60cm 13

1152 **Hyacinthella** glabrescens deep blue-violet 5-25cm 14

1153 **Hydrangea** hirta light blue-white 90-120cm 188

1154 quercifolia white-pink 1-2m 110

1155 quercifolia 'Ruby Slipper' white flr turns ruby red 90-120cm 167

1156 sikokiana white to 3m 188

1157 **Hydrastis** canadensis (moist packed) white flr/red frt 15-50cm 179

1158 **Hymenoxys** hoopesii yellow-orange 30-100cm 122

1159 **Hypericum** ascyron (ex Quebec) yellow 80cm 151

1160 athoum pale yellow to 20cm 106

1161 cerastioides yellow 6-25cm 60

1162 cerastioides (ex Rhodope Mtns, Bulgaria) yellow prostrate 184

1163 inodorum (x) yellow flr/yellow lvs 1m 94

1164 olympicum yellow flr/grey-green lvs to 25cm >

1165 olympicum f uniflorum yellow 15cm 49

1166 orientale yellow 10-30cm 68

1167 przewalskii yellow 30-55cm 161

1168 sp (small lvs 2cm long, flowers 5cm) bright yellow flr/blue-green  
lvs 30cm 132

1169 **Hyssopus** seravschanicus blue-violet 40-50cm 165

1170 **Iberis** aurosica ssp nana white-lilac 5-15cm 96

1171 sempervirens white 15-30cm 40

1172 simplex white flr/violet bud 5-10cm 96 165

1173 **Ichtyoselmis** (Dicentra) macrantha ivory white/pale yellow  
60-150cm 60

1174 **Ilex** mucronata whitish-greenish yellow to 3m 183

1175 verticillata 'Red Sprite' white flr/red frt 90-150cm 167

1176 **Iliamna** remota pale rose-purple 1-2.5m 103

1177 **Illicium** 'Woodlander's Ruby' ruby-pink 180-240cm 102

1178 **Impatiens** bicolor pink/yellow 26-75cm 181

1179 namchabarwensis bright blue-deep purple 40-60cm 96

1180 **Incarvillea** delavayi rose-purple/pink 30-60cm 22

1181 diffusa pink/purple-red to 1.5m 139

1182 olgae pink-purple 100-150cm 94 143

1183 sp rose-purple 30cm 94

1184 **Indigofera** heterantha pink-light purple 1-2m 124

1185 pseudotinctoria 'Rose Carpet' rose pink 20-30cm 167

1186 **Inula** acaulis yellow 5-10cm 84

1187 anatolica (ex Bolkar Dag, Turkey) 186

1188 ensifolia yellow 25-40cm 45

1189 helenium yellow 50-150cm 169

1190 magnifica yellow to 1.8m 94

1191 **Ionactis** (Aster) linariifolia violet blue/white 10-50cm 38

1192 **Ipomoea** lobata red-orange-yellow to 5m 150

1193 **Ipomopsis** aggregata ssp aggregata orange red 72cm 9

1194 rubra scarlet red 60-180cm 126 168

1195 **Iris** bucharica white/yellow 20-40cm 189

1196 bulleyana pale lilac/blue violet 10-70cm 30

1197 Cal-Sib hybrid (Pacific Coast x Sibirica) (dwarf) white 20-30cm 101

1198 chrysographes nearly black/gold markings 60

1199 chrysographes (aff) white 60cm 56

1200 clarkei blue-violet 30-60cm 176

1201 cristata blue/lilac-purple 4-8cm 4

1202 cristata white 4-8cm 4

## Garden Collected



- 1203 **Iris** dichotoma purple 40-60cm 67  
1204 domestica orange 60-90cm 35 116  
1205 domestica orange-red-yellow/red spots 60-90cm 83 102 144  
1206 domestica purple/green 60cm 38  
1207 domestica 'Hello Yellow' yellow 25-60cm 35 83  
1208 ensata mix 25-100cm 101  
1209 foetidissima dull lilac-pale yellow flr/scarlet frt 30-60cm 56  
1210 fulva copper/reddish brown 30-90cm 81  
1211 graeberiana blue-purple 20-45cm 189  
1212 halophila v sogdiana violet/yellow 20-60cm 145 183  
1213 halophila v sogdiana (ex Ketman, Kazakhstan) pale blue 30-50cm 184  
1214 histrio 'Hatay' blue to 8cm 80  
1215 hookeri deep-pale blue/blue-violet 5-60cm >  
1216 humilis yellow 5-25cm 120  
1217 innominata yellow 25cm 60  
1218 kerneriana yellow to 30cm 145  
1219 lactea (ex Almaty, Kazakhstan)(hp) purple 70cm 67  
1220 latifolia deep blue to 60cm 189  
1221 latifolia purple-lilac to 60cm 60  
1222 magnifica pale lilac-white/yellow zone 30-60cm 80  
1223 magnifica white 30-60cm 58  
1224 magnifica 'Agalik' light blue-nearly white 40-60cm 112  
1225 magnifica 'Agalik' (hp) white 40cm 67  
1226 milesii purple 40cm 139  
1227 missouriensis blue-purple 25-60cm 118  
1228 norrisii (x) dark purple 60-90cm 26  
1229 norrisii (x) 'Dazzler' mix yellow/orange/pink/purple/red to 40cm 69  
1230 norrisii (x) 'Wine and Yellow Roses' golden yellow/maroon to 90cm 35  
1231 prismatica pale violet/blue 30-80cm 67 151  
1232 pumila ssp attica (ex Evia, Greece) purple 85  
1233 pumila ssp attica (ex Evia, Greece) yellow 85  
1234 reichenbachii yellow/dull purple/violet 10-30cm 145  
1235 sanguinea (hp) blue 40-70cm 67  
1236 sanguinea 'Nana Alba' white 10-20cm 94  
1237 setosa dark blue-violet/purple 15-90cm 93  
1238 setosa lavender-blue 15-30cm 69  
1239 setosa mix 15-90cm 101  
1240 sibirica violet/blue 50-120cm 111 161  
1241 sibirica 'Caesar's Brother' deep blue-purple 75-100cm 17  
1242 sintenisii blue-violet 20-35cm 159 185  
1243 sintenisii (ex Abant, Turkey) dark blue 20cm 184  
1244 speculatrix (hp-mixed clones) shades of lavender 45-65cm 67  
1245 spuria (short form) purple 30cm 60  
1246 taochia (ex Turkey) 189  
1247 tectorum bluish-violet 20-40cm 47  
1248 tectorum mix purple/white 20-40cm 39  
1249 tectorum white 20-40cm 34  
1250 tectorum 'Woolong' lavender-blue violet 25-50cm 116  
1251 typhifolia dark violet 50-90cm 47  
1252 unguicularis (hp) white 40cm 67  
1253 verna blue-violet 5-15cm 128  
1254 versicolor lavender 20-60cm 168  
1255 versicolor violet-blue/purple 20-60cm 60  
1256 xanthospuria (hp) deep yellow 100cm 67  
1257 **Isodon** effusus light blue-purple 70-100cm 35  
1258 **Ixia** viridiflora blue-green/turquoise 50-100cm 3  
1259 **Jamesia** americana white 50-200cm 52  
1260 **Jasione** laevis blue 20-30cm 176  
(Jeffersonia > see also Plagiorhegma)  
1261 **Jeffersonia** diphylla white 40cm 7 20  
1262 diphylla (moist packed) white 40cm 94 179  
1263 **Kalimeris** incisa pale blue 30-45cm 4 110  
1264 **Kalmia** latifolia pink-purple 2-8m 60  
1265 **Keckiella** corymbosa pink-red 30-60cm 28  
1266 **Kennedia** coccinea orange-red/pink to 3m 121  
1267 **Kniphofia** ensifolia red tinged buds/greenish-cream flr to 1.8m 65  
1268 hirsuta orange red/yellow 30-60cm 121  
1269 uvaria orange-greenish yellow 50-120cm 56  
1270 **Koelreuteria** paniculata 'Rose Lantern' yellow flr/coral seed pod to 10m 101  
1271 **Koenigia** forrestii white 5-20cm 112  
(Kolkwitzia > see Linnaea)  
1272 **Krigia** virginica yellow 4-30cm 55  
1273 **Lachenalia** longituba white 7cm 94  
1274 **Lallemantia** canescens dark violet blue-lavender 20-50cm 36 147 165  
1275 **Lathyrus** odoratus mix/fragrant 1-2m 134  
1276 vernus blue-purple 20-40cm 164  
1277 vernus mixed purple/pink/white 20-40cm 39  
1278 **Lathyrus** vernus reddish-purple 20-40cm 142 179  
1279 vernus 'Caeruleus' blue 20-40cm >  
1280 **Lavandula** angustifolia lavender-purple to 1m 22  
1281 angustifolia (dwarf) purple 30cm 21  
1282 **Leibnitzia** anandria white/pink 5-20cm 47  
1283 **Leontopodium** nivale white woolly flr & lvs 3-20cm 90 168  
1284 **Leopoldia** cycladica (JJA 689.210) brown-yellow/pale violet 30cm 12  
1285 weissii brown-yellowish/violet-purplish 8-30cm 60  
1286 **Lepechinia** fragrans white flr/furry grey-green lvs 60-180cm 140  
(Lequerella > see Physaria)  
1287 **Levisticum** officinale yellow/greenish-yellow 1.8-2.5m 11  
1288 **Lewisia** brachycalyx white/pinkish 3-8cm 68  
1289 cantelovii (as serrata) pale pink 10-20cm 68  
1290 columbiana white/pink-magenta 10-30cm 133  
1291 columbiana v rupicola (Saddle Mountain form) purple 68  
1292 cotyledon mix 10-30cm 133  
1293 cotyledon hybrid orange 10-15cm 68  
1294 cotyledon hybrids pink 10-15cm 85  
1295 cotyledon hybrids white 10-15cm 85  
1296 nevadensis white 5-12cm 68  
1297 pygmaea mix 3-9cm 68  
1298 tweedyi red/pink 10-20cm 68  
1299 tweedyi white 10-20cm 68  
1300 **Leycesteria** formosa white-pink/purple bract 1-5m 60  
1301 **Liatris** ligulistylis pinkish purple 20-100cm 4  
1302 microcephala lavender-purple 30-80cm 4  
1303 punctata lavender-purple 15-85cm 78  
1304 pycnostachya deep rose purple 60-120cm 4  
1305 spicata lavender-blue 40-110cm 144  
1306 **Libertia** sessiliflora pale blue to 60cm 65  
1307 **Ligusticum** scoticum green-white 15-60cm 165  
1308 **Lilium** apertum (ex Archibald 4.576.007) pink 65  
1309 brownii 'Quinling' 186  
1310 brownii v viridulum white 70-200cm 182  
1311 canadense orange to 1.8m 38 143  
1312 concolor 'Shikoku Yellow' yellow/red spots 30-60cm 186  
1313 formosanum v formosanum white/flushed purple reverse 20-55cm 44 78  
1314 grayi orange-red to 1.3m 151  
1315 henryi orange/dark spots 1-2m 69 81  
1316 henryi hybrid white/orange center 150cm 182  
1317 humboldtii orange-yellow/red spots to 3m 18  
1318 mackliniae x mackliniae NAPE 049 Saramati Form pink 45cm 143  
1319 maritimum red-orange 1.2-2.3m 65  
1320 martagon burgundy/wine red 1-2m 160  
1321 martagon mix 1-2m 181  
1322 martagon pink-purple/spotted 1-2m >  
1323 martagon white 1-2m >  
1324 martagon white/pink 1-2m 94  
1325 martagon yellow/pink/silver 1-2m 59  
1326 martagon 'Albiflorum' white/purple speckles-pink blush 90-150cm 74  
1327 martagon 'Gaybird' dark pink/heavily spotted/yellow center 100-150cm 74  
1328 martagon 'Orange Marmalade' bright orange 90-120cm 74  
1329 martagon 'Painted Ladies' mix 60cm 59  
1330 martagon 'Rose Arch Fox' rose pink/peach to 120cm 74  
1331 oxypetalum v insigne purplish pink 20-25cm 148  
1332 pardalinum ssp shastense orange-red to 2m 12  
1333 pomponium red 40-50cm 20  
1334 pumilum bright red 15-60cm 145 179  
1335 pyrenaicum yellow to 130cm 111  
1336 pyrenaicum yellow/orange/red to 130cm 85  
1337 regale white/yellow throat/purple flush reverse 120-150cm 11 18 143  
1338 superbium yellow-red orange/maroon spots to 2.8m 4  
1339 **Limnanthes** douglasii white/yellow center 3-35cm 109  
1340 **Limonium** minutum light violet 10-15cm 93 133  
1341 **Linaria** aeruginea mix 10-20cm 76 134  
1342 aeruginea yellow/purple-brown 10-20cm 29  
1343 alpina blue-purple/orange lip 5-20cm >  
1344 alpina mix 5-20cm 163  
1345 alpina white/yellow 5-20cm 163  
1346 purpurea 'Springside White' white 30-90cm 103  
1347 reticulata 'Spanish Dancer' crimson/yellow 25-45cm 120  
1348 **Linnaea** amabilis light pink to 3m 179 101  
1349 **Linum** arboreum yellow 30-50cm 55  
1350 austriacum blue to 60cm 1  
1351 lewisii blue 5-80cm 87 109 165  
1352 narbonense rich blue 40-45cm 165  
1353 **Lisianthus** nigrescens black flr to 180cm 174

## Loasa-Orostachys

- 1354 **Loasa** tricolor white/red-yellow center 90-100cm 29  
1355 **Lobelia** bridgesii pink 60-90cm 28  
1356 cardinalis red 60-120cm >  
1357 cardinalis white 60-120cm 104  
1358 siphilitica blue 60-90cm 77 160  
1359 siphilitica white 60-90cm 104 119  
1360 siphilitica 'Mistassinica' blue 10-25cm 44 100 134  
(Lobivia > see also Echinopsis, Rebutia)  
1361 **Lobivia** sp (as albiflora) (nv) white 85  
1362 **Lobularia** maritima white 5-30cm 29  
1363 **Lomatium** papilioniferum yellow 15-50cm 149  
1364 **Lomelosia** caucasica pale blue-lavender to 60cm 22  
1365 caucasica 'Fama Deep Blue' deep blue 45-60cm 28  
1366 crenata rosy-lilac 10-25cm 167  
1367 **Lophophora** williamsii pink/white to 6cm 85  
1368 **Lotus** corniculatus (PI) yellow 3-12cm 96  
1369 maritimus yellow flr/bluish-green lvs 10-30cm 117  
1370 **Lunaria** annua purple 60-90cm 21 167  
1371 annua 'Alba Variegata' white flr/variegated lvs 60-90cm 160  
1372 rediviva pale lilac-lavender 60-90cm 30  
1373 **Lupinus** arboreus yellow to 2m 120  
1374 densiflorus white-yellow/pink-lavender 10-80cm 32  
1375 perennis blue-purple to 60cm 142  
1376 polyphyllus blue/white 90cm 82  
1377 regalis 'Thomas Church' purple/yellow to 90cm 28  
1378 **Luzula** sylvatica 30-80cm 24  
(Lychnis > see also Silene)  
1379 **Lychnis** arkwrightii (x) scarlet-orange 30-40cm 111 165  
1380 arkwrightii (x) 'Vesuvius' orange-red flr/purple lvs to 45cm 120  
1381 **Lysimachia** ephemerum white flr/grey-green lvs to 1m 4  
(Machaeranthera > see Xanthisma)  
1382 **Magnolia** sieboldii white 5-10m 4 47 181  
1383 sieboldii 'Colossus' white/rose stamens 3-7.5m 101  
1384 tripetala creamy white to 15m 55  
1385 virginiana cream-white to 10m 89  
1386 **Maianthemum** (Smilacina) racemosum white flr/red frt 75-125cm 177  
1387 racemosum (moist packed) white 75-125cm 179  
1388 **Maihuenia** poeppigii pale yellow 10-15cm 88 117  
1389 **Malva** moschata white to 90cm 176  
1390 **Manfreda** maculosa pale yellow-white turn pink-rose flr/spotted lvs 36cm lvs/130cm flr 13  
1391 virginica yellow-green 8-40cm lvs/140cm flr 86  
1392 **Marrubium** supinum lavender-lilac flr/white woolly lvs 10-45cm 178  
1393 **Marshallia** caespitosa white-pale lavender 20-50cm 15  
1394 obovata white 10-60cm 28  
1395 **Massonia** echinata (pubescent form) white 5cm 3  
1396 jasminiflora (hp) 109  
1397 pustulata (hp) 109  
1398 **Mathiasella** bupleuroides green turns pinkish 90-150cm 109  
1399 **Maurandya** antirrhiniflora blue-violet/rose-pink 1-2m 32 109 158  
(Meconopsis > see also Papaver)  
1400 **Meconopsis** aculeata sky blue/blue-purple 30-60cm 112  
1401 baileyi blue to 1m 17 59 112  
1402 baileyi violet-purple to 1m 112  
1403 baileyi white to 1m 112  
1404 baileyi 'Hensol Violet' violet/mauve 80-120cm 74  
1405 betonicifolia blue 30-90cm 111  
1406 Fertile Blue Group blue 60-120cm 45  
1407 grandis 'Himal Sky' blue 30-40cm 112  
1408 'Lingholm' (Fertile Blue Group) sky blue 1-1.2m 112  
1409 zhongdianensis blue 50-70cm 112  
1410 **Melampodium** leucanthum cream-white 12-40cm 159  
(Melanthium > see Veratrum)  
1411 **Melasphaerula** ramosa cream-pale yellow 30-50cm 109  
1412 **Melianthus** major dark rusty-red flr/blue-green lvs to 2.5m 94  
1413 **Mentzelia** nuda white-pale cream to 1m 165  
(Merendera > see Colchicum)  
1414 **Mertensia** virginica (moist packed) blue flr/pink buds 45-60cm 39 179  
1415 **Merwillia** plumbea violet-blue 75-100cm 174  
1416 **Metasequoia** glyptostroboides to 50m 167  
1417 **Micranthes** (Saxifraga) pensylvanica white-cream/purple 25-125cm 15  
(Mimulus > see Erythranthe)  
(Mina soo > see Ipomoea)  
(Minuartia > Sabulina)  
1418 **Mirabilis** jalapa mix 60-90cm 11  
1419 jalapa 'Limelight' hot pink flr/chartreuse lvs 60-75cm 94 103  
1420 longiflora white 50-150cm 103  
1421 multiflora magenta 40-70cm 99 153  
1422 **Mitella** diphylla white 10-45cm 111  
1423 diphylla (cf) pink 30-40cm 38

## Garden Collected

- 1424 **Moltkia** petraea deep violet-blue 20-40cm 165  
1425 **Monarda** austroappalachiana white-creamy 30-50cm 168  
1426 bradburiana pinkish-white w/purple spots 30-60cm 15  
1427 fistulosa lavender-pink 50-120cm 44  
1428 luteola pale yellow 40-66cm 186  
1429 **Monardella** macrantha 'Marion Sampson' bright red 7-15cm 165  
1430 **Moraea** alticola pale yellow to 90cm 149  
1431 huttonii yellow to 1m 58  
1432 polystachya light blue-lavender 50-80cm 67  
1433 **Morina** longifolia white turns pink-deep red to 90cm 45 94 132  
1434 **Muhlenbergia** lindheimeri purplish-tinged 50-150cm 26  
(Muscari > see also Leopoldia, Pseudomuscari)  
1435 **Muscari** armeniacum pink 15-25cm 85  
1436 armeniacum 'Valerie Fennis' pale lavender-light blue to 20cm 179  
1437 'Blue Boy' blue 15-20cm 59  
1438 bourgaei deep violet-blue 5-10cm 165  
1439 latifolium dark purple/pale violet 15-30cm 20 179  
1440 macrocarpum (ex Roderick's Form) yellow 30cm 22  
1441 sp (dwarf, not weedy) 165  
1442 **Myosotis** alpestris blue 5-20cm 59 173  
1443 **Narcissus** assoanus yellow 7-25cm 182  
1444 asturiensis yellow 7-12cm 68  
1445 bujei (F&JK 1030 ex Sierra Magina, Spain) yellow 30cm 182  
1446 bulbocodium v citrinus pale yellow to 15cm 20  
1447 bulbocodium v graellsii white/pale yellow 5-10cm 68  
1448 confusus (JCA 699.991) yellow 25cm 182  
1449 flavus yellow 30cm 57  
1450 nevadensis pale-mid yellow 30cm 57  
1451 obesus 'Lee Martin' yellow 12cm 57  
1452 romieuxii ssp albidus v zaianicus white/pale yellow 7-23cm 57 58  
1453 rupicola yellow to 23cm 68 85  
(Nemopanthus > see Ilex)  
1454 **Nemophila** menziesii blue/white eye to 15cm 54  
1455 **Nicandra** physalodes (PI) blue-purple 40-150cm 111  
1456 **Nicotiana** alata white 90-150cm 29  
1457 attenuata white 50-150cm 120  
1458 langsdorffii chartreuse to 1.5m 120  
1459 **Nigella** damascena blue 20-50cm 165 167  
1460 damascena 'Persian Jewels' mix to 40cm 11  
1461 **Nolina** microcarpa white 30-150cm 124  
(Nomocharis > see Lilium)  
1462 **Nothofagus** alpina to 50m 181  
1463 **Notholirion** bulbuliferum pale purple/blue purple 60-150cm 108  
1464 thomsonianum pink/lavender white/pale-rose purple 40-100cm 186  
1465 **Oenothera** acaulis 'Aurea' yellow 5-10cm 60  
1466 argillicola yellow to 60cm 1  
1467 elata ssp hookeri yellow 40-180cm 54  
1468 gaura white-light pink to 180cm 161  
1469 glazioviana yellow fading red-orange 50-150cm 44  
1470 kunthiana pink 15-20cm 60  
1471 lindheimeri white 50-150cm 110  
1472 longituba yellowish green 50-100cm 60  
1473 macrocarpa yellow 15-30cm 44  
1474 macrocarpa ssp fremontii yellow flr/silvery-green lvs 15-20cm 165  
1475 macrocarpa ssp incana yellow flr/silver lvs to 20cm 44  
1476 nana yellow to 10cm 106  
1477 rosea pink/rose-purple 10-50cm 161  
1478 serrulata yellow-fades orange-pink to 46cm 165  
1479 sp biennial yellow flr/crenulated lvs 90cm 44  
1480 **Onosma** caerulescens white-pink flr/blue hairy lvs 10-25cm 165  
1481 cinerea (cf) pale yellow flr/grey hairy lvs to 40cm 179  
1482 echioides pale yellow 15-30cm 165  
1483 nana white-pale yellow age to blue/pink 10-20cm 24 165  
1484 **Opuntia** cyclodes (ex Big Bend, Texas) 165  
1485 fragilis (spineless) yellow 2-10cm 99  
1486 macrocentra yellow/red center flr/purple-tinged pads to 1m 165  
1487 phaeacantha yellow-red/pink 30-100cm 165  
1488 polyacantha (ex Washington) yellow flr/densely spined 7cm 152  
1489 polyacantha v erinacea yellow/magenta 10-25cm 165  
1490 **Orbexilum** pedunculatum v psoraloides 'Nash' lavender 45cm 186  
1491 **Origanum** 'Kent Beauty' rose-pink flr/silvery lvs to 25cm 120  
1492 rotundifolium lavender-pink/pale green bracts/pale grey lvs 10-20cm 94  
1493 **Ornithogalum** candicans white to 120cm 108 143  
1494 princeps pale green-cream 60-90cm 108  
1495 pyrenaicum pale greenish-yellow 30-60cm 14  
1496 regale pale green 90-120cm 108  
1497 saundersiae white/black ovary 30-100cm 83  
1498 viridiflorum pale yellow-green to 1m 49  
1499 **Orostachys** aggregata white-cream flr/grey-green lvs 10-15cm 39

**Orostachys-Penstemon**

- 1500 **Orostachys** iwarenge pink-white flr/lavender-grey lvs to 15cm 163  
1501 **Ostrya** virginiana to 18m 71  
1502 **Ourisia** macrophylla white 20-60cm 112  
1503 **Oxalis** magellanica white to 15cm 60  
1504 **Oxypetalum** coeruleum sky blue 15-100cm 29 109  
1505 **Packera** aurea yellow 30-60cm 105  
1506 **Paeonia** anomala pink to 1m 56 74  
1507 anomala rose-red to 1m 59 115  
1508 anomala ssp veitchii mix 30-90cm 181  
1509 anomala ssp veitchii pink 30-90cm 111  
1510 anomala ssp veitchii rose-red 30-90cm 85 149  
1511 arietina rose-red 30-70cm 189  
1512 cambessedesii rose-pink to 45cm 85  
1513 coriacea purplish-pink to 60cm 149  
1514 daurica ssp coriifolia red-rose 70-100cm 68 149  
1515 daurica ssp macrophylla lemon yellow 70-90cm 149  
1516 daurica ssp mlkosewitschii yellow 80-100cm 56 81  
1517 daurica ssp mlkosewitschii (JJA 747.109) pale yellow 60cm 9  
1518 daurica ssp mlkosewitschii (aff) dark red 80-100cm 149  
1519 daurica ssp mlkosewitschii hybrid 181  
1520 delavayi red 20-180cm 139  
1521 delavayi f lutea (compact form) yellow flr/green lvs 149  
1522 delavayi f lutea (compact form) yellow flr/red lvs 149  
1523 delavayi Potaninii Group orange 149  
1524 lactiflora white/pink to 70cm 109  
1525 lactiflora 'Krinkled White' white 60-90cm 59  
1526 lactiflora 'Sea Shell' pink 75-90cm 59  
1527 ludlowii yellow to 3.5m 45 94  
1528 mascula deep purplish-pink to 90cm 112  
1529 mascula ssp russoi white 75cm 81  
1530 obovata cream 30-70cm 4  
1531 obovata white 30-70cm 81 169  
1532 obovata ssp japonica white 30-70cm 72 95 164  
1533 obovata ssp willmottiae white 30-70cm 14 154  
1534 officinalis deep pink/deep red 60-70cm 65  
1535 officinalis ssp banatica red 30-60cm 1  
1536 officinalis ssp officinalis dark crimson 40cm 74  
1537 officinalis ssp officinalis pink 60cm 75  
1538 officinalis ssp officinalis red-pinkish 35-90cm 189  
1539 ostii white to 1.5m 4 186 188  
1540 peregrina brilliant red 30-70cm 9 65 177  
1541 rockii mix to 1.8m 115  
1542 rockii white/dark purple eye to 1.8m >  
1543 rockii hybrid pink 70-80cm 115  
1544 rockii ssp rockii (as ssp linyanshanii) white with flares 150cm 182  
1545 'Smouthii' (tenuifolia x lactiflora) dark crimson 30-45cm 74  
1546 suffruticosa (x) mix to 1.5m 4 179  
1547 tenuifolia deep crimson-red 30-60cm 189  
1548 **Papaver** alpinum (as rhaeticum) yellow to 20cm 78  
1549 atlanticum soft apricot orange to 45cm >  
1550 atlanticum 'Flore Pleno' semi-double orange 45-60cm 7 23  
1551 cambricum mix 40-60cm 24  
1552 cambricum orange 40-60cm 45 69  
1553 cambricum yellow 40-60cm >  
1554 cambricum 'Frances Perry' scarlet/red 40-60cm 24  
1555 dahlianum white 10-25cm 148  
1556 degenii yellow 5-15cm 36 59  
1557 dubium reddish/pale scarlet 30-60cm 165  
1558 nudicaule light orange 10-40cm 119  
1559 nudicaule mix 10-40cm 173  
1560 orientale mix 30-90cm 173  
1561 orientale orange single 30-90cm 59  
1562 orientale red 30-90cm 148  
1563 orientale 'Prinzessin Victoria Louise' salmon-pink/black center 60-90cm 59  
1564 radicatum ssp kluanensis yellow to 17cm 123  
1565 rhoeas deep red 60  
1566 rhoeas 'Reds and Greys' red/grey flr 50cm 150  
1567 rupifragum brick-red to 50cm 165  
1568 rupifragum orange-apricot 30-50cm 29  
1569 somniferum coral to 120cm 110  
1570 somniferum dark maroon-black single to 120cm 28  
1571 somniferum lavender/dark spots to 120cm 26  
1572 somniferum mix to 120cm 23  
1573 somniferum red mix single/double to 120cm 26  
1574 somniferum 'Black Swan' double fringed burgundy-black to 120cm 142  
1575 somniferum 'Cherry Glow' cherry red to 120cm 103  
1576 somniferum 'Lauren's Grape' deep red-purple to 120cm 82 122 179  
1577 somniferum 'Orange Chiffon' orange to 120cm 174  
1578 **Papaver** sp orange/purple spots 30cm 69  
1579 triniifolium pale red-scarlet flr/grey-green lvs to 45cm 159  
1580 **Paradisea** liliastrum white 30-90cm 65  
1581 lusitanica white 80-120cm 60 108  
(Parahebe > see Veronica)  
(Pardancanda & Pardanthopsis > see Iris)  
1582 **Paris** polyphylla yellow-green 10-100cm 60  
1583 quadrifolia yellow-green flr/blue-black frt 25-40cm 112  
1584 **Parnassia** asarifolia white/green veins 18-50cm 151  
1585 cabulica white 11-16cm 112  
1586 glauca white/green veins 10-60cm 151  
1587 grandifolia white 12-70cm 151  
1588 palustris white 8-35cm 112  
1589 **Parodia** mammulosa (ex ISI 2013-6) yellow 6-10cm 107  
1590 **Pedicularis** groenlandica pink-purple 10-60cm 138  
1591 **Pediocactus** despainii yellow-peach bronze to 6cm 165  
1592 knowltonii coral 2cm 130  
1593 **Pelargonium** endlicherianum deep pink-maroon veins 20-35cm 137 143 165  
1594 quercetorum hot pink 60cm 130  
1595 **Peltoboykinia** watanabei cream-yellow 45-85cm 47  
1596 **Penstemon** albidus white/pink-lavender tinge 15-50cm 82  
1597 barbatus red/orangish red 30-100cm 87 99 122  
1598 barrettiae lilac-purple 13-40cm 138 153  
1599 breviculus dark blue-violet/purple 8-20cm 78  
1600 caespitosus blue-purplish lavender 2-8cm 179  
1601 calycosus pink/rose/rosy-purple 60-90cm 24  
1602 cardinalis red-crimson 32-100cm 122 124 126  
1603 cardwellii bright purple/blue-violet 10-30cm 140  
1604 cardwellii hybrids mix 68  
1605 cobaea purple 25-65cm 47  
1606 'Dark Towers' pale pink flr/dark bronze-red lvs 45-90cm 177  
1607 davidsonii blue-lavender/violet/purple 4-17cm 124  
1608 davidsonii lavender pink 25cm 103  
1609 davidsonii white 10-15cm 80  
1610 davidsonii v praeteritus bluish lavender-violet 4-10cm 138  
1611 debilis white-lavender 4-9cm 138  
1612 digitalis white 25-90cm 105  
1613 eatonii red-scarlet 40-100cm 154  
1614 fruticosus bluish lavender-purplish violet 15-40cm 165  
1615 fruticosus hybrids mix 68  
1616 fruticosus v scouleri white 15-40cm 28  
1617 globosus blue-purple/violet 20-65cm 153  
1618 gormanii lavender-purple/bluish violet 10-30cm 131  
1619 grandiflorus cerise 45cm 124  
1620 grandiflorus light lavender 50cm 141  
1621 grandiflorus (ex Isanti Co MN) pink/mauve to 90cm 47  
1622 hallii blue-violet/purple 7-25cm 131 138  
1623 heterophyllus blue-violet/purple 30-150cm 22 54  
1624 hirsutus lavender-violet/white 20-60cm 44 165  
1625 hirsutus white 30cm 10  
1626 hirsutus 'Pygmaeus' lavender/white 15cm >  
1627 hirsutus 'Pygmaeus' light pink 15cm 172  
1628 hirsutus 'Pygmaeus' mauve 15cm 31  
1629 hirsutus 'Pygmaeus' white 15cm 39 131  
1630 'Juan Jose' light purple 75-100cm 94  
1631 kunthii red 90-120cm 56  
1632 linarioides blue/lavender 8-50cm 99  
1633 lyallii pale lavender 30-80cm 140  
1634 mensarum dark purple-blue 40-50cm 52 78 130  
1635 murrayanus red 50-150cm 126  
1636 nitidus bright blue-pinkish flr/blue-grey lvs 5-40cm 178  
1637 ovatus blue-lavender 76cm 132  
1638 ovatus violet-blue/purple 30-100cm 140  
1639 palmeri pale pink-white/pinkish lavender 43-140cm 34 124 152  
1640 pinifolius orange 10-50cm 45 99  
1641 pinifolius red 15cm 76  
1642 pinifolius scarlet 10-50cm 94  
1643 procerus v formosus violet-blue/purple 3-15cm 165  
1644 procerus v tolmiei deep purple-blue 5-15cm 172  
1645 pseudospectabilis rose pink 30-100cm 99  
1646 'Red Rocks' bright rose-red to 45cm 94  
1647 rupicola red 3-16cm 140  
1648 rupicola hybrids mix 68  
1649 secundiflorus mix 15-50cm 80  
1650 secundiflorus pink 20-45cm 141  
1651 serrulatus blue-violet/purple 13-80cm 60 131 153  
1652 'Six Hills' lilac-purple to 20cm 56  
1653 smallii lavender-violet/purple 35-80cm 119  
1654 smallii white 50cm 9

## Penstemon-Pseudofumaria

- 1655 **Penstemon** sp (prostrate, sprawling) blue/white 15cm 118  
1656 strictus purple-violet/blue 35-70cm 138  
1657 superbus hot pink 80cm 130  
1658 uintahensis sky blue/blue-violet 5-15cm 153  
1659 venustus lavender-purple/violet 18-80cm 141  
1660 virens deep blue-violet 10-40cm 52 138 178  
1661 virgatus v asa-grayi violet-pink lavender/purple 20-65cm 141  
1662 whippleanus dark wine purple 20-65cm 106  
1663 wrightii red-pink 40-70cm 117  
(Persicaria > see also Bistorta)  
1664 **Persicaria** virginiana 'Painter's Palette' red flr/green-white-red lvs 45-60cm 71 116  
1665 **Petrophytum** caespitosum white to 10cm 149 165  
1666 **Petrorhagia** saxifraga pink 5-40cm 120  
1667 saxifraga white-pink 5-40cm 73  
1668 **Petunia** exserta bright red 30-60cm 29 87 60  
1669 patagonica cream-white/dark purple veins 15cm 165  
1670 **Phacelia** bolanderi lavender-bluish 15-20cm 94 98  
1671 sericea dark blue-purple flr/silvery silky lvs 10-60cm 138  
1672 tanacetifolia blue-lavender 15-100cm 110  
1673 **Phalocallis** coelestis blue-lavender 30-90cm >  
1674 **Pheidimus** (Sedum) spurium white/pink/crimson to 10cm 163  
1675 **Phemeranthus** calcaricus rose-purple to 25cm 44  
1676 calycinus pink/red-purple 25-40cm >  
1677 mengesii pink-rose purple 40cm 53  
1678 parviflorus light pink-purple to 20cm 53  
1679 teretifolius rose-purple 50cm 10  
1680 **Phleum** sp (ex Kazakhstan) green flr/blue-green lvs 45-60cm 155  
(Phlomis > see also Phlomoides)  
1681 **Phlomis** cashmeriana rose-pale purple flr/woolly lvs 40-80cm 42 165  
1682 fruticosa deep yellow flr/grey-green felty lvs to 1cm 186  
1683 russeliana soft yellow flr/grey-green lvs to 100cm 1  
1684 sp pink 120cm 10  
1685 sp (ex Goreme, Turkey) yellow 20cm 88  
1686 **Phlomoides** oreophila (ex Altai) 165  
1687 tuberosa purple-pink 40-150cm 1 26 111  
1688 **Phlox** subulata 'Schneewittchen' white 10-15cm 52  
1689 **Phuopsis** stylosa pink 15-20cm 87  
1690 **Physaria** arizonica yellowish flr/grey-green lvs 2-10cm 88 99  
1691 bellii yellow flr/silvery hairy lvs 5-13cm 52  
1692 ovalifolia yellow 5-25cm 88 99 165  
1693 reediana pale green-yellow 2-4cm 38  
1694 sp yellow flr/green lvs 25cm 101  
1695 **Physochlaina** orientalis violet 40-60cm 111  
1696 **Physostegia** virginiana pink-lavender 90-120cm 111  
1697 **Phyteuma** charmelii blue-violet 10-20cm 171  
1698 hemisphaericum deep blue 3-30cm 59 89 90  
1699 persicifolia violet blue 30-90cm 183  
1700 scheuchzeri deep blue to 40cm >  
1701 sieberi (cf) 165  
1702 spicatum yellowish-white 30-80cm 106  
1703 **Pinellia** pedatisecta yellowish-green to 45cm 182  
1704 **Pinguicula** grandiflora (ex San Glorio Pass, Picos de Europa) 85  
1705 **Pinus** bungeana to 30m 10  
1706 **Pityopsis** falcata yellow 20-30cm 110  
1707 **Plagiorhagma** dubium (moist packed) pale lilac-blue 10-30cm 4 179  
1708 **Plantago** major 'Rubrifolia' dark maroon lvs 15-30cm 26  
1709 **Platycodon** grandiflorus blue/purple 30-90cm 167  
1710 grandiflorus light pink/rose veins 20-90cm 94  
1711 grandiflorus (dwarf form) blue 10-30cm 165  
1712 grandiflorus (dwarf form) mix 10-30cm 78  
1713 grandiflorus (dwarf form) pink 10-30cm 165  
1714 grandiflorus (dwarf form) white 10-30cm 165  
1715 grandiflorus 'Astra White' white 15-30cm 22  
1716 grandiflorus 'Sentimental Blue' blue 15-30cm 89 90  
1717 **Plocama** calabrica pink 5-10cm 78  
1718 **Podophyllum** hexandrum pale pink flr/mottled lvs 15-60cm 136  
1719 hexandrum pink 15-60cm 4  
1720 hexandrum (moist packed) white 15-60cm 47  
1721 **Polanisia** dodecandra white 10-60cm 43  
1722 **Polemonium** boreale blue-purple flr/hairy lvs 10-20cm 84  
1723 boreale 'Heavenly Habit' violet-blue 25-30cm 95  
1724 brandegeei pale yellow 10-30cm 99  
1725 caeruleum white 45-60cm 94  
1726 foliosissimum bluish-violet/white/light yellow to 1m 44  
1727 occidentale blue/purple 20-100cm 152  
1728 pauciflorum soft yellow/red tinge 30-45cm 37 94  
1729 pauciflorum (compact habit) dark yellow/maroon markings 20cm 94  
1730 pulcherrimum v pulcherrimum blue 5-35cm 78  
1731 **Polemonium** reptans blue-violet to 50cm 165  
1732 viscosum blue-purple 10-30cm 138  
1733 **Pollia** japonica white flr/dark blue frt 30-90m 71  
1734 **Polygonatum** odoratum 'Ruby Slippers' white flr/red stems 50cm 95  
(Polyxena > see Lachenalia)  
1735 **Pontechium** maculatum (compact form) red 30cm 87  
(Potentilla > see also Drymocallis, Sibbaldia)  
1736 **Potentilla** ancistrifolia v dickinsii yellow to 5cm 106  
1737 atrosanguinea red 30-50cm 131  
1738 aurea bright yellow 10-20cm 60  
1739 crantzii yellow 15-25cm 133 165 179  
1740 diversifolia yellow 10-40cm 120  
1741 hyparctica yellow 2-20cm 68  
1742 megalantha yellow 10-20cm 44  
1743 nana pale yellow 1-5cm 44  
1744 nepalensis 'Miss Willmott' cherry-pink 30-45cm 111  
1745 nivea yellow flr/woolly lvs 5-25cm 44  
1746 porphyrantha pink flr/silver felted lvs 5-15m 4 44 133  
1747 pyrenaica yellow 20-40cm 30  
1748 sp F&JK1098 (ex Albania, Serpentine NE Pass) yellow to 25cm 44  
1749 **Primula** alpicola mix 15-60cm 112  
1750 atrodentata mauve/pale blue-violet 1-15cm 93  
1751 aurantiaca dark reddish orange 5-30cm 112  
1752 auricula (hort) mixed to 20cm 65 111  
1753 bulleesiana (x) mix 45-60cm 94  
1754 bulleyana deep orange 20-70cm 112  
1755 candelabra hybrids red 50-75cm 167  
1756 chungensis pale orange 15-80cm 112  
1757 Cowichan Amethyst Group amethyst 15-30cm 128  
1758 elatior light yellow to 30cm 42 68 111  
1759 firmipes yellow 10-40cm 68  
1760 florindae red 30-120cm 112  
1761 florindae yellow 30-120cm 60 112 149  
1762 grandis pale yellow to 70cm 112  
1763 halleri lilac-violet 8-30cm 59  
1764 heucherifolia mauve-purple 15-30cm 112  
1765 hirsuta pink-purple 3-10cm 189  
1766 japonica dark rose-pink 45-60cm 68  
1767 japonica mix 45-60cm 100  
1768 japonica pink 45-60cm 68  
1769 japonica pink shades 45-60cm 12  
1770 japonica red 45-60cm 56  
1771 japonica striped 45-60cm 68  
1772 japonica 'Miller's Crimson' crimson red 45-60cm 94  
1773 japonica 'Postford White' white 45-60cm 112  
1774 matthioli pink 20-25cm 111 128  
1775 matthioli pink-purple 20-25cm 59 74  
1776 matthioli white 20-25cm 74 128  
1777 meyeri blue-purple/violet 5-20cm 128  
1778 obconica ssp werringtonensis bright pink 5-20cm 112  
1779 parryi magenta-pink 15-50cm 138  
1780 pedemontana purplish pink/white 5-15cm 138  
1781 prolifera bright golden-yellow to 90cm 85 112  
1782 pulverulenta deep red-magenta 25-100cm 60  
1783 pulverulenta rose-purple 25-100cm 112  
1784 scandinavica purple-mauve 4-10cm 59  
1785 scotica violet/red-purple to 10cm 37 74  
1786 secundiflora rose-purple/deep rose 10-60cm 112  
1787 sieboldii mix 12-25cm 128  
1788 sieboldii pink/2 tone 12-25cm 164  
1789 sieboldii 'Rock Candy' hot pink 15cm 7  
1790 sikkimensis yellow/cream 15-90cm 138  
1791 sikkimensis (dwarf form as v pudibunda) pale yellow to 50cm 112  
1792 veris orange shades 165  
1793 veris red 8-30cm 135  
1794 veris red/orange 8-30cm 128  
1795 veris yellow 8-30cm >  
1796 veris 'Sunset Shades' mix yellow/orange/red 15-25cm 12 80  
1797 vialii rose red/violet-purple 20-45cm 56  
1798 watsonii deep indigo-purple 9-25cm 112  
1799 wilsonii rose-purple 30-50cm 112  
1800 wulfeniana deep pink 7cm 59  
1801 **Primulina** tamiana white/purple-lavender 10cm 69  
(Pritzelago > see Hornungia)  
1802 **Prospero** autumnale lilac/pink/bluish purple to 15cm 169  
1803 **Prunella** grandiflora deep violet to 30cm 64  
1804 **Psephellus** (Centaurea) bellus pink flr/silver-grey lvs 25-40cm 165  
1805 dealbatus pink 45-60cm 165  
1806 **Pseudofumaria** (Corydalis) alba ssp acaulis white-cream/yellow lip to 40cm 179

## Garden Collected

**Pseudofumaria-Schlumbergera**

- 1807 **Pseudofumaria** lutea yellow 40cm 142 35  
(Pseudolysimachia . See Veronica)
- 1808 **Pseudomuscari** azureum blue 4-15cm 60
- 1809 forniculatum bright blue 12-30cm 145
- 1810 **Pterocephalus** depressus pink-mauve 5-10cm 90 165
- 1811 perennis pink-purple flr/grey-green lvs to 12cm 76
- 1812 pinardii pink 4cm 69 88 187  
(Ptilotrichum > see Hormathophylla)
- 1813 **Pulsatilla** albana yellow 10-30cm 147
- 1814 alpina ssp apiifolia yellow 10-50cm 148
- 1815 ambigua dark violet 16-22cm 20 30 47
- 1816 bungeana bluish-violet 5-15cm 55
- 1817 bungeana (cf) yellow 137
- 1818 campanella blue-violet 14-20cm 183
- 1819 chinensis violet 15-35cm 146
- 1820 dahurica pale lilac-pale bluish violet 25-40cm 70
- 1821 grandis maroon-wine red 5-30cm 70
- 1822 grandis mix 5-30cm 85
- 1823 grandis pink 5-30cm 182
- 1824 grandis violet-purple 5-30cm 70 85 182
- 1825 grandis 'Papageno' mix fringed 15-30cm 85
- 1826 halleri red 5-25cm 70
- 1827 halleri violet-lavender 5-25cm 59
- 1828 halleri ssp styriaca rose-purple 5-20cm 147
- 1829 halleri ssp styriaca 'Pink Dream' pearly pink 15-20cm 182
- 1830 hybrids red 68
- 1831 montana dark blue-violet 10-30cm 108 182
- 1832 nigricans dark purple-black 15-30cm 20
- 1833 patens light purple-lilac 5-40cm 119
- 1834 pratensis ssp bohémica dark purple-black to 15cm 68 129
- 1835 rubra dark red 25cm 93 147
- 1836 sp dark blue 36-40cm 50
- 1837 sp (ex Mongolia) blue 15-20cm 148
- 1838 tatewakii bright violet 15-25cm 148
- 1839 turczaninovi blue-violet 15-25cm 97
- 1840 vernalis white/blue or pink reverse 5-15cm 20
- 1841 vulgaris blue 15-40cm 148
- 1842 vulgaris dark red 15-40cm 84
- 1843 vulgaris purple 15-40cm 163 177 179
- 1844 vulgaris white 15-40cm 68 179
- 1845 vulgaris (fringed) mix 15-40cm 59
- 1846 vulgaris 'Rode Klokke' red 25cm 85 95  
(Putoria > see Plocama)
- 1847 **Pyrgophyllum** yunnanense pale yellow 25-55cm 181  
(Rabdosa > see Isodon)
- 1848 **Rabiea** albipuncta yellow 5cm 143 165
- 1849 **Ramonda** myconi deep violet 6-12cm 56 85 112
- 1850 serbica lilac to 8cm 85
- 1851 **Ranunculus** gramineus yellow 30-45cm 66 136 187
- 1852 parnassifolius white/flushed pink 2-20cm 74
- 1853 platanifolius white 30-100cm 187
- 1854 **Raoulia** australis yellow flr/silver lvs 1cm 93
- 1855 **Ratibida** columnifera maroon-red to 1m 165
- 1856 **Rheum** sp (ex Chris Chadwell) red/pink 125-140cm 45
- 1857 **Rhexia** mariana pink-lavender/white to 75cm 38
- 1858 virginica rose-lavender 20-60cm 69
- 1859 **Rhodochiton** atrosanguineus pink/purple-black to 3m 120
- 1860 **Rhododendron** kiusianum rose-purple 45-60cm 179
- 1861 **Rhodotypos** scandens white flr/jet-black frt to 2m 71
- 1862 **Rhus** potaninii creamy white flr/red frt 5-8m 182
- 1863 **Rohdea** japonica (moist packed) pale yellow flr/red frt 30-50cm 188
- 1864 **Romulea** bulbocodium violet-lilac/yellow/white 10-15cm 57
- 1865 linaresii violet-purple 5-15cm 13
- 1866 ramiflora mauve to 15cm 58
- 1867 tetragona rose-lilac 8-30cm 20
- 1868 **Rosa** carolina pink 30-130cm 144
- 1869 **Roscoea** purpurea purple/lilac 12-55cm 94
- 1870 scillifolia dark purple-black 10-25cm 85
- 1871 tibetica white 7-18cm 68
- 1872 **Rudbeckia** fulgida v sullivantii 'Goldsturm' yellow 60-90cm 167
- 1873 **Ruellia** 'Black Beauty' pale lilac flr/black lvs to 25cm 186
- 1874 humilis lavender-lilac 30-60cm 167
- 1875 occidentalis blue 30-45cm 13
- 1876 **Ruschia** hamata pink to 20cm 88
- 1877 pulvinaris hot pink 7cm 165
- 1878 **Ruta** graveolens 'Variegata' yellow flr/variegated lvs to 60cm 26
- 1879 **Sabulina** rubella white 2-8cm 1
- 1880 **Salpingostylis** coelestina blue-violet 15-30cm 83
- 1881 **Salvia** apiana white-pale lavender flr/silver-white lvs to 1.5m 11
- 1882 argentea white flr/silver-grey woolly lvs 30-60cm 99 133
- 1883 **Salvia** azurea blue 90-150cm 80
- 1884 caespitosa lilac-pink/violet/white 5-15cm 165
- 1885 canescens v daghestanica purple flr/silver-white woolly lvs 10-30cm 78 165
- 1886 chrysophylla lilac/yellow lip 20-60cm 165
- 1887 coccinea 'Lady in Red' red to 60cm 167
- 1888 cyanescens violet-blue flr/velvety grey-green lvs 30-90cm 63 165
- 1889 darcy coral-red to 1m 165
- 1890 deserta (cf) (or hybrid of) blue 80cm 63
- 1891 dorrii blue-purple flr/grey-green lvs 10-70cm 80 133 165
- 1892 forsskaolei violet blue/white streak 60cm 94
- 1893 glutinosa pale yellow/maroon speckled 40-60cm 105
- 1894 jurisicii violet-lavender to 30cm 99 165 171
- 1895 lyrata lavender blue 30-60cm 15
- 1896 lyrata purple lvs 45-55cm 4
- 1897 'Madeline' deep violet-blue/white lip 50-80cm 49
- 1898 miltiorrhiza purple-blue/white 40-80cm 11
- 1899 moorcroftiana white flr/silver lvs 40cm 63
- 1900 patens blue 30-60cm 111 150
- 1901 patens 'Blue Angel' cobalt blue 45-60cm 167
- 1902 pentstemonoides (ex Native American Seed) cherry-red 90-150cm 186
- 1903 phlomoides violet-white flr/white woolly lvs to 45cm 147
- 1904 phlomoides (ex Tislit, Morocco) purple-blue 20-40cm 124
- 1905 pisidica violet blue 15-35cm 165
- 1906 recognita pale pink flr/grey hairy lvs 60-90cm 165
- 1907 reptans dark blue to 90cm 4
- 1908 sclarea pale mauve-lilac/white-pink 90-120cm 11 109 149
- 1909 sclarea v turkestanica (hort) white/pink tinged to 1m 165
- 1910 'Shangri-la' (moorcroftiana x indica) lavender-blue flr/blue-grey lvs 60-90cm 165
- 1911 staminea off-white/cream to 75cm 165
- 1912 summa pink/pale lavender to 30cm 63
- 1913 tomentosa lilac-purple/white to 100cm 63
- 1914 transsylvanica lavender blue 60-90cm 88 165
- 1915 verticillata mostly white 60cm 63
- 1916 viscosa burgundy red 60cm 63
- 1917 **Sanguinaria** canadensis (moist packed) white to 40cm 179
- 1918 **Sanguisorba** canadensis white 90-200cm 4
- 1919 minor greenish-reddish purple 40-75cm 111
- 1920 officinalis 'Little Angel' red-purple flr/variegated lvs 10-18cm 134
- 1921 **Saponaria** caespitosa purplish-pink 5-15cm 36 100 147
- 1922 cypria pink to 15cm 44 76 125
- 1923 ocymoides pink 5-25cm 129
- 1924 ocymoides 'Rubra Compacta' deep red-pink to 15cm 176
- 1925 officinalis (Pl) pink-white 30-90cm 111
- 1926 pumilio pink-purple 1-5cm 99 147
- 1927 **Saruma** henryi soft yellow 45-60cm 183
- 1928 henryi (moist packed) soft yellow 40-60cm 179
- 1929 **Satureja** spicigera white 5-10cm 13
- 1930 subspicata purple-violet 15cm 178  
(Saxifraga > see also Micranthes)
- 1931 **Saxifraga** callosa white 40cm 165
- 1932 caespitosa (ex Iceland) white 5cm 59
- 1933 cotyledon white 30-60cm 147
- 1934 cotyledon hybrids 68
- 1935 crustata off-white/cream to 30cm 146
- 1936 hirsuta white 20-30cm 106
- 1937 hostii white 20-60cm 165
- 1938 'Millstream' pink-red to 20cm 165
- 1939 oppositifolia pink-purple 2cm 60 120
- 1940 oppositifolia (ex White Cloud Mtns, Montana) 68
- 1941 paniculata white-cream to 30cm 131
- 1942 paniculata (dwarf form) true from seed 60
- 1943 paniculata 'Minutifolia' white 5cm 30
- 1944 paniculata 'Rex' cream-white flr/red stems 20-25cm 165
- 1945 sempervivum dark red-purple to 20cm 68
- 1946 sp encrusted white 2cm 4
- 1947 stolonifera white flr/silver-veined lvs 8-45cm 4
- 1948 stribnyi purplish-pink flr/reddish stems 6-10cm 68
- 1949 tricuspidata white-cream 4-10cm 120  
(Scabiosa > see also Lomelosia)
- 1950 **Scabiosa** graminifolia lilac-pink 20-30cm 165
- 1951 japonica (dwarf) purple 15cm 131
- 1952 japonica 'Pink Diamonds' pink 20-25cm 76
- 1953 japonica 'Ritz Blue' blue-lilac 10-20cm 42 76 90
- 1954 lucida lilac-blue/pink 15-30cm 106
- 1955 ochroleuca cream-yellow 60-90cm 42
- 1956 **Schlumbergera** gaertneri scarlet 30-40cm 150  
(Scilla > see also Barnardia, Prospero, Merwillia)

## Scilla-Thalictrum

- 1957 **Scilla** amoena blue 10-30cm 185  
1958 litardierei blue-violet 15-20cm 58 112  
1959 peruviana violet-blue 15-40cm 58 170  
1960 sardensis rich blue 7-20cm 94  
1961 **Sclerocactus** scheeri (KSM711) cream 5-7cm 16  
1962 **Scorpiurus** muricatus yellow 15-30cm 120  
1963 **Scrophularia** californica red/maroon-brown 80-120cm 140  
1964 lanceolata brown-red/green 80-150cm 111  
1965 **Scutellaria** alpina blue-violet/purple-white 10-30cm 44 66 165  
1966 alpina white 10-30cm 78  
1967 altissima blue-purple/white 30-60cm 63  
1968 baicalensis red-purple/blue-purple 30cm >  
1969 diffusa pale pink/coral-pink 5-8cm 53  
1970 incana blue-purple 60-90cm 4 161  
1971 oreophila pale yellow 12-20cm 68  
1972 orientalis ssp pinnatifida yellow flr/grey lvs 5-15cm 96 165  
1973 parvula v leonardii blue-violet 7-20cm 10 15  
1974 pontica reddish-purple/magenta to 15cm 28  
1975 przewalskii yellow/purple 6-22cm 165  
1976 resinosa 'Smoky Hills' blue-purple flr/grey-green lvs 15-30cm 165  
1977 salviifolia yellow flr/grey lvs 5-15cm 149  
1978 sapphirina blue 5cm 52  
1979 scordiifolia purple-blue 20-30cm 38  
1980 suffrutescens bright rose-pink 10-20cm 28 132  
1981 suffrutescens 'Texas Rose' rose-red 10-20cm 94  
(Sedum > see also Phedimus)  
1982 **Sedum** cepaea white to 30cm 165  
1983 nevii white 6-9cm 165  
1984 pilosum bright pink to 10cm 93  
1985 rupestre 'Angelina' yellow flr/golden lvs turn copper-orange 10-15cm 179  
1986 sedoides white 8-12cm 165  
1987 sichotense yellow flr/red lvs in autumn 5-10cm 165  
1988 **Seemannia** nematanthodes 'Evita' red-orange 15-30cm 35 174  
1989 **Sempervivum** hybrids/cultivars mixed 179  
(Senecio > see also Curio, Jacobaea, Packera))  
1990 **Senecio** flaccidus v flaccidus yellow flr/grey-green woolly lvs 40-120cm 165  
1991 macrocephalus pink-purple to 40cm 165  
1992 **Senna** hebecarpa yellow 50-200cm 182  
1993 marilandica yellow 90-180cm 167  
1994 **Seseli** gummiferum white-pink tinged flr/grey lvs to 90cm 165  
1995 libanotis white-reddish flr/bluish-green lvs 40-90cm 186  
1996 **Shortia** galacifolia white-rose purple 10-18cm 4  
1997 **Sidalcea** malviflora light pink-lavender/dark rose-purple 20-110cm 165  
1998 **Sideritis** cypria yellow flr/grey woolly lvs to 60cm 54  
1999 sp (dwarf form) 165  
2000 **Silene** alpestris white 12-20cm 36 52 135  
2001 argaea pink to 5cm 78  
2002 armeria pink 20-40cm 163 165  
2003 atropurpurea bright rosy-pink 30-60cm 29  
2004 chalcedonica scarlet 35-100cm 60 122  
2005 chalcedonica white 50-100cm 21 160  
2006 chalcedonica 'Dusky Salmon' salmon 35-100cm 142  
2007 chalcedonica 'Lipstick' bright red-orange flr/bronze lvs 45-60cm 142  
2008 coronaria magenta-pink flr/grey felted lvs 40-100cm 142 35 165  
2009 dioica bright pink 30-60cm 111  
2010 dioica 'Rollie's Favorite' rich pink to 45cm 142  
2011 flos-cuculi (dwarf congested form) rose-pink to 10cm 103  
2012 flos-cuculi (dwarf form) pink/white mix to 10cm 171  
2013 flos-jovis candy pink 30-45cm 60  
2014 flos-jovis mix 30-45cm 153  
2015 flos-jovis pink 30-45cm 103  
2016 fruticosa pink/red to 50cm 139  
2017 hookeri pink/white 5-14cm 149  
2018 ovata white 30-150cm 186  
2019 plankii scarlet 10-20cm 36  
2020 pusilla white 10-15cm 73  
2021 regia red 50-160cm >  
2022 regia red/pink mix 1m 24  
2023 samojedorum pink 25-30cm 4 144  
2024 saxifraga white 10-20cm 176  
2025 saxifraga white/pink 10-20cm 149  
2026 schafta rose-pink to 25cm 184  
2027 suecica bright pink 5-35cm 99 163  
2028 undulata white/pinkish to 60cm 171  
2029 uniflora white flr/blue-green lvs to 15cm 128 149  
2030 uniflora 'Compacta' white-light pink flr/grey-green lvs 5-10cm >  
2031 viscaria rose pink/purple 30-60cm 30 142 153  
2032 waldsteinii white 15-30cm 165  
2033 **Silene** zawadzkii white 15-30cm 153  
2034 **Silphium** integrifolium yellow 40-200cm 165  
2035 perfoliatum yellow 75-300cm 24  
2036 wasiotense yellow 60-150cm 154  
(Sinopodophyllum > see Podophyllum)  
2037 **Sisyrinchium** angustifolium mixed white/light-dark blues to 45cm 51  
2038 angustifolium pale-deep blue to 45cm >  
2039 bellum light blue-dark violet to 38cm 109  
2040 bellum (aff) yellow 153  
2041 californicum yellow 5-40cm 139  
2042 idahoense bluish-violet to 45cm 155  
2043 idahoense white/purple mix to 45cm 149  
2044 macrocarpum yellow/brown ring to 20cm 136 147 165  
2045 montanum dark blue-violet 10-50cm 33 149 155  
2046 mucronatum dark blue/bluish violet to 40cm 10  
2047 palmifolium yellow 30-60cm 60  
2048 patagonicum yellow/brown throat 10-30cm 60  
2049 **Smyrniium** perfoliatum yellow to 90cm 166  
(Smilacina > see Maianthemum)  
2050 **Soldanella** alpina blue-violet 5-15cm 65  
2051 carpatica violet-blue 15cm 59  
2052 chrysosticta blue to 25cm 59  
2053 **Solidago** multiradiata yellow 10-30cm 118  
2054 ptarmicoides white 10-40cm 110 164  
2055 speciosa yellow 50-200cm 110  
2056 virgaurea ssp minuta yellow 10-20cm 93  
2057 **Sparaxis** metelerkampiae violet 15-30cm 109  
2058 **Sphaeralcea** ambigua orange-apricot 50-100cm 130  
2059 **Sphaeromeria** capitata yellow flr/grey woolly lvs 5-20cm 165  
2060 **Spigelia** marilandica red/yellow tip 30-60cm 73  
2061 marilandica 'Little Redhead' dark red/yellow inside 50-60cm 95  
2062 **Spiraea** morrisonicola pink 25cm 60  
(Stachys > see also Betonica)  
2063 **Stachys** lavandulifolia mauve-purple woolly flr/grey-green lvs 15-25cm 133  
2064 nivea white flr/white woolly lvs 20-30cm 76 78  
2065 officinalis 'Nana' pink 15cm 86 163  
2066 officinalis 'Nana' white 10cm 60  
2067 spathulata rose-purple 7-25cm 31 64 133  
2068 **Stenanthium** gramineum white-greenish yellow 50-200cm 151  
2069 **Stenotus** acaulis yellow 3-21cm 133  
2070 **Sternbergia** lutea yellow to 15cm 145  
2071 **Stewartia** pseudocamellia white 10-15m 4 178  
2072 **Stylophorum** diphyllum (moist packed) yellow to 50cm 39 44  
2073 lasiocarpum yellow 30-50cm 30  
(Symphyandra > see Campanula)  
2074 **Symphotrichum** (Aster) shortii purple-blue 30-150cm 105  
2075 **Symplocarpus** foetidus (moist packed) yellowish-dark red purple 10-60cm 102  
2076 **Syneilesis** aconitifolia pink-white 70-120cm 164 176 4  
2077 palmata white 45-60cm 100 4 179  
2078 **Synthyris** missurica blue to 33cm 50 85  
(Talinum > see Phemeranthus)  
2079 **Tanacetum** cinerariifolium white/yellow center 40-100cm 42  
2080 densum yellow flr/grey-white lvs to 30cm 142  
2081 densum ssp amani yellow flr/silvery-white downy lvs to 15cm 87  
2082 niveum white flr/silver-grey lvs 45-90cm 73 165  
2083 praeteritum white flr/grey downy lvs 15-30cm 165  
2084 sp (ex Tian Shan) silver 165  
2085 **Taraxacum** albidum white to 40cm 15  
2086 pseudoroseum pink/yellow center 10-20cm 29 86 120  
2087 **Taxodium** distichum 30-35m 167  
2088 **Tellima** grandiflora greenish white ages pink 40-90cm 66 110  
2089 grandiflora Odorata Group bright white flr/fragrant 45-60cm 140  
2090 **Tetraneuris** acaulis yellow 2-30cm 138 165  
2091 acaulis 'Las Vegas' yellow 10cm 141  
2092 herbacea yellow 6-35cm 165  
2093 scaposa yellow 14-40cm 165  
2094 torreyana yellow 2-15cm 52  
2095 **Teucrium** botrys pink-purple 10-30cm 165  
2096 hircanicum deep reddish-purple 45-60cm 13 161  
2097 orientale lilac-blue 20-50cm 88  
2098 scorodonia pale green/yellowish 30-60cm 161  
2099 **Thalictrum** actaeifolium mauve-lilac/white 45-90cm 103  
2100 aquilegiifolium white/pink/lavender mix 1-1.5m 94  
2101 baicalense greenish white 40-80cm 179  
2102 flavum ssp glaucum yellow flr/blue-green lvs 60-150cm 29  
2103 ichangense pale pinkish-purple/white 14-30cm 22  
2104 pubescens white-purplish 50-300cm 166  
2105 rochebruneum lavender-purple 120-180cm >

## Garden Collected

- 2106 **Thalictrum** tuberosum cream to 40cm 165  
 2107 uchiyamae light purple/lilac 90-180cm 60  
 2108 **Thelesperma** filifolium golden-yellow 10-40cm 165  
 2109 **Thelocactus** bicolor ssp schwarzii (ex PP 1246) pink 8-16cm 107  
 2110 **Thermopsis** villosa yellow 90-150cm >  
 2111 **Thymus** praecox ssp zygiformis pink 6cm 88  
 2112 **Tiarella** cordifolia white 15-40cm 105  
 2113 cordifolia mixed cultivars white/pink 4  
 2114 **Tigridia** chiapensis white/yellow 20-30cm 143  
 2115 pavonia creamy white 25-75cm 60  
 2116 vanhouttei cream/purple-brown veins 45-60cm 143  
 (Tofieldia > see Triantha)  
 2117 **Townsendia** hookeri white 1-3cm 131  
 2118 hookeri white/pink 1-3cm 133  
 2119 incana white-pinkish tint 2-12cm 133 134 147  
 2120 'Jeannie's Purple' lavender-purple 2.5cm 133  
 2121 leptotes white-pinkish 1-3cm 103 133  
 2122 montana blue 2cm 50  
 2123 montana purple 5cm 103  
 2124 rothrockii white/yellow 5-10cm 118  
 2125 spathulata white-pinkish 1-2cm 28  
 (Trachelium > see Campanula)  
 2126 **Trachycarpus** nanus blue-green lvs to 60cm 170  
 2127 **Tragopogon** capitatus yellow 40-100cm 155  
 2128 **Trichophorum** alpinum white 10-40cm 49  
 2129 **Tricyrtis** hirta white-pale lilac/purple spots 60-90cm 109  
 2130 latifolia yellow/reddish spots 40-100cm 4  
 2131 macropoda white/purple spots 60-75cm 86  
 2132 puberula yellowish-green/purplish-brown spots to 70cm 49  
 2133 **Trigonotis** omeiensis blue-purple 16-35cm 28  
 2134 **Trillium** cernuum white 15-40cm 183  
 2135 cuneatum (moist packed) maroon/greenish to 45cm 47 179  
 2136 erectum red/maroon-dark purple 15-60cm 183  
 2137 erectum (moist packed) red/maroon-dark purple 15-60cm 179  
 2138 flexipes hybrid (moist packed) red flr/white ovary 20-50cm 179  
 2139 flexipes hybrid (moist packed) reddish-brown over cream/white ovary to 50cm 179  
 2140 grandiflorum 'Roseum' pink 15-30cm 92  
 2141 kurabayashii x parviflorum hybrid white 17-30cm 149  
 2142 luteum (moist packed) greenish-lemon yellow 15-40cm 4  
 2143 oostingii (moist packed) yellowish-green/deep maroon 10-30cm 2  
 2144 ovatum white 20-50cm 65  
 2145 ovatum f hibbersonii clear pink/fades white 3-10cm 149  
 2146 parviflorum white 17-30cm 65 149  
 2147 recurvatum (moist packed) dark maroon purple-yellow 15-48cm 179  
 2148 sessile hybrid (moist packed) maroon 30cm 47  
 2149 simile creamy white 30-60cm 149  
 2150 **Triosteum** pinnatifidum white flr/white frt to 60cm 112  
 2151 **Tripora** (Caryopteris) divaricata 'Blue Butterflies' pale blue to 180cm 35  
 2152 **Triteleia** ixioides white 30cm 60  
 2153 laxa pale blue/deep purple 10-70cm 32  
 2154 **Trollius** acaulis orange-yellow 7-15cm 74  
 2155 chinensis 'Golden Queen' orange-yellow 60-90cm 24  
 2156 hondoensis yellow-orange 40-60cm 60  
 2157 irtuticus orange-yellow 20-60cm 60  
 2158 pumilus yellow 5-25cm 28  
 2159 **Tropaeolum** polyphyllum golden yellow flr/silvery green lvs 20cm 181  
 2160 **Tulipa** anadroma (ex Kyrgyzstan) 189  
 2161 armena (ex Turkey) 189  
 2162 clusiana white/red-pink outer 15-30cm 85  
 2163 clusiana 'Cynthia' pale yellow/pink-red reverse to 30cm 34  
 2164 cretica white/pink 5-10cm 182  
 2165 humilis v aucheriana mauve-pink 5-12cm 85  
 2166 iliensis (ex Kyrgyzstan) 189  
 2167 orphanidea 'Flava' yellow/red-tinged edge 15-20cm 23  
 2168 ostrowskiana (ex Kyrgyzstan) 189  
 2169 saxatilis pink-lilac purple/yellow center 30cm 85  
 2170 sprengeri bright red/scarlet 20-40cm >  
 2171 sprengeri 'Trotters Form' red to 50cm 112  
 2172 sylvestris yellow to 45cm 69 118  
 2173 tarda yellow/white tips 5-20cm 153 165 179  
 2174 turkestanica white-yellow center/grey-violet reverse 15-30cm 43 75 60  
 2175 vvedenskyi red-orange/dark brown-yellow center 20cm 165  
 2176 **Turbinicarpus** alonsoi cherry red/pink-magenta 6-11cm 107  
 2177 **Turnera** ulmifolia yellow 60-90cm 158  
 (Tweedia > see Oxypetalum)  
 2178 **Umbilicus** luteus greenish-yellow 30-80cm 66  
 2179 rupestris greenish-pink to 25cm 103  
 2180 **Ursinia** anthemoides yellow-orange 5-50cm 22  
 2181 **Uvularia** grandiflora (moist packed) yellow 20-75cm 179  
 2182 **Vaccinium** vitis-idaea white-pale pink 10-30cm 4  
 2183 **Valeriana** officinalis purple-red/pink/white to 1.5m 111  
 2184 supina deep pink 5-15cm 146  
 2185 **Veltheimia** bracteata apricot/peach 20-40cm 12  
 2186 **Veratrum** album v parviflorum x viride 68  
 2187 formosanum dark purple 30cm 165  
 2188 virginicum white-greenish yellow 60-200cm 166  
 2189 woodii maroon-brown/green 70-150cm 154  
 2190 **Verbascum** atroviolaceum dark violet-purple 30-45cm 99  
 2191 blattaria f albiflora (PI) white 60-100cm 88  
 2192 bombyciferum yellow flr/grey-white felted lvs 150-180cm 165  
 2193 'Governor George Aiken' (PI) cream 150-200cm 94 122  
 2194 pyramidatum yellow flr/purple-violet anthers/woolly lvs 45-150cm 94  
 2195 roripifolium yellow to 1.2m 165  
 2196 rupestre yellow 20-60cm 53  
 2197 rupicola yellow 20-30cm 149  
 2198 undulatum yellow flr/wavy grey woolly lvs to 90cm 49  
 2199 **Verbesina** alternifolia yellow 1-2m 105  
 2200 **Vernonia** fasciculata purple 30-120cm 104 129  
 2201 gigantea purple 80-200cm 164  
 2202 **Veronica** allionii deep blue-violet 5-15cm 89  
 2203 gentianoides deep blue-white 30-40cm 111 157  
 2204 grandiflora bright blue-violet blue 5-15cm 120  
 2205 ochracea white flr/bronze-yellow lvs 15-40cm 86  
 2206 orientalis blue/pink/white flr/grey lvs 7-45cm 165  
 2207 perfoliata violet-blue flr/blue-grey lvs to 120cm 94  
 2208 porphyriana blue-purple 20-30cm 178  
 2209 rotunda blue-purple 40-80cm 161  
 2210 spicata purple/blue 15-50cm 173  
 2211 **Veronicastrum** virginicum white 80-200cm 167  
 2212 **Viburnum** farreri 'Candidissimum' white to 3m 14  
 2213 **Viguiera** stenoloba yellow 50-150cm 158  
 2214 **Viola** adunca light-deep lavender violet 2-30cm 120  
 2215 cornuta violet-blue 20-30cm 60 112  
 2216 cornuta white 20-30cm 60  
 2217 elatior light blue 20-50cm 75  
 2218 nuttallii yellow 2-27cm 137  
 2219 pubescens yellow 10-45cm 10  
 2220 **Vitex** agnus-castus 'Flip Side' lavender-lilac flr/greyish-purple lvs 180-240cm 35  
 2221 **Wyethia** amplexicaulis yellow 25-50cm 122  
 2222 **Xanthisma** (Aster) coloradoense pink-purple 2.5-14cm 88  
 2223 coloradoense (alpine form) pink 2.5cm 6  
 2224 spinulosum yellow 5-15cm 130  
 2225 **Ypsilandra** kansuensis white/tinged purple 6-14cm 85  
 2226 **Yucca** elata creamy white-tinged green-pink 1.2-4.5m 165  
 (Zauschneria > see Epilobium)  
 2227 **Zephyranthes** dichromantha yellow/rusty-red flushed 20-30cm 73 158  
 2228 drummondii white 16-45cm 13 73 158  
 2229 katherinae red 20cm 7 158  
 2230 'Krakatau' reddish orange/yellow 25cm 69  
 2231 macrosiphon Hidalgo Form deep pink 25cm 23  
 2232 primulina yellow/pink flush outer 15-20cm 83 144  
 2233 **Zinnia** grandiflora yellow 8-22cm 165 99  
 2234 **Zizia** aptera yellow 30-90cm 38 4  
 2235 aurea yellow 40-75cm >

## **Aconitum-Epipactis**

- 3001 **Aconitum** columbianum deep blue 90cm  
3002 **Actaea** pachypoda  
3003 **Adlumia** fungosa pink 1-2m  
3004 **Agalinis** tenuifolia violet 20-80cm  
3005 **Agastache** urticifolia purple 80cm  
3006 **Ageratina** altissima white 200cm  
3007 **Agoseris** glauca yellow 40cm  
3008 **Allium** atrosanguineum black-purple 10-30cm  
3009 cernuum  
3010 cernuum pink  
3011 platycaule pink 20cm  
3012 sanbornii v sanbornii white-pink 20-60cm  
3013 tricoccum  
3014 tricoccum white 20cm  
3015 validum pink 50cm  
3016 **Anaphalis** margaritacea white 50cm  
3017 **Anemone** drummondii cream 30cm  
3018 multifida pink 30cm  
3019 **Angelica** arguta white 120cm  
3020 **Aquilegia** coerulea  
3021 formosa red  
3022 **Arisaema** triphyllum  
3023 **Aristolochia** macrophylla brown 5-8m  
3024 **Armeria** maritima ssp sibirica pink 20cm  
3025 **Arnica** latifolia (aff) yellow 30cm  
3026 **Asclepias** exaltata white/green 120cm  
3027 subulata white/green 90cm  
3028 **Asteraceae** sp 40 cm  
3029 **Astragalus** asclepiadoides blue-purple 15cm  
3030 cicer  
3031 crassicaulis white to 30cm  
3032 lentiginosus v palans pink 12cm  
3033 whitneyi white 30cm  
3034 **Athyrium** americanum 15cm  
3035 **Baileya** multiradiata yellow 60cm  
3037 **Balsamorhiza** sagittata yellow 60cm  
3036 sagittata yellow 60cm  
3038 **Berberis** canadensis (moist packed) yellow flr/red frt 20-200cm  
3039 **Boechnera** (Arabis) cusickii faint pink/purple 10-12cm  
3040 **Brachyelytrum** erectum 40cm  
3041 **Brickellia** greenei white 30cm  
3042 **Brodiaea** sierrae violet 20-60cm  
3043 **Calceolaria** cavanillesii yellow 20-30cm  
3044 **Callianthemum** alatavicum pinkish 5-10cm  
3045 **Calochortus** ambiguus white  
3046 eurycarpus white/purple 45cm  
3047 leichtlinii white 50cm  
3048 **Caltha** leptosepala  
3049 sagittata white-greenish 5-10cm  
3050 **Camassia** quamash  
3051 quamash blue/purple 30cm  
3052 **Campanula** glomerata  
3053 rotundifolia  
3054 **Castilleja** minor red-orange/green 150cm  
3055 **Chimaphila** maculata  
3056 **Clematis** occidentalis  
3057 **Clethra** acuminata  
3058 **Coreopsis** lanceolata yellow 90cm  
3059 **Cornus** canadensis white  
3060 **Cremanthodium** campanulatum dark brown 10-15cm  
3061 **Cynoglossum** virginianum blue 40cm  
3062 **Cypripedium** calceolus yellow/brown 40cm  
3063 **Dactylorhiza** fuchsii pink 40cm  
3064 lapponica pink 30cm  
3065 **Darlingtonia** californica purple 70cm  
3066 **Delphinium** tricorne  
3067 **Dodecatheon** hendersonii pink  
3068 jeffreyi pink  
3069 pulchellum pink 20cm  
3070 **Douglasia** nivalis pink/magenta eye 10cm  
3071 **Dryas** hookeriana cream 7cm  
3072 hookeriana white 2cm  
3073 integrifolia white 10cm  
3074 octopetala white 30cm  
3075 **Edraianthus** pumilio  
3076 serpyllifolius  
3077 **Elephantopus** tomentosus purple 30-90cm  
3078 **Elymus** hystrix  
3079 **Empetrum** nigrum  
3080 **Epipactis** gigantea bronze 50cm
- Washington: Wenatchee Mtns / 1700m 140  
North Carolina: Watauga Co 180  
Maine: Jackson 160  
Virginia: Scott Co 175  
Oregon: Mt Ashland / 1981m 114  
New Jersey: Camden Co 168  
Oregon: Kelsay Valley / 1280m 114  
Kazakhstan: Trans-Ili Ala Tau / 3300m 184  
Canada 149  
Canada: Ruxton Island, BC 113  
California: Plumas Co, N Sierra Nevada / 1440m 98  
California: Butte Co, S Cascades serpentine / 880m 98  
Michigan: Benzie Co 105  
Ohio: Franklin Co 15  
California: Marble Mtns / 1920m 114  
Idaho: McCall / 1524m 40  
Washington: Wenatchee Mtns / 1700m 140  
Montana: Jefferson Co 41  
Oregon: Mt Ashland / 2042m 114  
Wyoming: Albany Co 178  
Canada: Sutton Creek, Vancouver Island, BC 113  
Virginia: New River, Grayson Co 44  
North Carolina: Watauga Co 104  
Canada: Tablelands, NL 30  
Oregon: Observation Peak, Jackson Co / 2012m 114  
North Carolina: Watauga Co 104  
Arizona: Tucson 162  
Oregon: Observation Peak, Jackson Co / 2042m 114  
Colorado: Loma 53  
Czech Republic: SE Moravia 161  
Colorado: Douglas Co / 1890m 99  
Colorado: Loma 130  
Oregon: Observation Peak, Jackson Co / 2073m 114  
California: Marble Mtns / 1981m 114  
Arizona: Tucson 162  
Montana: Jefferson Co 41  
Idaho: Kootenai Co 22  
Virginia: Scott Co 175  
Washington: Lincoln Co 152  
Ohio: Vinton Co 15  
Oregon: Whiskey Creek 114  
California: Butte Co, N Sierra Nevada / 975m 98  
Chile: Laguna del Maule 184  
Kazakhstan: Trans-Ili Ala Tau / 3400m 184  
Arizona: Yavapai Co 25  
Montana: Lewis & Clark Co 41  
California: Plumas Co, N Sierra Nevada / 1440m 98  
Canada: Vancouver Island, BC / 1300m 113  
Chile: Lagunas de Teno / 247m 184  
Canada 149  
Idaho: Kootenai Co 22  
Czech Republic: SE Moravia 161  
Maine: Great Waas Island 100  
Colorado: Gateway 130  
Connecticut: Franklin 4  
Wyoming: Teton Co 178  
Kentucky: Morgan Co 178  
Missouri: Eastern, I-40 highway 162  
Canada: Walbran Valley, Vancouver Island, BC 113  
China: Daxue Shan, Yunnan / 4400m 184  
Ohio: Vinton Co 15  
Norway: Northern, scree 148  
Norway: Northern, birch forest 148  
Norway: Northern, swamp 148  
Oregon: Whiskey Creek / 503m 114  
Ohio: Hamilton Co 178  
Canada: Victoria, BC 113  
Canada: Walbran Valley, Vancouver Island, BC 113  
Idaho: Kootenai Co 22  
Washington: Wenatchee Mtns / 1700m 140  
Washington: S Cascade Mtns / 2200m 140  
Colorado: Collegiate Mtns 130  
Canada: Burnt Cape, NL 30  
Norway: Northern, limestone, seaside 148  
Croatia: Biokovo / 1630m 184  
Croatia: Biokovo / 1750m 184  
Virginia: Galax 44  
Michigan: Kent Co 105  
Maine: Schoodic Point 100  
Oregon: Whiskey Creek / 503m 114

## **Wild Collected**



- 3081 **Eremogone** (Arenaria) congesta white 30cm  
3082 congesta v suffrutescens white 30cm  
3083 **Eremurus** altaicus creamy 150cm  
3084 **Ericameria** nauseosa v speciosa yellow 40cm  
3085 **Erigeron** aliceae (aff) purple 40cm  
3086 aurantiacus orange 5-20cm  
3087 aureus yellow 10cm  
3088 compositus white flr/hairy lvs 10cm  
3089 compositus (as v discoideus) white flr/grey-green lvs 5cm  
3090 hyssopifolius white 10cm  
3091 inornatus yellow 50cm  
3092 linearis bright yellow flr/grey-green lvs 15cm  
3093 poliospermus bright blue-purple flr/very hairy lvs 10cm  
3094 **Eriogonum** ovalifolium v nivale cream/red 20cm  
3095 **Eriophyllum** lanatum  
3096 lanatum yellow  
3097 **Erythranthe** (Mimulus) erubescens light pink/purple 25-90cm  
3098 lewisii  
3099 **Erythronium** grandiflorum  
3100 montanum white  
3101 oregonum  
3102 oregonum white  
3103 **Eschscholzia** californica  
3104 **Fraseria** speciosa green 150cm  
3105 **Fritillaria** affinis brown  
3106 affinis green/yellow brown 30cm  
3107 **Gaillardia** aristata pure yellow 60cm  
3109 aristata yellow/red center 60cm  
3108 aristata yellow/red center 60-90cm  
3110 **Galax** urceolata  
3111 **Gaultheria** humifusa white  
3112 **Gentiana** andrewsii  
3113 andrewsii dark blue 30-60cm  
3114 bavarica v subacaulis  
3115 calycosa blue 30cm  
3116 lutea  
3117 **Gentianopsis** barbata dark blue 20-40cm  
3118 **Geum** triflorum  
3119 **Gillenia** trifoliata white 30cm  
3120 **Goodyera** pubescens  
3121 **Gymnadenia** conopsea pink 30cm  
3122 **Hastingsia** alba white 50cm  
3123 **Hedysarum** alpinum  
3124 **Heterotheca** villosa yellow 15cm  
3125 **Heuchera** cylindrica cream 20cm  
3126 cylindrica white 50cm  
3127 micrantha white  
3128 **Hyacinthoides** non-scripta  
3129 **Hypericum** punctatum yellow 70cm  
3130 **Ilex** verticillata  
3131 **Iris** missouriensis 30cm  
3132 **Jacobaea** incana  
3133 **Liatris** punctata pink 30cm  
3134 **Lilium** columbianum orange 60cm  
3135 columbianum yellow  
3136 superbum yellow-red orange 2m  
3137 washingtonianum (aff) white? 150cm  
3138 **Linum** lewisii  
3139 **Lobelia** cardinalis  
3140 cardinalis red 100cm  
3141 siphilitica  
3142 spicata light blue 20-120cm  
3143 **Lomatium** hallii white 20cm  
3144 martindalei yellow  
3145 nudicaule white 20cm  
3146 nudicaule yellow  
3147 **Lupinus** argenteus blue 60cm  
3148 sulphureus yellow 40cm  
3149 **Lysimachia** ciliata yellow 60cm  
3150 **Maianthemum** (Smilacina) racemosum (moist packed) white 75-125cm  
3151 stellatum white 20cm  
3152 **Maihuea** poeppigii pale yellow 10-15cm  
3153 **Meconopsis** integrifolia yellow 30-40cm  
3154 **Micranthes** oregana white/green 30cm  
3155 **Minuartia** obtusiloba white 10cm  
3156 **Monardella** purpurea purple 40cm  
3157 **Monotropa** uniflora  
3158 **Nyssa** sylvatica 10m  
3159 **Olsynium** douglasii pink  
3160 douglasii v inflatum pink 20cm
- California: Marble Mtns / 1829m 114  
California: Sierra Co, Pliocene Ridge / 1832m 98  
Kazakhstan: Trans-Ili Ala Tau 184  
Oregon: Observation Peak, Jackson Co / 2042m 114  
Oregon: Observation Peak, Jackson Co 114  
Kazakhstan: Trans-Ili Ala Tau 184  
Washington: S Cascade Mtns / 2200m 140  
Washington: Spokane Co 152  
Colorado: Park Co 152  
Colorado: Park Co 30  
Oregon: Observation Peak, Jackson Co / 2042m 114  
Washington: Kittitas Co 152  
Washington: Kittitas Co 152  
Washington: S Cascade Mtns / 2200m 140  
Canada 149  
Canada: Elk River, Vancouver Island, BC 113  
California: Nevada Co, N Sierra Nevada / 1890m 98  
Wyoming: Teton Co 178  
Wyoming: Albany Co 178  
Canada: San Juan Ridge, Vancouver Island, BC 113  
Canada 149  
Canada: Victoria, BC 113  
Arizona: Cochise Co 25  
California: Marble Mtns / 1951m 114  
Canada: Ruxton Island, BC 113  
Idaho: Kootenai Co 22  
Washington: Devil's Gap, Spokane Co 152  
Washington: Lincoln Co 152  
Washington: Kittitas Co 152  
North Carolina: Haywood Co 178  
Canada: Vancouver Island, BC / 1800m 113  
West Virginia: Raleigh Co 178  
New Hampshire: Fitzwilliam 160  
Austria: Hohe Tauern 184  
California: Marble Mtns / 1981m 114  
Italy: Tremalzo / 1800m 184  
China: Zhongdian, NapaHai, Yunnan / 3500m 184  
Wyoming: Teton Co 178  
Ohio: Vinton Co 15  
Connecticut: Southeast 101  
Norway: Northern, Limestone, seaside 148  
Oregon: Observation Peak, Jackson Co / 2103m 114  
Wyoming: Teton Co 178  
Montana: Lewis & Clark Co 41  
Washington: S Cascade Mtns / 2200m 140  
Oregon: Kelsay Valley / 1280m 114  
Canada: Ruxton Island, BC 113  
United Kingdom: Scotland 112  
Ohio: Vinton Co 15  
Connecticut: Southeast 101  
Washington: Lincoln Co 152  
Austria: Hohe Tauern / 2650m 184  
Montana: Jefferson Co 41  
Washington: N Cascade Mtns / 1700m 140  
Canada: Upper Campbell Lake, Vancouver Island, BC 113  
Rhode Island: Wakefield 160  
California: Grider Creek / 762m 114  
Wyoming: Teton Co 178  
New Hampshire: Amherst 151  
Massachusetts: Martha's Vineyard 102  
Virginia: New River, Grayson Co 44  
Virginia: Scott Co 175  
Oregon: Observation Peak, Jackson Co / 2073m 114  
Canada: Vancouver Island, BC / 1300m 113  
Oregon: Observation Peak, Jackson Co / 1920m 114  
Canada: Victoria, BC 113  
Idaho: McCall / 1524m 40  
Oregon: Siskiyou Summit / 1219m 114  
Michigan: Midland Co 157  
Michigan: Kent Co 105  
Illinois: Evanston 40  
Chile: Shangri-La / 152m 184  
China: Daxue Shan, Yunnan / 4400m 184  
Colorado: Pass Lake 138  
Washington: S Cascade Mtns / 2200m 140  
Oregon: Mt Ashland / 1981m 114  
Connecticut: Southeast 101  
Michigan: Midland Co 157  
Canada: Victoria, BC 113  
Idaho: Kootenai Co 22

## Opuntia-Trollius

- 3161 **Opuntia** polyacantha yellow 30cm  
3162 **Orthocarpus** cuspidatus pink 20cm  
3163 **Oxytropis** lambertii pink 20cm  
3164 splendens purple 15-30cm  
3165 **Paraquilegia** anemonoides bluish-white 5-15cm  
3166 **Paris** quadrifolia  
3167 **Parnassia** palustris white 30cm  
3168 **Pedicularis** parryi cream white 15-30cm  
3169 **Pediocactus** simpsonii faint pink flr/red spines 5-10cm  
3170 **Penstemon** anguineus blue 50cm  
3171 angustifolius  
3172 angustifolius blue 40cm  
3173 attenuatus bright blue 45cm  
3174 attenuatus purple 10cm  
3175 auriberbis pink 25cm  
3176 azureus blue 30cm  
3177 davidsonii blue 13cm  
3178 davidsonii purple  
3179 fruticosus purple blue 30cm  
3180 glaber v alpinus  
3181 laetus (aff) purple 30cm  
3182 newberryi bright pink 15cm  
3183 newberryi pink 40cm  
3184 nitidus  
3185 palmeri white/pink tinge  
3186 parryi  
3187 procerus blue 30cm  
3188 procerus v tolmiei blue 15cm  
3189 virens  
3190 virens blue 30cm  
3191 **Phacelia** procera cream 50-200cm  
3192 procera white 100cm  
3193 sericea blue 20cm  
3194 **Philadelphus** lewisii white 150cm  
3195 **Polemonium** occidentale blue 80cm  
3196 **Polygonatum** biflorum  
3197 biflorum (moist packed) blue frt  
3198 **Potentilla** nitida  
3199 **Primula** chionantha rose 40cm  
3200 laurentiana pink 10cm  
3201 nivalis rose 30-50cm  
3202 spectabilis  
3203 **Ptelea** trifoliata green/yellow 4m  
3204 **Pulsatilla** occidentalis white 50cm  
3205 vulgaris  
3206 **Pyrethrum** karelinii 15-20cm  
3207 **Pyrola** americana  
3208 **Ratibida** columnifera yellow 60cm  
3209 **Rhododendron** minus v minus  
3210 **Rhodothamnus** chamaecistus  
3211 **Rhus** typhina  
3212 **Rosa** gymnocarpa pink  
3213 **Sabatia** angularis pink/yellow 20-90cm  
3214 **Salvia** pratensis (PI)  
3215 verticillata  
3216 **Sanguisorba** officinalis black 50cm  
3217 **Saponaria** officinalis (PI) light pink 30-60cm  
3218 **Sassafras** albidum 8m  
3219 **Saxifraga** biflora  
3220 caesia  
3221 hostii  
3222 **Scirpus** sp 40cm  
3223 **Scrophularia** marilandica brown 2m  
3224 **Scutellaria** pseudoserrata (aff) light lavender to 15cm  
3225 **Sibbaldia** procumbens yellow  
3226 **Silene** parryi white 25cm  
3227 **Sisyrinchium** albidum blue 10-45cm  
3228 **Solidago** hispida yellow 20cm  
3229 nemoralis yellow 10-130cm  
3230 **Sorbus** americana golden frt  
3231 **Sphaeralcea** coccinea orange 30cm  
3232 **Symphotrichum** (Aster) puniceum pale pink 60-90cm  
3233 **Teucrium** canadense blue 40cm  
3234 **Thermopsis** montana 60cm  
3235 **Triantha** glutinosa white 40cm  
3236 **Trichostema** brachiatum indigo 15-50cm  
3237 **Trillium** cernuum white 15-60cm  
3238 ovatum  
3239 **Trollius** albiflorus white 40cm  
3240 lilacinus white-bluish/purplish 10-20cm
- Montana: Jefferson Co 41  
Oregon: Mt Ashland / 2042m 114  
Colorado: Douglas Co / 1890m 99  
Colorado: Boreas Pass 138  
Kazakhstan: Trans-Ili Ala Tau / 3450m 184  
Finland: Pyharanta 183  
Oregon: Observation Peak / 2073m 114  
Colorado: Shrine Ridge 138  
Colorado: Park Co 152  
Oregon: Mt Ashland / 1676m 114  
Colorado: Fremont Co 178  
Colorado: Fremont Co / 1768m 52  
Washington: S Cascade Mtns / 1700m 140  
Idaho: McCall / 1829m 40  
Colorado: Fremont Co / 1768m 52  
Oregon: Observation Peak, Jackson Co / 2073m 114  
Washington: Wenatchee Mtns / 1800m 140  
Canada: Vancouver Island, BC / 1300m 113  
Washington: S Cascade Mtns / 1500m 140  
Colorado: Custer Co 178  
Oregon: Donomore Peak / 1890m 114  
California: Sierra Co, Pliocene Ridge / 1832m 98  
California: Marble Mtns / 1981m 114  
Colorado: Washakie Co 178  
Arizona: Yavapai Co 25  
Arizona: Yavapai Co 25  
Montana: Jefferson Co 41  
Washington: S Cascade Mtns / 2200m 140  
Colorado: Custer Co 178  
Colorado: Fremont Co / 1890m 52  
California: Nevada Co, N Sierra Nevada / 1670m 98  
Oregon: Mt Ashland / 2042m 114  
Washington: S Cascade Mtns / 2200m 140  
Montana: Jefferson Co 41  
Oregon: Davis Lake / 1341m 114  
North Carolina: Watauga Co 180  
Michigan: Kent Co 105  
Italy: Dolomites / 2200m 184  
China: Daxue Shan, Yunnan / 4300m 184  
Canada: Plum Point, NL 30  
Kazakhstan: Trans-Ili Ala Tau / 2550m 184  
Italy: Tremalzo / 1800m 184  
North Carolina: Ashe Co 104  
California: Marble Mtns / 1920m 114  
Germany: Bavaria 185  
Kazakhstan: Trans-Ili Ala Tau / 3400m 184  
Connecticut: Franklin 4  
Montana: Jefferson Co 41  
North Carolina: McDowell Co 180  
Italy: Dolomites / 2180m 184  
North Carolina: Burke Co 180  
Canada: Ruxton Island, BC 113  
Virginia: Scott Co 175  
Czech Republic: SE Moravia 161  
Czech Republic: SE Moravia 161  
Oregon: Whiskey Creek / 503m 114  
Ohio: Cuyahoga Valley, Summit County 163  
Michigan: Midland Co 157  
Austria: Hohe Tauern / 2860m 184  
Italy: Tremalzo / 1800m 184  
Italy: Tremalzo / 1800m 184  
Oregon: Windigo Butte / 1829m 114  
North Carolina: Watauga Co 104  
Virginia: Chestnut Creek, Grayson Co 44  
Canada: Vancouver Island, BC / 1300m 113  
Washington: S Cascade Mtns / 2200m 140  
Virginia: Scott Co 175  
Canada: Cape Norman, NL 30  
Virginia: Scott Co 175  
Virginia: Carroll Co 180  
Montana: Jefferson Co 41  
Maine: Jackson 160  
Ohio: Franklin Co 15  
Idaho: McCall / 1524m 40  
Oregon: Observation Peak, Jackson Co / 2073m 114  
Virginia: Scott Co 175  
Michigan: Houghton Co 128  
Canada: Cowichan Valley, Vancouver Island, BC 113  
Colorado: Shrine Ridge 138  
Kazakhstan: Trans-Ili Ala Tau / 3300m 184

## Wild Collected

- 3241 **Tulipa** dasystemon yellow  
 3242 **Vernonia** missurica purple 1.5m  
 3243 **Viburnum** acerifolium (moist packed) red autumn lvs 91-100cm  
 3244 **Xanthisma** (Aster) gracile yellow 20cm  
 3245 **Yucca** brevifolia white 1.5-4.5m

- Kazakhstan: Trans-Ili Ala Tau / 3300m 184  
 Michigan: Kent Co 105  
 Michigan: Kent Co 105  
 Arizona: Tucson 162  
 Nevada: Clark Co 152

**SPECIES NAME CHANGES:**

Listed here are some of the recent species name changes for seed that are in this year's seed list. Genera stayed the same unless otherwise noted.

If it changed to another genus but kept similar species name, it will be noted within the Garden and Wild collected lists with former genus in parentheses or a note directing you to the new genus. Most changes within same genera, to or from subspecies level, can be easily spotted in the seed lists, so are not listed here.

- |  |  |   |
|--|--|---|
| Aconitum bisma > A. palmatum                               | Gloxinia nematanthodes > Seemannia nematanthodes             | Parahebe perfoliata > Veronica perfoliata                   |
| Actaea alba > A. rubra                                     | Haplopappus acaulis > Stenotus acaulis                       | Pardancanda (x) norrisii > Iris norrisii (x)                |
| Adonis brevistyla > A. davidii                             | Haplopappus spinulosus > Xanthisma spinulosum                | Pardanthopsis dichotoma > Iris dichotoma                    |
| Agave lophantha > A. univittata                            | Hegemone lilacina > Trollius lilacinus                       | Persicaria bistorta > Bistorta officinalis                  |
| Allium azureum > A. caeruleum                              | Hebe ochracea > Veronica ochracea                            | Phlomis tuberosa > Phlomoides tuberosa                      |
| Allium jajlae > A. rotundum                                | Helenium hoopesii > Hymenoxys hoopesii                       | Phyteuma zahlbruckneri > P. persicifolium                   |
| Allium siculum ssp bulgaricum > A. siculum ssp dioscoridis | Helleborus argutifolius > H. lividus ssp corsicus            | Polyxena longituba > Lachenalia longituba                   |
| Allium tolmiei v platyphyllum > A. tolmiei v tolmiei       | Hibiscus palustris > H. moscheutos                           | Poncirus trifoliata > Citrus trifoliata                     |
| Alyssum saxatile > Aurinia saxatile                        | Hieracium lanatum > H. tomentosum                            | Primula sinopurpurea > P. chionantha                        |
| Alyssum spinosum > Hormathophylla spinosa                  | Hutchinsia alpina > Hornungia alpina                         | Pritzelago alpina > Hornungia alpina                        |
| Ancistrocactus scheeri > Sclerocactus scheeri              | Hymenoxys scaposa > Tetraneuris scaposa                      | Pseudolysimachion rotundum > Veronica rotunda               |
| Androsace barbulata > A. villosa ssp koso-poljanski        | Iberis candolleana > I. aurosa ssp nana                      | Psoralea psoraloides > Orbexilum pedunculatum v psoraloides |
| Anemone leveillei > A. rivularis v rivularis               | Iberis taurica > I. simplex                                  | Ptilotrichum spinosum > Hormathophylla spinosa              |
| Anemone pavonina > A. hortensis                            | Iris flavissima > I. humilis                                 | Pulsatilla subslavica > P. halleri ssp styriaca             |
| Antennaria neglecta v gaspensis > A. rosea ssp pulvinata   | Jeffersonia dubia > Plagiorhegma dubium                      | Putoria calabrica > Plocama calabrica                       |
| Arctotis grandis > Arctotis stoechadifolia                 | Kolkwitzia amabilis > Linnaea amabilis                       | Rabdosia effusa > Isodon effusus                            |
| Athyrium distentifolium ssp americanum > A. americanum     | Lesquerella alpina > Physaria reediana                       | Saponaria pulvinaris > S. pumilio                           |
| Belamcanda chinensis > Iris domestica                      | Lesquerella ovalifolia > Physaria ovalifolia                 | Satureja montana v illyrica > S. subspicata                 |
| Bellevalia forniculata > Pseudomuscari forniculatum        | Lewisia glandulosa > L. pygmaea                              | Saxifraga oregana > Micranthes oregana                      |
| Bergeranthus jamesii > B. vespertinus                      | Lewisia serrata > L. cantelovii                              | Saxifraga pennsylvanica > Micranthes pennsylvanica          |
| Bruckenthalia spiculifolia > Erica spiculifolia            | Libertia caerulescens > L. sessiliflora                      | Scabiosa caucasica > Lomelosia caucasica                    |
| Bulbocodium vernum > Colchicum bulbocodium                 | Lychnis yunnanensis > Silene samojedorum                     | Scabiosa crenata > Lomelosia crenata                        |
| Calydorea coelestina > Salpingostylis coelestina           | Machaeranthera gracilis > Xanthisma gracile                  | Scilla autumnalis > Prospero autumnale                      |
| Campanula argaeai > C. ajugifolia                          | Meconopsis cambrica > Papaver cambricum                      | Scilla natalensis > Merwillia plumbea                       |
| Campanula nitida > C. persicifolia 'Planiflora'            | Merendera sobolifera > Colchicum soboliferum                 | Scilla pratensis > Scilla litardierei                       |
| Centratherum intermedium > C. punctatum                    | Merwillia natalensis > M. plumbea                            | Scilla scilloides > Barnardia japonica                      |
| Chionodoxa sardensis > Scilla sardensis                    | Mimulus cardinalis > Erythranthe cardinalis                  | Sedum spurium > Phedimus spurium                            |
| Chirita tamiana > Primulina tamiana                        | Mimulus glabratus > Erythranthe glabrata                     | Senecio aureus > Packera aurea                              |
| Corydalis ochroleuca > Pseudofumaria alba ssp acaulis      | Mina lobata > Ipomoea lobata                                 | Senecio herreanus > Curio herreanus                         |
| Daphne albowiana > D. pontica ssp haematocarpa             | Minuartia rubella > Sabulina rubella                         | Senecio incanus > Jacobaea incana                           |
| Delphinium ajacis > Consolida ajacis                       | Narcissus fernandesii > N. flavus                            | Senecio longilobus > S. flaccidus v flaccidus               |
| Desmodium dillenii > D. perplexum                          | Nectaroscordum siculum > Allium siculum                      | Silene capensis > S. undulata                               |
| Dianthus amurensis > D. chinensis                          | Nemopanthus mucronatus > Ilex mucronata                      | Sinopodophyllum hexandrum > Podophyllum hexandrum           |
| Dianthus erinaceus > Dianthus webbianus                    | Nomocharis aperta > Lilium apertum                           | Soldanella cyanaster > S. chrysosticta                      |
| Dicentra macrantha > Ichtyoselmis macrantha                | Nomocharis oxypetala > Lilium oxypetalum                     | Stachys minima > S. spathulata                              |
| Draba athoa > D. lasiocarpa                                | Nothofagus procera > N. alpina                               | Stachys monieri > S. officinalis                            |
| Draba imbricata > D. bryoides                              | Onosma taurica > O. cinerea                                  | Stachys ossetica > Betonica nivea ssp ossetica              |
| Draba paysonii v treleasii > D. novolympica                | Paeonia caucasica > P. daurica ssp coriifolia                | Stachys macrantha > Betonica macrantha                      |
| Echium russicum > Pontechium maculatum                     | Paeonia mascula ssp arietina > P. arietina                   | Stachys spicata > Betonica macrantha                        |
| Emilia sagittata > E. coccinea                             | Paeonia potaninii > P. delavayi Potaninii Group              | Symphandra wanneri > Campanula wanneri                      |
| Ephedra minima > E. monosperma                             | Paeonia rockii ssp linyanshanii > Paeonia rockii ssp rockii  | Thymus albanus > T. praecox ssp zygiformis                  |
| Erigeron hirsutus > E. pumilus                             | Paeonia ruprechtiana > Paeonia daurica ssp coriifolia        | Tofieldia glutinosa > Triantha glutinosa                    |
| Gaultheria miqueliana > G. pyrolloides                     | Paeonia steveniana > Paeonia daurica ssp macrophylla         | Townsendia nuttallii > T. hookeri                           |
| Gaura biennis > Oenothera gaura                            | Paeonia veitchii v woodwardii > Paeonia anomala ssp veitchii | Trachelium rumelianum > Campanula rumeliana                 |
| Gaura lindheimeri > Oenothera lindheimeri                  |  | Tweedia coerulea > Oxypetalum coeruleum                     |

**SELECTED PLANT GROUPS**

*If you are looking to add year-round presence to your garden, check out the seed selections in this year's seed lists under the following genera:*

<b>CACTUS</b>	<b>SUCCULENTS</b>	<i>Yucca</i>	<i>Corylopsis</i>	<i>Linnaea</i>	<i>Styrax</i>	<b>GRASSES/SEDGES</b>
<i>Astrophytum</i>	<i>Agave</i>		<i>Cotoneaster</i>	<i>Magnolia</i>	<i>Symplocos</i>	<i>Ampelodesmos</i>
<i>Echinocactus</i>	<i>Aloe</i>	<b>TREES/SHRUBS</b>	<i>Daphne</i>	<i>Melianthus</i>	<i>Taxodium</i>	<i>Brachyelytrum</i>
<i>Echinocereus</i>	<i>Aloinopsis/Nananthus</i>	<i>Abeliophyllum</i>	<i>Disanthus</i>	<i>Metasequoia</i>	<i>Trachycarpus</i>	<i>Briza</i>
<i>Epiphyllum</i>	<i>Anacampteros</i>	<i>Abies</i>	<i>Elliottia</i>	<i>Nothofagus</i>	<i>Tripura</i>	<i>Carex</i>
<i>Epithelantha</i>	<i>Chasmatophyllum</i>	<i>Amorpha</i>	<i>Elsholtzia</i>	<i>Nyssa</i>	<i>Viburnum</i>	<i>Chasmanthium</i>
<i>Escobaria</i>	<i>Chiastophyllum</i>	<i>Aralia</i>	<i>Ephedra</i>	<i>Ostrya</i>	<i>Vitex</i>	<i>Cinna</i>
<i>Ferocactus</i>	<i>Cotyledon</i>	<i>Bauhinia</i>	<i>Ericameria</i>	<i>Paeonia</i>		<i>Dasyochloa</i>
<i>Frailea</i>	<i>Curio</i>	<i>Berberis</i>	<i>Euonymus</i>	<i>Philadelphus</i>	<b>VINES/CLIMBERS</b>	<i>Elymus</i>
<i>Gymnocalycium</i>	<i>Delosperma</i>	<i>Betula</i>	<i>Euphorbia</i>	<i>Pinus</i>	<i>Adlumia</i>	<i>Eragrostis</i>
<i>Lobivia</i>	<i>Deuterocohnia</i>	<i>Brahea</i>	<i>Hakea</i>	<i>Ptelea</i>	<i>Akebia</i>	<i>Hilaria</i>
<i>Maihuenia</i>	<i>Dudleya</i>	<i>Calliandra</i>	<i>Halesia</i>	<i>Rosa</i>	<i>Aristolochia</i>	<i>Hystrix</i>
<i>Opuntia</i>	<i>Dyckia</i>	<i>Callicarpa</i>	<i>Helwingia</i>	<i>Rhododendron</i>	<i>Clematis</i>	<i>Luzula</i>
<i>Parodia</i>	<i>Manfreda</i>	<i>Calycanthus</i>	<i>Hydrangea</i>	<i>Rhodotypos</i>	<i>Codonopsis</i>	<i>Muhlenbergia</i>
<i>Pediocactus</i>	<i>Nolina</i>	<i>Ceanothus</i>	<i>Hypericum</i>	<i>Rhus</i>	<i>Dactylicapnos</i>	<i>Phleum</i>
<i>Schlumbergera</i>	<i>Orostachys</i>	<i>Cephalanthus</i>	<i>Ilex</i>	<i>Rosa</i>	<i>Eccremocarpus</i>	<i>Trichophorum</i>
<i>Sclerocactus</i>	<i>Phedimus</i>	<i>Chamaebatiaria</i>	<i>Illicium</i>	<i>Sassafras</i>	<i>Ipomoea</i>	
<i>Turbincarpus</i>	<i>Rabiea</i>	<i>Chamaedaphne</i>	<i>Jamesia</i>	<i>Sinojackia</i>	<i>Lathyrus</i>	
	<i>Sedum</i>		<i>Koelreuteria</i>	<i>Sorbus</i>	<i>Maurandya</i>	
	<i>Sempervivum</i>		<i>Lepechinia</i>	<i>Spiraea</i>	<i>Oxypetalum</i>	
	<i>Umbilicus</i>		<i>Leycesteria</i>	<i>Stewartia</i>		