

**GARDEN COLLECTED:**

- 4 *Acer griseum* 6-9m 184  
5 *Achillea aleppica* ssp *zederbaueri* white flr/grey lvs 5-15cm 54  
6 *Achillea fraasii* ssp *troiana* white flr/woolly lvs 25-50cm 100  
7 *Achillea lewisii* (x) 'King Edward' pale yellow flr/woolly lvs 15-25cm 169  
8 *Achillea tomentosa* yellow flr/woolly lvs 15-30cm 88 89  
9 *Acis autumnalis* white/pinkish base 7-15cm 50 63 126  
10 *Aconitum anthora* yellow 25-100cm 137  
11 *Aconitum cammarum* (x) 'Pink Sensation' light pink to 120cm 34  
12 *Aconitum carmichaeli* blue-purple 60-150cm 189  
13 *Aconitum ferox* blue-purple to 1m 195  
14 *Aconitum gigas* pale yellow 50-100cm 3  
15 *Aconitum krylovii* cream-yellow 30-130cm 76  
16 *Aconitum volubile* blue-purple to 2m 106  
17 *Actaea asiatica* white 30-80cm 126  
18 *Actaea dahurica* cream to 1m 77  
19 *Actaea pachypoda* white flr/white frt 45-60cm >  
20 *Actaea pachypoda* 'Misty Blue' white flr & frt/blue-green lvs 60-90cm 49  
21 *Actaea racemosa* white 75-250cm 66 91  
22 *Actaea rubra* white flr/red frt 40-80cm 193  
23 *Actaea simplex Atropurpurea* Group white-pale pink flr/dark purple lvs 120-180cm 2  
24 *Adenophora khasiana* blue/pale blue to 1m 75  
25 *Adlumia fungosa* pale pink 0.5-4m 6 143  
26 *Adonis amurensis* yellow 5-30cm 162  
27 *Adonis vernalis* yellow 5-40cm 162  
28 *Aethionema grandiflorum* pink flr/blue-grey lvs 15-30cm >  
29 *Aethionema iberideum* white 5-10cm 101  
30 *Aethionema saxatile* pink-white flr/blue-green lvs 5-25cm 20 147 186  
31 *Aethionema subulatum* pink 5-10cm 177  
32 *Aethionema 'Warley Rose'* rose-pink to 20cm 55  
34 *Agastache cusickii* pink 10-20cm 86  
35 *Agastache foeniculum* lavender-purple 60-120cm 120 112  
37 *Agave amourifolia* (x)(*lophantha* x *pseudoferox* x *ovatifolia*) (nv) 100cm 161  
38 *Agave bracteosa* white-pale yellow 45cm/1.8m scape 161  
39 *Agave difformis* light green-yellow/pink 45cm/3-5m flr scape 161  
40 *Agave loferox* (x) 'Stairway to Heaven' yellow 90cm/6m flr scape 161  
41 *Agave lophantha* 'Band Aid' yellow 40cm/4.5m flr scape 161  
42 *Agave lophantha* f *caerulescens* yellow green flr/blue-green lvs 60cm/3-5m flr scape 161  
43 *Agave ocahui* v *ocahui* yellow 45cm/3m flr scape 161  
44 *Agave polianthiflora* red 40cm/1-2m flr scape 188  
45 *Agonis flexuosa* white to 10m 20  
46 *Albuca humilis* white/green stripe to 10cm 32  
47 *Albuca namaquensis* yellow/green 30cm 24  
48 *Albuca shawii* yellow to 30cm 68  
50 *Alcea hohenackeri* pale yellow 40-200cm 122  
51 *Alcea rosea* 'Light Rose Caplez' 1.5m 82  
52 *Alcea* sp pink 177  
53 *Allium acuminatum* pink-rose purple 10-35cm 157  
54 *Allium aflatunense* purplish-pink to 90cm 177  
55 *Allium akaka* dusky purple-pink 15cm 116  
56 *Allium altaicum* white tinged yellow 40-100cm 177  
57 *Allium amplexans* white 15-50cm 23  
60 *Allium callimischon* white/purple mid-vein 10-35cm 62  
61 *Allium carinatum* ssp *pulchellum* pink-purple 30-50cm 118  
62 *Allium carinatum* ssp *pulchellum* white 30-50cm 157 192  
63 *Allium carolinianum* pink-purple 20-40cm 131  
64 *Allium cernuum* pale pink 10-50cm 49  
65 *Allium cernuum* pink 10-50cm 33 86 138  
66 *Allium cernuum* white 10-50cm 114  
67 *Allium cernuum* 'Pink Giant' pink-purple 30-45cm 29  
69 *Allium cristophii* purple-violet to 60cm >  
71 *Allium cyathophorum* v *farreri* purple 13-15cm 68 157  
72 *Allium daghestanicum* pink/pale purple 20-30cm 177 154  
73 *Allium decipiens* ssp *quercetorum* rose 40-80cm 96 157  
74 *Allium dichlamydeum* deep reddish purple 10-30cm 128  
75 *Allium douglasii* pink-purple 10-40cm 55 116 146  
77 *Allium flavum* pink 6-30cm 55  
78 *Allium flavum* yellow 6-30cm >  
79 *Allium flavum* 'Blue Leaf' yellow flr/blue lvs 6-30cm 118  
80 *Allium flavum* ssp *tauricum* peach/pink/yellow mix 15-30cm 63  
81 *Allium flavum* ssp *tauricum* white flr 30cm 42  
82 *Allium flavum* v *minus* yellow flr/blue-grey lvs 10cm 131  
83 *Allium giganteum* pale lilac/purple 80-150cm 33 177  
84 *Allium hollandicum* 'Purple Sensation' purple-reddish purple to 90cm 23 63  
85 *Allium karataviense* mix 25-30cm 28  
86 *Allium karataviense* pale pink-lilac 25-30cm >  
87 *Allium karataviense* 'Ivory Queen' cream-white 25-30cm 184  
90 *Allium ledebourianum* (ex *Berkutenko*) light pink 30cm 171  
92 *Allium lusitanicum* lilac-rose pink 20-45cm 177  
93 *Allium meteoricum* pale pink 15-20cm 95  
94 *Allium 'Millenium'* bright rosy purple 30-50cm 81 187  
95 *Allium moly* yellow 25-40cm 48  
97 *Allium nutans* pink-pale purple 30-60cm 59  
98 *Allium nutans* (ex *Berkutenko*) lilac 40cm 171  
99 *Allium obliquum* pale yellow-greenish 60-100cm 59  
100 *Allium obliquum* (ex *Ruksans*) bright green 90cm 29  
102 *Allium paniculatum* white-lilac to 75cm 59  
103 *Allium pskemense* white 40-100cm 164  
104 *Allium schoenoprasum* pale purple-deep lilac 20-50cm 177  
105 *Allium senescens* ssp *glaucum* pale pink-purple flr/blue-grey lvs 15-30cm 28  
106 *Allium siculum* reddish/greenish-cream 50-120cm 186 177  
107 *Allium* sp (drumstick form ex China) pink 40-50cm 171  
109 *Allium* sp (ex China) mauve 30-40cm 95  
111 *Allium sphaerocephalon* rose-wine 45-75cm 74  
112 *Allium szovitsii* lilac-pink/violet-purple 20-40cm 59  
113 *Allium togashii* pale pink/white 12-20cm 116 177 186  
114 *Allium tripedale* pink-white 50-90cm 107  
115 *Allium tuberosum* (PI) white 30-50cm 149  
116 *Allium unifolium* bright pink 20-80cm 165 188  
117 *Allium victorialis* white-greenish 30-70cm 59  
119 *Aloe wickensii* red/yellow 90cm/1.75m scapes 46  
120 *Aloinopsis/Nananthus* hybrids various colors 3cm 54  
121 *Alophia drummondii* purple 15-45cm 40  
122 *Alstroemeria ligtu* ssp *simsii* red 60-100cm 19  
123 *Alstroemeria psittacina* red/green to 100cm 63  
124 *Alyogyne huegelii* lilac/rose pink/cream/violet to 2.5m 20  
125 *Alyssoides utriculata* yellow 20-50cm >  
126 *Alyssum caespitosum* yellow flr/silver-grey lvs 5-10cm 166  
127 *Alyssum handelii* yellow flr/silver-grey lvs 5-10cm 60  
129 *Alyssum oxycarpum* yellow flr/silver lvs 10-20cm 55  
130 *Alyssum wulfenianum* yellow flr/grey-green lvs 5-20cm 28 89  
131 *Amethystea caerulea* blue 30-100cm 47  
132 *Amorpha canescens* purple flr/grey lvs 30-90cm 161 177  
135 *Amsonia illustris* light blue 60-120cm 177  
136 *Amsonia tabernaemontana* light blue 60-90cm 182 192  
137 *Amsonia tabernaemontana* v *salicifolia* pale blue 60-90cm 69  
138 *Anacampteros rufescens* pink 5-8cm 175  
139 *Anchusa capensis* deep blue 30-45cm 15 177  
141 *Androsace albana* white/pale pink 5-25cm 20  
142 *Androsace amurensis* milky white 7-20cm 174  
146 *Androsace lactiflora* (cf) 60  
149 *Androsace septentrionalis* white 1-15cm 10 93  
150 *Androsace* sp (biennial) white 72  
152 *Andryala agardhii* yellow flr/silver woolly lvs 8-15cm 36 41  
153 *Anemone baldensis* white 5-15cm 36  
154 *Anemone caroliniana* white 5-35cm 23  
155 *Anemone hupehensis* v *japonica* purple/pink/white 30-100cm 150  
157 *Anemone multifida* cream-yellow 10-70cm 20  
158 *Anemone multifida* red 10-70cm 87  
159 *Anemone multifida* white 10-70cm 84  
160 *Anemone multifida* (ex W Central Alberta, Canada) white 30cm 170  
161 *Anemone multifida* v *tetonensis* red-purple/white-yellow/blue 10-20cm 55 60  
162 *Anemone narcissiflora* white 10-50cm 34 97  
163 *Anemone narcissiflora* ssp *crinita* white/yellowish 10-50cm 79  
165 *Anemone nemorosa* 'Robinsoniana' (moist packed) pale lavender-blue 15-20cm 186  
167 *Anemone pavonina* mix 15-45cm 68  
168 *Anemone polyanthes* white/red/mauve 25-60cm 41  
169 *Anemone rupicola* white/pink-violet reverse 5-25cm 88 89 101  
170 *Anemone virginiana* white/greenish-white 30-80cm 176  
171 *Angelica archangelica* yellow-greenish to 2m 57  
172 *Angelica gigas* dark purple flr/purplish stems 1-2m 58

- 173 *Angelica pachycarpa* greenish-cream to 1m 177  
174 *Antennaria alpina* whitish 3-18cm 136  
177 *Antennaria dioica* 'Nyewoods Variety' bright pink flr/grey lvs 10cm 89  
178 *Antennaria plantaginea* white-purplish flr/woolly lvs 10-45cm 177  
179 *Antennaria plantaginifolia* white-cream flr/grey woolly lvs 6-20cm 139  
180 *Antennaria rosea* rose-white 4-30cm 114  
181 *Antennaria rosea* ssp *confinis* cream yellow-red brown flr/grey woolly lvs 9-25cm 186  
182 *Anthericum liliago* white 60-90cm >  
183 *Anthericum ramosum* white 30-70cm 38  
184 *Anthriscus sylvestris* 'Ravenswing' white flr/dark purple-bronze lvs 30-90cm 12 125 174  
185 *Anthyllis barba-jovis* cream-pale yellow flr/silver hairy lvs 50-200cm 164  
189 *Antirrhinum sempervirens* cream/white to 25cm 87  
191 *Aquilegia alpina* blue 15-80cm 133 181  
192 *Aquilegia atrata* dark red-purple 30-60cm 169  
195 *Aquilegia buergeriana* yellow/brown-purple 30-80cm 14 143 169  
196 *Aquilegia buergeriana* (dwarf form) yellow/brown-purple 15-30cm 11 45 77  
197 *Aquilegia buergeriana* 'Calimero' purple/yellow 15-20cm 6 180  
198 *Aquilegia canadensis* red/yellow 15-90cm 180  
199 *Aquilegia canadensis* (isolated) red 30cm 127  
200 *Aquilegia canadensis* 'Corbett' pale yellow 30-45cm 6  
201 *Aquilegia chrysantha* yellow 30-120cm >  
202 *Aquilegia discolor* blue/white 10-20cm >  
203 *Aquilegia ecalcarata* purplish pink to 40cm 11  
204 *Aquilegia ecalcarata* 'Flore-Pleno' double wine-purple to 40cm 96  
205 *Aquilegia flabellata* blue/lilac 20-30cm 16 60  
206 *Aquilegia flabellata* blue/white 20-30cm 27 81 93  
207 *Aquilegia flabellata* white 20-30cm 16 125  
208 *Aquilegia flabellata* Cameo Series pink/blue 15cm 138  
209 *Aquilegia flabellata* v *pumila* blue/white 15cm >  
210 *Aquilegia flabellata* v *pumila* blue/white 7.5cm 101  
213 *Aquilegia grahamii* red/yellow 20-50cm 57 101  
214 *Aquilegia grahamii* hybrids 20-25cm 55  
215 *Aquilegia* hybrid (filled flowers) dark purple 40cm 60  
217 *Aquilegia jonesii* hybrid blue/white 15cm 29  
219 *Aquilegia laramiensis* cream/white 5-25cm 28 101 177  
220 *Aquilegia laramiensis* (isolated plant) 43  
221 *Aquilegia pyrenaica* deep blue/lilac 10-30cm 137  
223 *Aquilegia saximontana* blue/cream 5-25cm >  
225 *Aquilegia scopulorum* blue/white 5-30cm 138  
227 *Aquilegia* sp blue/white 15-20cm 28  
228 *Aquilegia* sp double white 50-60cm 35  
229 *Aquilegia* sp double yellow 30  
230 *Aquilegia viridiflora* dark purplish brown/greenish 15-50cm 64 139  
231 *Aquilegia vulgaris* blue 30-90cm 21  
232 *Aquilegia vulgaris* white/short spurs 38-60cm 169  
233 *Aquilegia vulgaris* v *stellata* 'Black Barlow' dark purple-black to 75cm 66 125  
234 *Aquilegia vulgaris* v *stellata* 'Nora Barlow' rose pink/cream-pale green 60-90cm 9  
237 *Arabis collina* pink 10-15cm 8  
238 *Arctostaphylos rudis* white 1-2m 188  
239 *Arenaria grandiflora* white 5-15cm 27 101  
240 *Arenaria kotschyana* white 5-20cm 100  
241 *Arenaria norvegica* white 3-7cm 121  
242 *Argemone albiflora* ssp *albiflora* white 40-100cm 133  
243 *Argemone mexicana* bright-pale yellow flr/blue-green lvs to 1m 122  
244 *Argemone ochroleuca* lemon yellow flr/blue-green lvs 30-100cm 122  
245 *Arisaema amurense* green/carmine w/white stripes to 50cm 77 119  
246 *Arisaema consanguineum* green/purple-brown 90-180cm 81  
250 *Arisaema flavum* yellow 30-75cm 81 190  
252 *Arisaema flavum* ssp *abbreviatum* (hort) yellow to 70cm 190  
253 *Arisaema heterophyllum* yellow green-purple tinged to 100cm 77 90 179  
254 *Arisaema jacquemontii* green/white to 80cm 195  
257 *Arisaema triphyllum* all green 60-90cm 43  
258 *Arisaema triphyllum* green/purple w/white stripes 60-90cm 43 66  
260 *Aristea capitata* pink to 1.5m 22  
261 *Aristolochia fimbriata* yellow-green/brown flr/silver-veined lvs 15-30cm 175  
262 *Aristolochia manshuriensis* yellow-green 2.4-6m 195  
264 *Armeria* 'Joystick' rose/pink to 40cm 39  
265 *Armeria juniperifolia* pink 5-15cm 181  
266 *Armeria maritima* pink-white 2-30cm 74 133  
267 *Armeria maritima* (ex *Dolomites*) pink 20cm 138  
268 *Armeria maritima* 'Dusseldorfer Stolz' deep pink 10-20cm 156 169  
269 *Armeria maritima* 'Rubrifolia' rose-pink flr/burgundy lvs 15-20cm 74 88  
270 *Armeria maritima* ssp *sibirica* (ex *RMRP*) pink 20cm 29  
271 *Armeria maritima* 'Victor Reiter' pink 5-10cm 89  
273 *Arnoglossum atriplicifolium* white 1-3m 102  
274 *Artemisia indica* v *momiyamae* white 1m 10  
275 *Artemisia porteri* pale yellow flr/silver woolly lvs 8-14cm 177  
276 *Arthropodium candidum* 'Purpureum' white flr/purple-bronze lvs 10-30cm 173  
277 *Arum italicum* cream-light green flr/red frt 30-45cm 179  
279 *Arum italicum* ssp *italicum* 'Marmoratum' cream flr/orange-red frt/white vein lvs 30-45cm 53  
280 *Arum maculatum* greenish w/dark spots spathe/yellow frt 30cm 193  
282 *Aruncus aethusifolius* cream 20-40cm 74 176  
283 *Aruncus dioicus* 'Zweiweltenkind' cream white to 75cm 177  
284 *Asarina procumbens* cream/yellow 5-7cm 48 144  
285 *Asarum canadense* (moist packed) pale green/purple 6-20cm 186  
286 *Asarum europaeum* (moist packed) purple-brown 10-15cm 186  
287 *Asarum hartwegii* (moist packed) reddish-brown 9-21cm 186  
288 *Asclepias incarnata* pink-mauve 1-1.5m >  
289 *Asclepias incarnata* white to 1.5m 21  
291 *Asclepias tuberosa* orange 30-100cm 74 80 187  
292 *Asimina triloba* maroon flr/large green frt to 11m 156  
293 *Asphodeline damascena* white flr/blue-green lvs 45-170cm 146  
294 *Asphodeline liburnica* yellow 60-100cm 157  
295 *Asphodeline lutea* yellow 90-120cm 107 177  
296 *Asphodeline taurica* (ex *Bolkar Dag*, Turkey) white flr/grey lvs 30-40cm 199  
297 *Asphodelus aestivus* white 50-150m 19  
298 *Asphodelus albus* white/pink-veined 50-120cm 38  
299 *Asphodelus ramosus* white/brown mid-veins 100-200cm 65  
300 *Aster alpinus* mix 15-30cm 25 150  
303 *Aster alpinus* 'Pinkie' deep pink 20-30cm 100  
304 *Aster diplostephioides* mauve-purple/lilac-blue 13-57cm 19  
305 *Aster frikartii* (x) violet-blue 30-90cm 177  
307 *Aster likiangensis* bluish-lavender purple 3-20cm 44 94  
309 *Astilbe biternata* white 90-180cm 130  
310 *Astragalus utahensis* bright pink-purple flr/woolly lvs 5-10cm 54  
311 *Astrantia* 'Star of Billion' white/green tips 55-65cm 34  
312 *Astrantia bavarica* greenish-white to 30cm 34  
313 *Astrantia major* red 60cm 20  
314 *Astrantia major* white 60-80cm 106  
316 *Asyneuma campanuloides* dark bluish-violet 30-50cm 60  
317 *Athyrium nipponicum* v *pictum* grey-green/reddish midrib lvs 30-75cm 189  
320 *Aurinia saxatilis* golden yellow 10-30cm 15 70 169  
321 *Babiana ringens* mix 25cm 188  
322 *Ballota acetabulosa* pink flr/woolly grey lvs to 50cm 164  
323 *Ballota hispanica* rosy-purple 40-80cm 164  
324 *Baptisia australis* blue-violet flr/blue-black frt to 1.5m >  
325 *Baptisia perfoliata* yellow flr/blue-grey lvs 60-90cm 187  
326 *Barnardia* (*Scilla*) *japonica* rose purple/pink 7-20cm 69  
328 *Beesia calthifolia* white 14-58cm 75  
330 *Begonia boliviensis* bright orange/red 30-45cm 63  
331 *Begonia grandis* ssp *sinensis* pink 20-40cm 38  
333 *Bellevalia paradoxa* blackish-blue 12-20cm 29  
334 *Bellevalia romana* creamy white to 30cm 24 32  
335 *Berberis nevinii* yellow flr/red frt 1-4m 188  
336 *Berchemia scandens* greenish-white flr/blue frt 6-18m 135  
338 *Berkheya purpurea* pale-deep mauve to 1m 167  
339 *Berlandiera lyrata* yellow/red-maroon center 10-60cm 168  
341 *Beta trigyna* greenish-white to 100cm 177  
342 *Betula lenta* to 20m 120  
344 *Betula utilis* v *jacquemontii* to 20m 2  
345 *Billardiera longiflora* greenish-yellow flr/purple frt 2-3m 43  
346 *Bletilla striata* mix pink/white 18-60cm 81  
347 *Bletilla striata* pink/white/blue/violet 18-60cm 115  
348 *Boechera* (*Arabis*) sp (ex *Horseshoe Mtn*, *Mosquito Range*, CO) 177  
349 *Boehmeria platanifolia* white 90-150cm 196  
350 *Boehmeria sieboldiana* tan to 180cm 196  
351 *Boehmeria spicata* 50-100cm 196  
352 *Boehmeria tricuspidata* red 50-150cm 147 196

- 353 *Brimeura amethystina* deep-pale blue 10-15cm 119  
354 *Brimeura amethystina* sky blue 20cm 157  
355 *Brimeura amethystina* white 10-15cm 119  
356 *Brodiaea californica* white-pale lilac 20-70cm 18  
357 *Brodiaea coronaria* (ex NNS 02-68) 126  
358 *Brodiaea elegans* bluish purple-violet 10-50cm 114  
359 *Browallia americana* blue-violet/white center to 60cm 189  
360 *Bukiniczia cabulica* pink flr/white veined lvs to 30cm 87 177  
361 *Bulbinella hookeri* yellow 40-90cm 105  
362 *Bupleurum longifolium* green-gold 50-90cm 157  
363 *Calandrinia acaulis* white/deep pink 2-5cm 55 100  
366 *Calceolaria biflora* yellow 10-45cm 48 68  
367 *Calceolaria chelidonioides* yellow 30-50cm 49  
368 *Calceolaria filicaulis* yellow 15-25cm 173  
369 *Calceolaria* 'John Innes' yellow/purple spots 10-20cm 20  
370 *Calliandra californica* red 60-180cm 46  
371 *Calliandra eriophylla* pink to 60cm 46  
374 *Callicarpa americana* purple-violet frt 1-2m 133  
375 *Callicarpa dichotoma* pink-white flr/purple frt 1-2m 174 189  
376 *Callicarpa japonica* pink-white flr/violet-purple frt 1.2-1.8m 116  
377 *Callirhoe bushii* magenta-pale red 48-140cm 80  
378 *Callirhoe involucrata* magenta 15-30cm 88 89 156  
379 *Callistemon* sp 'Red Hybrid' red 20  
380 *Callitris rhomboidea* to 15m 20  
381 *Calochortus albus* deep rose 20-80cm 20 163  
382 *Calochortus amabilis* yellow 10-50cm 18 141  
383 *Calochortus argillosus* white/purple 40-60cm 141  
384 *Calochortus catalinae* white-lilac 20-60cm 26  
386 *Calochortus luteus* deep yellow/red-brown 20-50cm 46  
387 *Calochortus splendens* lavender-purple 20-60cm 141  
388 *Calochortus superbus* whitish-lavender/purple 40-60cm 145  
389 *Calochortus uniflorus* white-pink 5-10cm 26  
390 *Calochortus weedii* orange-yellow 30-90cm 31  
391 *Calopogon tuberosus* pink-magenta 10-60cm 81  
393 *Calylophus lavandulifolia* (ex Fruitland, UT) yellow 10-20cm 54  
394 *Calylophus serrulatus* yellow 15-45cm 139  
395 *Camassia leichtlinii* blue-violet 20-130cm 31  
400 *Campanula armena* light blue to 40cm 177  
401 *Campanula aucheri* violet-blue 5-15cm 54  
402 *Campanula barbata* pale-deep blue 10-30cm 62  
403 *Campanula bayerniana* blue 5-15cm 105  
404 *Campanula betulifolia* white/pink bud 10-20cm 54  
405 *Campanula* 'Blue Orb' blue 15-20cm 169  
406 *Campanula calaminthifolia* blue-white flr/grey-green lvs 5-10cm 54  
407 *Campanula carpatha* rich-violet blue flr/dark grey-green lvs to 20cm 54  
408 *Campanula carpatica* blue/white mix 15-30cm 39  
409 *Campanula carpatica* 'Blue Clips' blue-purple 20cm 192  
410 *Campanula carpatica* 'Rapido Blue' violet-blue 15-20cm 169  
411 *Campanula cervicaria* pale blue 30-100cm 36  
412 *Campanula choruhensis* white/flushed pink 10-15cm 54  
413 *Campanula coriacea* lilac 5-15cm 54  
415 *Campanula glomerata* 'Acaulis' violet 15-20cm 172  
416 *Campanula hofmannii* creamy white 30-60cm 49 75 97  
417 *Campanula incurva* pale blue-lilac to 30cm >  
418 *Campanula incurva* white to 30cm 166  
419 *Campanula lactiflora* blue to 120cm 185  
420 *Campanula latifolia* purplish blue 60-120cm 33 34 185  
421 *Campanula latiloba* mix blue/white to 80cm 69  
422 *Campanula medium* mauve 60-80cm 21  
423 *Campanula nitida* blue 10-25cm 36  
424 *Campanula pelia* pale violet-blue to 15cm 54 68  
425 *Campanula persicifolia* violet-blue 30-90cm 104  
427 *Campanula punctata* v *punctata* pink-purple/white 20-100cm 120  
428 *Campanula* 'Ringsabell Indigo Blue' bluish-purple 15-40cm 169  
429 *Campanula* 'Ringsabell Mulberry Rose' rose pink 15-40cm 169  
430 *Campanula rotundifolia* pale-mid violet-blue 10-50cm 48  
431 *Campanula rumeliana* lilac-blue to 30cm 111 199  
432 *Campanula sarmatica* lilac-blue flr/grey woolly lvs to 50cm 137  
434 *Campanula scheuchzeri* pale-deep blue-purple 10-25cm 16  
435 *Campanula thyrsoidea* pale yellow-cream 20-40cm 173  
436 *Campanula thyrsoidea* ssp *carniolica* white 40-100cm 87  
437 *Campanula troegerae* (ex Turkey) white flr/grey hairy lvs 10-15cm 199  
438 *Campanula troegerae* x *choruhensis* white flr/pink buds 10-15cm 100  
439 *Campanula versicolor* lilac/purple 20-40cm 173  
441 *Campanula wanneri* violet 30cm 54 155  
442 *Campanula zangezura* lavender-violet to 30cm 105  
443 *Capnoides* (*Corydalis*) *sempervirens* pink/yellow tip 5-80cm 72  
444 *Cardiocrinum cordatum* v *glehnii* (hort) greenish-white 1.5-2m 195  
445 *Cardiocrinum giganteum* white/streaked purple 1-3m 81 190  
446 *Cardiocrinum giganteum* v *yunnanense* white/purple-red streak 1-3m 53  
447 *Carex appalachica* 20-60cm 6  
448 *Carex eburnea* 7-30cm 6  
449 *Carex grayi* spiked club-shaped seed head 40-90cm 57 102  
450 *Carex muskingumensis* 40-100cm 74  
451 *Carlina acaulis* ssp *caulescens* silvery white 15-50cm 117  
452 *Carpenteria californica* white 1-3m 20  
454 *Catananche caerulea* lavender-blue 20-60cm 83  
457 *Centranthus ruber* 'Albus' white 45-90cm 74  
458 *Cephalanthus occidentalis* white-pale yellow 1-3m 189  
459 *Cephalaria gigantea* pale yellow 120-180cm 158  
460 *Cerastium alpinum* v *lanatum* white flr/woolly lvs 6-10cm 121  
461 *Cercis chinensis* pink 2-5m 176  
463 *Chaenorhinum glareosum* violet-lilac to 30cm 54  
464 *Chaenorhinum organifolium* purple-violet 15-25cm 118  
465 *Chaiturus marrubiastrum* pinkish white 30-60cm 47  
466 *Chamaebatiaria millefolium* white 60-200cm 177  
467 *Chamaecrista fasciculata* yellow 15-90cm 167 172  
468 *Chasmatophyllum musculinum* yellow-orange 7-15cm 54  
470 *Chiastophyllum oppositifolium* yellow 15cm 105  
471 *Chiastophyllum oppositifolium* 'Jim's Pride' yellow flr/cream edged lvs 10-15cm 96  
472 *Chlorogalum pomeridianum* white/purple vein 60-250cm 61  
473 *Chrysanthemum makinoi* v *wakasaense* white 40-80cm 10  
474 *Cistus sintenisii* white to 25cm 51  
475 *Clarkia pulchella* fuchsia 10-50cm 86  
476 *Clematis addisonii* reddish-purple/cream tips 60-100cm 70  
477 *Clematis campaniflora* white/tinged violet 3-6m 57 120  
478 *Clematis carrizoensis* cream/lilac tinged to 3m 43  
479 *Clematis chiisanensis* (ex Ulleungdo, S. Korea) 195  
480 *Clematis cirrhosa* v *balearica* cream white/maroon speckles 4-7m 120  
483 *Clematis fremontii* pale blue-violet/purple 15-45cm 19 73  
486 *Clematis fusca* purple-brown 35-200cm 195  
487 *Clematis heracleifolia* deep blue/purple 60-90cm 177  
488 *Clematis hirsutissima* dark violet-blue 15-65cm >  
490 *Clematis hirsutissima* pink 15-65cm 131  
491 *Clematis integrifolia* blue to 1m 131  
492 *Clematis integrifolia* white to 1m 103  
493 *Clematis integrifolia* Lake Baikal Form lavender-blue 15-45cm 177 186  
494 *Clematis integrifolia* 'Rosea' pink to 1m 162  
495 *Clematis mandshurica* white 90-150cm 177  
496 *Clematis morefieldii* (ex Madison Co, AL) pink to 5m 161  
497 *Clematis occidentalis* lavender 3m 80  
500 *Clematis recta* white 60-150cm 23 83  
501 *Clematis recta* 'Purpurea' white flr/purple new lvs to 1.5m >  
502 *Clematis rehderiana* pale yellow to 7.7m 62 120  
504 *Clematis scottii* dark violet-blue 15-65cm >  
505 *Clematis serratifolia* yellow 4-5m 192  
506 *Clematis* sp hybrid lavender 149  
507 *Clematis stans* pale purple-blue/white 50-100cm 196  
508 *Clematis texensis* rose-red/scarlet to 3m 85  
509 *Clematis tibetana* yellow/brown-purple 3-4m 44  
510 *Clematis viorna* pink/cream to 4m 143  
511 *Clematis viorna* red/cream to 4m 93  
512 *Clematis viorna* reddish purple/cream-yellow tip to 4m >  
513 *Clematis viticella* blue-violet/rose-violet 2-4m 69  
514 *Clematis viticella* hybrid 68  
515 *Cleome hirta* purplish-pink to 1.6m 167  
516 *Cleome houtteana* lavender to 150cm 90  
517 *Cleome houtteana* pink to 150cm 90  
518 *Cleome houtteana* white to 150cm 90  
519 *Clethra alnifolia* 'Ruby Spice' rose-pink 120-180cm 189  
520 *Clianthus puniceus* red/pink 0.8-3m 20  
523 *Codonopsis bomiensis* pale yellow-green/purple veins to 2m 50  
524 *Codonopsis clematidea* pale blue/dark veins/purple spots 50-100cm 62 177

- 526 *Codonopsis forrestii* pale blue/blue-purple 1-3m 20  
527 *Codonopsis kawakamii* greenish yellow/pale blue to 1.5m 185  
528 *Codonopsis lanceolata* greenish-cream/purple inside to 1.5m >  
529 *Codonopsis meleagris* yellow-pale purple/red-purple veins 20-90cm 105  
530 *Codonopsis ovata* pale blue/purple veined 30-40cm 173  
532 *Colchicum lusitanicum* pink-lilac to 35cm 20  
533 *Colchicum macrophyllum* rosy-purple tessellated 20-40cm 20 22  
534 *Colchicum soboliferum* pink 5-15cm 186  
535 *Colchicum* sp mixed (autumn-blooming) lilac/pink/white 15-30cm 186  
536 *Colchicum speciosum* purplish-rose 8-25cm 193  
538 *Collinsonia canadensis* yellow 60-120cm 161  
539 *Collinsonia japonica* 'Snow White' white to 90cm 161  
540 *Colutea orientalis* yellow-copper red flr/grey lvs to 2m 164  
541 *Coluteocarpus vesicaria* white 4-18cm 177  
542 *Comanthosphace japonica* yellow 60-100cm 47  
543 *Commelina erecta* v *erecta* (ex Prince William Co, VA) blue 100cm 176  
545 *Consolida ajacis* blue-purple 30-80cm 149  
546 *Consolida regalis* dark blue-purple 20-60cm 172  
547 *Convolvulus boissieri* white-pink 2-10cm 54 101  
550 *Coreopsis gladiata* 'Newport' yellow to 90cm 161  
551 *Coreopsis palmata* yellow 30-80cm 139  
552 *Coreopsis tripteris* yellow 90-180cm 57  
553 *Cornus florida* 'Cherokee Chief' (moist packed) deep rose red to 9m 189  
557 *Corydalis nobilis* cream-yellow/dark tip 30-50cm 41  
558 *Corydalis ophiocarpa* pale yellow-dark tips flr/blue-grey lvs 30-50cm 14  
559 *Corydalis* sp CC 3862 yellow 30-50cm 10  
560 *Corylopsis gotoana* yellow to 5m 174  
561 *Coryphantha sulcata* yellow/red 4-12cm 180  
562 *Cotinus coggygia* 'Velvet Cloak' purple-pink flr/purple lvs to 4.5m 189  
563 *Cotoneaster melanocarpus* whitish-pink flr/purple-black frt/felted lvs 1-2m 164  
564 *Crambe maritima* white flr/blue-green lvs to 75cm 106  
565 *Cremanthodium arnicoides* yellow 10-45cm 34  
568 *Crepis pyrenaica* yellow 20-70cm 67  
569 *Crococsmia* hybrid red to 1m 63  
570 *Crococsmia* 'Vulcan' scarlet red 45-60cm 39  
573 *Crocus pulchellus* pale to mid-lilac/darker veins 12-20cm 184  
577 *Cunila origanoides* purple-lavender 20-40cm 177  
580 *Cyclamen coum* mix 10cm 32 126  
582 *Cyclamen drydeniae* (x) pink/magenta 9-15cm 126  
583 *Cyclamen graecum* dark pink 10-15cm 146  
584 *Cyclamen graecum* pink 6-16cm >  
585 *Cyclamen graecum* pink/white mix 6-16cm 63  
586 *Cyclamen hederifolium* mix 8-20cm 43 126  
587 *Cyclamen hederifolium* white 8-20cm 50 126  
594 *Cyclamen persicum* mix 13-32cm 20  
596 *Cypella coelestis* blue-lavender 60-90cm 115  
597 *Cypella herbertii* yellow 40cm 161  
598 *Cypripedium kentuckiense* ivory-pale yellow/dark red-brown mottled sepal 35-97cm 180  
599 *Daboecia cantabrica* 'Arielle' magenta to 30cm 63  
600 *Dactylicapnos* (*Dicentra*) *macrocapnos* yellow 2-8m 38  
601 *Dactylorhiza fuchsii* pale-deep pink w/deep purple spots 18-45cm 83  
602 *Dalea foliosa* purple 20-80cm 167  
603 *Dalea purpurea* rose-purple 20-90cm 4 101 172  
605 *Daphne alpina* white 40-60cm 41 50  
606 *Daphne alpina* (ex Rezia Alpine Botanical Garden) 51  
612 *Daphne oleoides* (ex Mt Vermion, Greece) white 30-60cm 51 55  
613 *Daphne pontica* ssp *haematocarpa* yellow-green flr/red frt to 1m 51 55  
615 *Daubenya stylosa* greenish yellow to 5cm 46  
618 *Delosperma nakurense* white/pink 10-60cm 70  
619 *Delosperma napiforme* white 7cm 70  
620 *Delosperma sutherlandii* rose-purple 5-10cm 54  
621 *Delphinium carolinianum* 'Bastrop' pure blue 60cm 161  
623 *Delphinium elatum* blue/purple 40-200cm 15  
624 *Delphinium exaltatum* pale lavender/purple 70-200cm 45 58  
625 *Delphinium grandiflorum* blue 30-65cm 15 16 129  
626 *Delphinium likiangense* blue 10-50cm 173  
627 *Delphinium pavonaceum* white-cream/bluish 30-90cm 43  
628 *Delphinium pylzowii* blue-purple/bluish-grey 20-55cm 177 192  
629 *Delphinium pylzowii* cobalt blue 20-40cm 64  
632 *Delphinium speciosum* dark blue 10-60cm 60 173  
633 *Deschampsia cespitosa* 20-100cm 57  
634 *Desmodium canadense* purple-pink 90-180cm 57  
636 *Dianthus armeria* pink to 40cm 169  
639 *Dianthus barbatus* mix 30-60cm 15 55  
640 *Dianthus callizonus* pink-carmine 5-10cm >  
641 *Dianthus campestris* pink 20-40cm 117  
642 *Dianthus carthusianorum* pink-purple to 60cm 2 169  
643 *Dianthus chinensis* lavender blue 30-50cm 87  
644 *Dianthus chinensis* magenta/pink/white 30-50cm 104  
645 *Dianthus chinensis* 'Siberian Blue' lavender-blue/reddish-violet to 30cm 69 169  
646 *Dianthus cruentus* red-purple to 60cm 87  
647 *Dianthus deltoides* bright pink 15-25cm 33  
648 *Dianthus deltoides* red 15-25cm 2  
649 *Dianthus deltoides* white/red eye 15-25cm 33  
650 *Dianthus deltoides* 'Arctic Fire' white/red-pink eye 15-20cm 169  
651 *Dianthus deltoides* 'Brilliant' crimson/scarlet red 15-20cm 169  
652 *Dianthus deltoides* 'Zing Rose' rose-red 10-20cm 169  
654 *Dianthus giganteus* purple-pink to 1m 87 177  
655 *Dianthus gratianopolitanus* deep rose-pink flr/blue-green lvs 6-25cm 72 121  
656 *Dianthus haematocalyx* pink purple 10-25cm 100  
659 *Dianthus knappii* soft yellow to 40cm 177  
660 *Dianthus* 'Little Jock' pink/red 10-15cm 169  
661 *Dianthus longicalyx* red/pink 30cm 194  
663 *Dianthus myrtinervius* bright pink 10-20cm 20 125  
664 *Dianthus nitidus* deep pink 7-15cm 28 177  
665 *Dianthus pavonius* pink-purple 2-25cm 87 100 121  
666 *Dianthus petraeus* white 5-15cm 87  
667 *Dianthus petraeus* ssp *noeanus* white 10-15cm 68  
668 *Dianthus plumarius* pink/red 30-40cm 15  
669 *Dianthus rupicola* ssp *rupicola* pink 30-60cm 164  
670 *Dianthus scardicus* red 10cm 114  
671 *Dianthus simulans* rose-pink 2-5cm 20  
672 *Dianthus* sp pink 30cm 57  
674 *Dianthus subacaulis* pale-carmine pink 3-20cm >  
675 *Dianthus superbus* pink 25-45cm 97 157  
676 *Dianthus superbus* pure white 25-60cm 125  
680 *Dicentra formosa* rose-purple/pink 25-40cm 43  
681 *Dicentra formosa* ssp *oregona* cream/pale yellow 25-40cm 43  
683 *Dichelostemma ida-maia* red/green 30-90cm 43  
684 *Dierama pauciflorum* bright pink-reddish 30-60cm 62  
685 *Dierama reynoldsii* deep magenta-purple flr/silver bract 1-2m 31  
686 *Dieteria* (*Aster*) *canescens* v *glabra* blue-purple to 100cm 72  
687 *Dietes grandiflora* white/violet to 1.5m 20  
688 *Digitalis ciliata* pale yellow 30-60cm 60  
689 *Digitalis ferruginea* pale yellow-golden brown/rusty 90-150cm 53  
690 *Digitalis grandiflora* pale yellow 70-120cm >  
691 *Digitalis lamarckii* cream-white/purplish-brown veins 25-80cm 64  
692 *Digitalis lutea* pale yellow 60-90cm >  
693 *Digitalis mariana* rose-purple flr/grey felted lvs 40-140cm 177  
694 *Digitalis obscura* rusty dark orange/green-yellow 30-60cm 101 177  
695 *Digitalis parviflora* reddish brown 30-60cm 63  
696 *Digitalis parviflora* 'Milk Chocolate' reddish-brown 60-90cm 50  
697 *Digitalis purpurea* purple-pink 1-2m 53  
698 *Digitalis purpurea* white 1-2m 36  
699 *Digitalis thapsi* pink flr/woolly lvs 30-60cm 177  
700 *Digitalis thapsi* 'Spanish Peaks' rose-pink 45-60cm 130  
701 *Digitalis trojana* whitish/reddish-brown veins 30-80cm 96  
702 *Digitalis viridiflora* yellow-green 60-90cm 45 125  
703 *Dimorphotheca cuneata* white to 100cm 164  
704 *Dimorphotheca pluvialis* whitish/bluish-purplish reverse 5-20cm 188  
706 *Diplarrena moraea* white 50-100cm 126  
707 *Diplazium pycnocarpon* 30-75cm 124  
708 *Dodecatheon dentatum* white 15-40cm 157  
709 *Dodecatheon jeffreyi* magenta-lavender/cream 10-60cm 130  
710 *Dodecatheon jeffreyi* (ex NNS 06-195) 126  
711 *Dodecatheon meadia* mix 10-50cm 182  
712 *Dodecatheon meadia* pink 10-50cm 130 192  
713 *Dodecatheon meadia* white 10-50cm >  
714 *Dodecatheon pulchellum* magenta-lavender 10-45cm >  
715 *Doronicum pardalianches* yellow to 90cm 97  
717 *Draba aizoides* yellow 5 -10cm >

- 718 *Draba arabisans* white 7-30cm 156  
719 *Draba borealis* white 10-36cm 177  
720 *Draba bruniifolia* yellow 1-8cm 121  
722 *Draba bryoides* yellow 3-5cm 60 72  
723 *Draba cappadocica* yellow 5-10cm 101  
725 *Draba cuspidata* yellow 5-10cm 41  
726 *Draba dedeana* white 5-8cm 101  
727 *Draba hispanica* yellow 2-10cm >  
728 *Draba hispanica* (aff) yellow 2.5cm 89  
729 *Draba incerta* yellow flr/hairy lvs 4-14cm 27 186  
730 *Draba lasiocarpa* yellow 5-20cm 34 162  
732 *Draba novolympica* bright yellow to 4cm 186  
733 *Draba oligosperma* yellow/cream white 2-10cm 72 101  
734 *Draba paysonii* pale yellow 3cm 27 72 74  
735 *Draba polytricha* bright yellow 1-5cm 55 101  
737 *Draba smithii* (aff) white flr/twisted seed capsule 2.5-5cm 180  
738 *Draba* sp yellow 3cm 81  
739 *Draba streptocarpa* yellow 4-25cm 177  
740 *Draba subcapitata* white-cream 1-5cm 170  
742 *Dracocephalum moldavica* bluish purple 22-40cm 15  
743 *Dracocephalum renati* creamy white 20-25cm 177  
744 *Dracocephalum ruyschiana* blue-purple 15-25cm 89  
748 *Dryas suendermannii* (x) cream 10cm 83  
749 *Drymocallis* (*Potentilla*) *arguta* creamy white-yellowish 30-100cm 139  
750 *Drymocallis* (*Potentilla*) *glandulosa* yellow/cream-white 20-60cm 55  
751 *Drymocallis* (*Potentilla*) *rupestris* white 18-45cm 9 121  
752 *Drymocallis* (*Potentilla*) *rupestris* 'Nana' white 7-12cm 107  
753 *Dudleya pulverulenta* red 30-100cm 146  
756 *Echeandia chandleri* 'Sierra Chiquita' golden yellow to 120cm 161  
757 *Echeandia texensis* yellow 55-105cm 175  
758 *Echeandia texensis* 'Loma del Potrero Cerdado' yellow to 150cm 161  
760 *Echinacea pallida* pink-purple to 1.4m 140  
761 *Echinacea purpurea* 'Cheyenne Spirit' yellow/red/orange shades 40-75cm 67  
762 *Echinocereus reichenbachii* (giant form) 177  
763 *Echinocereus reichenbachii* ssp *baileyi* pink-magenta 7.5-30cm 72  
764 *Echinocereus triglochidiatus* orange-red 5-70cm 72  
765 *Echinocereus triglochidiatus* x *fendleri* 177  
766 *Echinocereus triglochidiatus* x *reichenbachii* ssp *baileyi* very pink 15cm 72  
767 *Echinops ritro* steel blue 90-120cm 112 132  
768 *Echinops sphaerocephalus* white-pale blue 100-200cm 177  
769 *Echinops sphaerocephalus* 'Arctic Glow' white flr/red stems 80-120cm 120  
771 *Echium vulgare* blue-purple 30-90cm 177  
772 *Edraianthus graminifolius* blue-violet 5-10cm 60  
774 *Edraianthus pumilio* violet-blue flr/silver lvs 1-3cm 100  
775 *Edraianthus* sp 60  
776 *Edraianthus tenuifolius* blue-violet 5-20cm 27 111  
777 *Elmera racemosa* white/cream 10-35cm 1 36  
778 *Elymus hystrix* 60-120cm 151 154  
779 *Epilobium canum* reddish to 60cm 178  
780 *Epilobium canum* (tall form) scarlet to 1m 63  
781 *Epilobium canum* ssp *canum* red-orange 30-60cm 108 184  
782 *Epilobium canum* ssp *latifolium* red-orange 10-50cm 108 177  
783 *Epipactis gigantea* greenish-rose/red-brown 30-100cm 157  
784 *Eragrostis spectabilis* reddish-purple 30-70cm 5  
786 *Eranthis hyemalis* yellow to 15cm 47 83 184  
787 *Eranthis hyemalis* (moist packed) yellow 5-15cm 95 186  
788 *Eranthis hyemalis* 'Grunling' yellow/green stripes to 15cm 184  
789 *Eranthis hyemalis* 'Orange Glow' orange-deep yellow 5-15cm 119 184  
792 *Eremogone* (*Arenaria*) *kingii* white/rarely pink 3-20cm 54  
793 *Eremurus luteus* (ex Iran) 60  
794 *Eremurus robustus* pale pink-white 2.5-3m 107 177  
795 *Eremurus stenophyllus* yellow 30-150cm 177  
796 *Erigeron arenarioides* blue 6-25cm 101  
797 *Erigeron aureus* yellow flr/woolly grey lvs 1-15cm 33 174  
798 *Erigeron caespitosus* white 5-25cm 170  
799 *Erigeron compositus* mix 5-15cm 72 177  
800 *Erigeron compositus* white 5-15cm 27 108  
801 *Erigeron compositus* 'Red Desert' white 5-10cm 27 154  
802 *Erigeron glaucus* 'Olga' lavender to 30cm 177  
803 *Erigeron leiomerus* blue 4-12cm 89  
804 *Erigeron leiomerus* pink 4-12cm 16  
805 *Erigeron linearis* yellow flr/greenish-white lvs 5-15cm 72  
806 *Erigeron ochroleucus* white-pinkish 8-18cm 101  
807 *Erigeron pinnatisectus* light blue-purplish 4-11cm 63  
808 *Erigeron pinnatisectus* mauve 4-11cm 33  
809 *Erigeron* sp yellow flr/white pubescent lvs 20cm 143  
810 *Erigeron tweedyi* (cf) 177  
811 *Erigeron uncialis* white-pink flr/hairy lvs 1-7cm 101  
812 *Erigeron ursinus* pink-bluish purple 5-25cm 177  
813 *Erinus alpinus* mix 10-15cm 105  
814 *Erinus alpinus* rose-pink 10-15cm 55  
815 *Erinus alpinus* violet 10-15cm 36  
816 *Erinus alpinus* white 10-15cm 55 63  
817 *Eriogonum allenii* yellow 30-50cm 177  
819 *Eriogonum nudum* white/yellow-pale pink/rose 10-150cm 177  
820 *Eriogonum pulchrum* white-rose/greyish lvs 8-15cm 177  
821 *Eriogonum umbellatum* 'Shasta Sulfur' lemon yellow to 30cm 177  
822 *Eriogonum umbellatum* v *aureum* 'Kannah Creek' yellow turns orange/purple-red winter lvs 30-40cm 177  
824 *Eriogonum umbellatum* v *subaridum* bright yellow 10-30cm 54  
825 *Eriophyllum lanatum* yellow flr/woolly grey lvs 30-60cm 101  
828 *Erodium lindavicum* (x) mix pink/white flr to 45cm 71  
829 *Eryngium alpinum* blue 30-70cm 34  
830 *Eryngium bourgatii* silver-blue 15-45cm 120  
831 *Eryngium bourgatii* 'Oxford Blue' deep blue/silvery blue bracts to 40cm 82  
832 *Eryngium giganteum* bluish-silver to 120cm 48 120 177  
833 *Eryngium pandanifolium* pale green-pinkish purple flr/grey-green lvs 90-180cm 161  
834 *Eryngium paniculatum* greenish white to 240cm 115  
835 *Eryngium planum* silvery blue to 60cm 115  
836 *Eryngium yuccifolium* 'Kershaw Blue' tan flr/powder-blue lvs 60-150cm 161  
837 *Erysimum alpinum* (hort) yellow 25cm 15  
838 *Erysimum arenicola* yellow 4-30cm 172  
839 *Erysimum cheiri* (x) yellow 15-60cm 15  
840 *Erysimum marshallii* (x) orange to 50cm 15  
841 *Erythronium californicum* 'White Beauty' white 10-30cm 163  
842 *Erythronium oregonum* cream-white 15-40cm 55 118  
843 *Erythronium oregonum* ssp *oregonum* (ex NNS 01-202) 126  
844 *Erythronium revolutum* bright pink 15-40cm 63  
845 *Erythronium revolutum* violet-pink 15-40cm 50 55 184  
846 *Erythronium revolutum* 'Knightsayes Pink' pink flr/mottled lvs 25cm 96  
847 *Erythronium sibiricum* rose purple 16-20cm 29 59  
848 *Eschscholzia californica* cream 5-60cm 165  
849 *Escobaria missouriensis* yellow-green/pinkish brown 8cm 72  
850 *Escobaria sneedii* mix 3-27cm 72  
851 *Escobaria vivipara* (ex Fremont, UT) 54  
852 *Escobaria vivipara* v *arizonica* pink 7-20cm 72  
853 *Eucalyptus leucoxydon* 'Rosea' pink to 16m 20  
854 *Euonymus americanus* pale green flr/red-orange frt 2-3.5m 38  
855 *Eupatorium serotinum* white 50-150cm 113  
856 *Euphorbia lathyris* yellow-green to 1.5m 177  
859 *Exochorda macrantha* (x) 'The Bride' white to 1.2m 168 176  
860 *Ferula communis* yellow 90-180cm 120  
861 *Ferula glauca* yellow flr/blue-grey lvs 2-3m 177  
862 *Fessia* (*Scilla*) *hohenackeri* pale blue 5-20cm 177  
863 *Festuca californica* 'Serpentine Blue' blue-grey lvs 45-120cm 188  
864 *Fibigia clypeata* yellow flr/grey woolly lvs 15-75cm 45 50 148  
865 *Fibigia eriocarpa* yellow 30-75cm 32  
867 *Filipendula camtschatica* white to 3m 195  
868 *Filipendula ulmaria* white 80-100cm 15  
869 *Filipendula vulgaris* creamy white 30-90cm 16  
871 *Franklinia alatamaha* creamy white 5-7m 102  
872 *Freesia alba* white/purple-yellow flush 12-40cm 40  
873 *Freesia grandiflora* red to 60cm 40  
874 *Freesia laxa* red 20-35cm 180  
875 *Freesia laxa* 'Joan Evans' white/red eye to 30cm 20  
876 *Freesia leichtlinii* cream 8-20cm 40  
877 *Fritillaria acmopetala* yellowish green-purplish brown 30-70cm >  
879 *Fritillaria camtschaticensis* greenish-brown/brownish-purple 20-60cm 29 195  
881 *Fritillaria conica* yellow 7-25cm 24  
882 *Fritillaria davisii* purple/brown-yellow 12-30cm 20  
883 *Fritillaria imperialis* mix 40-100cm 22 163

- 884 *Fritillaria imperialis* orange-red 40-100cm 8 168  
885 *Fritillaria meleagris* mix 15-40cm 29  
886 *Fritillaria meleagris* purple checkered 15-40cm 30 53  
887 *Fritillaria meleagris* white 15-40cm 29  
888 *Fritillaria orientalis* reddish-brown checkered 15-40cm 38  
889 *Fritillaria pallidiflora* pale yellow 15-45cm >  
890 *Fritillaria pontica* pale green/maroon tinged 15-45cm 43 157 163  
891 *Fritillaria pyrenaica* brownish-purple/yellow-greenish 15-40cm 43 157  
892 *Fritillaria raddeana* pale yellow 50-80cm 18  
894 *Fumana procumbens* yellow 10-30cm 107  
895 *Gaillardia grandiflora* (x) 'Burgunder' deep red 60-90cm 33  
896 *Gaillardia grandiflora* (x) 'Kobold' red/yellow tips 30-40cm 33 142  
897 *Galanthus nivalis* white/green blotch 7-20cm 186  
899 *Galium fruticosum* whitish-yellow 35-90cm 164  
900 *Gaultheria procumbens* white flr/red frt 5-20cm 186  
902 *Geissorhiza splendidissima* dark purple-blue 8-20cm 191  
903 *Gelasine elongata* bright blue-violet flr/grey-green lvs to 60cm 161 175  
904 *Genista sagittalis* yellow 10-50cm 168  
905 *Gentiana acaulis* blue 2-8cm 99 177  
906 *Gentiana acaulis* 'Undulatifolia' blue flr/wavy-edged lvs 2-8cm 88 140  
908 *Gentiana andrewsii* dark blue 30-60cm 49  
909 *Gentiana andrewsii* white 60cm 156  
910 *Gentiana asclepiadea* deep blue 60-90cm >  
911 *Gentiana asclepiadea* mix 30-80cm 83  
912 *Gentiana asclepiadea* white 60-90cm 41 76  
913 *Gentiana asclepiadea* 'Knights Hayes' deep blue 30-60cm 16 41  
914 *Gentiana asclepiadea* 'Rosea' pink-rose 30-60cm >  
915 *Gentiana boissieri* blue 4-10cm 16  
916 *Gentiana cachemirica* blue 10-25cm 16 20 169  
917 *Gentiana calycosa* deep blue 5-30cm 173  
918 *Gentiana catesbaei* blue 20-60cm 161  
919 *Gentiana clausa* blue-purple 30-60cm 2  
920 *Gentiana cruciata* violet-blue 20-40cm 2  
921 *Gentiana kirilowii* (nv) (ex Kazakhstan) 177  
922 *Gentiana lutea* yellow 1-2m 41 105  
923 *Gentiana macrophylla* blue-purple 30-60cm 173  
924 *Gentiana olivieri* blue/white throat 15-30cm 16  
926 *Gentiana paradoxa* x *septemfida* blue 10-20cm 177  
927 *Gentiana parryi* blue 8-45cm 173  
928 *Gentiana saponaria* 'Rockford' blue 45cm 161  
929 *Gentiana septemfida* white 15-30cm 177  
930 *Gentiana septemfida* ssp *grossheimii* dark blue 10-15cm 16  
932 *Gentiana triflora* blue-purple 35-60cm 20 172  
933 *Gentiana triflora* white 35-60cm 20  
935 *Gentiana villosa* greenish white/purple-green veins 30-60cm 161  
937 *Gentianella bellidifolia* white/grey-violet 8-23cm 185  
938 *Gentianopsis crinita* blue 30-60cm 152  
940 *Geranium asphodeloides* pink 30-60cm 9  
942 *Geranium collinum* white 15-50cm 71  
943 *Geranium erianthum* white 30-40cm 3  
944 *Geranium incanum* 'Sugar Plum' lilac-mauve 30cm 180  
946 *Geranium maculatum* white to 60cm 6  
949 *Geranium pratense* 'Purple Haze' violet-purple flr/bronze-purple lvs 10-30cm 29  
950 *Geranium pyrenaicum* purple-violet/white 20-60cm 8  
951 *Geranium pyrenaicum* 'Bill Wallis' deep violet-blue to 35cm 9  
953 *Geranium* sp (ex Chris Chadwell 2014) rose-pink 25-30cm 39  
954 *Geranium subacutum* white 5-50cm 71  
955 *Geranium subacutum* hybrid pink 71  
956 *Geranium subargenteum* pink 71  
958 *Geranium subcaulescens* mix to 20cm 71  
959 *Geum* 'Blazing Sunset' double red to 60cm 30  
960 *Geum* Mrs. J. Bradshaw' semi-double orange-scarlet 45-60cm 39  
961 *Geum rivale* pink 25-70cm 33 45  
962 *Geum triflorum* cream/pink-purple 10-45cm 25 33  
963 *Gillenia stipulata* white 40-100cm 6 95  
964 *Gillenia trifoliata* white/pale rose 40-100cm 74 139  
965 *Gladiolus communis* reddish purple 50-100cm 157  
966 *Gladiolus dalenii* orange-red 60-200cm 108  
967 *Gladiolus dalenii* (cf) bright red 80cm 167  
968 *Gladiolus flanaganii* bright red/paler red to 30cm 39 55  
969 *Gladiolus imbricatus* reddish-violet purple 40-60cm 192  
970 *Gladiolus italicus* (ex Crete) 118  
971 *Gladiolus palustris* red-purple 30-45cm 173  
972 *Gladiolus papilio* cream-pale yellow/dusky purple 50-90cm 167  
973 *Gladiolus priorii* red 30-40cm 46  
974 *Gladiolus saundersii* salmon-scarlet/white speckles 40-90cm 115  
975 *Gladiolus tristis* cream/brown shading 40-100cm 70  
977 *Glaucidium palmatum* pink-pale purple 45-60cm 2 91 126  
979 *Glaucium flavum* yellow to 80cm 79  
980 *Glaucium grandiflorum* dark orange-red 30-50cm 46  
981 *Glaucium grandiflorum* x *flavum* hybrid orange 60-90cm 31  
982 *Glaucium* hybrid true orange flr/blue-grey lvs 85cm 168  
983 *Glaucium* hybrids (*acutidentatum* x *corniculatum* x *flavum*) mix 177  
985 *Globularia cordifolia* pale lavender-blue 5-10cm 68  
986 *Globularia incanescens* pale blue 5-10cm 81 177  
987 *Globularia meridionalis* lavender-blue 10-15cm 94 186  
989 *Globularia spinosa* blue-purple 10-20cm 164  
991 *Globularia trichosantha* violet-blue 15-20cm 55  
992 *Gloriosa superba* 'Rothschildiana' bright red/yellow to 1.8m 81  
993 *Gymnocalycium mihanovichii* pale green-brownish yellow 4cm 175  
996 *Gypsophila fischeri* (nv) (ex Halda) pinkish white 100  
998 *Habranthus robustus* pale pink-lavender 15-30cm 40  
999 *Habranthus tubispathus* yellow-copper 10-20cm 20 175  
1001 *Haplopappus glutinosus* yellow-orange 5-15cm 88 89  
1002 *Hastingsia serpentinicola* whitish-greenish/cream 30-50cm 188  
1003 *Helenium amarum* yellow 10-100cm 5  
1004 *Helianthella quinquenervis* yellow 50-150cm 139  
1005 *Helianthemum nummularium* mix 20-30cm 177  
1006 *Helianthemum oelandicum* ssp *italicum* white 10-25cm 55  
1007 *Helianthemum* sp apricot red 15cm 20  
1008 *Helianthemum* sp red 15cm 20  
1009 *Helianthemum* sp white 15cm 20  
1010 *Helianthus divaricatus* yellow 20-150cm 139  
1011 *Helianthus giganteus* yellow 1-4m 189  
1012 *Helianthus microcephalus* yellow 20-200cm 113  
1013 *Helianthus schweinitzii* yellow 1-2m 113  
1014 *Helichrysum aureum* v *scopulosum* (dwarf form) yellow 177  
1015 *Helichrysum felinum* white-pink flr/grey woolly-felted lvs to 1m 82  
1017 *Heliopsis helianthoides* yellow 80-150cm 57  
1018 *Helleborus foetidus* yellow-green 30-80cm 61  
1019 *Helleborus foetidus* (moist packed) yellow-green 30-80cm 186  
1020 *Helleborus hybridus* (x) mixed to 45cm 185  
1023 *Helleborus hybridus* (x) (moist packed) double pink 30-50cm 186  
1025 *Helleborus hybridus* (x) (moist packed) pure white to 45cm 186  
1026 *Helleborus hybridus* (x) (moist packed) white w/spots to 45cm 186  
1027 *Helleborus hybridus* (x) 'Eco Dragon's Blood' (moist packed) pink/green w/dark spots to 45cm 186  
1030 *Helleborus lividus* ssp *corsicus* pale green-cream 45-90m 9  
1031 *Helleborus orientalis* pink to 45cm 104  
1032 *Helonias bullata* purplish pink 10-60cm 158  
1034 *Hemiboea subcapitata* white/purple spotted 10-40cm 38  
1036 *Hepatica nobilis* (moist packed) blue 10-15cm 81  
1037 *Hepatica nobilis* 'Poland' (nv) mid-blue 184  
1039 *Herbertia lahue* bluish purple-violet 8-15cm 191  
1040 *Hesperaloe parviflora* rosy red-salmon 1-2.5m 168  
1041 *Hesperanthera falcata* white-yellow/red-brown reverse 25-30cm 17  
1042 *Hesperanthera humilis* deep pink-reddish 3-8cm 191  
1043 *Hesperanthera oligantha* bright pink-purple 6-10cm 191  
1044 *Hesperanthera pauciflora* pink-purple 8-24cm 126 191  
1045 *Hesperis matronalis* white 40-80cm 106  
1046 *Hesperoxiphion peruvianum* yellow-orange 20-60cm 24  
1047 *Heteropappus* sp white 30m 194  
1049 *Heterotheca villosa* yellow 16-40cm 67  
1050 *Heuchera americana* 'Dale's Strain' white-pink flr/silver-bronze lvs 30-60cm 33 189  
1051 *Heuchera americana* hybrid pink flr/mint-green lvs 35cm 136  
1052 *Heuchera bracteata* greenish yellow 6-28cm 177  
1053 *Heuchera* 'Green Spice' white flr/silver lvs red veins 25-70cm 14  
1054 *Heuchera pulchella* pink 7-15cm 177  
1055 *Heuchera richardsonii* green/greenish-white 20-95cm 45  
1056 *Heuchera* sp (blooms mid-Summer through Fall) hot pink 45cm 111  
1057 *Hibiscus martianus* red 30-150cm 4  
1058 *Hibiscus moscheutos* pink to 2.5m 115

- 1059 Hieracium maculatum yellow flr/mottled lvs 10-50cm 101  
 1060 Hieracium maculatum 'Leopard' yellow flr/maroon mottled lvs 15-25cm 23  
 1061 Hieracium schmidtii yellow flr/hairy lvs 10-40cm 139  
 1062 Hieracium sp clear yellow flr/silver lvs 3-20cm 2  
 1063 Hieracium tomentosum yellow flr/white woolly lvs 10-40cm 177  
 1064 Hieracium villosum yellow flr/silver-grey woolly lvs 30-45cm 41 97 177  
 1065 Hormathophylla (Ptilotrichum) spinosa white flr/grey-green lvs 15-30cm 98 174  
 1068 Hyacinthoides hispanica pink 20-40cm 186  
 1069 Hyacinthoides non-scripta white w/blue tips 35cm 193  
 1070 Hydrangea quercifolia white to 8m 90  
 1071 Hydrangea quercifolia 'Ruby Slipper' ruby red 90-120cm 189  
 1072 Hydrastis canadensis white flr/red frt 15-50cm 45 125  
 1073 Hydrastis canadensis (moist packed) white flr/red frt 15-50cm 186  
 1074 Hypericum bellum pale yellow 30-120cm 134  
 1076 Hypericum forrestii golden yellow 30-150cm 134  
 1077 Hypericum olympicum yellow flr/grey-green lvs to 25cm 39 177  
 1078 Hypericum orientale yellow 10-30cm 55  
 1079 Hyssopus officinalis blue 30-60cm 166  
 1080 Hyssopus seravschanicus blue-violet 40-50cm 177  
 1081 Iberis sempervirens white 15-30cm 32  
 1083 Iberis umbellata white/pink/purple 30-50cm 30  
 1085 Ilex verticillata 'Winter Red' bright red frt 1.8-2.4m 189  
 1086 Impatiens balfourii pink-lavender/white 50-120cm 64 134  
 1087 Impatiens bicolor pink/yellow 26-75cm 167  
 1088 Incarvillea compacta purple-red 20-30cm 62  
 1089 Incarvillea delavayi rose-purple/pink 30-60cm 62 158  
 1090 Incarvillea delavayi 'Snowtop' white 30-45cm 126  
 1091 Incarvillea diffusa pale red/purple-red to 1.5m 46  
 1092 Incarvillea forrestii red/purple-red 15-30cm 62  
 1093 Incarvillea olgae pink-purple 100-150cm 62 177  
 1095 Indigofera bungeana 'Rose Carpet' rose pink 20-30cm 189  
 1096 Indigofera kirilowii pink 30-100cm 116  
 1097 Indigofera sp to 150cm 189  
 1098 Inula candida yellow to 30cm 164  
 1099 Inula ensifolia yellow 25-40cm 39  
 1100 Inula ensifolia 'Compacta' golden-yellow to 30cm 23  
 1101 Inula helenium yellow 50-150cm 179  
 1102 Inula verbascifolia yellow flr/silver woolly lvs to 30cm 177  
 1103 Ipomoea quamoclit red to 3m 149  
 1104 Iris aucheri white/pale-dark blue to 25cm 1 94  
 1106 Iris 'Blue Jay' (Siberian hybrid) blue to 40cm 63  
 1107 Iris bucharica yellow 20-40cm 94  
 1108 Iris Cal-Sib hybrid (Pacific Coast x Sibirica) (dwarf) white 20-25cm 174  
 1109 Iris chrysographes very dark violet 25-70cm 157  
 1110 Iris chrysographes (black-flowered) deep blackish-violet 25-70cm 105  
 1112 Iris decora violet/pale blue 10-35cm 141  
 1113 Iris delavayi (tall, robust form ex China) deep purple 200cm 105  
 1114 Iris dichotoma lavender 40-60cm 167  
 1115 Iris dichotoma violet/pale blue/cream 40-60cm 141  
 1116 Iris douglasiana mix blues/white 15-70cm 63  
 1117 Iris douglasiana (ex NNS 02-189) 126  
 1118 Iris douglasiana (hp) purple 30cm 141  
 1119 Iris ensata large white falls 174  
 1120 Iris foetidissima yellow seed form 45cm 134  
 1122 Iris gracilipes pale purple 15-30cm 148  
 1124 Iris halophila v sogdiana violet 20-60cm 37  
 1125 Iris hookeri blue 5-60cm 73  
 1126 Iris lactea pale violet-milky white 14-70cm 107 136  
 1127 Iris lactea 'Redundant' (repeat bloomer) lavender-blue to 50cm 148  
 1128 Iris latifolia blue-violet shades to 60cm 134 157  
 1130 Iris latifolia white to 50cm 157  
 1131 Iris lazica (hp) (ex BIS 2010 423) purple 38cm 141  
 1132 Iris magnifica white 30-60cm 32 194  
 1133 Iris milesii pinkish-violet/pinkish-purple 60-90cm 20 46  
 1134 Iris norrisii (x) mix 60-90cm 176  
 1135 Iris norrisii (x) pink to 90cm 122  
 1136 Iris orientalis 'Gigantea' white/yellow to 150cm 164  
 1137 Iris Pacific Coast hybrid lilac/yellow 30cm 170  
 1138 Iris Pacific Coast hybrid mix 40cm 108  
 1139 Iris Pacific Coast hybrid 'Blue Nebula' red-purple/blue 35cm 40  
 1141 Iris planifolia (hp) lavender/blue 38cm 141  
 1142 Iris prismatica pale violet/blue 30-80cm 141 148  
 1144 Iris sanguinea blue-violet/white 40-60cm 195  
 1145 Iris setosa blue/pink/white mix 15-90cm 174  
 1146 Iris setosa deep violet-blue 15-90cm >  
 1147 Iris setosa (dwarf arctica form) blue-purple 15-30cm 20 118  
 1148 Iris sibirica white 50-120cm 118  
 1149 Iris sintenisii blue-violet 20-35cm 56 117  
 1150 Iris sintenisii ssp sintenisii blue-violet 20-35cm 63  
 1151 Iris sp (spuria-type) purple 20cm 157  
 1152 Iris sp dwarf siberian form dark blue 30-40cm 63  
 1153 Iris speculatrix purple/lavender 12-40cm 141  
 1154 Iris spuria (tall hybrid) dark blue/brown/burgundy mix to 1m 63  
 1155 Iris spuria ssp maritima blue-violet/purple 20-70cm 63  
 1156 Iris tectorum bluish-violet 20-40cm 99 133 162  
 1157 Iris tectorum white 20-40cm 73 162  
 1158 Iris tenax lavender/white 15-30cm 114  
 1159 Iris typhifolia dark rich blue 50-90cm 63  
 1160 Iris versicolor (ex Ontario, Canada) violet/blue 45cm 134  
 1161 Iris versicolor 'Epic Poem' light blue 65cm 148  
 1162 Iris versicolor 'Light Verse' white/dark blue veins 50cm 148  
 1163 Iris versicolor 'Murrayana' white 60cm 148  
 1164 Iris versicolor 'Party Line' white/rose 60cm 148  
 1165 Iris versicolor 'Whodunit' white/heavily veined violet 60cm 148  
 1166 Iris zenaidae deep violet-blue 15-40cm 1 60  
 1167 Isodon trichocarpus pink 100cm 47  
 1169 Ixia viridiflora green-turquoise 50-100cm 46  
 1170 Ixiolirion tataricum light blue-dark violet 10-40cm >  
 1171 Jasionae laevis violet-blue 20-45cm 183  
 1173 Jeffersonia dubia pale lilac-blue 10-30cm 197  
 1174 Jeffersonia dubia (moist packed) pale lilac-blue 10-30cm 186  
 1175 Junellia succulentifolia bluish-white/violet 15-30cm 177  
 1177 Kalimeris incisa pale blue 30-45cm 2 74  
 1178 Kalmia latifolia pink-purple 2-8m 189  
 1179 Keckiella ternata orange to 180cm 178  
 1180 Kirengeshoma palmata yellow 80-120cm 2  
 1181 Kniphofia ensifolia red buds/cream flr to 1.8m 126  
 1182 Kniphofia hybrid solid yellow to 1m 63  
 1183 Kniphofia uvaria orange-greenish yellow 50-120cm 83  
 1184 Koeleria macrantha 20-85cm 5  
 1185 Koelreuteria paniculata 'Rose Lantern' yellow flr/rose-red frt to 10m 174  
 1187 Lablab purpureus rose-purple flr/maroon-purple frt to 6m 147  
 1189 Lachenalia ensifolia ssp maughanii white 5cm 191  
 1192 Lachenalia viridiflora turquoise 8-20cm 191  
 1193 Lallelantia canescens dark violet blue-lavender 20-50cm 60 64 177  
 1194 Laserpitium siler white-cream 30-100m 164  
 1195 Lathyrus aureus coppery-orange 30-60cm 85  
 1196 Lathyrus vernus mixed pinks/blues 20-40cm 75  
 1198 Lathyrus vernus reddish-purple 20-40cm 172 186  
 1199 Lavandula angustifolia 'Hidcote' deep blue purple to 50cm 21  
 1200 Lavatera clementii (x) 'Bredon Springs' mauve-pink to 2m 82  
 1201 Lavatera thuringiaca (PKMB329 ex Kazakhstan) light pink to 150cm 171  
 1203 Leonurus cardiaca pink-lilac 60-100cm 177  
 1204 Leopoldia comosa violet-blue/brownish-green 20-60cm 32  
 1206 Leopoldia tenuiflora (aff) 22  
 1207 Leopoldia weissii brown-yellowish/violet-purplish 8-30cm 157  
 1208 Leucanthemum superbum (x) white to 1m 33  
 1210 Lewisia brachycalyx white 3-8cm 108  
 1213 Lewisia cotyledon mix 10-30cm 101  
 1214 Lewisia cotyledon pink/peach mix 10-30cm 63  
 1215 Lewisia cotyledon 'Elise' mix 10-30cm 190  
 1216 Lewisia cotyledon hybrid mix 10-15cm 20  
 1218 Lewisia longipetala hybrids 55  
 1219 Lewisia nevadensis white 5-12cm 55 150 178  
 1221 Lewisia pygmaea pink 3-9cm 63 108  
 1224 Liatris acidota purple/dark lavender 20-90cm 161  
 1227 Liatris microcephala lavender-purple 30-80cm 2  
 1228 Liatris punctata lavender-purple 15-85cm 142  
 1229 Liatris scariosa v nieuwlandii pink-purple 30-100cm 160  
 1230 Liatris scariosa v novae-angliae pale violet 30-100cm 115  
 1231 Liatris spicata pink 40cm 69  
 1232 Liatris spicata 'Kobold' pink-purple 45-75cm 132  
 1233 Libertia sessiliflora pale blue to 60cm 126



- 1234 *Ligularia alpigena* yellow 22-140cm 34  
1235 *Ligularia* 'Britt Marie Crawford' orange-yellow flr/purple-black lvs 60-100cm 189  
1236 *Ligularia dentata* yellow 30-120cm 150  
1237 *Ligularia heterophylla* yellow flr/grey-green lvs 20-200cm 34  
1238 *Ligusticum lucidum* white 60-100cm 193  
1239 *Ligusticum scoticum* green-white 15-60cm 177  
1240 *Lilium apertum* red/pink/light yellow 25-50cm 126  
1241 *Lilium canadense* orange to 1.8m 43  
1242 *Lilium canadense* red-orange to 1.8m 49  
1243 *Lilium canadense* yellow-orange/red to 1.8m 49 158 195  
1245 *Lilium columbianum* yellow/orange w/maroon spots to 1.7m 126  
1246 *Lilium concolor* orange 30-50cm 161  
1247 *Lilium concolor* yellow 30-50cm 161  
1248 *Lilium davidii* orange/dark purple spots 50-100cm 20  
1249 *Lilium distichum* yellow-orange red/purple-red spots 60-120cm 195  
1251 *Lilium formosanum* (cf) (1 year to bloom, fragrant) white 100cm 93  
1252 *Lilium formosanum* v *formosanum* white/flushed purple reverse 20-55cm 128 146  
1253 *Lilium kelleyanum* (ex NNS 03-378) 126  
1254 *Lilium lankongense* pink w/red spots 40-150cm 126  
1255 *Lilium ledebourii* white 60-100cm 184  
1256 *Lilium leichtlinii* yellow 50-200cm 43  
1257 *Lilium leichtlinii* v *maximowiczii* dark orange/purple-brown spots to 2m 161  
1258 *Lilium leucanthum* v *centifolium* 'Black Dragon' white/rose-purple reverse 60-150cm 134  
1259 *Lilium martagon* dark rose 60cm 81  
1260 *Lilium martagon* dusky pink 1-2m 148  
1261 *Lilium martagon* mix 1-2m 76  
1262 *Lilium martagon* pink 1-2m >  
1263 *Lilium martagon* pink-purple/spotted 1-2m >  
1264 *Lilium martagon* red 1-2m 29 48  
1265 *Lilium martagon* white 1-2m >  
1267 *Lilium martagon* v *cattaniae* (hort) dark maroon to 2m 194  
1268 *Lilium meleagrinum* white-pale pink/purple-red spots 35-100cm 126  
1269 *Lilium monadelphum* yellow 50-100cm 81 184  
1271 *Lilium pardalinum* 'Giganteum' carmine-red 150-210cm 53  
1272 *Lilium pardalinum* ssp *pardalinum* (ex NNS 03-380) 126  
1273 *Lilium pardalinum* ssp *wigginsii* (ex NNS 00-493) 126  
1274 *Lilium philadelphicum* orange 20-30cm 86  
1275 *Lilium pumilum* orange-red 15-60cm 81  
1276 *Lilium pyrenaicum* yellow/orange/red to 130cm 118  
1277 *Lilium regale* white/purple flush reverse 50-150cm 91 104 114  
1278 *Lilium regale* dwarf hybrids white/gold throats 30-40cm 63  
1279 *Lilium sargentiae* white/purple brown-green reverse 120-150cm 20  
1280 *Lilium superbum* yellow-red orange/maroon spots to 2.8m 2  
1281 *Lilium* 'Sutton Court' yellow/rose 1.5m 19  
1282 *Limnanthes douglasii* white/yellow center 3-35cm 46  
1283 *Limonium* 'Blauer Diamant' blue 20-40cm 96  
1284 *Limonium gougetianum* pale violet 10-20cm 41  
1285 *Linaria aeruginea* yellow/purple-brown 10-20cm 60  
1286 *Linaria alpina* blue-purple/orange-yellow lip 5-20cm 25 97  
1287 *Linaria alpina* purple/red 5-20cm 169  
1288 *Linaria alpina* white/yellow 5-20cm 169  
1289 *Linaria purpurea* purple-violet 30-70cm 169  
1290 *Linnaea amabilis* whitish tinged pink to 3m 174  
1291 *Linum arboreum* yellow 30-50cm 94  
1292 *Linum campanulatum* yellow 10-30cm 36  
1293 *Linum lewisii* blue 5-80cm 177  
1294 *Linum perenne* pale blue 40-60cm 20  
1295 *Linum tenuifolium* white/pink stripes 30cm 36  
1296 *Lithops fulviceps* C284 yellow 13  
1297 *Lithops hookeri* v *dabneri* C301 yellow 13  
1298 *Lithops karasmontana* 'Opalina' white 13  
1299 *Lithops karasmontana* ssp *bella* C295 white 13  
1300 *Lithops lesliei* C352 yellow 13  
1301 *Lithops schwantesii* C076 yellow 13  
1302 *Lithops schwantesii* C191 yellow 13  
1303 *Lobelia cardinalis* bright red flr/mix dark & green lvs 70cm 167  
1304 *Lobelia cardinalis* red 60-120cm >  
1305 *Lobelia siphilitica* blue 60-90cm 125 167  
1306 *Lobelia siphilitica* mix 60-90cm 83  
1307 *Lobelia siphilitica* 'Mistassinica' blue 10-15cm 81  
1308 *Lobelia spicata* light blue/white 60-90cm 151  
1309 *Lomatium dasycarpum* green-white/purple 10-50cm 188  
1310 *Lomatium grayi* yellow 15-50cm 55  
1312 *Lunaria annua* light pink 60-90cm 132  
1313 *Lunaria annua* purple 60-90cm 189  
1314 *Lunaria annua* white 60-90cm 90  
1315 *Lunaria annua* 'Kermesina' deep purple flr/cream-edged lvs 142  
1316 *Lunaria annua* 'Variegata' purple flr/white variegated lvs to 1m 185  
1317 *Lupinus albifrons* violet-lavender 90-150cm 61  
1318 *Lupinus perennis* blue-purple/pink to 60cm 35  
1319 *Lupinus pilosus* dark blue/white 30-70cm 144  
1320 *Luzula sylvatica* 30-80cm 45  
1322 *Lychnis yunnanensis* (hort) white 20-45cm 105  
1323 *Lycium barbarum* purple flr/red-orange frt 80-200cm 61  
1324 *Lycopus exaltatus* white 15-80cm 47  
1326 *Lysimachia atropurpurea* 'Beaujolais' dark red-burgundy flr/grey lvs 45-60cm 120  
1327 *Lysimachia ephemerum* white flr/grey-green lvs to 1m 139  
1328 *Macleaya cordata* yellowish white to 2.5m 66  
1329 *Magnolia macrophylla* cream-white to 15m 38  
1330 *Magnolia sieboldii* white 5-10m 190  
1331 *Magnolia sieboldii* 'Colossus' white/rose stamens 3-7.5m 174  
1332 *Maianthemum* (*Smilacina*) *racemosum* white flr/red frt 75-125cm 69 128 186  
1334 *Maihuenia poeppigii* pale yellow 10-15cm 116  
1335 *Manfreda maculosa* pale yellow-white turn pink-rose flr/spotted lvs to 40cm 4  
1336 *Manfreda virginica* yellow-green 8-40cm lvs/140cm flr 115  
1337 *Marrubium vulgare* (PI) white flr/white woolly lvs 30-40cm 177  
1338 *Marshallia caespitosa* white-pale lavender 20-50cm 5  
1339 *Massonia echinata* cream white 5cm 46  
1340 *Massonia pustulata* cream-pink to 5cm 46  
1341 *Matthiola fragrans* dark purple-yellow flr/grey woolly lvs 60cm 164  
1343 *Maurandya antirrhiniflora* rose-pink 1-2m 61  
1344 *Maurandya barclayana* 'Exotic Pride' violet blue/pink/white to 200cm 147  
1345 *Meconopsis baileyi* blue to 1m 29 78  
1346 *Meconopsis betonicifolia* blue 30-90cm 84 138 158  
1347 *Meconopsis* 'Lingholm' (Fertile Blue Group) blue 1-1.2m >  
1348 *Meconopsis paniculata* cream-yellow flr/hairy lvs to 2.5m 137  
1349 *Meconopsis quintuplinervia* pale lilac-blue/purple flr/hairy lvs 30-50cm 137  
1351 *Meconopsis zhongdianensis* blue 50-70cm 194  
1352 *Melaleuca gibbosa* mauve to 2m 20  
1353 *Melasphaerula ramosa* cream-pale yellow 30-50cm 126  
1354 *Melica ciliata* 50-100cm 154  
1355 *Melocactus matanzanus* (not frost hardy) rose pink-carmine 9-18cm 180  
1356 *Mentzelia nuda* white-pale cream 30-150cm 79  
1357 *Micranthes* (*Saxifraga*) *pensylvanica* white-cream/purple 25-125cm 5  
1359 *Milium effusum* 'Aureum' yellow-green lvs 30-60cm 177  
1360 *Mimulus cardinalis* orange-red/scarlet 25-80cm 63  
1361 *Mimulus cardinalis* red 25-80cm 173  
1362 *Mimulus cardinalis* yellow 25-80cm 30  
1364 *Mirabilis jalapa* mix 60-90cm 185  
1367 *Monardella odoratissima* ssp *glauca* purple/red-purple 10-30cm 100  
1368 *Monnina revoluta* blue-violet to 1.5m 20  
1369 *Montiopsis umbellata* deep pink-magenta 10-15cm 20  
1371 *Moraea aristata* x *villosa* ivory 25cm 26  
1372 *Moraea bellendenii* yellow 50-100cm 26  
1373 *Moraea huttonii* yellow to 1m 19  
1374 *Moraea longifolia* pale yellow 60-150cm 157  
1375 *Moraea lurida* dull maroon black/pale yellow 20-30cm 20  
1376 *Moraea polystachya* light blue-lavender 50-80cm 141 191  
1377 *Moraea vegeta* tan 15-30cm 26  
1378 *Moraea vespertina* white/yellow 45-60cm 26  
1379 *Moraea villosa* mix to 40cm 26  
1380 *Morina longifolia* white turns pink-deep red to 90cm 39  
1381 *Muehlenbeckia axillaris* yellowish-white 5-10cm 139  
1382 *Muhlenbergia reverchonii* brown-purplish 40-80cm 177  
1383 *Mukdenia rossii* white 20-36cm 77  
1384 *Muscari armeniacum* 'Valerie Finnis' pale lavender blue to 20cm 20  
1385 *Muscari latifolium* deep purple/pale blue 15-40cm 186  
1387 *Myosotis australis* yellow 20cm 157  
1388 *Myosotis sylvatica* sky blue 15-30cm 15



- 1390 *Narcissus cyclamineus* yellow 15-20cm 20  
1391 *Narcissus* Nylon Group white-pale yellow 12-25cm 191  
1392 *Narcissus obvallaris* yellow 30cm 18  
1393 *Narcissus rupicola* yellow to 23cm 18 55 162  
1396 *Nepeta tenuifolia* violet 30-100cm 47  
1397 *Nepeta tuberosa* purple-violet flr/woolly grey lvs 30-60cm 164  
1398 *Nicotiana sylvestris* white-cream 1-1.5m 66  
1399 *Noccaea fendleri* ssp *glauca* white/pinkish purple 5-32cm 177  
1400 *Nolina texana* cream/yellow-green 40-90cm 177  
1401 *Nothochelone nemorosa* pink-purple 30-80cm 126  
1402 *Notholirion bulbiferum* red/pink/red-purple 60-100cm 53  
1403 *Odontostomum hartwegii* creamy white/yellowish to 55cm 188  
1404 *Oenothera acaulis* 'Aurea' yellow 5-10cm 157  
1405 *Oenothera argillicola* yellow to 60cm 167  
1407 *Oenothera cespitosa* ssp *marginata* white/yellow age to pinkish/purple 1-18cm 177  
1408 *Oenothera flava* pale yellow 7-10cm 6  
1409 *Oenothera glazioviana* yellow fading red-orange 50-150cm 127  
1410 *Oenothera lindheimeri* pink-white 50-150cm 74  
1411 *Oenothera macrocarpa* ssp *fremontii* yellow flr/silvery-green lvs 15-20cm 177  
1412 *Oenothera macrocarpa* ssp *incana* yellow flr/silver lvs to 20cm 177  
1413 *Oenothera perennis* yellow 15cm 134  
1414 *Oenothera* sp yellow flr/long red stalks 150cm 31  
1415 *Oenothera villosa* (ex multi-branched biennial shrub) bright yellow 150cm 153  
1417 *Onosma cinerea* (aff) pale yellow flr/grey hairy lvs to 40cm 186  
1418 *Onosma echioides* (cf) 177  
1419 *Opuntia* 'Malpais Sunset' magenta 153  
1420 *Opuntia* 'Smithwick' yellow 15cm 52  
1421 *Orbexilum pedunculatum* v *psoraloides* pale purple 30-80cm 5 161  
1422 *Origanum acutidens* yellow-green bracts/white-pink flr to 50cm 177  
1423 *Origanum* 'Kent Beauty' rose-pink flr/silvery lvs to 25cm 177  
1424 *Origanum* mixed hybrids (sipyleum x *scabrum* x *laevigatum*) 177  
1425 *Origanum* 'Suendermannii' lavender-rose 15-30cm 177  
1426 *Origanum syriacum* white/pale pink to 1m 164  
1427 *Origanum vulgare* 'Humile' pink 20-25cm 103  
1428 *Orlaya grandiflora* white 45-60cm 148  
1429 *Ornithogalum multifolium* yellow-orange 3-25cm 40  
1430 *Ornithogalum nutans* (PI) white/green stripe 20-60cm 30  
1431 *Ornithogalum princeps* pale green-cream 60-90cm 128  
1432 *Ornithogalum pyrenaicum* pale greenish-yellow 30-60cm 157  
1433 *Ornithogalum viridiflorum* pale yellow-green to 1m 53 157  
1434 *Ornithogalum viridiflorum* (dwarf form) 53  
1435 *Orostachys chanetii* white 10-30cm 177  
1436 *Orostachys minuta* reddish/purple spotted 2-6cm 177  
1437 *Orostachys spinosa* (large silver form) 177  
1438 *Oxalis valdiviensis* yellow 10-13cm 15  
1439 *Oxytropis japonica* red purple 5-10cm 170  
1440 *Oxytropis splendens* reddish-purple flr/silver woolly lvs 10-36cm 183  
1441 *Pachyphragma macrophyllum* white 30-45cm 60  
1442 *Paeonia anomala* ssp *veitchii* rose-red 30-90cm >  
1443 *Paeonia broteri* rose-pink to 40cm 22  
1444 *Paeonia cambessedesii* rose-pink to 45cm >  
1445 *Paeonia daurica* ssp *coriifolia* pink 70-100cm 44  
1448 *Paeonia daurica* ssp *mlokosewitschii* yellow 80-100cm >  
1451 *Paeonia ludlowii* yellow to 3.5m 39  
1453 *Paeonia mascula* deep purplish-pink to 90cm 73 190  
1454 *Paeonia mascula* light pink to 90cm 19  
1455 *Paeonia mascula* ssp *mascula* rose-red to 90cm 177  
1456 *Paeonia mascula* ssp *russoi* purplish-pink to 60cm 184  
1457 *Paeonia mascula* ssp *russoi* (ex JJA 747.002) pink 20-45cm 145  
1458 *Paeonia obovata* cream 30-70cm 2  
1459 *Paeonia obovata* mix 30-70cm 12 73 195  
1460 *Paeonia obovata* pink 30-70cm >  
1461 *Paeonia obovata* white 30-70cm >  
1462 *Paeonia obovata* ssp *obovata* (syn. *japonica*) white 30-70cm 44 65 76  
1463 *Paeonia obovata* ssp *willmottiae* white 30-70cm 133 194  
1464 *Paeonia officinalis* deep pink/deep red 60-70cm 195  
1465 *Paeonia officinalis* ssp *officinalis* dark red 51  
1466 *Paeonia officinalis* ssp *officinalis* red-pinkish 35-90cm 99  
1467 *Paeonia ostii* white to 150cm >  
1468 *Paeonia ostii* white/lavender flush 90cm 148  
1469 *Paeonia peregrina* brilliant red 30-50cm >  
1472 *Paeonia rockii* white/dark purple eye to 1.8m 44 69 184  
1473 *Paeonia* sp mixed red 50-70cm 106  
1474 *Paeonia* sp mixed white-yellow-pink-red 50-80cm 97  
1475 *Paeonia suffruticosa* (x) magenta to 1.5m 196  
1476 *Paeonia suffruticosa* (x) pink semi-double to 1.5m 69  
1477 *Paeonia suffruticosa* (x) pink single to 1.5m 44  
1478 *Paeonia suffruticosa* (x) single white to 1.5m 196  
1481 *Paeonia suffruticosa* (x) 'Rose Flame' semi-double pink-red to 1.5m 196  
1485 *Papaver alboroseum* white-rose to 15cm 84  
1486 *Papaver alpinum* mix 5-25cm 15  
1487 *Papaver alpinum* pale orange 5-25cm 27  
1488 *Papaver alpinum* yellow 5-25cm 100  
1489 *Papaver apokrinomenon* orange 20-30cm 32  
1490 *Papaver atlanticum* soft apricot orange to 45cm >  
1491 *Papaver atlanticum* 'Flore Pleno' semi-double orange 45cm 95 161  
1492 *Papaver burseri* pure white flr to 20cm 68  
1493 *Papaver cambricum* double red 40-60cm 194  
1494 *Papaver cambricum* mix 40-60cm 45  
1495 *Papaver cambricum* 'Frances Perry' scarlet/red 40-60cm 45  
1496 *Papaver cambricum* 'Muriel Brown' double red-orange 30-45cm 134  
1497 *Papaver commutatum* 'Ladybird' red/black spots to 45cm 79  
1498 *Papaver croceum* (aff) yellow 30-40cm 79  
1499 *Papaver dahlianum* white 10-25cm 138  
1500 *Papaver degenii* yellow 5-15cm 27  
1501 *Papaver* 'Fireball' double orange-scarlet 20-30cm 130  
1502 *Papaver lapponicum* orange 30cm 84  
1503 *Papaver nudicaule* mix 10-40cm 15  
1505 *Papaver nudicaule* v *aquilegioides* white 20-60cm 58  
1506 *Papaver orientale* 'Beauty of Livermere' dark oxblood red 60-90cm 129  
1507 *Papaver popovii* orange 10-25cm 147  
1509 *Papaver rhoeas* red/pink to 70cm 35  
1510 *Papaver rupifragum* (cf) 177  
1511 *Papaver somniferum* mix to 120cm 142 177  
1512 *Papaver somniferum* 'Lauren's Grape' deep red-purple to 120cm 35  
1513 *Papaver* sp orange/purple spots 30cm 81  
1514 *Papaver tauricola* pale brick-red 30-40cm 177  
1516 *Paradisea liliastrum* white 30-90cm 126  
1517 *Paradisea lusitanica* white 80-120cm 105 157  
1519 *Paris quadrifolia* yellow-green flr/blue-black frt 25-40cm 47  
1520 *Parnassia asarifolia* white/green veins 18-50cm 113  
1521 *Parnassia glauca* white/green veins 20-40cm 152  
1522 *Parnassia grandifolia* white 20-40cm 152  
1523 *Parnassia palustris* white 10-30cm 105  
1525 *Patrinia sibirica* yellow 5-25cm 3  
1526 *Pavonia praemorsa* yellow 1-2m 144  
1527 *Pelargonium cordifolium* pale pink/dark veins to 1.5m 46  
1528 *Pelargonium endlicherianum* deep pink-maroon veins 20-35cm >  
1530 *Peltoboykinia watanabei* cream-yellow 45-85cm 154  
1531 *Penstemon albidus* lavender 10-40cm 100  
1532 *Penstemon barbatus* coral to 90cm 83  
1533 *Penstemon barbatus* red 60-90cm 123  
1534 *Penstemon barrettiae* lilac/rose-purple 15-40cm 30 79  
1535 *Penstemon caespitosus* blue-lavender 2-8cm 131  
1537 *Penstemon cardinalis* deep red 40-70cm 63 153  
1538 *Penstemon cardwellii* bright purple/blue-violet 10-30cm 63  
1539 *Penstemon cardwellii* hybrids mix 55  
1540 *Penstemon* 'Chrystal's Daughter' (*Dasanthera* hybrid-vigorous) white 63  
1541 *Penstemon davidsonii* lavender pink 25cm 125  
1542 *Penstemon davidsonii* v *menziesii* purple-lavender 5-10cm 55 173  
1543 *Penstemon davidsonii* v *praeteritus* lavender-violet 10-15cm 173  
1544 *Penstemon digitalis* pink 90cm 80  
1545 *Penstemon digitalis* white 70-150cm 63 125  
1546 *Penstemon digitalis* (ex Newago Co, MI) white 1m 151  
1547 *Penstemon eatonii* deep scarlet-red 40-100cm 25 177  
1548 *Penstemon Fasciculus* hybrids magenta/pinks 63  
1549 *Penstemon franklinii* blue-violet 10-20cm 79  
1550 *Penstemon fruticosus* hybrids mix 55  
1551 *Penstemon fruticosus* v *serratus* pale blue-lavender/purple 15-40cm 173  
1552 *Penstemon glaber* v *alpinus* blue to 45cm 100  
1553 *Penstemon gormanii* blue-purple/lavender-pink 10-30cm 79 183

- 1554 *Penstemon grandiflorus* mix 50-100cm 25 153  
1555 *Penstemon grandiflorus* pink-lavender 50-100cm 154  
1557 *Penstemon heterophyllus* blue-purple/magenta 25-150cm 63 178  
1558 *Penstemon hirsutus* lavender-violet/white 20-60cm 2 108  
1559 *Penstemon hirsutus* v *pygmaeus* lavender/pink 15cm 85  
1560 *Penstemon hirsutus* v *pygmaeus* lavender/white 15cm >  
1561 *Penstemon* hybrids mixed (likely *P. strictus* x *barbatus*) blue-violet/red-violet 45-100cm 136  
1562 *Penstemon kunthii* 'Cherry Red' red 63  
1563 *Penstemon laricifolius* cream/pink/lavender 10-20cm 100 140  
1564 *Penstemon laricifolius* ssp *laricifolius* pink 10-20cm 87  
1566 *Penstemon linarioides* pale blue-violet 10-50cm 87  
1567 *Penstemon lyallii* pink 30cm 178  
1568 *Penstemon mensarum* dark purple-blue 40-50cm 140  
1569 *Penstemon* 'Mexicana' hybrid bright pink 40-60cm 108  
1570 *Penstemon newberryi* hybrids pink 55  
1571 *Penstemon ovatus* blue-purple 30-100cm 2 63  
1572 *Penstemon pachyphyllus* blue-violet/purple-lavender 30-65cm 79  
1573 *Penstemon pinifolius* orange 20-40cm 39  
1574 *Penstemon pinifolius* scarlet-orange 20-40cm 63  
1575 *Penstemon procerus* deep blue-purple 5-40cm 72 131 140  
1576 *Penstemon procerus* v *tolmiei* deep purple-blue 5-15cm 79  
1577 *Penstemon pruinosis* deep blue/lavender 10-40cm 79  
1578 *Penstemon pseudospectabilis* deep reddish-pink/magenta 30-100cm 87  
1579 *Penstemon* 'Red Rocks' rose-pink/white 45cm 112  
1580 *Penstemon richardsonii* pink-lavender/blue 20-80cm 139  
1581 *Penstemon richardsonii* red 40-50cm 178  
1582 *Penstemon roseus* red/crimson to 120cm 165  
1583 *Penstemon rostriflorus* scarlet 30-100cm 168  
1584 *Penstemon rupicola* hybrids mix 55  
1585 *Penstemon saxosorum* x *virgatus* 79  
1586 *Penstemon secundiflorus* mix 15-50cm 107  
1587 *Penstemon serrulatus* deep blue-purple 20-70cm >  
1588 *Penstemon smallii* lavender/violet 40-60cm 156  
1589 *Penstemon smallii* pale red-purple 40-60cm 113  
1590 *Penstemon strictus* deep blue/violet 35-70cm 132  
1591 *Penstemon* 'Sunburst Amethyst' (Fasciculus hybrid) purple to 50cm 63  
1592 *Penstemon* 'Sunburst Ruby' (Fasciculus hybrid) bright ruby-red to 40cm 181  
1593 *Penstemon tenuis* violet-purple 40-90cm 4 176  
1594 *Penstemon uintahensis* sky blue 5-15cm 79 173  
1595 *Penstemon venustus* lavender-violet/purplish 30-80cm 63 86  
1596 *Penstemon virens* deep blue-violet 10-40cm 72 111  
1597 *Penstemon whippleanus* dark wine purple 20-60cm 168  
1598 *Penstemon whippleanus* (ex Albany Co, WY) purple 20cm 140  
1599 *Penstemon wilcoxii* blue-purple 30-100cm 19  
1600 *Persicaria virginiana* 'Painter's Palette' red flr/green-white-red lvs 45-60cm 135  
1602 *Petrophytum caespitosum* white to 10cm 101 112  
1603 *Petunia exserta* bright red 30-60cm 109  
1604 *Peucedanum terebinthaceum* white 30-120cm 177  
1605 *Phacelia campanularia* bright blue 10-70cm 61  
1606 *Phacelia campanularia* (dwarf form) cobalt blue 10-20cm 64  
1607 *Phacelia sericea* dark blue-purple flr/silvery silky lvs 10-60cm 87 150 173  
1608 *Phemeranthus brevifolius* rose/lavender/white 6cm 54 154  
1609 *Phemeranthus calcaricus* rose-purple to 25cm 127  
1610 *Phemeranthus calycinus* pink/red-purple 25-40cm >  
1611 *Phemeranthus parviflorus* light pink-purple to 20cm 127  
1612 *Phemeranthus thompsonii* pink 15-50cm 54  
1613 *Philadelphus satsumi* white 1.5-2.5m 195  
1615 *Phlomis cashmeriana* rose-pale purple flr/woolly lvs 40-80cm 87 177  
1616 *Phlomis kurdica* yellow flr/felty lvs 40cm 164  
1618 *Phlomis* 'Le Sud' yellow flr/grey-felty lvs to 125cm 82  
1619 *Phlomis samia* dusky pink-brown to 1m 164  
1620 *Phlomoides bracteosa* rose/pinkish purple/violet 20-50cm 22  
1621 *Phlomoides oreophila* purple 30-80cm 177  
1623 *Physaria fendleri* orange-yellow 5-25cm 81  
1624 *Physaria ovalifolia* yellow 5-25cm 37  
1625 *Physaria reediana* pale green-yellow 2-4cm 65  
1626 *Physaria* sp yellow flr/green lvs 20cm 174  
1627 *Phyteuma charmelii* blue-violet 10-20cm 177  
1628 *Phyteuma hemisphaericum* deep blue 3-30cm 29  
1629 *Phyteuma orbiculare* deep blue-purple 20-50cm 194  
1630 *Phyteuma orbiculare* white 20-50cm 162  
1631 *Phyteuma ovatum* blue-violet 40-80cm 59  
1632 *Phyteuma scheuchzeri* deep blue to 40cm 121 157  
1633 *Phyteuma scheuchzeri* (cf) 2  
1634 *Phyteuma* sp (mix of *scheuchzeri*, *sieberi*, *hemisphaericum*) blue 20-40cm 186  
1635 *Phytolacca acinosa* white-yellowish greenish flr/purple black frt 50-150cm 106 158  
1636 *Pinellia tripartita* whitish-light green 30-35cm 135  
1637 *Plantago subulata* yellow 5-20cm 164  
1638 *Platycodon grandiflorus* blue/purple 20-120cm 128 131  
1639 *Platycodon grandiflorus* (dwarf form) blue 10-30cm >  
1640 *Platycodon grandiflorus* (dwarf form) lavender-mauve 10-30cm 35  
1641 *Platycodon grandiflorus* (dwarf form) mix 10-30cm 174  
1642 *Platycodon grandiflorus* (dwarf form) pink 10-30cm 177  
1643 *Platycodon grandiflorus* (dwarf form) white 10-30cm 177  
1644 *Platycodon grandiflorus* (ex Siberia) 51  
1646 *Plectritis congesta* bright pink-white 10-60cm 15  
1647 *Plocama calabrica* pink 5-10cm 164  
1648 *Polanisia dodecandra* white 10-60cm 21  
1649 *Polemonium boreale* blue-purple flr/woolly-hairy lvs 10-20cm 28 108  
1651 *Polemonium caeruleum* white 45-60cm 49  
1652 *Polemonium caeruleum* (ex C Chadwell) violet-blue 50cm 171  
1655 *Poliathyrsis sinensis* yellowish-white 7-15m 176  
1656 *Polia japonica* white flr/dark blue frt 30-90m 38 135  
1660 *Polygonatum multiflorum* white flr/new lvs flushed purple 45cm 134  
1661 *Polygonatum multiflorum* f *ramosum* white-green tip flr/branching stems 50-70cm 134  
1663 *Potentilla miyabei* yellow to 10 cm 3  
1664 *Potentilla nana* pale yellow 1-5cm 88  
1665 *Potentilla nivea* yellow flr/woolly lvs 5-25cm 36  
1666 *Potentilla porphyrantha* pink flr/silver lvs 5-15m >  
1667 *Potentilla pulvinaris* yellow 15cm 154  
1668 *Potentilla pyrenaica* yellow 20-40cm 34  
1669 *Potentilla* sp F&JK1098 (ex Albania, Mali i Polisit, Serpentine NE Pass) 51  
1670 *Potentilla thurberi* 'Monarch's Velvet' deep red/black center 30-60cm 169  
1671 *Potentilla tonguei* (x) apricot-yellow/red eye 10-15cm 43  
1672 *Primula alpicola* cream 15-60cm 84  
1673 *Primula alpicola* mix 15-60cm 105  
1674 *Primula alpicola* purple 15-60cm 84  
1675 *Primula alpicola* violet/purple 15-60cm 137  
1676 *Primula alpicola* white 15-60cm 84  
1680 *Primula beesiana* rose flr/farinose 20-50cm 105  
1681 *Primula beesiana* (syn *burmanica*) rose flr/efarinose lvs 20-50cm 53  
1682 *Primula beesiana* x *florindae* mixed colors 90cm 84  
1683 *Primula bulleesiana* (x) mix 45-60cm 81  
1684 *Primula bulleesiana* (x) yellow/gold 45-60cm 108  
1685 *Primula capitata* purple-blue 10-45cm 39 55  
1686 *Primula elatior* light yellow to 30cm 91 105 177  
1687 *Primula firmipes* yellow 10-40cm 55  
1688 *Primula florindae* orange 30-120cm 84  
1689 *Primula florindae* red/purple 30-120cm 84  
1690 *Primula florindae* salmon 30-120cm 84  
1691 *Primula florindae* white/orange 30-120cm 84  
1692 *Primula florindae* yellow 30-120cm 173  
1693 *Primula forbesii* pink 6-13cm 50  
1694 *Primula* Gold-laced Group dark mahogany/gold eye & edge to 20cm 190  
1695 *Primula halleri* lilac-violet 8-30cm 16 29  
1696 *Primula incana* lavender 2-46cm 29  
1697 *Primula incana* white 10-20cm 86  
1698 *Primula japonica* cerise 45-60cm 126  
1699 *Primula japonica* deep pink 45cm 3  
1700 *Primula japonica* mix 45-60cm 16 74 84  
1701 *Primula japonica* pink 45-60cm 55 83  
1702 *Primula japonica* pink shades 45-60cm 19 125  
1703 *Primula japonica* red 45-60cm 55 83  
1704 *Primula japonica* white 45-60cm 95 192  
1705 *Primula japonica* white/yellow eye 45-60cm 91  
1706 *Primula japonica* 'Miller's Crimson' dark red to 80cm 105  
1710 *Primula matthioli* purple-violet 20-25cm 105  
1712 *Primula munroi* ssp *munroi* white 10-30cm 137

- 1713 *Primula obconica* ssp *werringtonensis* pink/lavender-rose/white  
5-20cm 105
- 1714 *Primula prolifera* bright golden-yellow to 90cm 55
- 1715 *Primula pulverulenta* rose-purple 25-100cm 157
- 1716 *Primula scandinavica* purple-mauve 4-10cm 29
- 1717 *Primula sieboldii* mix 12-25cm 86
- 1719 *Primula sikkimensis* yellow/cream 15-90cm 137
- 1720 *Primula veris* yellow 8-30cm 97 125
- 1721 *Primula vialii* rose red/violet-purple 20-45cm 120 190
- 1723 *Primula waltonii* pink-deep wine purple 18-70cm 137
- 1724 *Prometheum sempervivoides* scarlet 7-20cm 54 101
- 1725 *Prosartes* (*Disporum*) *hookeri* cream 30-100cm 126
- 1726 *Prosartes* (*Disporum*) *smithii* cream 30-100cm 31
- 1727 *Prospero autumnale* lilac/pink/bluish purple to 15cm 179 192
- 1728 *Psephellus bellus* pink flr/silver-grey lvs 25-40cm 36 101
- 1729 *Pseudomuscari azureum* blue 4-15cm 163 177
- 1730 *Pseudomuscari pallens* pale blue-white 10-15cm 191
- 1731 *Pseudotrillium* (*Trillium*) *rivale* (moist packed) white/dark purple flecks  
4-15cm 62
- 1732 *Ptelea trifoliata* 'Variegata' cream flr/gold variegated lvs 3-5m 189
- 1734 *Pterocephalus perennis* pink-purple flr/grey-green lvs to 12cm >
- 1735 *Pterocephalus pinardii* pink 4cm 54 107
- 1736 *Pterostyrax hispidus* white to 15m 189
- 1737 *Ptilostemon afer* lavender-purple flr/spiny lvs 20-100m 154
- 1738 *Ptilostemon chamaepeuce* purple-pink flr/white downy lvs to 1m 164
- 1739 *Pulmonaria rubra* red 30-45cm 106
- 1740 *Pulsatilla albana* mix 10-30cm 55
- 1741 *Pulsatilla alpina* ssp *apiifolia* cream 25-30cm 181
- 1742 *Pulsatilla alpina* ssp *apiifolia* yellow 10-50cm 34 59 181
- 1743 *Pulsatilla ambigua* dark violet 16-22cm 53 154 184
- 1744 *Pulsatilla campanella* blue-violet 14-20cm 17 177
- 1746 *Pulsatilla cernua* 'Aurea' yellow 15-20cm 3
- 1748 *Pulsatilla georgica* violet-blue/white 15-25cm 162 181
- 1749 *Pulsatilla grandis* maroon 5-30cm 104
- 1750 *Pulsatilla grandis* mauve-lavender 5-30cm 131
- 1751 *Pulsatilla grandis* violet-purple 5-30cm 17 118 194
- 1752 *Pulsatilla grandis* white 15-30cm 55
- 1753 *Pulsatilla grandis* (ex Austria, Eichkogel 150m) 51
- 1754 *Pulsatilla grandis* 'Papageno' mix double fringed 15-30cm 162
- 1755 *Pulsatilla grandis* 'Papageno' mix fringed 15-30cm 94 118 162
- 1756 *Pulsatilla halleri* ssp *slavica* white 10-22cm 17
- 1757 *Pulsatilla halleri* ssp *styriaca* rose-purple 5-20cm 60
- 1758 *Pulsatilla halleri* ssp *styriaca* 'Pink Dream' pink 20cm 51
- 1759 *Pulsatilla* hybrid white/blue 20cm 194
- 1760 *Pulsatilla* hybrids red 55 194
- 1761 *Pulsatilla montana* dark blue-violet 10-30cm 53
- 1764 *Pulsatilla pratensis* ssp *bohemica* dark purple-black to 15cm 55 180
- 1765 *Pulsatilla* sp blue 30cm 138
- 1768 *Pulsatilla vulgaris* blue 15-40cm 138
- 1769 *Pulsatilla vulgaris* dark red 15-40cm 9 28
- 1770 *Pulsatilla vulgaris* maroon 15-40cm 104 180
- 1771 *Pulsatilla vulgaris* mix 15-40cm 33 177 195
- 1772 *Pulsatilla vulgaris* pale pink 15-40cm 87
- 1773 *Pulsatilla vulgaris* purple 15-40cm 8 36 186
- 1774 *Pulsatilla vulgaris* red 15-40cm 131
- 1775 *Pulsatilla vulgaris* white 15-40cm >
- 1776 *Pulsatilla vulgaris* (fringed) purple 15-30cm 69 129
- 1777 *Pulsatilla vulgaris* (fringed) red 15-30cm 87
- 1779 *Puschkinia scilloides* 'Pyatigorsk' 107
- 1780 *Puya mirabilis* lime green 60cm/1.5m scape 16
- 1781 *Pyrrocoma crocea* bright yellow 18-80cm 177
- 1782 *Rabiea albipuncta* (ex Molteno, South Africa) 54
- 1783 *Raffenaldia primuloides* yellow/lilac/white 15cm 55
- 1784 *Ramonda myconi* deep violet 6-12cm >
- 1785 *Ramonda myconi* 'Alborosea' white/pink 8cm 117
- 1786 *Ramonda nathaliae* lilac/violet 8cm 60
- 1787 *Ramonda serbica* lilac to 8cm 1 118
- 1788 *Ranunculus cortusifolius* yellow to 60cm 20
- 1789 *Ranunculus gramineus* yellow 30-45cm >
- 1790 *Ranunculus platanifolius* white 30-100cm 41
- 1792 *Rhaponticum coniferum* pink-purple flr/white-felted lvs 15-30cm 54 107
- 1793 *Rheum webbianum* pale yellowish 30-200cm 39
- 1794 *Rhodanthemum hosmariense* white flr/silver lvs to 30cm 68
- 1795 *Rhododendron atlanticum* white/flush pink 50-100cm 157
- 1797 *Rhododendron kiusianum* rose-purple 45-60cm 186
- 1799 *Rhodothamnus chamaecistus* pink 20-40cm 137
- 1801 *Romulea atrandra* pink-magenta/white 6-12cm 20
- 1802 *Romulea bulbocodium* violet-lilac/yellow/white 10-15cm 20
- 1803 *Romulea eximia* rose-red 8-15cm 46
- 1804 *Romulea flava* yellow/white to 15cm 191
- 1805 *Romulea nivalis* lilac 10cm 119
- 1806 *Romulea ramiflora* mauve to 15cm 20
- 1807 *Romulea subfistulosa* rose-pink/yellow eye 10-25cm 22
- 1808 *Rosa* sp (ex Halda very dwarf) pink 25cm 68
- 1811 *Rudbeckia fulgida* v *sullivantii* 'Goldsturm' yellow 60-90cm 189
- 1812 *Rudbeckia hirta* mixed 30-100cm 115
- 1813 *Rudbeckia laciniata* 'Herbstsonne' golden yellow to 2m 82
- 1814 *Rudbeckia maxima* yellow to 2.5m 58 120
- 1815 *Rudbeckia occidentalis* purple-brown cone center to 2m 43
- 1816 *Rudbeckia triloba* yellow-orange to 1.5m 189
- 1817 *Ruellia* 'Green Beauty' (nv) light purple 15cm 65
- 1818 *Ruellia humilis* lavender-lilac 30-60cm 80 189
- 1819 *Ruellia humilis* x *strepens* hybrid (ex ZH2AL13-039b) purple 30cm 161
- 1820 *Ruta corsica* (ex JC Raulston Arboretum form) white 40cm 161
- 1821 *Ruta graveolens* yellow flr/blue-green lvs 60-90cm 6
- 1822 *Sabatia kennedyana* 'Juniper Creek' bright pink/white-yellow center  
to 75cm 161
- 1823 *Salpiglossis sinuata* mix 30-60cm 157
- 1824 *Salvia argentea* white flr/silver-grey woolly lvs 30-60cm 101 177
- 1825 *Salvia azurea* blue 90-150cm 2
- 1826 *Salvia caespitosa* white flr/grey-green lvs 5-15cm 64
- 1827 *Salvia canescens* v *daghestanica* purple flr/silver-white woolly lvs  
10-30cm 177
- 1828 *Salvia* 'Christine Yeo' purple-violet 60-75cm 50
- 1829 *Salvia chrysophylla* lilac/yellow lip 20-60cm 22 177
- 1830 *Salvia coccinea* scarlet/orange-red to 1m 65
- 1831 *Salvia coccinea* 'Coral Nymph' white/coral pink 40-70cm 189
- 1832 *Salvia coccinea* 'Lady in Red' red 50-60cm 189
- 1833 *Salvia cyanescens* violet-blue flr/velvety grey-green lvs 30-90cm 177
- 1834 *Salvia dorrii* blue-purple flr/grey-green lvs 30-90cm 101
- 1835 *Salvia forsskaolei* violet blue/white streak 60cm >
- 1836 *Salvia glutinosa* pale yellow/maroon speckled 40-60cm 151
- 1837 *Salvia henryi* bright red flr/grey lvs to 30cm 37
- 1838 *Salvia jurisicii* violet-lavender to 30cm 139
- 1839 *Salvia lyrata* 'Purple Knockout' lavender flr/deep burgundy lvs  
45-60cm 177
- 1840 *Salvia microphylla* hybrid (hardy) 177
- 1841 *Salvia nilotica* bluish-purplish/pink/white 20-120cm 47
- 1842 *Salvia patens* blue 30-60cm 126
- 1843 *Salvia patens* 'Blue Angel' blue 60cm 189
- 1845 *Salvia phlomoides* violet-white flr/white woolly lvs to 45cm 177
- 1846 *Salvia phlomoides* (ex Tisliit, Morocco, Atlas Mtns 1981m) 153
- 1847 *Salvia quezelii* white-cream/lilac spot 15-20cm 100
- 1848 *Salvia recognita* pale pink flr/grey hairy lvs 60-90cm 177
- 1849 *Salvia reflexa* (PI) pale-dark blue 10-70cm 177
- 1850 *Salvia ringens* violet-blue to 60cm 22
- 1851 *Salvia roemeriana* scarlet to 30cm 100
- 1852 *Salvia runcinata* white/lilac/purple to 45cm 47
- 1853 *Salvia sclarea* white 90-120cm 67
- 1854 *Salvia sclarea* v *turkestanica* (hort) white/pink tinged to 1m 82 177
- 1855 *Salvia staminea* off-white/cream to 75cm 177
- 1856 *Salvia superba* (x) blue 45cm 15
- 1857 *Salvia transsylvanica* lavender blue 60-90cm 177
- 1858 *Salvia verticillata* lavender to 90cm 82
- 1859 *Sambucus nigra* 'Black Lace' pink flr/dark purple lvs/blackish red frt  
to 2.4m 186
- 1860 *Sanguinaria canadensis* white 15-40cm 156
- 1861 *Sanguinaria canadensis* (moist packed) white to 40cm 149 186
- 1862 *Sanguisorba minor* greenish-reddish purple 40-75cm 177
- 1863 *Sanguisorba officinalis* red-purple 30-120cm 106
- 1864 *Sanguisorba tenuifolia* v *alba* white to 1.5m 130
- 1865 *Saponaria caespitosa* purplish-pink 5-15cm >
- 1866 *Saponaria cypria* pink to 15cm 100
- 1867 *Saponaria pumilio* pink-purple 1-5cm 87

- 1868 *Sarracenia hybrid* (vigorous) 15-60cm 81  
1869 *Sarracenia rubra* green-maroon pitcher/maroon-red flr 12-75cm 180  
1870 *Saruma henryi* soft yellow 45-60cm 126  
1871 *Saruma henryi* (moist packed) soft yellow 40-60cm 11 186  
1872 *Satureja spicigera* white 5-10cm 100  
1873 *Sauromatum venosum* purplish brown-yellowish mottled spathe 20-100cm 196  
1874 *Saussurea alpina* purplish red 20-70cm 67  
1875 *Saussurea iodostegia* purple 10-80cm 194  
1876 *Saxifraga 'April Blush'* (granulata x mossy) pink 8cm 48  
1877 *Saxifraga cespitosa* (ex Iceland) white 5cm 29  
1878 *Saxifraga cochlearis* 'Minor' white 10-20cm 55 119  
1879 *Saxifraga cotyledon* white 30-60cm 63 177  
1880 *Saxifraga crustata* off white/cream to 30cm 118  
1881 *Saxifraga fortunei* 'Akibare' ruby-red 24-40cm 197  
1882 *Saxifraga fortunei* 'Beni No Taki' red 24-40cm 197  
1883 *Saxifraga fortunei* v alpina (hort) pink 25-40cm 197  
1884 *Saxifraga hostii* white 20-60cm 177  
1886 *Saxifraga longifolia* white 10-70cm 105  
1887 *Saxifraga longifolia* x callosa 177  
1888 *Saxifraga luteo-purpurea* (x) (ex Pyrenees) 51  
1889 *Saxifraga marginata* v rocheliana white-pink 12cm 72  
1890 *Saxifraga oppositifolia* pink-purple 2cm 60 67  
1891 *Saxifraga paniculata* white-cream to 30cm 33 34 177  
1894 *Saxifraga paniculata* 'Lutea' pale yellow to 30cm 177  
1895 *Saxifraga paniculata* 'Minutifolia' white 5cm 34 63  
1896 *Saxifraga paniculata* 'Rex' cream-white flr/red stems 20-25cm 177  
1897 *Saxifraga stribnyi* dark purple to 12cm 55  
1899 *Saxifraga 'Whitehill'* white 20-30cm 29  
1900 *Scabiosa africana* mauve 30-100cm 188  
1901 *Scabiosa atropurpurea* burgundy/white stamens 40-60cm 61  
1902 *Scabiosa columbaria* blue-purple 30-60cm 84  
1903 *Scabiosa columbaria* mix 30-60cm 129  
1904 *Scabiosa drakensbergensis* white/pinkish to 125cm 129  
1905 *Scabiosa graminifolia* lilac-blue 20-30cm 32  
1906 *Scabiosa japonica* pink 50cm 10  
1907 *Scabiosa japonica* 'Ritz Blue' blue-lilac 10-20cm 88 89 132  
1908 *Scabiosa japonica* v alpina lavender-blue 20cm 147  
1909 *Scabiosa lucida* lilac-blue/pink 15-30cm 103  
1910 *Scabiosa ochroleuca* cream-yellow 60-90cm 132  
1911 *Scabiosa* sp white 75cm 33  
1912 *Scabiosa stellata* pale blue flr/papery seed head 45-90cm 144  
1913 *Scabiosa vestina* purple 10-30cm 25  
1914 *Schisandra chinensis* white flr/red frt to 8m 38  
1915 *Schivereckia podolica* white to 25cm 87  
1917 *Schlumbergera gaertneri* pink 20cm 70  
1918 *Scilla amoena* blue 10-30cm 117  
1919 *Scilla litardierei* blue-violet 15-20cm 32 63 68  
1921 *Scilla peruviana* violet-blue 15-40cm 128  
1922 *Scilla verna* violet-blue 5-15cm 63  
1923 *Scopolia carniolica* f hladnikiana greenish yellow to 60cm 117  
1924 *Scrophularia macrantha* bright red 40-110cm 177  
1925 *Scrophularia vernalis* yellowish green 20-80cm 106 139  
1926 *Scutellaria alpina* blue-violet/purple-white 10-30cm 36 186  
1927 *Scutellaria altissima* blue-violet/purple 30-60cm 190  
1928 *Scutellaria baicalensis* red-purple/blue-purple 30cm 87 164  
1930 *Scutellaria incana* blue-purple 60-90cm 21 57  
1932 *Scutellaria oreophila* pale yellow 12-20cm 41  
1933 *Scutellaria orientalis* yellow flr/grey woolly lvs to 30cm 101  
1935 *Scutellaria parvula* v leonardii blue-violet 7-20cm 5  
1936 *Scutellaria resinosa* deep violet-blue flr/grey-green lvs 10-20cm 101 177  
1937 *Scutellaria suffrutescens* 'Texas Rose' rose-red 10-15cm 68  
1938 *Sedum anacampseros* red-purple 10-30cm 96  
1939 *Sedum hybridum* (ex Kazakhstan) yellow 15cm 177  
1940 *Sedum kamtschaticum* yellow to 15cm 21  
1941 *Sedum kamtschaticum* 'Weihenstephaner Gold' yellow-pinkish flr/silvery grey-green lvs 7.5-10cm 121  
1942 *Sedum lanceolatum* yellow 3-18cm 87  
1943 *Sedum litorale* yellow to 30cm 177  
1944 *Sedum niveum* white/pink streaks to 5cm 177  
1945 *Sedum populifolium* white-pale pink tinged 15-45cm 139  
1947 *Sedum rupestre* ex 'Angelina' yellow flr/golden lvs 10-15cm 186  
1948 *Sedum spathulifolium* yellow 3-14cm 63 177  
1949 *Sedum stelliforme* white tinged purple 5-12cm 161  
1950 *Sedum tatarinowii* white-pinkish 8-15cm 177  
1951 *Seemannia nematanthodes* red-orange 30cm 81  
1952 *Sempervivum arachnoideum* bright rose-red to 8cm 177  
1953 *Sempervivum 'Beautiful'* white-red flr/red-brown tipped lvs 2-15cm 186  
1954 *Sempervivum calcareum* 'Mrs. Giuseppi' pale pink flr/red-tipped lvs to 10cm 177  
1955 *Sempervivum heuffelii* pale yellow 7-20cm 117  
1956 *Sempervivum hybrids* mixed 136  
1957 *Sempervivum wulfenii* lemon yellow 15-25cm 177  
1959 *Senecio oxyriifolius* pale-golden yellow 40-110cm 46  
1960 *Senna hebecarpa* yellow 50-200cm 116  
1961 *Senna marilandica* yellow 90-180cm 189  
1962 *Serratula tinctoria* ssp seoanei pinkish-purple 25-30cm 169  
1963 *Seseli gummiferum* white-pink tinged flr/grey lvs to 90cm 187  
1964 *Seseli* sp (tall thread-leaf) 177  
1965 *Sesleria heufleriana* 30-70cm 97  
1967 *Sidalcea oregana* ssp hydrophila bright pink 30-90cm 48  
1969 *Silene alpestris* white 12-20cm 55 74 157  
1970 *Silene asterias* carmine red to 50cm 63  
1971 *Silene atropurpurea* deep pink-purple 40-60cm 33  
1972 *Silene baccifera* greenish-white flr/black frt 50-150cm 106  
1973 *Silene chalconica* orange 35-100cm 142  
1974 *Silene compacta* dark pink-purple 20-70cm 1  
1975 *Silene coronaria* magenta-pink flr/grey felted lvs 40-100cm 112 177 189  
1976 *Silene coronaria* white 40-100cm 49  
1977 *Silene dioica* bright pink 30-60cm 67 166 189  
1978 *Silene flos-cuculi* pink 20-90cm 130  
1980 *Silene flos-jovis* mix 30-45cm 117  
1981 *Silene flos-jovis* pink 30-45cm 157 181  
1982 *Silene hookeri* pink 5-14cm 33 45  
1984 *Silene nutans* white 20-40cm 36  
1985 *Silene ovata* white 30-150cm 161  
1986 *Silene regia* red 50-160cm 45 80  
1989 *Silene* sp (hybrid) pink 10cm 63  
1990 *Silene suecica* bright pink 5-35cm 16 87 121  
1991 *Silene suksdorfii* off-white/tinged purple 3-15cm 36  
1992 *Silene uniflora* 'Compacta' white-light pink flr/grey-green lvs 10-15cm >  
1993 *Silene viscaria* rose pink/purple 30-60cm 79  
1994 *Silene zawadskii* white 15-30cm 36 41 180  
1995 *Silphium asteriscus* v simpsonii yellow 25-110cm 113  
1996 *Silphium laciniatum* yellow 1-3m 91 176 177  
1997 *Silybum marianum* red-purple flr/white veined lvs 30-200cm 172  
1999 *Sinopodophyllum hexandrum* mix 15-60cm 2 63 195  
2000 *Sinopodophyllum hexandrum* pale pink flr/mottled lvs 15-60cm 168  
2001 *Sinopodophyllum hexandrum* pink 15-60cm 49  
2002 *Sisyrinchium angustifolium* blue to 45cm 97 158  
2003 *Sisyrinchium bellum* white 38cm 165  
2004 *Sisyrinchium californicum* yellow 5-40cm 157  
2005 *Sisyrinchium macrocarpum* yellow/brown ring to 20cm 168 177  
2006 *Sisyrinchium palmifolium* yellow 30-60cm 161  
2007 *Sisyrinchium patagonicum* yellow/brown throat 10-30cm 98 157  
2008 *Soldanella montana* blue-lilac to 15cm 29  
2009 *Solidago caesia* yellow 35-80cm 176  
2010 *Solidago nana* yellow 10-50cm 103  
2011 *Solidago odora* yellow 60-120m 139  
2012 *Solidago ptarmicoides* white 10-40cm 74  
2013 *Solidago virgaurea* yellow 5-60cm 67  
2014 *Sophora flavescens* white-pale yellow 1-2m 38  
2018 *Sparaxis villosa* cream-yellow/violet-purple 12-35cm 70  
2019 *Sphaeromeria capitata* yellow flr/grey woolly lvs 5-20cm 177  
2020 *Spiloxene serrata* white 6-30cm 70  
2021 *Sporobolus heterolepis* 30-70cm 151 187  
2025 *Stachys spathulata* rose-purple 7-25cm 85 101 169  
2026 *Stanleya pinnata* yellow 30-120cm 168  
2027 *Stewartia pseudocamellia* white 10-15m 2 102 195  
2028 *Stylophorum diphyllum* yellow to 50cm 168  
2029 *Stylophorum diphyllum* (moist packed) yellow to 50cm 75  
2030 *Stylophorum lasiocarpum* yellow 30-50cm 139  
2031 *Styrax japonicus* white 4-8m 124  
2032 *Styrax obassia* white 10-14m 57 65 124

- 2033 *Succisa pratensis* (dwarf form) violet-blue 5-15cm 100  
 2034 *Symphotrichum* (Aster) *oblongifolium* rose/lavender/deep purple 10-80cm 2  
 2035 *Syneilesis aconitifolia* pink-white 70-120cm >  
 2037 *Talinum* 'Kingwood Gold' pink flr/chartreuse lvs 45-60cm 189  
 2038 *Tanacetum albipannosum* white flr/silver lvs 35cm 177  
 2039 *Tanacetum armenum* white to 10cm 101 177  
 2040 *Tanacetum aureum* yellow flr/grey-green lvs 27-37cm 164  
 2042 *Tanacetum corymbosum* (ex country of Georgia) white 90cm 171  
 2043 *Tanacetum macrophyllum* white 30-90cm 177  
 2044 *Tanacetum parthenium* 'Aureum' white flr/chartreuse lvs to 30cm 12  
 2045 *Taraxacum albidum* white to 40cm 89  
 2046 *Taraxacum faeroense* yellow flr/red-black lvs to 15cm 134  
 2047 *Taraxacum pseudroseum* pink/yellow center 10-20cm 160  
 2051 *Tellima grandiflora* greenish white-pinkish red 40-90cm 45 74 120  
 2052 *Tetraneuris herbacea* yellow 6-35cm 177  
 2053 *Teucrium botrys* pink-purple 10-30cm 177  
 2054 *Teucrium flavum* yellow 30-60cm 47  
 2055 *Teucrium hircanicum* deep purple-reddish 45-60cm 47 139  
 2056 *Teucrium orientale* lilac-blue 20-50cm 62  
 2058 *Thalictrum aquilegifolium* lilac-purple to 90cm 139  
 2059 *Thalictrum dasycarpum* white 40-150cm 154  
 2060 *Thalictrum delavayi* white/pink to 2m 77  
 2061 *Thalictrum flavum* ssp *glaucum* yellow flr/blue-green lvs 60-150cm 88 89  
 2062 *Thalictrum heliophilum* blue-grey lvs 14-50cm 177  
 2063 *Thalictrum isopyroides* greenish flr/blue-grey lvs 15-50cm 120  
 2064 *Thalictrum minus* greenish-yellow/purple-tinted 30-90cm 177  
 2065 *Thalictrum minus* 'Adiantifolium' creamy yellow 30-90cm 154  
 2066 *Thalictrum rochebruneum* lavender-purple 120-180cm >  
 2067 *Thalictrum rochebruneum* 'Lavender Mist' lavender-purple flr/dark stems to 1.8m 23  
 2068 *Thalictrum speciosissimum* yellow flr/blue-grey lvs 90-150cm 104  
 2070 *Thermopsis lupinoides* yellow 50-80cm 177  
 2071 *Thermopsis villosa* yellow 90-150cm 189  
 2072 *Thymus seravschanicus* pinkish lilac 4-6cm 54  
 2073 *Tigridia vanhouttei* cream/purple-brown veins to 70cm 146  
 2074 *Tithonia rotundifolia* orange-red 120-180cm 24  
 2077 *Townsendia glabella* white 1-5cm 37  
 2078 *Townsendia hookeri* white 1-3cm 55 101 107  
 2079 *Townsendia hookeri* white/pink 1-3cm 101  
 2080 *Townsendia hookeri* white/yellow 1-3cm 170  
 2081 *Townsendia incana* (cf) 60  
 2084 *Townsendia montana* mix 2cm 100 131  
 2085 *Townsendia montana* pink 2cm 157  
 2086 *Townsendia montana* violet 2cm 36  
 2087 *Townsendia parryi* blue-purplish 5-12cm 101  
 2088 *Townsendia rothrockii* blue-purplish 1-3cm 101  
 2089 *Townsendia rothrockii* lilac/mauve 1-3cm 48  
 2090 *Townsendia rothrockii* white/purple 1-3cm 173  
 2091 *Townsendia rothrockii* white/yellow 5-10cm 170  
 2092 *Townsendia* sp white 5-10cm 108  
 2093 *Townsendia spathulata* white-pinkish 1-2cm 162  
 2095 *Tricyrtis* ex 'Angel's Halo' white/lilac spots to 1m 2  
 2096 *Tricyrtis hirta* white/purple spots 60-90cm 189  
 2098 *Tricyrtis* 'White Towers' white 30-75cm 189  
 2099 *Trifolium repens* 'Dragon's Blood' white flr/green-white-red splashed lvs 10cm 70  
 2100 *Trillium chloropetalum* red 20-65cm 190  
 2102 *Trillium erectum* red/maroon-dark purple 15-60cm 99 195  
 2104 *Trillium flexipes* hybrid (moist packed) red flr/white ovary 20-50cm 186  
 2105 *Trillium flexipes* x *sulcatum* 99  
 2106 *Trillium grandiflorum* white 15-30cm 73 151  
 2109 *Trillium parviflorum* white 17-30cm 126  
 2110 *Trillium parviflorum* x *kurabayashii* white 17-30cm 99  
 2113 *Trillium* sp (sessile type) (moist packed) dark maroon/fragrant 20cm 186  
 2115 *Triteleia hendersonii* yellow-white fades to blue 10-35cm 99  
 2116 *Triteleia laxa* (giant form) lavender 80cm 18  
 2117 *Trollius chinensis* 'Golden Queen' orange-yellow 60-90cm 45  
 2118 *Trollius hondoensis* yellow-orange 40-100cm 62 157  
 2119 *Trollius irtuticus* orange-yellow 20-60cm 81  
 2120 *Trollius pumilus* yellow to 25cm 138  
 2124 *Tulipa clusiana* white/red-pink 15-30cm 118  
 2125 *Tulipa clusiana* 'Cynthia' pale yellow/pink-red reverse to 30cm 118 163  
 2126 *Tulipa clusiana* f *cashmeriana* white/red-pink reverse 15-30cm 96  
 2127 *Tulipa clusiana* v *chrysantha* yellow/red reverse 13-30cm 119  
 2128 *Tulipa cretica* white/pink 5-10cm 60  
 2129 *Tulipa humilis* lilac-pink/yellow base to 20cm 184  
 2130 *Tulipa kaufmanniana* mix 15-25cm 8  
 2131 *Tulipa linifolia* red 10-20cm 63  
 2132 *Tulipa sprengeri* bright red/scarlet 20-40cm >  
 2133 *Tulipa sylvestris* yellow to 45cm 32  
 2134 *Tulipa tarda* yellow/white tips 5-20cm 79  
 2135 *Tulipa vvedenskyi* (x) 'Goldmine' dark yellow-dark base flr/striped lvs to 25cm 107  
 2137 *Uvularia grandiflora* (moist packed) yellow 20-75cm 186  
 2139 *Veratrum formosanum* dark purple 30cm 177 187  
 2140 *Veratrum lobelianum* (ex Sarajevo) yellow 100cm 59  
 2141 *Veratrum nigrum* black-purple to 1m 177  
 2142 *Veratrum viride* deep green-yellow 50-200cm 31  
 2143 *Verbascum arcturus* yellow w/purple stamens/woolly lvs 30-70cm 144 173  
 2144 *Verbascum blattaria* 'White Blush' (PI) white-pale pink/deep purple stamens to 100cm 54  
 2145 *Verbascum bombyciferum* yellow flr/grey-white felted lvs 150-180cm 177  
 2146 *Verbascum chaixii* 'Album' white/purple center to 1m 123  
 2147 *Verbascum nigrum* yellow 50-150cm 122  
 2148 *Verbascum roripifolium* yellow to 1.2m 177  
 2149 *Verbascum sinuatum* yellow to 1m 177  
 2150 *Verbascum* sp mixed white/purple 60cm 28  
 2151 *Verbena hastata* blue-violet 35-150cm 139  
 2152 *Verbena stricta* blue-purple flr/grey-green lvs 60-120cm 139  
 2153 *Vernonia arkansana* pink-purple 80-120cm 113  
 2154 *Vernonia gigantea* purple 80-200cm 113  
 2156 *Vernonia noveboracensis* purple 80-120cm 180  
 2157 *Veronica allionii* deep blue-violet 5-15cm 15 89  
 2158 *Veronica bachofenii* blue 20-30cm 139  
 2159 *Veronica bullii* cream-pale yellow 15-30cm 5  
 2161 *Veronica* 'Giles van Hees' reddish-pink 7-15cm 169  
 2162 *Veronicastrum virginicum* white 80-200cm 139  
 2163 *Viburnum nudum* 'Brandywine' white flr/pink-blue frt to 180m 189  
 2164 *Viburnum sieboldii* cream flr/red-black frt 4-6m 135  
 2165 *Viola biflora* yellow 3-20cm 3  
 2167 *Viola cornuta* violet-blue 20-30cm 29  
 2169 *Viola elatior* light blue 20-50cm 8  
 2170 *Viola kamtschadalorum* pale violet-purple 20-30cm 3  
 2171 *Wahlenbergia undulata* bluish mauve-pale blue/white to 60cm 167  
 2172 *Wulfenia carinthiaca* deep violet-blue 20-30cm 157  
 2173 *Xanthisma* (Aster) *coloradoense* pink-purple 2.5-14cm 54  
 2174 *Zephyranthes drummondii* white 12-40cm 4 40 56  
 2175 *Zephyranthes* 'Grand Jax' light pink 175  
 2177 *Zephyranthes Labuffarosa* Group mix 175  
 2178 *Zephyranthes macrosiphon* Hidalgo Form deep pink 25cm 135  
 2179 *Zephyranthes morrisclintii* rose pink 25cm 40  
 2181 *Zephyranthes* sp (ex Tamaulipas, Mexico) white 30cm 188  
 2182 *Zinnia grandiflora* yellow 8-22cm 87 177  
 2183 *Zizia aurea* yellow 40-75cm >
- WILD COLLECTED:**  
 3002 *Actaea pachypoda* Connecticut: Ivy Mtn, Goshen 166  
 3003 *Actaea podocarpa* Virginia: New River, Grayson Co 127  
 3005 *Actaea rubra* white 75cm Oregon: Scar Mtn 1463m 159  
 3006 *Adonis ramosa* Japan: Kanuma 197  
 3007 *Agastache occidentalis* lavender-blue 50-65cm Washington: E Cascade Range, Yakima Co 198  
 3008 *Agave parryantha* (x) (*parryi* x *chrysantha*) yellow 60cm Arizona: Yavapai Co 161  
 3009 *Agoseris glauca* yellow 30cm Oregon: Mt Bachelor 1829m 159  
 3010 *Allium acuminatum* rose-violet 15cm Washington: E Cascade Range, Yakima Co 1037m 198  
 3011 *Allium aflatunense* pink 1m Kyrgyzstan: Fergana Ridge 1860m 199  
 3013 *Allium cernuum* pink/purple/white 30cm Pennsylvania: Allegheny Co 160  
 3014 *Allium nevii* lavender-pink 15cm Washington: Wenatchee Mtns, Kittitas Co 1908m 198  
 3017 *Allium stellatum* 30-60cm Minnesota: Big Stone Co 154  
 3021 *Andryala ragusina* yellow 30cm Portugal: South 164

- 3023 *Anemone multifida* white 35cm Washington: Gallagher Head Lake 31  
3024 *Anemone virginiana* white 1m Michigan: Kent Co 151  
3025 *Angelica archangelica* green 100cm Norway: Lodingen 240m 138  
3026 *Angelica arguta* white 100cm Oregon: Coffin Mtn 1524m 159  
3027 *Anthyllis vulneraria* ssp *lapponica* yellow 7cm Norway: Harstad 10m 138  
3028 *Antirrhinum majus* purple 50cm France: Gard 164  
3029 *Antirrhinum multiflorum* rose-red/tan 50-75cm California: Santa Lucia Mtns, Monterrey Co 1367m 198  
3030 *Arabidopsis lyrata* white 20cm Pennsylvania: Beaver Co 160  
3031 *Arisaema triphyllum* Connecticut: Southeast 174  
3032 *Arisaema triphyllum* Virginia: New River, Grayson Co 127  
3033 *Arisaema triphyllum* green 50cm New Jersey 91m 90  
3034 *Arisaema triphyllum* green/brown/purple 75cm Pennsylvania: Allegheny Co 160  
3035 *Armeria arenaria* pink France: Sainte Victoire 164  
3036 *Artemisia michauxiana* silver 30cm Canada: Princeton, BC 170  
3037 *Asclepias tuberosa* yellowish orange 75cm Pennsylvania: Allegheny Co 160  
3038 *Bouteloua curtipendula* 60cm Minnesota: Big Stone Co 154  
3039 *Bouteloua hirsuta* 20cm Minnesota: Big Stone Co 154  
3040 *Boykinia major* white 70cm Oregon: Scar Mtn 1341m 159  
3042 *Calochortus amabilis* yellow 25cm California: Ukiah 26  
3043 *Calochortus venustus* bright rose-violet 20-25cm California: Greenhorn Mtns, Kern Co 1667m 198  
3044 *Caltha leptosepala* white 20cm Canada: Osprey Lake, BC 170  
3045 *Camassia leichtlinii* blue Canada: Victoria, BC 98  
3046 *Camassia quamash* blue Canada: Victoria, BC 98  
3047 *Carex atrata* brown 30cm Norway: Harstad, seaside 138  
3048 *Carex pensylvanica* Massachusetts: Harwich 74  
3049 *Castilleja hispida* red 40cm Montana: John Long Mtns, Granite Co 123  
3050 *Castilleja linariifolia* 30cm Colorado: San Miguel Co 37  
3051 *Castilleja miniata* red 30cm Canada: Erris, BC 170  
3052 *Castilleja miniata* red 40cm Oregon: Scar Mtn 1463m 159  
3053 *Catananche caerulea* purple 40cm France: Gard 164  
3056 *Chimaphila maculata* Connecticut: Southeast 174  
3058 *Chrysopsis mariana* yellow 30cm North Carolina: Guilford Co 102  
3059 *Cistus creticus* pink 60cm + Israel: Judaen Hills 157  
3060 *Clarkia speciosa* ssp *polyantha* rose-pink/red-violet splotch 20-30cm California: Greenhorn Mtns, Kern Co 1677m 198  
3063 *Clematis occidentalis* light blue 100cm Montana: Lake Koocanusa 31  
3065 *Colutea arborescens* yellow 2m France: Gard 164  
3069 *Dasyliiron wheeleri* tan 100cm Arizona: W of Apache Junction 161  
3070 *Delphinium lineapetalum* blue-violet/white 15-25cm Washington: Wenatchee Mtns, Kittitas Co 1860m 198  
3071 *Delphinium multiplex* dark blue-violet 50-75cm Washington: Wenatchee Mtns, Kittitas Co 1860m 198  
3072 *Delphinium nuttallianum* blue-purple 15-20cm Washington: E Cascade Range, Yakima Co 1742m 198  
3073 *Diplacus grandiflorus* yellow-gold to pale orange 30-50 California: Santa Lucia Mtns, Monterrey Co 1367m 198  
3074 *Dodecatheon conjugens* v *conjugens* rose-violet 5-10cm Washington: Wenatchee Mtns, Kittitas Co 1900m 198  
3075 *Dodecatheon hendersonii* pink Canada: Victoria, BC 98  
3076 *Dodecatheon pulchellum* purple 15cm Colorado: Vail 173  
3079 *Ehrendorferia* (*Dicentra*) *chrysantha* dark yellow 1m California: Breckenridge Mtns, Kern Co 1493m 198  
3081 *Ephedra torreyana* yellow/green 50cm Colorado: Rangely 37  
3082 *Epilobium ciliatum* ssp *glandulosum* pink 20cm Ohio: Vinton Co 5  
3083 *Eranthis pinnatifida* Japan: Kanuma 197  
3084 *Eremurus altaicus* creamy 150cm Kyrgyzstan: Talas Ala Tau 1580m 199  
3085 *Eriastrum densifolium* v *elongatum* bright lavender-blue 20-30cm California: S Sierra Nevada, Kern Co 1614m 198  
3086 *Ericameria bloomeri* yellow 30cm Oregon: Mt Bachelor 1829m 159  
3088 *Eriogonum heracleoides* v *leucophaeum* pink/white dwarf form 15-20cm Washington: Wenatchee Mtns, Kittitas Co 1900m 198  
3090 *Erythronium grandiflorum* yellow 25cm Colorado: Pitkin Co 37  
3091 *Erythronium grandiflorum* ssp *grandiflorum* yellow 30cm Washington: E Cascade Range, Yakima Co 1704m 198  
3092 *Erythronium oregonum* cream Canada: Victoria, BC 98  
3093 *Erythronium oregonum* cream 25cm Canada: Victoria, BC 99  
3094 *Erythronium revolutum* violet-pink 15-40cm Canada: Campbell River, Vancouver Island, BC 98  
3095 *Eucephalus* (*Aster*) *ledophyllus* purple 50cm Oregon: Coffin Mtn 1707m 159  
3096 *Eurybia* (*Aster*) *macrophylla* white 45-60cm Maine: Jackson 49  
3097 *Eurybia* (*Aster*) *macrophylla* white 25-30cm Michigan: Kent Co 151  
3098 *Eutrochium* (*Eupatorium*) *fistulosum* pink 120cm North Carolina: Watauga Co 102  
3099 *Ferocactus* sp 150cm Arizona: Mazatzal Mtns 161  
3100 *Frasera albicaulis* pale blue 40cm Montana: John Long Mtns, Granite Co 123  
3101 *Frasera speciosa* green/white 150cm Colorado: San Miguel Co 37  
3102 *Frasera speciosa* white/purple specks 100-150cm Washington: E Cascade Range, Yakima Co 1723m 198  
3103 *Fremontodendron californicum* dark yellow 2m Arizona: Mazatzal Mtns, Gila Co 1794m 198  
3104 *Fritillaria affinis* Washington: Cowlitz Co 30  
3105 *Fritillaria affinis* brown-red 30cm Washington: Cowlitz Co 19  
3106 *Fritillaria affinis* chocolate Canada: Ruxton Island, BC 98  
3107 *Fritillaria affinis* tan 30cm California: Ukiah 26  
3108 *Fritillaria atropurpurea* white/brown checkered 50cm Idaho: Bitterroot Mtns 123  
3109 *Fritillaria pudica* bright yellow 5-10cm Washington: E Cascade Range, Yakima Co 1704m 198  
3112 *Gillenia trifoliata* white 40cm Ohio: Vinton Co 5  
3113 *Gladiolus dubius* purple 30cm France: Gard 164  
3114 *Hedysarum alpinum* purple 45cm Maine: St Francis 152  
3116 *Hesperoyucca whipplei* cream-white 2-3m scapes California: Piute Mtns, Kern Co 1898m 198  
3117 *Heterotheca villosa* v *villosa* yellow 15cm Canada: Saskatchewan 131  
3118 *Heuchera cylindrica* cream 50cm Montana: John Long Mtns, Granite Co 123  
3119 *Heuchera cylindrica* v *alpina* pale yellow 10-15cm Washington: Wenatchee Mtns, Kittitas Co 1935m 198  
3120 *Hosackia crassifolia* purple 100cm Oregon: Cascade Mtns 1219m 159  
3121 *Hymenothrix dissecta* yellow 45cm Colorado 111  
3122 *Hypericum hirsutum* Czech Republic: SE Moravia 139  
3123 *Hypoxis hirsuta* yellow 10-15cm Virginia: New River, Grayson Co 127  
3125 *Iris missouriensis* purple 40cm Colorado: near Lizard Head Pass 3048m 152  
3126 *Juniperus deppeana* 10-15m Arizona: Sierra Ancha Mtns, Gila Co 1862m 198  
3127 *Juniperus oxycedrus* tree France: Gard 164  
3128 *Keckiella breviflora* v *breviflora* cream-pink, rose-purple lined 50-100cm California: Santa Lucia Mtns, Monterrey Co 1362m 198  
3132 *Liatris punctata* Colorado: Boulder Co 103  
3133 *Liatris punctata* lavender 35cm Minnesota: Big Stone Co 154  
3135 *Liatris scariosa* purple 1m Ohio: Marion Co 80  
3136 *Liatris spicata* purple 60-90cm Alabama: Baldwin Co, Bog 92  
3137 *Liatris spicata* purple 1m Ohio: Marion Co 80  
3138 *Liatris tenuifolia* purple 60-120cm Alabama: Baldwin Co, back dunes 92  
3139 *Lilium columbianum* orange 30-40cm Canada: Chain Lake, BC 170  
3140 *Lilium columbianum* orange Canada: Port Renfrew, BC 98  
3141 *Lilium rubescens* white fading to pink 120cm California: Napa 145  
3143 *Lobelia cardinalis* red 60-100cm New Jersey: Morris Co 180  
3144 *Lobelia siphilitica* Virginia: New River, Grayson Co 127  
3145 *Lobelia siphilitica* blue 25cm Michigan: Barry Co 151  
3146 *Lomatium columbianum* pink-purple 30-45cm Washington: E Cascade Range, Yakima Co 907m 198  
3147 *Lomatium dissectum* yellow 100cm Montana: Garnet Mtns, Missoula Co 123  
3148 *Lomatium repostum* maroon 25cm California: Napa 145  
3150 *Lomatium utriculatum* yellow 7.5cm Canada: Victoria, BC 99  
3151 *Maianthemum* (*Smilacina*) *racemosum* white 40-50cm Maine: Jackson 49  
3153 *Maurandya antirrhiniflora* rose-red 100cm weak climber Arizona: Mazatzal Mtns, Maricopa Co 198  
3154 *Mentzelia laevicaulis* yellow 50cm Idaho: Snake River Plain, Owyhee Co 982m 198  
3155 *Mertensia virginica* blue/purple 90cm Alaska: Matanuska Valley, Palmer 29  
3156 *Monardella breweri* ssp. *lanceolata* violet 15-30cm annual California: Greenhorn Mtns, Kern Co 1616m 198  
3157 *Monardella odoratissima* ssp *discolor* rose-violet 15-20cm Washington: E Cascade Range, Yakima Co 198

## Surplus Seed List

- 3158 *Monotropa uniflora* Connecticut: Southeast 174
- 3159 *Nicotiana attenuata* white/red-violet tube 50-75cm annual Utah: Pine Valley Mtns, Washington Co 1457m 198
- 3160 *Nolina microcarpa* white 90cm Arizona: Corduroy Creek 161
- 3161 *Nolina microcarpa* white 150cm Arizona: Sierra Ancha Mtns, Gila Co 1888m 198
- 3162 *Olsynium douglasii* pink Canada: Victoria, BC 98
- 3163 *Osyris alba* orange 50cm France: Gard 164
- 3165 *Papaver californicum* orange 60cm California: Napa 145
- 3167 *Paris quadrifolia* Finland: Pyharanta 195
- 3168 *Penstemon acuminatus* v *latebracteatus* dark blue 30-50cm Idaho: Snake River Plain, Owyhee Co 970m 198
- 3169 *Penstemon ambiguus* ssp *laeissimus* pale pink Utah: Pine Valley Mtns, Washington Co 1463m 198
- 3171 *Penstemon cardwellii* purple 20cm Oregon: Coffin Mtn 1463m 159
- 3172 *Penstemon centranthifolius* red 40-65cm California: Santa Lucia Mtns, Monterey Co 1537m 198
- 3173 *Penstemon cinicola* purple 25cm Oregon: Mt Bachelor 1676m 159
- 3174 *Penstemon confertus* light yellow 15-25cm Washington: Wenatchee Mtns, Kittitas Co 1900m 198
- 3176 *Penstemon eatonii* ssp *exsertus* red 50cm Arizona: Sierra Ancha Mtns, Gila Co 1621m 198
- 3177 *Penstemon eatonii* ssp *undosus* red 50cm Utah: Pine Valley Mtns, Washington Co 1463m 198
- 3178 *Penstemon euglaucus* purple 40cm Oregon: Mt Bachelor 1676m 159
- 3179 *Penstemon fruticosus* pink-purple 20cm Canada: Chain Lake, BC 170
- 3180 *Penstemon fruticosus* purple 25cm Montana: Bitterroot Mtns 123
- 3181 *Penstemon fruticosus* v *fruticosus* violet-red 15cm Washington: E Cascade Range, Yakima Co 1861m 198
- 3182 *Penstemon gairdneri* v *gairdneri* rose-purple 12-15cm Washington: Wenatchee Mtns, Kittitas Co 1175m 198
- 3183 *Penstemon grinnellii* ssp *scrophularioides* lavender-violet flr/glaucous blue lvs 50-75cm California: Breckenridge Mtns, Kern Co 1655m 198
- 3184 *Penstemon higginsii* lavender 15-25cm Utah: Pine Valley Mtns, Washington Co 1707m 198
- 3185 *Penstemon humilis* ssp *brevifolius* Utah: Summit Co 2900m 54
- 3186 *Penstemon humilis* v *humilis* blue-violet 20-25cm Washington: E Cascade Range, Yakima Co 1861m 198
- 3187 *Penstemon laetus* v *laetus* purple-blue 15-25cm California: Greenhorn Mtns, Kern Co 1667m 198
- 3189 *Penstemon palmeri* v *eglandulosus* pink 100-120cm Utah: Pine Valley Mtns, Washington Co 1263m 198
- 3190 *Penstemon parvulus* dark blue 25cm California: Scott Bar Mtns, Siskiyou Co 584m 198
- 3191 *Penstemon procerus* purple 20cm Oregon: Coffin Mtn 1524m 159
- 3192 *Penstemon pruinosis* dark blue 15cm Washington: Wenatchee Mtns, Kittitas Co 1935m 198
- 3193 *Penstemon rostriflorus* scarlet 40-50cm California: Breckenridge Mtns, Kern Co 2056m 198
- 3194 *Penstemon sepalulus* lavender-violet 30cm Utah: Wasatch Range, Utah Co 2138m 198
- 3195 *Penstemon serrulatus* purple 40cm Oregon: Scar Mtn 1463m 159
- 3196 *Penstemon speciosus* purple 50cm Oregon: Deschutes Co 1372m 159
- 3197 *Penstemon wilcoxii* blue 70cm Idaho: Bitterroot Mtns 123
- 3198 *Petrophytum caespitosum* pink/white 30cm Colorado: Garfield Co 37
- 3199 *Phacelia suaveolens* yellow/purple 20cm California: Napa 145
- 3200 *PheMERANTHUS calycinus* pink 8cm Virginia: Albemarle Co 14
- 3202 *Plectritis congesta* pink Canada: Nanaimo, Vancouver Island, BC 98
- 3203 *Polemonium californicum* blue 20cm Washington: Wenatchee Mtns, Kittitas Co 1935m 198
- 3204 *Polemonium foliosissimum* v *alpinum* white 100cm Utah: Wasatch Range, Wasatch Co 2415m 198
- 3205 *Polygonatum biflorum* Connecticut: Ivy Mtn, Goshen 166
- 3206 *Polygonatum biflorum* white 45-100cm Michigan: Kent Co 151
- 3210 *Purshia tridentata* yellow 200cm Montana: Lake Koocanusa 31
- 3212 *Pyrola americana* Connecticut: Southeast 174
- 3216 *Rhaponticum coniferum* deep pink 40cm France: Gard 164
- 3217 *Rhus coriaria* green 3m France: Gard 164
- 3218 *Rhynchospora latifolia* white bracts 30-90cm Alabama: Baldwin Co, Bog 92
- 3220 *Rosa rugosa* (PI) pink 150cm Maine: at sea level 90
- 3223 *Rudbeckia occidentalis* black 100cm Oregon: Coffin Mtn 1433m 159
- 3224 *Rudbeckia triloba* yellow 90cm Pennsylvania: Clairton 57
- 3225 *Salvia pratensis* (PI) Czech Republic: SE Moravia 139
- 3226 *Santolina decumbens* yellow 50cm France: Sainte Victoire 164
- 3227 *Santolina* sp yellow 50cm Portugal: South 164
- 3232 *Sidalcea hickmanii* ssp *napensis* pale pink 30cm California: Napa 145
- 3233 *Silene douglasii* white 25cm Oregon: Coffin Mtn 1524m 159
- 3234 *Silene guntensis* white-pinkish 10-15cm Kyrgyzstan: E Kyrgyz AT 2500m 199
- 3236 *Silene subciliata* red 100cm Texas: Hardin Co 161
- 3237 *Smilax lasioneura* white climber Canada: Saskatchewan 131
- 3239 *Solidago caesia* yellow 60cm Michigan: Kent Co 151
- 3240 *Sorbus aria* white flr tree France: Gard 164
- 3241 *Sorbus californica* white flr/orangish frt Washington: Snoqualmie Pass 930m 134
- 3243 *Sporobolus cryptandrus* 30-40cm Minnesota: La Qui Parle Co 154
- 3244 *Sporobolus heterolepis* 60cm Minnesota: Big Stone Co 154
- 3246 *Streptopus amplexifolius* green 130cm Washington: Monte Cristo 31
- 3247 *Tanacetum bipinnatum* ssp *bipinnatum* yellow 25cm Maine: St Francis 152
- 3248 *Teucrium chamaedrys* Czech Republic: SE Moravia 139
- 3249 *Teucrium flavum* ssp *flavum* yellow 60cm France: Gard 164
- 3250 *Toxicoscordion exaltatum* white/gold 50cm California: Piute Mtns, Kern Co 1563m 198
- 3251 *Trichostema dichotomum* blue 15-30cm New Jersey: Essex Co 180
- 3252 *Trillium erectum* Connecticut: Ivy Mtn, Goshen 166
- 3253 *Trillium erectum* (moist packed) Virginia: New River, Grayson Co 127
- 3254 *Trillium grandiflorum* 50cm Michigan: Antrim Co, near Alba 7
- 3260 *Tulipa kaufmanniana* red/yellow 20-40cm Kyrgyzstan: Chatkal AT 2000m 199
- 3262 *Vaccaria hispanica* pink 50cm France: Gard 164
- 3263 *Veratrum viride* green 200cm Oregon: Little Lava Lake 1524m 159
- 3264 *Verbesina alternifolia* yellow 180cm Pennsylvania: Champion 57
- 3265 *Vernonia missurica* purple 90-200cm Michigan: Kent Co 151
- 3266 *Vernonia noveboracensis* purple 180cm New York: Chautauqua Co 57
- 3267 *Viola rupestris* Czech Republic: SE Moravia 139
- 3269 *Yucca elata* white New Mexico: Hidalgo Co 161
- 3270 *Zizia aurea* yellow 40-75cm Michigan: Kent Co 151
- 3280 *Tulipa heterophylla* Kryrgyzstan: Fergana 3300m 200
- 3281 *Tulipa* sp 30 cm Kryrgyzstan: Chatkal Valley 1500m 200