

## Abutilon-Allium

- 1 **Abutilon** vitifolium white/pale lilac to 8m 227  
2 **Acaena** caespitosa red 5-10cm 66  
3 sericea purple fls/silver lvs 6-25cm 66  
4 **Acantholimon** acerosum pink 5-10cm 271  
5 araxanum pink 15-20cm 271  
6 armenum pink/white 10-20cm 271 274  
7 bracteatum v capitatum pink 4-18cm 250  
8 caryophyllaceum white-purple-pink 30cm 274  
9 glumaceum pink 10-15cm 131  
10 kotschyi ssp laxispicatum pink 5-10cm 274  
11 litvinovii pale pink 5-15cm 268 271  
12 venustum pink 10-15cm 271 274  
13 **Acanthus** mollis mauve/white 120cm 169  
14 **Acer** mandschuricum 10m 154  
15 palmatum v dissectum 'Crimson Queen' to 3m 204  
16 spicatum green-yellow 6m 235  
17 **Achillea** ageratifolia ssp aizoon white 15cm 47  
18 aleppica ssp zederbaueri yellow 5-15cm 66  
19 ambrosiaca white 10-15cm 42  
20 filipendulina ex Uzbekistan yellow 150cm 226  
21 fraasii ssp troiana white 15-30cm 66  
22 holosericea x kellereri (NV) 31  
23 ptarmica white to 150cm 224  
24 sipikorensis white 10-20cm 66  
25 **Aciphylla** dieffenbachii yellow to 1m 30  
26 **Acis** autumnalis white w/pink base 8-15cm 160 177  
27 nicaeensis white 5-18cm >  
28 valentina white 15-25cm 85  
29 **Aconitum** anthora yellow 60-75cm 47 183  
30 hemsleyanum purple 1.5-2m 35  
31 lycoctonum ssp lycoctonum yellow 55-90cm 206  
32 lycoctonum ssp neopolitanum cream yellow 60-120cm 228  
33 napellus blue to 1.5m 267  
34 napellus 'Album' white 1m 31  
35 sachalinense blue-purple 60-120cm 218  
36 sczukinii blue 1.5m 168  
37 yezoense blue-purple 80cm 209  
38 **Acorus** calamus green to 1.75m 189  
39 **Actaea** matsumurae 'Elstead Variety' white 120cm 204  
40 pachypoda white flr/white frt 80cm >  
41 racemosa white 75-250cm 140  
42 rubra large red fruit 80cm 29  
43 rubra white flr/red frt 70-90cm 14 70  
44 simplex Atropurpurea Group white flr/dark lvs 40-150cm 275  
45 simplex 'Brunette' white flr/dark purple lvs to 120cm 275  
46 **Adenophora** bulleyana pale blue 90cm 31 162  
47 nikoensis v stenophylla pale blue 20-40cm 209  
48 triphylla v japonica blue 40-100cm 218  
49 **Adlumia** fungosa mix to 4m 29  
50 **Adonis** cyllenea yellow 30cm 178  
51 vernalis yellow 10-20cm 54  
52 **Aeonium** glandulosum yellowish 10cm 131  
53 **Aethionema** armenum pink 10-20cm 159  
54 caespitosum pink-lilac 3-10cm 66  
55 capitatum pink 5-15cm 228  
56 glaucinum pink 5-10cm 66 109  
57 grandiflorum pink to 30cm >  
58 grandiflorum Pulchellum Group pink to 20cm 131 200  
59 oppositifolium pink 5cm 217  
60 saxatile pink/white 10-30cm 149 159 275  
61 saxatile ssp graecum pink 5-13cm 99  
62 schistosum pink 13-18cm 230 268  
63 subulatum pink 10cm 250  
64 'Warley Rose' rose-pink 10-15cm 227  
65 kotschyi pink 10-15cm 251  
66 **Agapanthus** africanus blue 25-60cm 96  
67 'Lilliput' violet-blue 20-60cm 191  
68 **Agastache** cana rose-pink 30-90cm 249  
69 mearnsii rosy-lavender 60cm 249  
70 mexicana rose-red 60cm 20  
71 nepetoides greenish yellow to 1.8m 205 264  
72 **Agastache** pringlei pink/dull rose purple 20-80cm 12  
73 rugosa rose/violet to 120cm 20 224  
74 rugosa f albiflora white 60cm 3  
75 rugosa 'Golden Jubilee' blue-purple/chartreuse lvs 100cm 224  
76 rugosa 'Honey Bee Blue' blue 60-90cm 12  
77 rupestris pink-orange 60cm 152 231 249  
78 **Agave** havardiana yellow-green .5-7m 250  
79 **Ageratina** occidentalis pink/bluish/white 15-70cm 180  
80 **Akebia** quinata (PI) purplish to 12m 274  
81 quinata 'Variegata' cream marbled lvs to 12m 275  
82 **Albuca** flaccida yellow 40-100cm 231  
83 humilis white/green 15cm 73  
84 humilis ex Omigod Pass, S Africa hardy/Connecticut 95  
85 namaquensis yellow/green 30cm 77  
86 shawii yellow 45cm 24 35  
87 spiralis pale yellow-green 20-40cm 37  
88 **Alcea** hohenackeri pale yellow 120-170cm 226  
89 **Alchemilla** erythropoda greenish-yellow 15-20cm 230  
90 **Aletris** farinosa white 40-100cm 7  
91 **Allium** acuminatum pink-rose purple 10-35cm 107  
92 aflatunense purple 1m 31 56 76  
93 akaka off white 15cm 148  
94 bolanderi reddish purple 10-35cm 214  
95 caeruleum blue 20-30cm 275  
96 caesium violet-blue 35-50cm 52  
97 carinatum ssp pulchellum mauve 30-50cm 197  
98 cernuum mix 10-50cm 29  
99 cernuum pink 10-50cm >  
100 cernuum pink/white 10-50cm 51 132 180  
101 cernuum white 10-50cm 96  
102 cernuum 'Pink Giant' pink 20cm 223  
103 cristophii purple-violet to 40cm >  
104 cuthbertii pink 20-40cm 44  
105 cyaneum violet-blue 10-45cm 167  
106 cyathophorum purple 15cm 177  
107 cyathophorum v farreri red-purple 25cm 60 96  
108 flavum yellow 8-30cm 22 142 275  
109 flavum ssp tauricum mix 15-30cm >  
110 giganteum ex Pamir Tajikistan rose 50cm 252  
111 hollandicum purple 85cm 121  
112 hollandicum 'Purple Sensation' rosy-purple to 90cm 31 204  
113 insubricum pink-purple to 30cm 147  
114 karataviense lavender 10-25cm 234  
115 karataviense mix 10-25cm 47 60 275  
116 karataviense whitish 8-18cm 53 181  
117 karataviense 'Ivory Queen' white 25cm 176  
118 karataviense ssp henrikii reddish-purple 20-30cm 85  
119 moly 'Jeannine' yellow 30cm 256 277  
120 narcissiflorum pink 20-30cm >  
121 narcissiflorum large flowered form dark pink-purple 38cm 277  
122 neapolitanum white 30cm 3 176  
123 nutans lilac/rose-pink 30-60cm 11 258  
124 obliquum chartreuse 60-100cm 132  
125 oreophilum pink-purple 5-20cm 161  
126 oreophilum (aff) white 15cm 112  
127 ovalifolium v leuconeurum white flr/white veins on lvs 25cm 7  
128 ovalifolium v ovalifolium white/pink 30-60cm 132  
129 pallasii pale red/purple 15-30cm 161  
130 platycaule bright pink 7-25cm 52  
131 roseum pink 30-60cm 132  
132 saxatile cream 20-40cm 32  
133 schoenoprasum 'Corsican White' white 20cm 84  
134 schoenoprasum f albiflorum white 10-60cm 187  
135 schubertii lavender 30cm 62  
136 schubertii rose-purple 30-60cm 176 275  
137 senescens lilac-pink 10-40cm 142 184  
138 sibthorpiatum silvery pink 5-8cm 32  
139 sp deep purple 90cm 78  
140 sp lavender 35cm 208  
141 sp light pink 25cm 275  
142 sphaerocephalon red to 90cm 31 183

## **Allium-Aquilegia**

- 143 **Allium** splendens rose-purple 25-40cm 88 148  
144 stellatum deep pink 20-50cm 275  
145 stellatum ex Renville Co MN white 50cm 141  
146 tanguticum purple/lavender 30-40cm 181  
147 texanum white 40-60cm 214  
148 thunbergii rose-purple 30-40cm 3  
149 togashii pink 10-15cm 250 275  
150 tricoccum white 10-40cm 153  
151 tuberosum white 25-45cm 212  
152 unifolium bright pink 20-80cm 116  
153 vavilovii white 25cm 172  
154 zebdanense white 25-40cm 275  
155 **Aloe** bellatula pale coral-red to 60cm 278  
156 ecklonis red/yellow to 50cm 35  
157 **Alonsoa** incisifolia deep scarlet 30-90cm 222  
158 **Alopecurus** lanatus to 30cm 250  
159 **Alstroemeria** aurea orange/yellow to 1m 69  
160 aurea yellow 50cm 215  
161 pelegrina pink-crimson 8-25cm 178  
162 presliana ssp australis deep pink 30-50cm 239  
163 psittacina green/dark red to 90cm 177  
164 **Alyssoides** utriculata yellow 40cm >  
165 **Alyssum** ovirense yellow 12cm 198  
166 oxycarpum yellow/silver lvs 5-10cm 70  
167 pulvinare yellow to 15cm 80  
168 serpyllifolium yellow to 30cm 31  
169 sp white 30cm 177  
170 sp ex Czech seed yellow 10-15cm 148  
171 sp ex S. Africa yellow 45-50cm 148  
172 spinosum white 15-30cm 225  
173 stribnyi yellow/silver lvs 6-25cm 268  
174 **Amianthus** muscitoxicum white 30-120cm 153  
175 **Ammi** visnaga white 20-80cm 250  
176 **Amorpha** fruticosa dark purple to 4m 20  
177 **Ampelopsis** aconitifolia frt blue-orange to 6m 275  
178 brevipedunculata v maximowiczii 'Elegans' (PI) purple-turquoise frt to 6m 275  
179 **Amsonia** elliptica pale blue 40cm 20 242  
180 hubrichtii light blue 60-90cm 164 29 259  
181 illustris light blue 60-90cm 250  
182 tabernaemontana blue to 1m 87 164 208  
183 tabernaemontana v salicifolia pale blue 60-90cm 164  
184 **Anacampseros** sp not hardy zone 8 pale coral 18cm 139  
185 **Anagallis** monellii blue 10-50cm 67  
186 **Anaphalis** alpicola white 10-20cm 141  
(Androsace-see also Douglasia)  
187 **Androsace** albana mix 5-25cm 47 66  
188 albana pink 5-25cm 104  
189 bulleyana red to 20cm 227  
190 carnea pink 2-7cm 22 188  
191 carnea alba white 2-7cm 225 227  
192 carnea ssp brigantiaca white to 12cm 22 207  
193 carnea ssp rosea pink 2-7cm 243  
194 ciliata pink/violet 2cm 45  
195 cylindrica white 2cm 22  
196 cylindrica x hirtella white 5-10cm 149  
197 halleri pink 7cm 70  
198 hausmannii white-pale pink 1cm 191  
199 hirtella white 3cm 178  
200 lactiflora milky white 7-20cm 234  
201 laggeri deep pink 10cm 70 209  
202 mathildae white 4cm 42  
203 'Millstream' hybrid pink & white 5cm 32  
204 obtusifolia white to 15cm 92 209 225  
205 pedemontana (x) white 10cm 99  
206 sarmentosa rose-mauve pink 12-22cm 207  
207 septentrionalis white 8-25cm 244  
208 septentrionalis 'Stardust' white 10-25cm 164  
209 villosa white 3cm 74  
210 **Andryala** agardhii yellow to 15cm 74  
211 **Anemone** altaica white 10-20cm 11 146  
212 **Anemone** baldensis white 5-12cm 31 42 250  
213 coronaria red 15-45cm 35  
214 crinita white 10-50cm 83  
215 cylindrica greenish white 20-60cm 31  
216 drummondii white 10-25cm 22 66  
217 hortensis pink-mauve 20-45cm 191  
218 lesseri (x) mix to 20cm 275  
219 lesseri (x) rose to 20cm 31  
220 leveillei white to 60cm 14  
221 lithophila white/blue 10-25cm 66  
222 multifida cream-yellow 30cm >  
223 multifida mix 30cm 60 96  
224 multifida red 30cm 6 76  
225 multifida white 30cm 244  
226 multifida (cf) yellow 20cm 223  
227 multifida 'Annabella Deep Rose' rose 20-30cm 29 275  
228 multifida 'Rubra' red 30cm 128  
229 multifida v multifida mix 30-70cm 66  
230 narcissiflora white 40cm 97  
231 narcissiflora ssp biarmiensis white 15-35cm 31  
232 occidentalis cream 10-60cm 206  
233 palmata yellow to 30cm 149 275  
234 parviflora white 10-30cm 66  
235 polyanthes white 10-30cm 63  
236 rivularis white/blue reverse 20-60cm 23 114 172  
237 rupicola white-pink/violet reverse 15-30cm >  
238 sibirica white 15-30cm 275  
239 sylvestris white 15-30cm 6 161 202  
240 trullifolia mix 3-20cm 22  
241 trullifolia yellow 3-20cm 22  
242 virginiana white 30-60cm 22  
243 **Anemonella** thalictroides white 10-30cm 22 95  
244 thalictroides (moist packed) pink 10-30cm 275  
245 thalictroides (moist packed) white 10-30cm 275  
246 **Angelica** atropurpurea white flr to 2m 235  
247 grayi white 80cm 223 226  
248 stricta 'Purpurea' lavender-ruby flr/dark lvs 120cm 236  
(Anomatheca-see Freesia)  
249 **Antennaria** dioica pink/white 3-10cm 31 245  
250 dioica white 3-10cm 126  
251 parvifolia white 10cm 80  
252 rosea rose-white 10-40cm 39 123  
253 rosea ssp confinis cream/red 9-25cm 141 275  
254 **Anthemis** marschalliana yellow 10-20cm 31  
255 tinctoria 'E.C. Buxton' pale yellow 60cm 224  
256 **Anthericum** liliago white to 60cm >  
257 ramosum white to 60cm 160 198  
258 sp white 90cm 176  
259 **Anthriscus** sylvestris 'Ravenswing' white/dark leaves to 90cm >  
260 **Antirrhinum** hispanicum white/pink 10-30cm 245  
261 hispanicum ssp hispanicum white/pink 10-30cm 104  
262 majus ex Sierra De Cadi Spain red 40cm 131  
263 **Aplectrum** hyemale green-yellow/purple-brown 18-50cm 275  
264 **Aquilegia** atrata hybrids dark purples 30cm 262  
265 barnebyi pink-yellow 30-80cm 262  
266 bertolonii blue-violet 20-30cm >  
267 bertolonii hybrid blue 15-20cm 22  
268 'Blue Berry' blue 10-15cm 66 102  
269 brevistyla blue/white-pale yellow 20-80cm 276  
270 buergeriana yellow/brown-purple 50-80cm 147 277  
271 buergeriana 'Calimero' purple/yellow 15-20cm 29 39 275  
272 canadensis red/yellow 15-90cm 84 129 206  
273 canadensis 'Little Lanterns' red/yellow to 30cm 4  
274 canadensis 'Nana' red/yellow 15-20cm 22 163  
275 canadensis 'Pink Lanterns' pink 30cm 59  
276 chaplinei pale yellow 20-50cm 147 214 275  
277 chrysantha yellow 40-120cm 31 139  
278 coerulea blue/white 15-80cm 15 262  
279 coerulea v ochroleuca white-pale blue 15-80cm 66  
280 Cottage Garden Mix mix 116  
281 discolor blue/white 10-30cm >

## **Garden Collected**

## Aquilegia-Asclepias

- 282 **Aquilegia** ecalcarata plum 20-40cm >  
283 ecalcarata f bicolor pale pink/white 20-45cm 175  
284 ecalcarata 'Flore-Pleno' wine-purple 40cm 59  
285 ecalcarata hybrids purple 30-40cm 131  
286 flabellata blue 10cm 104  
287 flabellata blue/white to 60cm 142  
288 flabellata blue-purple to 60cm 65 190  
289 flabellata double white 25cm 39  
290 flabellata Cameo Series mix 15cm 66  
291 flabellata (cf) blue 25cm 84  
292 flabellata 'Blue Angel' blue-violet/white 15-20cm 203  
293 flabellata 'Ministar blue/white to 25cm 31 181  
294 flabellata v pumila blue/white 15cm 22 182 225  
295 flabellata v pumila white 15cm 225  
296 flabellata v pumila 'Mt Horohoro form' 15cm 66  
297 flabellata v pumila f kurilensis blue-white 15cm 22  
298 flabellata v pumila 'Rosea' pink 15cm 66  
299 flavescens yellow 20-60cm 262  
300 formosa red/yellow 50-100cm >  
301 fragrans white/light purple 80cm 94 262  
302 hybrid white 30cm 181  
303 jonesii blue 3-12cm 245 95  
304 karelinii hybrids reddish-purple/pink 45cm 262  
305 laramiensis cream/white 5-25cm 29 45  
306 'Leprechuan Gold' violet flr/gold var lvs to 60cm 59  
307 McKana Group mix 60-75cm 45  
308 'Oranges and Lemons' red/orange/yellow 60-90cm 59  
309 ottonis ssp amaliae blue-violet/white 20-30cm 66  
310 ottonis ssp amaliae x flavescens? blue/yellow 45cm 262  
311 oxysepala purple/yellow to 80cm 200  
312 'Pink Pearl' (nv) pale pink 60cm 161  
313 pyrenaica blue 10-30cm 66  
314 pyrenaica ssp cazorlensis blue 15-25cm 66  
315 saximontana blue/cream to 20cm 80 84 250  
316 saximontana hybrid 84  
317 scopulorum blue/white 5-30cm 32 66 178  
318 scopulorum hybrid pale blue-white 35cm 4  
319 shockleyi x baikalensis dome form red/yellow 30cm 29  
320 sp double white 50cm 165  
321 viridiflora brown/green to 45cm 45  
322 viridiflora hybrid brown-yellow 50-60cm 147  
323 vulgaris pink 30-90cm 254  
324 vulgaris white 30-90cm 58  
325 vulgaris (Vervaeana Group) mix w/gold variegated lvs 60cm 121  
326 vulgaris 'Clementine Dark Purple' dark purple 30-45cm 148  
327 vulgaris 'Clementine Salmon Rose' salmon pink-lavender 45cm 59  
328 vulgaris Grandmother's Garden Group short spur mix 60-90cm 53  
329 vulgaris 'Limefrost' dark purple flr/variegated lvs 30-60cm 91  
330 vulgaris v flore-pleno 'Dorothy Rose' double pink 60-75cm 39  
331 vulgaris v flore-pleno 'Frisly Dilly' mix 30-75cm 39  
332 vulgaris v stellata salmon rose 45cm 39  
333 vulgaris v stellata Barlow Series green tipped purple to 90cm 191  
334 vulgaris v stellata 'Black Barlow' dark purple-black to 75cm 39  
335 vulgaris v stellata 'Blue Barlow' violet blue to 90cm 39  
336 vulgaris v stellata 'Nora Barlow' pink/cream to 90cm 39 275  
337 **Arabis** androsacea white 4-8cm 225 250  
338 blepharophylla rose-purple 20cm 67  
339 bryoides white 2-6cm 80  
340 parishii purple/lavender 3-14cm 80 217  
341 scopoliana white 5-10cm 31  
342 **Aralia** elata whitish to 14m 20 168  
343 spinosa white to 12m 43  
344 **Arbutus** unedo whiteflr/red frt to 10m 3  
345 **Arcterica** nana white 5-15cm 193  
(Arenaria-see also Eremogone, Minuartia)  
346 **Arenaria** acerosa white/purple 10-15cm 109  
347 grandiflora white 5-15cm 66 80 109  
348 hookeri ssp desertorum white 2.5cm 80  
349 kingii white 10-20cm 80 109  
350 montana white 10-15cm 31  
351 norvegica white 3-7cm 65  
352 **Arenaria** pseudacantholimon white 15cm 241  
353 purpurascens pale purple 10cm 66  
354 **Argemone** munita white 40-160cm 243 250  
355 polyanthemos white 40-80cm 83  
356 sp white 70cm 176  
357 **Arisaema** amurense green-white/carmine to 50cm 108 196 241  
358 ciliatum v liubaense carmine/green stripe to 90cm 119  
359 consanguineum green/purple to 1.8m 24  
360 erubescens red-brown/green & white stripe to 80cm 24  
361 fargesii red-brown/white 60cm 203  
362 flavum yellow 20-30cm >  
363 flavum ssp abbreviatum yellow to 40cm 147 233  
364 heterophyllum green 1m 108 275  
365 jacquemontii green/white to 80cm 24 146  
366 serratum v serratum white/green 40cm 145  
367 sikokianum carmine-white to 70cm 70 142 280  
368 thunbergii purple-green to 60cm 70  
369 tortuosum green/purple to 120cm 14 24  
370 triphyllum green/purple with white stripes 60-90cm 275  
371 **Aristea** ecklonii blue 40-90cm 174 231  
372 **Aristolochia** clematitis dull green-yellow to 1m 274  
373 **Armeria** alliacea red purple/white 20-50cm 188  
374 alliacea ex Italy Dolomites pink 15cm 163  
375 euscadiensis ex Patagonia pink 15cm 131  
376 juniperifolia pale pink 2-5cm 131 275  
377 juniperifolia 'Alba' white 7.5cm 84  
378 juniperifolia 'Bevan's Variety' rose-pink 5cm 57  
379 juniperifolia 'Brno' pink 5cm 84  
380 juniperifolia 'Sugar Baby' pink 7cm 99  
381 maritima pink to 20cm 67 76  
382 maritima 'Alba' white 15-30cm 79 84  
383 maritima 'Dusseldorfer Stolz' deep pink 10-15cm 116  
384 maritima 'Ministick White' white 10-20cm 230  
385 maritima 'Rubrifolia' rosy pink 15-20cm 99  
386 pseudarmeria mix 25-50cm 188 274  
387 pseudarmeria white 25-50cm 117  
388 'Red Faery' red 5cm 274  
389 **Arnica** angustifolia ssp alpina yellow 25cm 65  
390 lessingii yellow 8-35cm 64  
391 **Artemisia** absinthium white to 1m 20  
392 caucasica yellow to 30cm 250  
393 indica v momiyamae white 1m 68  
394 tridentata ssp tridentata yellow to 2m 250  
395 tridentata ssp vaseyana yellow 50-100cm 262  
396 tripartita ssp tripartita yellow 20-150cm 250  
397 **Arthropodium** candidum 'Purpureum Nanum' white 15cm 29  
398 cirratum white 30-60cm 3  
399 **Arum** 'Chameleon' gray green/green lvs to 40cm 177  
400 cyrenaicum green/purple 30cm 85  
401 dioscoridis v cyprium pale green 13-50cm 7  
402 italicum green-yellow/white 40cm 196 265 273  
403 italicum ssp albispalum white to 40cm 7  
404 korolkowii green spathe/reddish spadix 50-60cm 7  
405 maculatum pale green 15-25cm 199  
406 maculatum v maculatum green/purple 40cm 145  
407 orientale pale green/purple 13-33cm 177  
408 **Aruncus** aethusifolius cream 20-40cm 29  
409 parvulus white-light yellow 30cm 157  
(Asarina-see also Maurandella)  
410 **Asarina** procumbens cream/yellow 5cm >  
411 scandens purple 2m 79  
412 **Asarum** wagneri (moist-packed) white-light green 3-15cm 275  
413 **Asclepias** curassavica red-orange/yellow 60-90cm 136  
414 hirtella white-green 40-100cm 16  
415 incarnata pink-mauve to 1.5m 164 197 275  
416 incarnata 'Alba' white to 1.75m 199  
417 incarnata 'Ice Ballet' white to 120cm 192  
418 purpurascens purple-red to 1m 16  
419 rubra red/mauve to 1.5m 44  
420 tuberosa mix-red/orange/yellow to 1m 263  
421 tuberosa orange to 1m >

## Asclepias-Campanula

- 422 **Asclepias** tuberosa 'Hello Yellow' yellow 50-60cm 128  
423 **Asimina** triloba maroon flr/large green frt to 11m 29  
424 **Asphodeline** damascena white/pink 60cm 238  
425 liburnica yellow to 60cm 87  
426 lutea yellow to 130cm 87 229  
427 taurica ex Bolkar Dag Turkey white 40cm 252  
428 **Asphodelus** aestivus white to 2m 72  
429 albus white/pink to 1m >  
430 ramosus white to 150cm 229  
431 **Asplenium** trichomanes 10-20cm 128  
(Aster-see also Eucephalus, Eurybia, Ionactis, Oreostemma, Sericocarpus, Symphyotrichum, Xanthisma)  
432 **Aster** alpinus lavender to 30cm 12 103  
433 alpinus mauve 20cm 78  
434 alpinus mix to 30cm >  
435 alpinus violet blue to 30cm 63 259  
436 alpinus (compact form) purple-yellow 15cm 159  
437 alpinus flore plenus (NV) 84  
438 alpinus 'Happy End' rose-pink 30cm 99 127  
439 alpinus 'Trimix' blue 25cm 39  
440 alpinus v albus white 15cm 84 200  
441 flaccidus blue-mauve 15-20cm 47 126 225  
442 himalaicus purple-blue 15-30cm 88 250  
443 likiangensis mauve-purple 15cm 66 274  
444 tongolensis pale blue 30cm 31 190  
445 **Astilbe** chinensis v pumila rosy-mauve to 30cm 31  
446 crispa 'Lilliput' (x) light salmon pink 15-20cm 210  
447 **Astragalus** amphioxys v vespertinus purple-pink 2-10cm 86  
448 chamaeleuce purple-pink 10cm 86  
449 crassicaulis purple/lilac/cream to 40cm 82  
450 membranaceus cream-yellow 90cm 20  
451 mollissimus ex Abajo Mt UT 109  
452 **Astrantia** major white/rose to 80cm 127 136 210  
453 maxima pink 40-60cm 127  
454 minor white/tinged red 40cm 127  
455 'Roma' soft pink 60-90cm 190  
456 **Asyneuma** limonifolium violet-blue 30-60cm 132 250  
457 virgatum blue-violet 30-70cm 250  
458 **Athamanta** turbith white 30-50cm 141  
459 turbith ssp haynaldii white 30-50cm 132  
460 **Athyrium** filix-femina 'Lady in Red' red stem 45-60cm 12  
461 filix-femina 'Victoriae' 45-60cm 12  
462 niponicum v pictum 'Regal Red' 30-45cm 217  
463 **Atraphaxis** buxifolia white-rose red 1m 271  
464 caucasica white/pink-red 30-80cm 66 271  
465 muschketowii white/pale pink 2.4m 271  
466 **Aubrieta** pinardii purple 5-15cm 250  
467 **Aurinia** saxatilis yellow 20-30cm 67 184 254  
468 **Azorina** vidalii pink to 50cm 170  
469 **Babiana** bainesii blue-mauve 10-20cm 14  
470 odorata cream/yellow 5-15cm 14  
471 pygmaea yellow/purplish brown center to 10cm 14  
472 ringens red 15-40cm 211  
473 stricta purple 10-20cm 24 211  
474 vanzyliae yellow-mauve 4-12cm 14  
475 **Baccharis** halimifolia (PI) white 1-3m 29  
476 **Ballota** acetabulosa white/rose-purple 40-90cm 87  
477 nigra v foetida lilac-pink to 2m 54  
478 **Balsamorhiza** deltoidea yellow 20-90cm 231  
479 **Baptisia** alba v macrophylla white 1-1.8m 256 273  
480 australis blue to 1.5m >  
481 **Barleria** obtusa (zone 8 hardy) blue 1m 41  
482 **Beesia** calthifolia white/pinkish 14-58cm 161  
483 **Begonia** grandis ssp evansiana pink 60-100cm 275  
484 grandis ssp evansiana 'Heron's Pirouette' deep pink 45cm 275  
485 sutherlandii orange 10-80cm 275  
486 **Belamcanda** chinensis yellow 60-90cm 152  
487 chinensis yellow-orange/red spots 60-90cm >  
488 **Bellevalia** romana creamy white to 30cm >  
489 **Bellium** minutum white 5cm 99  
490 **Bergenia** stracheyi 'Alba' white 15cm 250  
491 **Bergeranthus** jamesii yellow 5cm 35 250  
492 **Berkheya** purpurea purple-lilac to 80cm 20  
493 purpurea 'Zulu Warrior' mauve to 60cm 183  
494 **Beschorneria** septentrionalis red/green 120-150cm 44  
495 toneliana red to 120cm 21  
496 **Betula** medwedewii to 6m 1  
497 ovalifolia 2m 1  
498 sp dwarf ex China 250  
499 utilis v jacquemontii to 20m 128  
500 **Biarum** tenuifolium purple-green to 20cm 106  
501 **Blechnum** australe 60cm 177  
502 spicant 20-45cm 12 40  
503 **Bletilla** striata magenta to 60cm 14  
504 striata 'Albostriata' magenta flr/white-edged lvs to 60cm 275  
505 **Bomarea** salsilla crimson to 15cm 35  
506 **Bornmuellera** tymphaea white 10-15cm 66  
507 **Bouteloua** curtispindula 8-80cm 249 250  
508 gracilis 10-60cm 230  
509 **Boykinia** aconitifolia white 15-80cm 116  
510 **Brachyscome** iberidifolia white/blue/purple 5-45cm 37  
511 **Brimeura** amethystina bright blue 15cm 107 116  
512 amethystina mix 15cm 139  
513 amethystina 'Alba' white 15cm 107  
514 **Brodiaea** coronaria violet-purple 4-25cm 201  
515 elegans bluish purple-violet 10-50cm 20 214  
516 **Browallia** americana violet/white 60cm 184  
517 **Buglossoides** purpureo-caerulea blue to 60cm 87  
518 **Bukiniczia** cabulica pink flr/white veined lvs 8cm 22 80 239  
519 **Bulbinella** cauda-felis white to 80cm 278  
520 hookeri yellow 40-90cm 116  
521 **Bupleurum** fruticosum yellow to 3m 87  
522 spinosum yellow 30cm 250  
523 **Calandrinia** acaulis white 2-5cm 66  
524 colchaguensis pink 5-10cm 66  
525 feltoni magenta 50  
526 umbellata violet-magenta 5-20cm 63 105  
527 **Calceolaria** andina deep yellow 20-35cm 35 105  
528 biflora yellow 10-45cm 35  
529 fiebrigiana yellow 50cm 5  
530 mexicana yellow 20-50cm 212 230  
531 sp yellow small 278  
532 tenella yellow to 8cm 227  
533 **Callianthemum** kernerianum white/pale pink 8cm 22  
534 kernerianum Mt Baldo Form pink-white 10cm 22  
535 **Callicarpa** bodinieri v giraldii 'Profusion' lavender flr/  
violet frt to 1.8m 274  
536 **Callirhoe** digitata rose purple 120cm 249  
537 involucrata magenta 15-30cm 101 102 227  
538 **Calochortus** albus v rubellus dark rose 20-80cm 178  
539 barbatus yellow/purple 10-30cm 138  
540 catalinae white-lilac 20-60cm 93  
541 luteus yellow 20-50cm 215  
542 luteus 'Golden Orb' yellow 15-50cm 250 278  
543 plummerae pink 30-60cm 93  
544 sp. mixed 250  
545 superbus whitish-lavender/purple 40-60cm 251  
546 'Symphony' white-pale pink 30-60cm 278  
547 venustus mix 10-60cm 278  
548 weedii orange-yellow 30-90cm 93  
549 **Calydorea** pallens light blue 25cm 41  
550 **Calylophus** hartwegii ssp fendleri yellow 30cm 100  
551 serrulatus pale yellow 10-60cm 158  
552 **Camassia** cusickii pale blue 50-80cm 17  
553 leichtlinii blue 20-130cm 177  
554 leichtlinii 'Alba' white 20-130cm 75 267  
555 leichtlinii ssp leichtlinii cream 20-130cm 17 115  
556 leichtlinii ssp suksdorfii blue-violet 20-130cm 17  
557 sp dark blue 35cm 215  
558 **Campanula** alliariifolia white to 60cm 146  
559 alpestris deep violet-purple 5-10cm 66 131  
560 anomala dark violet-blue 10-15cm 217

## Garden Collected

## Campanula-Clematis

- 561 **Campanula** argaea lavender 20-40cm 226  
562 aucheri blue-violet 5-10cm 105 109  
563 barbata lavender blue 10-30cm 104 110 132  
564 bellidifolia 'Rosea' pink 10-15cm 225  
565 betulifolia white/pink bud 10-20cm 47  
566 calaminthifolia blue/white 10-15cm 109  
567 carpatica blue 20-40cm 181  
568 carpatica mix 20-40cm 189  
569 chamissonis blue 5-15cm 104  
570 chamissonis 'Major' blue 5-15cm 47  
571 choruhensis white/pink 15cm 66  
572 collina rich purple-blue 15-35cm 157 230  
573 coriacea lilac 5-15cm 109  
574 'Edward Forrest' (ex) pink-white 15cm 66  
575 fenestrellata blue to 15cm 157  
576 glomerata blue-violet to 60cm 31  
577 glomerata v alba white to 60cm 31 230 242  
578 hofmannii cream 30-60cm 22  
579 incurva pale blue 30cm >  
580 incurva white-pale pink 30cm 92  
581 incurva 'Blue Ice' ice blue 30cm 277  
582 lactiflora pale blue to 1.5m 230  
583 lasiocarpa blue-purple 3-15cm 64  
584 latifolia light blue-lavender to 1m 31 22  
585 latifolia 'Brantwood' deep violet-blue 90-120cm 242  
586 latifolia v macrantha violet-blue 1m 78  
587 longistyla 'Isabella' lavender blue 20-25cm 230  
588 lyrata violet-blue to 50cm 226  
589 medium mix to 90cm 31  
590 medium 'Calycanthemum' pink 60-90cm 230  
591 moesiaca lilac-blue 30-40cm 139  
592 olympica violet-blue to 30cm 255  
593 patula violet-pale blue 40-60cm 90  
594 persicifolia alba white to 90cm 31  
595 persicifolia v planiflora blue to 25cm 22  
596 punctata rose-purple/spots 30cm 189  
597 pyramidalis pale blue to 150cm 31  
598 rigidipila blue 30cm 31  
599 rotundifolia blue 10-50cm 31  
600 rotundifolia v alba white to 45cm 202 269  
601 sarmatica pale blue 10-45cm 31 66 218  
602 sartorii white 5-10cm 104  
603 saxifraga deep purple-blue 5-10cm >  
604 saxifraga ex Turkey blue 8cm 104  
605 speciosa mix 30-50cm 105 110  
606 thyrsoides pale yellow to 40cm 22  
607 thyrsoides ssp carniolica pale yellow 60cm 22  
608 trachelium blue 1m 198  
609 trachelium light blue 1m 198  
610 trachelium v alba white to 1m 198  
611 tridentata blue 5-15cm 179  
612 tridentata blue/white 5-15cm 193  
613 troegerae pink buds/white 10-20cm 66  
614 versicolor lilac/purple 20-40cm 66 226  
615 wanneri violet 30cm 73 139 177  
616 zanzegura lavender-violet to 30cm 271  
617 **Campylotropis** macrocarpa purple-pinkish white 1-2m 7  
618 **Cannomois** virgata gold/brown 1.5-5m 118  
619 **Capnoides (Corydalis)** sempervirens pink/yellow to 80cm 177 212  
620 **Capsicum** annum 'Variegatum' variegated lvs to 70cm 171  
621 **Cardamine** californica white-pale rose 20-70cm 151  
622 concatenata white-pale pink 20-40cm 275  
623 pentaphylla pale lilac 30-60cm 277  
624 **Cardiocrinum** cordatum white 1.2-2m >  
625 cordatum v glehnii green-cream/red to 1.5m 24 173 187  
626 giganteum white/streaked purple 1-3m >  
627 giganteum v yunnanense white/purple-red streak 1-3m 24 22 62  
628 **Cardiospermum** halicacabum white to 2m 108  
629 **Carduncellus** pinnatus blue 2-20cm 132  
630 **Carex** appalachica 20-60cm 242  
631 **Carex** melanocephala black-brown 10-20cm 128  
632 mertensii 30-80cm 158  
633 pendula 20-100cm 125  
634 testacea ex New Zealand 30-60cm 2  
635 **Carlina** corymbosa brownish yellow 20-40cm 55  
636 **Carpenteria** californica white 1-3m 6  
637 **Caryopteris** incana ex weeping form blue 1m 3  
638 **Castilleja** coccinea red-orange 12-60cm 16  
639 integra orange-red to 30cm 81  
640 linariifolia red 30-100cm 250  
641 sulphurea light yellow 30-50cm 81  
642 **Catananche** caespitosa yellow 10cm 250  
643 **Caulophyllum** thalictroides yellow-green flr/blue frt 20-90cm 108 29  
644 **Celmisia** allanii white 10cm 31  
645 angustifolia white to 25cm 31  
646 longifolia white 15cm 227  
647 semicordata white 40cm 22  
648 semicordata hybrid white 22  
649 **Centaurea** bagadensis rose-pink 20cm 86  
650 bella lavender pink/purple to 40cm 74  
651 drabifolia yellow 5cm 243  
652 rupestris yellow-orange 30-50cm 197  
653 **Centaurium** confertum rose-pink 10cm 92  
654 erythraea pink 30-45cm 231  
655 scilloides bright pink 7.5cm 174  
656 **Cerastium** tomentosum white to 15cm 126 254  
657 **Cercidiphyllum** japonicum green to 30m 187  
658 **Cercis** racemosa pale pink to 9m 203 259  
659 siliquastrum rose to 10m 162  
660 **Cerinth** major 'Purpurascens' purplish 18-60cm 149  
661 **Chaenorhinum** glareosum violet-lilac to 30cm 109 275  
662 organifolium violet-pale yellow to 50cm 48 102  
663 organifolium 'Blue Dream' lilac-blue 15cm 113  
664 **Chaerophyllum** hirsutum 'Roseum' pink to 120cm 242  
665 **Chamaebatiaria** millefolium white 60-200cm 250  
666 **Chamaecytisus** pygmaeus ex Turkey yellow 30cm 143  
667 **Chamerion (Epilobium)** angustifolium white 1-3m 250  
668 dodonaei pink 30-60cm 48  
669 **Chasmanthium** latifolium to 1m 205 220  
670 **Cheilanthes** argentea 20cm 177  
671 **Chelidonium** majus yellow to 1m 212  
672 majus 'Flore Pleno' yellow to 1m 168  
673 **Chelone** glabra white 60-90cm 205 247  
674 **Chiastophyllum** oppositifolium yellow 15cm >  
675 **Chimonanthus** praecox 'Luteus' yellow to 4m 203  
676 **Chionanthus** virginicus white 3m 154 274  
677 **Chloranthus** henryi (moist packed) white 40-65cm 7  
678 multistachys (moist packed) white 16-50cm 7  
679 **Chlorogalum** pomeridianum white/purple vein 60-250cm 174  
680 **Chrysanthemum** sp ex Morocco 250  
681 **Chrysopsis** mariana (short form) yellow 20cm 259  
(Cimicifuga-see Actaea)  
682 **Cirsium** japonicum (PI) rose pink-lilac to 2m 133  
683 **Cistus** salviifolius white to 60cm 198  
684 **Cladrastis** kentuckea 'Perkins Pink' pink to 15m 259  
685 wilsonii white to 10m 154  
686 **Clarkia** bottae pink-lavender to 1m 236  
687 concinna bright pink to 40cm 272  
688 pulchella pink-lavender 50cm 82  
689 purpurea lavender/pink/red-purple to 1m 272  
690 rubicunda rosy-pink to 1.5m 92 272  
691 tenella deep red to 50cm 177  
692 **Claytonia** sibirica pink 5-40cm 45  
693 virginica white/pink 5-40cm 212  
694 **Clematis** addisonii purple/reddish-purple to 1m 62 241  
695 albicoma whitish-purplish 20-40cm 22  
696 'Albina Plena' double white 3-4m 175  
697 'Alionushka' pink 120-180cm 275  
698 alpina blue-purple to 4m 84 116 210

## Clematis-Cyclamen

- 699 **Clematis** alpina white 2m 84  
700 campaniflora white/violet 3-6m 169 188  
701 chiisanensis yellow 2-3m 1 262  
702 coactilis pale yellow 20-45cm 153  
703 columbiana v columbiana violet-blue 50-150cm 129  
704 columbiana v tenuiloba violet-blue 10cm 22 250  
705 columbiana v tenuiloba 'Ylva' blue 15cm 22  
706 connata soft yellow to 8m 231  
707 crispa lavender 2.5m 189  
708 durandii (x) deep violet-blue to 1.8m 36  
709 fremontii blue-purple 15-45cm 29 241  
710 fusca purple/brown 2m 56 209  
711 glaucophylla deep rose-purplish red to 5m 249  
712 heracleifolia blue to 1.5cm 275  
713 hexapetala white 30-100cm 250  
714 hirsutissima dark violet-blue 15-65cm >  
715 hirsutissima rosy-purple 15-65cm 271  
716 hirsutissima v scottii dark violet-blue 15-65cm >  
717 'Hythe Egret' white 30cm 107  
718 ianthina purplish brown to 3m 189  
719 integrifolia blue-violet to 1m 13 129  
720 integrifolia white to 1m 175 215  
721 integrifolia Lake Baikal Form blue-purple 45cm 241 250 275  
722 integrifolia 'Rosea' pink 1m 175  
723 'Jan Lindmark' purple-mauve 2-2.5m 210  
724 mandschurica white 90-150cm 241  
725 occidentalis v occidentalis reddish violet 25-350cm 239  
726 ochroleuca creamy yellow to 60cm 241  
727 pitcheri purple to 4m 21 241 247  
728 recta white to 1.5m 182  
729 recta 'Purpurea' white flr/bronze lvs to 1.5m 134 167 275  
730 serratifolia soft yellow 3m 189  
731 stans blue/white to 1.8m 241  
732 tangutica gold-yellow to 3m 20  
733 texensis red 2m 101 189  
734 'The President' purple-blue 2.4-3m 210  
735 versicolor lavender/purple-cream 2m 62 241  
736 viorna lavender-purple/cream to 4m 175 241 275  
737 viorna pale pink to 4m 247  
738 viorna pink/cream to 4m 83 128  
739 viorna red-purple 2m 253  
740 **Cleome** arborea yellow 1.2m 151  
741 hassleriana pink 90-180cm 3  
742 marshallii white 50cm 197  
743 serrulata (PI) purple-pink 30-80cm 249  
744 serrulata 'Eleni' (nv) 250  
745 **Clethra** barbinervis white 1-9m 7  
746 **Clitoria** ternatea blue to 3m 63  
747 **Codonopsis** bhutanica pale blue/purple 30-90cm 20 45  
748 clematidea grey-blue 40-50cm >  
749 convolvulacea lavender-blue to 3m 96  
750 forrestii lavender-blue 3.5m 35  
751 grey-wilsonii violet-blue 1-3m 22 196 215  
752 grey-wilsonii 'Himal Snow' white 1-3m 22  
753 lanceolata purple/greenish cream 1m >  
754 ovata soft blue to 20cm 22  
755 pilosula greenish/purple 1.5m 20  
756 sp green 35cm 22  
757 vinciflora lavender-blue to 2m 215  
758 **Colchicum** hungaricum purplish-pink/white to 20cm 121  
759 luteum yellow 10-30cm 275  
760 neapolitanum pink 10cm 106  
761 sp lilac-purple 10-15cm 275  
762 sp ex Albanian Alps 15cm 146  
763 speciosum rose-purple 8-25cm 12  
764 speciosum 'Album' white to 25cm 144  
765 **Collomia** cavanillesii orange-yellow 30cm 38  
766 grandiflora yellow-salmon 30-90cm 109  
767 **Colutea** media (x) bronze/orange to 3m 162 169  
768 persica yellow 2m 87  
769 **Coluteocarpus** vesicaria pinkish white 5-20cm 31 250  
770 **Commelina** elliptica ex Archibald, Argentina blue 23  
771 **Conandron** ramondioides purple-lilac 10-15cm 7  
772 **Conoclinium (Eupatorium)** coelestinum blue-violet to 1m 264  
773 **Consolida** regalis dark blue 20-60cm 58 250  
774 **Convallaria** majalis white 30cm 181  
775 majalis 'Variegata' white flr/gold striped lvs 25cm 50 275  
776 majalis 'Vic Pawlowski's Gold' gold-cream stripes on lvs 25cm 50  
777 **Convolvulus** boissieri ssp compactus rosy-white to 7.5cm 31  
778 cneorum pale pink-white 10-50cm 31  
779 compactus white 8cm 148  
780 suendermannii white-rose to 30cm 31  
781 **Coprosma** brunnea blue frt 30cm 35  
782 **Coreopsis** auriculata 'Nana' orange/yellow to 25cm 126  
783 gladiata yellow 30-70cm 240  
784 leavenworthii yellow 30-70cm 249  
785 verticillata 'Moonbeam' pale yellow 45-60cm 224  
786 **Cornus** kousa 'Miss Satomi' pink 5m 274  
787 kousa 'Triple Crown' white to 4.5m 274  
788 kousa v chinensis 'China Girl' white 3-7m 189  
789 officinalis yellow 5-10m 84  
790 **Coronilla** orientalis yellow to 40cm 87  
791 vaginalis yellow to 50cm 243 262  
792 **Cortusa** matthioli purple-violet 20-35cm >  
793 matthioli 'Alba' white 20-35cm 225  
794 turkestanica deep pink 40-60cm 179  
(Corydalis-see also Capnoides, Pseudofumaria)  
795 **Corydalis** degensis purplish blue 15-30cm 275  
796 magadanica white/greenish-yellow 10-20cm 29  
797 nobilis pale yellow/purple tip to 50cm 71  
798 ophiocarpa cream 30-50cm 59  
799 solida mix to 25cm 198  
800 wilsonii yellow/glaucous lvs 15-20cm 170  
(Coryphantha-see also Escobaria)  
801 **Coryphantha** missouriensis yellow-green/pinkish brown 8cm 193  
802 vivipara rose-pink 2-20cm 141 193 250  
803 vivipara v arizonica pink 10-15cm 100  
804 vivipara v neomexicana 193  
805 **Cotinus** 'Grace' pink flr/dark red lvs 5m 130  
806 **Cotula** hispida yellow-red to 40cm 117  
807 **Cremanthodium** arnicoides yellow 60cm 23 47  
808 **Crepis** incana pink-purple 15-20cm 96  
809 **Crocsmia** 'Lucifer' scarlet 60-120cm 84  
810 sp scarlet 80-90cm 12  
811 sp yellow 40cm 199  
812 **Crocus** banaticus lilac-mauve 10-13cm 202  
813 boryi cream-white 8-11cm 178  
814 flavus ssp dissectus orange-yellow 9-12cm 52  
815 malyi white/yellow throat 10-15cm 228  
816 pulchellus pale/deep blue 12-20cm 228  
817 speciosus lilac/purple 13-25cm 4 202  
818 speciosus medium blue-violet 12cm 234  
819 speciosus white 13-25cm 52  
820 tommasinianus lilac/white 7-13cm 28  
821 tommasinianus 'Albus' white 7-13cm 203  
822 tommasinianus 'Barr's Purple' rich purple-lilac 7-13cm 96  
823 'Zephyr' pale lilac 10cm 106  
824 **Crotalaria** sagittalis yellow 10-40cm 43  
825 **Cryptantha** confertiflora yellow 13-44cm 109  
826 **Cuphea** viscosissima purple to 50cm 35  
827 **Cyathea** dealbata ex New Zealand to 10m 2  
828 **Cyclamen** africanum pink 12cm 242 267  
829 africanum white 12cm 242  
830 balearicum white 10-15cm 19 40 144  
831 cilicium mix 6-12cm 19  
832 cilicium pink 6-12cm >  
833 cilicium white 6-12cm 19  
834 coum magenta 10cm 242  
835 coum mix 10cm >  
836 coum pink 10cm 72

## Garden Collected



## Cyclamen-Dianthus

- 837 **Cyclamen** coum Ashwood Red 10cm 69  
838 coum chevron leaf form 34  
839 coum early flowering purple/dark nose 10cm 145  
840 coum ex BSBE form 1 overall silver leaf 34  
841 coum ex BSBE form 2 dark green tree pattern lvs 34  
842 coum ex CSE pink/white 10cm 34  
843 coum ex CSE 88020 161  
844 coum ex EKB 372 34  
845 coum 'Quaker Pearl' white 34  
846 coum Silver-leaved Group mix 10cm 19 201  
847 coum Silver-leaved Group pink 10cm 29 88  
848 coum ssp caucasicum mix 10cm 19  
849 coum ssp caucasicum pink 10cm 34  
850 coum ssp caucasicum white 10cm 237  
851 coum ssp coum (Pewter Group) 'Maurice Dryden' white 10cm 34 237  
852 coum ssp coum f albissimum white 34  
853 coum ssp coum f pallidum 'Album' white 69  
854 coum 'Tilebarn Elizabeth' rose/pale pink 75  
855 cyprium white/magenta mark 6-20cm 75 144 145  
856 graecum pink 6-16cm >  
857 graecum ex Athens pink 8-15cm 195  
858 graecum ex JCA pink 8-15cm 195  
859 graecum f album white 6-16cm 34  
860 graecum silver leaf form pink 8-15cm 195  
861 graecum ssp graecum pink 10cm 195  
862 graecum ssp graecum ex Crete pink 8-20cm 195  
863 hederifolium mix 8-20cm >  
864 hederifolium pink 8-20cm 22  
865 hederifolium (pewter arrow form) 15cm 177  
866 hederifolium Bowles' Apollo Group mix 15cm 22 75 177  
867 hederifolium f albiflorum white 15cm 22 75  
868 hederifolium 'Lysander' pink 15cm 22  
869 hederifolium 'Ruby Glow' deep magenta 10cm 75  
870 hederifolium 'Silver Arrow' pink 15cm 177  
871 hederifolium 'Silver Cloud' pink flr/silver lvs 15cm 22  
872 hederifolium Silver-leaved Group mix 8-20cm 75  
873 hederifolium Silver-leaved Group pink 8-20cm 201  
874 hederifolium Silver-leaved Group white 8-20cm 201  
875 hederifolium ssp confusum pink 15cm 107  
876 intaminatum mix 5-16cm 19 34 161  
877 intaminatum white 5-16cm 19 88  
878 libanoticum white-pink 8-15cm 40 88 107  
879 persicum pink 13-32cm 242  
880 persicum ex Israel mix 10cm 144  
881 persicum ex wild forms 35  
882 pseudibericum deep purple-magenta 8-27cm 35 105  
883 purpurascens rose-pink 4-18cm 34 172  
884 purpurascens mixed leaf pattern mix 4-18cm 177  
885 repandum pink/white 10-20cm 88  
886 wellensiekii (x) pale pink-white/magenta mark 6-12cm 144  
887 **Cypella** coelestis blue 50-80cm 20  
888 **Cypripedium** parviflorum v pubescens yellow 70cm 95 275  
889 **Cyrtanthus** epiphyticus scarlet 25-40cm 138  
890 **Cytisus** battandieri yellow to 4m 87  
891 **Daboecia** cantabrica ssp scotica magenta 30cm 35  
892 **Dactylicapnos (Dicentra)** macrocapnos yellow 2-8m 7  
893 **Dactylorhiza** foliosa pink-light maroon 40-60cm 250  
894 fuchsii pale lilac-reddish purple 25-50cm 139  
895 maculata white/mauve/rose 15-60cm 20 139 228  
896 majalis purplish-violet to 60cm 143  
897 **Dalea** candida white 30-90cm 166  
898 purpurea rose-purple 30-90cm 80 230  
899 **Daphne** acutiloba cream to 1.2m 96  
900 alpina white 40-60cm >  
901 caucasica white to 2m 71  
902 domini pink 15 cm 149  
903 giraldii yellow 60-120m 13 250  
904 kosaninii cream-pink 15-20cm 250  
905 laureola ssp philippi yellow-green to 45cm 71  
906 mahoniana (nv) 84  
907 **Daphne** mezereum pinkish purple 90cm 168  
908 mezereum f alba white to 1.2m 7 168  
909 mezereum 'Rosea' pink 60cm 22  
910 oleoides cream-white 30-50cm 250  
911 pontica yellow-green 1.2m 71 143  
912 reichsteinii (x) white 50cm 71 143  
913 retusa white-rose purple 60cm 250 275  
914 Retusa Group 'John McWhirter' 50cm 22  
915 tangutica white/pink-purple 1.5m >  
916 **Decaisnea** fargesii yellow-green w/blue bean pods 3-5m 7  
917 **Degenia** velebitica yellow 10cm >  
918 **Deinanthe** bifida cream white to 60cm 20 275  
919 caerulea blue 30-50cm 141  
920 **Delosperma** ashtonii magenta 10cm 250  
921 basuticum yellow/white center 5cm 250  
922 congestum 'Gold Nugget' yellow 5cm 250  
923 cooperi magenta-pink 10-15cm 184  
924 deleeuwiae (aff) magenta 250  
925 hirtum (aff) 250  
926 'Lesotho Pink' bright pink 3cm 250  
927 sutherlandii rose-purple 5-10cm 109  
928 sutherlandii 'Peach Star' peach-pink 8cm 50  
929 **Delphinium** barbeyi dark blue 30-100cm 262  
930 brunonianum blue-purple 15-40cm 132 231  
931 decorum purple-violet 30-40cm 66  
932 exaltatum blue-purple 1-2m 256  
933 grandiflorum purple-blue 30-65cm 75  
934 grandiflorum royal blue 30cm 181  
935 grandiflorum (dwarf) deep blue 30cm 31  
936 hybrid dark blue 150cm 181  
937 kamaonense blue 25-45cm 227  
938 likiangense blue 10-50cm 66  
939 menziesii blue 15-25cm 14  
940 menziesii ssp menziesii bluish purple 35-70cm 214  
941 montanum pale blue 15-30cm 22  
942 novomexicanum purple-lavender 90-180cm 226  
943 nuttallianum blue-purple/white 10-70cm 193  
944 pavonaceum white-cream/blue 70-80cm 215  
945 pylzowii blue-purple 10-55cm 216  
946 speciosum blue 30-100cm 226  
947 tatsienense mix 10-50cm 113  
948 **Deutzia** glabrata white 3m 154  
949 **Dianella** tasmanica pale blueflr/purple frt 1.5m 255  
950 **Dianthus** Allwoodii Alpinus Group pink 10-25cm 220  
951 alpinus deep rose 5-10cm 126  
952 alpinus pink 5-10cm 35 144 259  
953 amurensis mauve 20cm 220  
954 arenarius white to 30cm 74  
955 arpadianus v pumilus pink 5cm 47 66  
956 arvernensis (x) pink 10cm 28  
957 barbatus mix to 70cm 184  
958 barbatus dwarf mix 15cm 26  
959 capitatus ssp andrzejowskianus purple 50-70cm 11  
960 carthusianorum pink-purple to 60cm 104 142 218  
961 cruentus red-purple to 60cm 271  
962 deltooides dark red 15-25cm 60  
963 deltooides mauve 15-25cm 60  
964 deltooides mix 15-25cm 220  
965 deltooides 'Brilliant' reddish-pink 15-30cm 200  
966 deltooides 'Leuchtfunk' deep red 45cm 22  
967 'Eastern Star' dark red 15-20cm 177  
968 erinaceus pink to 15cm 87  
969 ferrugineus dark red 30cm 13  
970 'Feuerhexe' purplish-pink 15-20cm 100  
971 fragrans pink/white 40-50cm 132  
972 freynii pink to 10cm 47  
973 glacialis pink to 5cm 163  
974 gracilis pink to 40cm 251  
975 gratianopolitanus deep rose-pink 6-25cm 184 189  
976 gratianopolitanus hybrids pink 15-20cm 151  
977 gratianopolitanus 'Tiny Rubies' deep rose-pink 10-12cm 12

## **Dianthus-Duchesnea**

- 978 **Dianthus** haematocalyx purple-red 10-25cm 74  
979 haematocalyx ssp pindicola red-purple 5-8cm >  
980 haematocalyx ssp ventricosus pink 5cm 47  
981 japonicus rose-pink 30-60cm 254 260  
982 japonicus f albiflorus white 30-60cm 260  
983 knappii yellow to 30cm 87  
984 kusnezovii white 10-15cm 250  
985 'La Bourboule' pink 12cm 161  
986 'Little Jock' pink/red 10-15cm 66  
987 microlepis pink-purple to 10cm 250  
988 microlepis v degenii pink 3-8cm 66  
989 myrtinervius bright pink 15-20cm 133 242 254  
990 myrtinervius red 15-20cm 176  
991 myrtinervius ssp myrtinervius bright pink to 5cm 110  
992 nardiformis pink to 10cm 164  
993 nitidus deep pink to 30cm 250 267  
994 nivalis pink 18cm 74  
995 pavonius pale to purplish red 10cm 22 73 200  
996 petraeus white to 30cm 174  
997 petraeus ssp noeanus white 10-15cm 66 250  
998 pyrenaicus pink 30cm 48  
999 seguieri reddish-pink 10-60cm 74  
1000 simulans pink 6cm 100 177  
1001 sp pink flr/gray lvs 15cm 78  
1002 squarrosus white to 20cm 189 267  
1003 subacaulis pink 3-20cm 6 230  
1004 superbus pink 30-90cm 110  
1005 superbus white 30-90cm 216  
1006 superbus v longicalycinus pink 40-80cm 68  
1007 sylvestris (aff) ex Ifrane, Morocco pink 45cm 262  
1008 sylvestris (aff) ex Morocco red 30cm 148  
1009 turkestanicus rose/purple 20-40cm 11  
(Dicentra-see also Dactylicapnos)  
1010 **Dicentra** eximia rose-pink 30-45cm 249  
1011 peregrina rose-pink 5-15cm 178  
1012 peregrina alba white 5-15cm 209  
1013 peregrina 'Hien' dark red to 15cm 209  
1014 **Dicranostigma** lactucoides yellow to 60cm 277  
1015 **Dictamnus** albus white 40-80cm 20  
1016 albus v purpureus pink w/dark veins 60-90cm >  
1017 **Dierama** adelphicum magenta-pink 60-120cm 24  
1018 ambiguum pink 60-100cm 160  
1019 galpinii pink 1-1.5m 195  
1020 luteoalbidum creamy yellow 65-110cm 24 211  
1021 pendulum purple-pink 1-2m 14  
1022 pulcherrimum magenta-pink 90-180cm 77 215  
1023 pulcherrimum v album white 90-180cm 24  
1024 trichorhizum pink to 60cm 24 35  
1025 **Dietes** bicolor yellow/brown 60cm 41  
1026 **Digitalis** davisiana pale yellow to 70cm 164  
1027 ferruginea rusty/golden to 120cm >  
1028 laevigata yellow/brown veined to 90cm 136  
1029 lanata cream/brown 30-90cm 116  
1030 lutea pale yellow to white 60-100cm >  
1031 obscura yellow/rusty brown 30-60cm 103  
1032 parviflora red-brown to 60cm >  
1033 purpurea mix to 180cm 204  
1034 purpurea purple-pink to 180cm >  
1035 purpurea white /gold flecks 90cm 242  
1036 purpurea 'Elsie Kelsey' white w/maroon 1-1.2m 22  
1037 purpurea f albiflora white to 1.8m 22 200  
1038 purpurea Giant Spotted Group cream/spots to 1.5m 200  
1039 thapsi pink 30-60cm 250 259  
1040 **Dionaea** muscipula white 10-30cm 44  
1041 **Dioscorea** caucasica greenish white to 4m 117  
1042 quinquelobata greenish vine 7  
1043 **Diphylleia** cymosa white 60-120cm 124 275  
1044 **Diplarrhena** moraea white 50-100cm 37  
1045 **Disporum** uniflorum yellow 20-80cm 275  
1046 **Dodecatheon** amethystinum deep pink-purplish 10-50cm 83  
1047 clevelandii magenta/white 10-40cm 177 278  
1048 **Dodecatheon** clevelandii ssp insulare magenta-white 12-45cm 215  
1049 dentatum white 25-40cm 147  
1050 hendersonii mix to 45cm 22 167  
1051 jeffreyi red/purple 30-60cm 18  
1052 meadia lavender-magenta 10-50cm 163  
1053 meadia mix 10- 50cm 4  
1054 meadia 'Aphrodite' magenta-pink 30-45cm 275  
1055 meadia f album white 10-50cm 22 173 275  
1056 poeticum rose-purple/lilac to 30cm 35  
1057 pulchellum magenta-lavender 10-45cm 12 82 245  
1058 pulchellum ex Alaska red-pink 45-60cm 182  
1059 pulchellum 'Red Wings' red to 20cm 241  
1060 pulchellum 'Sooke' deep rose pink 20-35cm 275  
1061 sp pink 25cm 22  
1062 sp white 30cm 245  
1063 **Douglasia** laevigata pink-rose 2-7cm 70 227  
1064 laevigata v ciliolata rose pink 1.5cm 227  
1065 montana rose pink 2cm 82  
1066 **Draba** aizoides yellow 5 -10cm 181 245  
1067 alpina v glacialis yellow 10-20cm 250 279  
1068 athoa yellow to 12cm 32  
1069 atlantica yellow 8cm 271  
1070 bruniifolia yellow to 8cm 250  
1071 bruniifolia ssp olympica yellow 5-10cm 80 275  
1072 bryoides ssp imbricata yellow 5cm 250  
1073 cappadocica yellow to 2cm 66 80  
1074 condensata yellow 7cm 80  
1075 cretica yellow 5cm 52 80  
1076 dedeana white 5-8cm 80  
1077 densifolia yellow 2-15cm 250 276  
1078 glacialis yellow to 20cm 127  
1079 handelii white 1.5-3cm 250  
1080 hispanica yellow 5cm >  
1081 hispida yellow to 20cm 66  
1082 incerta yellow 5-20cm 47 245  
1083 kitadakensis white 15cm 47  
1084 korabensis yellow 5-15cm 47 144  
1085 lasiocarpa yellow 10-20cm 22 31 194  
1086 longisiliqua yellow 5-8cm 22 230  
1087 oligosperma yellow to 12cm 102 250 276  
1088 oreadam ex Jebel Toubkal Morocco white flr/reddish seedpod 5cm 262  
1089 parnassica yellow 5cm 70 164  
1090 paysonii pale yellow 3cm 127  
1091 polytricha yellow 4cm 250  
1092 rigida yellow 2-10cm 32 250  
1093 rigida v bryoides yellow 2-10cm 124  
1094 sphaeroides yellow 5-10cm 66 110  
1095 streptocarpa yellow 2-30cm 47  
1096 ventosa yellow 2-4cm 112 250  
1097 **Dracocephalum** argunense blue to 75cm 101 102 206  
1098 argunense 'Fuji Blue' blue 30cm 48 235 279  
1099 austriacum blue-violet 25-32cm 88 104  
1100 botryoides lavender-pink 10-15cm 32 250  
1101 discolor dark blue 5-10cm 262  
1102 forrestii blue-purple 13-28cm 42  
1103 grandiflorum dark blue 15-30cm 31 54  
1104 heterophyllum white 15-20cm 149  
1105 isabellae deep violet 30-50cm 66 242  
1106 nutans (cf) white 38  
1107 renatii cream flushed red 25cm 148  
1108 ruyschiana blue 15-25cm 142 184  
1109 **Dracunculus** vulgaris maroon 1.5m 202  
1110 **Drosera** rotundifolia white 5-30cm 225  
1111 **Dryas** octopetala white to 20cm >  
1112 octopetala (dwarf) white 2cm 47  
1113 octopetala 'Alpine Carpet' white 6  
1114 octopetala 'Minor' white 5cm 22  
1115 **Dryopteris** cycadina 60-90cm 158  
1116 **Duchesnea** indica (cf) yellow flr/red frt 10cm 79

## **Garden Collected**



## Dudleya-Escobaria

- 1117 **Dudleya** calcicola pale yellow 1-6cm 138  
1118 **Ebracteola** wilmaniae white-pink 8cm 250  
1119 **Ecballium** elaterium yellow 30cm 250  
1120 **Eccremocarpus** scaber scarlet-orange to 3m 201  
1121 **Echinacea** purpurea 'Alba' white 50-120cm 224  
1122 purpurea 'Doubledecker' magenta-pink to 120cm 230  
1123 purpurea 'Prairie Frost' rose-purple flr/variegated lvs 70cm 76  
1124 purpurea 'Ruby Giant' ruby pink 90cm 274  
1125 **Echinocereus** coccineus red 40cm 250  
1126 dasyacanthus yellow/rose-pink 11-23cm 250  
1127 fendleri magenta to 17cm 250  
1128 reichenbachii ssp baileyi pink 10-40cm 193  
1129 **Echium** amoenum red 25cm >  
1130 **Edgeworthia** chrysantha yellow to 1.5m 257  
1131 **Edraianthus** dalmaticus violet-blue 3-7cm 47  
1132 dinaricus violet-blue 2-6cm 45 66  
1133 graminifolius blue-violet 5-10cm 159 230 253  
1134 jugoslavicus violet 7cm 179  
1135 montenegrinus blue 5cm 66  
1136 pumilio blue w/silver lvs 1-3cm >  
1137 sp white 250  
1138 sp ex Albania blue 2.5cm 217  
1139 tenuifolius blue violet to 15cm 250  
1140 **Ehretia** acuminata v obovata white to 15m 173  
1141 **Elegia** capensis (smoke treat seed) white/yellowish to 3m 118  
1142 **Eleutherococcus** sessiliflorus dull purplish to 5m 20 168  
1143 **Enemion (Isopyrum)** biternatum (moist-packed) white 10-40cm 275  
1144 **Ennealophus** euryandrus blue-lavender 25cm 41  
1145 fimbriatus ex Watson mauve 20cm 21  
(Epilobium-see also Chamerion)  
1146 **Epilobium** canum ssp canum red 30-60cm >  
1147 crassum pink 5-10cm 66  
1148 **Epipactis** helleborine green-purple 25-45cm 145 275  
1149 thunbergii golden bronze 30-70cm 260  
1150 **Eranthis** hyemalis yellow 5-15cm 60 84  
1151 hyemalis (moist packed) yellow 5-15cm 275  
1152 pinnatifida (moist-packed) white petal/blue-purple anther 5-15cm 275  
1153 **Eremogone** rigida white 5-35cm 42  
1154 **Eremurus** isabellina 'Cleopatra' (x) deep orange to 1.5m 148  
1155 robustus pink to 1m 14 237  
1156 stenophyllus yellow-orange 30-150cm 249  
1157 **Ericameria** nauseosa yellow dwarf form 250  
1158 **Erigeron** algidus mix 2-30cm 66 250  
1159 arenarioides blue 6-25cm 80 102  
1160 aureus yellow 1-15cm 31 28  
1161 aureus 'The Giant' golden yellow 15cm 38  
1162 'Betty Blake' blue 20cm 225  
1163 borealis purple/lilac to 30cm 88  
1164 caespitosus mix 5-25cm 66 250  
1165 chrysopsidis 'Grand Ridge' yellow 8cm 113  
1166 compositus pink 5-15cm 32 100  
1167 compositus white 5-15cm 76 189  
1168 compositus (dwarf) pink 250  
1169 compositus ex Como, CO 250  
1170 compositus 'Mt. Adams Dwarf' white 2.5cm 80 109 217  
1171 compositus 'Red Desert' white 5-10cm 52 250  
1172 compositus 'Rocky' white 15-20cm 80  
1173 flagellaris white 3-15cm 15  
1174 flettii white 5-15cm 17 84  
1175 glaucus mix 5-30cm 38 66  
1176 glaucus white 5-30cm 92  
1177 glaucus 'Olga' lilac 15cm 63  
1178 glaucus 'Sea Breeze' rich pink 25cm 31  
1179 leiomerus blue 10cm >  
1180 linearis yellow 5-15cm 100 109  
1181 nanus violet-blue 10 cm 117 250  
1182 nematophyllus white-pink 4-18cm 109  
1183 peregrinus mix 5-55cm 250  
1184 pinnatisectus light blue 4-11cm 32 177 208  
1185 **Erigeron** poliospermus pale pink-purple 15cm 31  
1186 'Rosa Juwel' rose 75cm 31  
1187 simplex mix 20cm 66  
1188 sp 80  
1189 sp lavender 6cm 103  
1190 sp ex Nevada white 15cm 84  
1191 speciosus blue-lavender 30-80cm 164  
1192 tener bluish 2-15cm 91  
1193 uniflorus white/blue 10-15cm 101 102  
1194 untermannii white-pink/purplish 2-8cm 250  
1195 ursinus pink-bluish purple 5-25cm 250  
1196 **Erinus** alpinus dark red-lavender 10-15cm 29  
1197 alpinus mix 10-15cm >  
1198 alpinus pink-lavender 10-15cm 57 100  
1199 alpinus rose-purple 10-15cm >  
1200 alpinus 'Dr. Hahnle' carmine 10-15cm 48 70  
1201 alpinus v albus white 10-15cm 84  
1202 **Eriogonum** allenii yellow 30-50cm 250  
1203 compositum 'San Rafael Swell' cream-dull red 40cm 250  
1204 corymbosum cream-pink 15-80cm 100  
1205 crocatum yellow 30-50cm 22  
1206 flavum yellow 10-30cm 250  
1207 grande v rubescens pink-rose 20-50cm 236  
1208 jamesii white-cream 10-30cm 271  
1209 pharnaceoides white-rose/yellow 10-50cm 250  
1210 racemosum white-pinkish 30-80cm 271  
1211 saxatile white-rose 20-40cm 109  
1212 umbellatum ex Brighton UT yellow 8cm 109  
1213 umbellatum ex Francis Peak UT white 10cm 109  
1214 ursinum pale yellow 5-40cm 84  
1215 **Eriophyllum** lanatum yellow 10-100cm 88 148 202  
1216 **Eritrichium** canum blue 15-40cm 37  
1217 canum v canum blue 20-40cm 128  
1218 howardii deep blue 6-13cm 193  
1219 **Erodium** acaule lilac-purple to 20cm 262  
1220 carvifolium deep red to 35cm 217  
1221 glandulosum violet-purple to 20cm 250  
1222 lindavicum (x) pale pink to 45cm 217  
1223 pelargoniiflorum white 30cm 149  
1224 petraeum mix white/pink 20cm 217  
1225 'Spanish Eyes' mauve-pink 15-30cm 191  
1226 trifolium white/purple veins 35cm 217  
1227 **Eryngium** agavifolium green/white 1m 273  
1228 bourgatii silver-blue 45cm 35 190 242  
1229 giganteum electric blue to 1.5m 190  
1230 oliverianum (x) blue 60-100cm 116  
1231 planum 'Blaukappe' blue to 60cm 3  
1232 **Erysimum** 'Canaries' yellow 20-30cm 22  
1233 caricum yellow 10cm 61  
1234 helveticum yellow 15-30cm 31 164  
1235 hieraciifolium yellow 30-90cm 220  
1236 kotschyianum yellow 5-10cm 131  
1237 linifolium 'Variegatum' lilac-purple flr/variegated lvs 30cm 31  
1238 marshallii (x) orange 50-60cm 128 26  
1239 pulchellum golden yellow 5-15cm 6  
1240 witmannii yellow-green to 50cm 226  
1241 **Erythronium** californicum white/yellow 10-30cm 9  
1242 californicum 'White Beauty' white 20-30cm 177 275  
1243 grandiflorum yellow 5-30cm 179  
1244 hendersonii violet-pink/purple 10-25cm 177  
1245 hybrids mix 177  
1246 'Kondo' yellow to 35cm 28  
1247 oregonum cream/yellow 15-40cm 237 244  
1248 revolutum deep pink 15-40cm 244  
1249 revolutum violet-pink 15-40cm 22 40 139  
1250 revolutum (hp) deep rose 25cm 237  
1251 revolutum hybrids 22  
1252 revolutum 'Rose Beauty' rosy pink 25-40cm 22 214  
1253 **Eschscholzia** sp orange 30-40cm 46  
(Escobaria-see also Coryphantha)  
1254 **Escobaria** sneedii var leei mix 3-27cm 250

## **Escobaria-Gentiana**

- 1255 **Escobaria** villardii yellowish to pinkish to 15cm 250  
1256 **Eucryphia** glutinosa white to 10m 277  
1257 **Euonymus** americanus white flr/red frt to 2m 7 29  
1258 cornutus v quinquecornutus reddish 2-3m 265  
1259 nanus v turkestanicus pink frt to 80cm 29  
(Eupatorium-see also Conoclinium, Eutrochium, Fleischmannia)  
1260 **Euphorbia** lathyris yellow/green to 1.5m 250  
1261 rigida yellow 40cm 211  
1262 **Eurybia (Aster)** divaricata white 28-90cm 224  
1263 herveyi (x) violet 70cm 224  
1264 radula pale blue-violet 10-100cm 205  
1265 spectabilis violet-purple 10-90cm 205  
1266 **Euryops** acraeus lemon yellow 30cm 31  
1267 **Eutrochium (Eupatorium)** dubium 'Little Joe' mauve purple 90-120cm 264  
1268 purpureum purplish 30-200cm 168  
1269 **Felicia** rosulata blue to 30cm 31  
1270 uliginosa lavender/blue to 15cm 22  
1271 **Ferula** asa-foetida yellow to 2m 20  
1272 gummosa pale yellow to 1m 268  
1273 **Festuca** californica 'River House Blues' 137  
1274 gautieri 'Pic Carlit' 5-8cm 250  
1275 glauca 15-45cm 164  
1276 glauca 'Elijah Blue' 20-30cm 76  
1277 glauca 'Golden Toupee' gold lvs 15-30cm 29  
1278 **Fibigia** clypeata yellow 30-75cm 164 220 234  
1279 eriocarpa yellow 30-75cm 98 148  
1280 **Filipendula** purpurea purple-red/pink to 130cm 31 154  
1281 **Foeniculum** vulgare 'Purpureum' yellow to 2m 20 250 124  
1282 **Frangula** caroliniana yellow-green to 6m 154  
1283 **Franklinia** alatamaha white 3-6m 242 246  
1284 **Fraxinus** ornus white 8-15m 7  
1285 **Freesia** alba white 12-40cm 150  
1286 grandiflora red 20-60cm 41  
1287 laxa mix 20-35cm 22 60  
1288 laxa salmon red 20-35cm 48  
1289 laxa alba white 20-35cm 41  
1290 laxa 'Joan Evans' white/red eye to 30cm 231  
1291 laxa ssp azurea pale lilac blue to 30cm 41  
1292 **Fritillaria** acmopetala greenish-brown 20-45cm >  
1293 affinis brownish purple/yellow-green 10-120cm 237  
1294 amana green/brown 8-35cm 34 70 228  
1295 assyriaca greyish/green-yellow 4-20cm 250  
1296 biflora ssp ineziana brown-purple/greenish 10-45cm 121  
1297 camschatcensis ex Alaska dark brown 30-40cm 182  
1298 carica yellow 3-15cm 34  
1299 caucasica purplish-brown 10-30cm 250  
1300 conica yellow 7-25cm 112  
1301 crassifolia green-yellow/brown 3-10cm 34  
1302 crassifolia ssp hakkarensis green-yellow 3-10cm 178  
1303 eduardii pale orange to 1m 121  
1304 fleischeriana purple/green 6-15cm 228  
1305 graeca ssp thessala green/brown 6-20cm 11 70  
1306 imperialis mix 50-150cm 121  
1307 imperialis yellow 50-150cm 267  
1308 imperialis 'Lutea' yellow to 150cm 22  
1309 kurdica yellow-green/brown 3-10cm 121 178  
1310 meleagris mix 12-30cm 229 234 250  
1311 meleagris purplish 12-30cm >  
1312 meleagris 'Alba' white 12-30cm 20 155 267  
1313 messanensis ssp gracilis red brown 20-35cm 23  
1314 messanensis ssp gracilis ex Kosovo 15cm 146  
1315 messanensis v atlantica purple-greenish 20cm 69  
1316 michailovskyi purple/yellow 6-24cm >  
1317 montana green/blackish brown 16-40cm 7 18 121  
1318 pallidiflora pale yellow 15-45cm 155  
1319 persica blackish purple-grey 20-150cm 14 74  
1320 pinardii purple/yellow 10-15cm 34  
1321 pontica green/brown 20-40cm 24  
1322 pudica yellow 7-30cm 82  
1323 pyrenaica ssp pyrenaica greenish/bronze 15-30cm 121  
1324 **Fritillaria** raddeana pale yellow 50-80cm >  
1325 recurva scarlet/yellow 30-90cm 272  
1326 ruthenica blackish/yellow-green 20-50cm 228  
1327 sewerzowii yellowish-purple-brown 15-25cm 186 228  
1328 sewerzowii ex Tian Shan Uzbekistan purple 50cm 252  
1329 sp yellow-green/brown to 40cm 198  
1330 stenantha pink/purple base 5-12cm 52  
1331 whittallii green-brown 10-20cm 228  
1332 **Fumana** sp 250  
1333 thymifolia yellow 10-15cm 80  
1334 thymifolia v viridis yellow 5cm 66  
1335 **Gaillardia** grandiflora 'Kobold' (x) red/yellow 30cm 210  
1336 **Galanthus** nivalis white/green 5-21cm 144  
1337 **Galeopsis** segetum pale yellow to 50cm 54  
1338 **Galtonia** candicans white to 120cm 60  
1339 **Gaultheria** procumbens white flr/red frt 12cm 275  
1340 **Gaura** biennis white-rose to 180cm 158  
1341 **Geissorhiza** inaequalis pale blue 20 cm 278  
1342 monanthos dark blue 6-20cm 278  
1343 **Gelasine** elongata bright blue to 75cm 138  
1344 **Genista** radiata yellow to 80cm 157  
1345 sylvestris v pungens yellow to 20cm 143  
1346 **Gentiana** acaulis blue 2-8cm >  
1347 acaulis from about 20 garden forms mix 277  
1348 acaulis 'Harlem' blue 8cm 22  
1349 acaulis 'Max Frei' 22  
1350 acaulis 'Trotter's Variety' blue 22  
1351 andrewsii blue 60cm 173 192  
1352 angustifolia sky blue to 10cm >  
1353 asclepiadea blue to 60cm >  
1354 asclepiadea light blue 50cm 143  
1355 asclepiadea mix to 60cm 18  
1356 asclepiadea 'Knightshayes' blue 80cm 116  
1357 asclepiadea 'Rosea' pink to 60cm 104 202  
1358 asclepiadea v alba white 45-60cm 139  
1359 cachemirica pale blue 10-15cm 24  
1360 clusii lilac 15cm 191  
1361 clusii ssp clusii deep blue to 15cm 143  
1362 clusii ssp rochelii blue 7-15cm 32 275  
1363 cruciata blue-purple/green 15-40cm 18 242  
1364 dahurica blue 20cm 142  
1365 gelida yellow-white to 30cm 132  
1366 gracilipes greenish/dark purple-blue to 25cm 31  
1367 grossheimii dark blue 10-15cm 167  
1368 kaufmanniana blue 10-25cm 167  
1369 lutea yellow 1-2m >  
1370 makinoi 'Marsha' rich violet-blue 40cm 31 136  
1371 marcailhouana (x) yellow 71  
1372 occidentalis blue 5-25cm 47  
1373 olgae hybrid blue 20-30cm 12  
1374 olivieri blue 10-30cm 159  
1375 paradoxa blue 15-30cm 139 177 262  
1376 paradoxa 'Blauer Herold' blue 20-30cm 18 24  
1377 paradoxa x septemfida blue 250  
1378 parryi blue 20-45cm 216  
1379 pneumonanthe deep blue to 30cm 13  
1380 purpurea red-purple 30-60cm 147 225  
1381 saxosa white 7cm 18 75  
1382 sceptrum blue 30-60cm 35 215  
1383 septemfida blue 15-30cm 31 92  
1384 septemfida v lagodechiana blue 15cm 32  
1385 sino-ornata blue 15-20cm 31  
1386 straminea greenish white/pale blue 10-35cm 124  
1387 tibetica greenish-white 30-90cm 14 92  
1388 triflora blue 45cm 24  
1389 triflora 'Alba' white 45cm 24  
1390 triflora v japonica blue 15-80cm 11  
1391 triflora v montana deep blue 15-30cm 70 160  
1392 utriculosa deep blue 30cm 231  
1393 verna deep blue 5-8cm >  
1394 verna mix 5-8cm 22

## **Garden Collected**

## Gentiana-Hepatica

- 1395 **Gentiana** verna 'Alba' white 5-8cm 262  
1396 verna ssp oschtenica pale yellow 3-8cm 262  
1397 verna ssp pontica blue 6cm 22  
1398 wilsonii blue to 30cm 24  
1399 **Gentianopsis** crinita blue 30-90cm 153  
1400 **Geranium** argenteum pale pink to 20cm 217  
1401 cinereum pale pink 15cm 217  
1402 cinereum purple 15cm 217  
1403 erianthum white to 50cm 209  
1404 maculatum pink 40-70cm 217 275  
1405 nodosum purple-pink to 50cm 169  
1406 orientali-tibeticum deep rose pink 8-30cm 200  
1407 phaenum dark maroon 40-70cm 169  
1408 platypetalum deep violet to 40cm 217  
1409 pratense Midnight Reiter strain blue flr/dark purple black lvs 25cm 250  
1410 pratense 'Striatum' white/violet streaks 40cm 15  
1411 pyrenaicum rose-purple 25-35cm 55 169  
1412 regelii blue 20-30cm 225  
1413 renardii white-lavender veins to 30cm 136 183 217  
1414 sanguineum 'Little Bead' pinkish purple 15cm 57  
1415 sanguineum v striatum pink 10-20cm 200  
1416 sessiliflorum white to 10cm 217  
1417 soboliferum rose-purple/magenta to 40cm 228  
1418 subcaulescens magenta/black center 15cm 57 217  
1419 sylvaticum blue-violet/pink 40-60cm 96  
1420 sylvaticum 'Album' white to 70cm 14  
1421 versicolor white/magenta veins to 60cm 226  
1422 viscosissimum rose purple-pink 30-60cm 132  
1423 **Geum** aleppicum yellow 50-100cm 260  
1424 chiloense scarlet-red to 60cm 31  
1425 coccineum red-orange to 45cm 136  
1426 'Lady Stratheden' yellow to 60cm 3 31  
1427 montanum yellow to 30cm 22 47 88  
1428 'Pink Frills' pink to 30cm 39  
1429 'Prinses Juliana' orange 45cm 39  
1430 rivale cream-pink 20-30cm 220  
1431 rivale 'Album' off-white 20-30cm 172  
1432 triflorum reddish pink 15-40cm 242  
1433 **Giliastrum** rigidulum blue 18cm 66  
1434 **Gillenia** stipulata white to 1.2m 230 249  
1435 trifoliata white to 1.2m 29  
1436 **Gladiolus** atroviolaceus black-purple 35-70cm 141  
1437 carneus white/pink 25-60cm 35 211  
1438 communis ssp byzantinus purple-red 50-100cm 28 278  
1439 dalenii soft yellow 90cm 29  
1440 flanagani red to 60cm 178  
1441 geardii pink 80-150cm 35  
1442 imbricatus reddish purple 40-60cm 104  
1443 italicus pink-purple 40-110cm 90  
1444 italicus Cretan Race 267  
1445 papilio yellow/purple 50-90cm 24  
1446 permeabilis cream/mauve 20-40cm 35  
1447 priorii red 30-80cm 93  
1448 scullyi cream/mauve-purple 10-70cm 278  
1449 tenuis purple-violet to 60cm 106  
1450 tristis white-cream 40-60cm 21 278  
1451 **Glaucidium** palmatum mauve 45cm >  
1452 palmatum mix 45cm 134  
1453 palmatum v leucanthemum white 45cm 134 246  
1454 **Glaucium** flavum yellow to 1m >  
1455 hybrids 250  
1456 **Globularia** bisnagarica blue 15cm 110  
1457 cordifolia blue 10cm >  
1458 incanescens blue 8cm 74 99  
1459 meridionalis blue 10cm 31 47  
1460 punctata blue to 30cm 37 77  
1461 repens blue-lilac 1-5cm 31 167 184  
1462 spinosa blue 20cm 31 250  
1463 trichosantha light blue 20cm >  
1464 valentina blue 20-30cm 66 250  
1465 **Globularia** vulgaris bright blue 20cm 186  
1466 **Gloxinia** nematanthodes 'Evita' orange-red 30cm 62  
1467 **Glycyrrhiza** echinata purple to 130cm 20  
1468 uralensis blue to 120cm 20  
1469 yunnanensis blue 80cm 20  
1470 **Gomphostigma** virgatum white to 2.6m 231  
1471 **Goniolimon** speciosum pale yellow 25cm 159  
1472 speciosum purple 10-50cm 250  
1473 **Graptopetalum** bellum deep pink-red 10cm 45 60  
1474 **Grusonia** clavata yellow 5-15cm 109  
1475 **Gunnera** manicata red/green 1.5-2.4m 3  
1476 **Gymnocalycium** gibbosum white/reddish 12-15cm 277  
1477 **Gymnospermium** albertii yellow 10-20cm 5  
1478 **Gypsophila** cerastioides white to 10cm 31  
1479 elegans white/pink to 50cm 31  
1480 franzii (nv) pale pink to 10cm 47  
1481 repens white 10-15cm 26 31  
1482 **Haberlea** rhodopensis pale blue-violet 8-15cm 275  
1483 **Habranthus** gracilifolius pale pink/white 45cm 41  
1484 robustus pink/green throat 30cm 259  
1485 robustus ex Brazil pink 38cm 41  
1486 tubispathus copper/yellow 15-20cm 51 35  
1487 tubispathus 'Cupreus' copper 20cm 76  
1488 **Hackelia** floribunda blue 40-120cm 59  
1489 **Hacquetia** epipactis yellow-green 10-15cm 20 84 275  
1490 **Halesia** carolina white to 24m 125 247  
1491 carolina Monticola Group white to 20m 274  
1492 diptera white to 11m 274  
1493 **Haplopappus** rehderi (nv) purple 10cm 131  
1494 **Hedeoma** pulegioides blue 15-45cm 249  
1495 **Hedysarum** boreale ssp boreale pink-purple 20-60cm 132  
1496 **Helianthemum** nummularium mix 5-50cm 250  
1497 nummularium ssp grandiflorum orange-yellow 5-50cm 45  
1498 oelandicum ssp alpestre yellow to 12cm 132  
1499 **Helianthus** 'Triomphe de Gand' golden yellow 1-1.5m 224  
1500 **Helichrysum** intermedium white-yellow to 40cm 31  
1501 'Schwefellicht' sulphur yellow 30cm 38  
1502 **Heliophila** coronopifolia blue 60cm 59  
1503 **Helleborus** argutifolius yellow green to 60cm 22 55  
1504 argutifolius hybrid white/green to 60cm 22  
1505 argutifolius x niger white 30cm 22  
1506 dumetorum green to 30cm 200  
1507 foetidus pale green to 80cm 20 84  
1508 foetidus 'Sienna' (moist packed) greenish white 30-60cm 275  
1509 hybridus (x) double red 45cm 121  
1510 hybridus (x) double white 45cm 121  
1511 hybridus (x) mix 45cm 267  
1512 hybridus (x) red 45cm 121 149  
1513 hybridus (x) white w/spots 45cm 121  
1514 hybridus (x) yellow 45cm 12 73  
1515 hybridus (x) yellow w/spots 45cm 121  
1516 hybridus anemone-centered (x) mix 45cm 121  
1517 hybridus anemone-centered (x) pink 50cm 22  
1518 hybridus Ashwood Garden Hybrid (x) mix 45cm 22  
1519 hybridus Ballard's Group (x) black 50cm 22  
1520 hybridus dark center (x) white/red 50cm 22  
1521 hybridus Picotee Group yellow/pink 50cm 22  
1522 niger white 15-30m 73 84 250  
1523 niger 'Potter's Wheel' white 40cm 200  
1524 niger 'Potter's Wheel' (moist packed) white 40cm 275  
1525 odorus x orientalis yellow/green 40cm 22  
1526 orientalis mix 45cm 84  
1527 orientalis white 45cm 20  
1528 orientalis ssp abchasicus red-purple 45cm 228  
1529 orientalis ssp abchasicus (moist packed) red-purple 45cm 275  
1530 thibetanus (moist packed) pink 30-50cm 275  
1531 **Hemerocallis** hybrids (tetraploid) mix 40cm 20  
1532 lilioasphodelus yellow 50-65cm 165  
1533 middendorffii yellow 30cm 200  
1534 nana golden yellow 5-35cm 178  
1535 **Hepatica** maxima pink 30cm 186

## Hepatica-Iris

- 1536 **Hepatica** maxima (moist packed) pink 30cm 7  
1537 nobilis (moist packed) blue 10-15cm 277  
1538 nobilis 'Poland Blue' (nv) blue 12cm 20  
1539 nobilis v pyrenaica (nv) blue flr/mottled lvs 15cm 186  
1540 **Herbertia** pulchella blue/violet 10-15cm 77  
1541 **Hereroa** calycina yellow-red 4cm 250  
1542 **Hesperaloe** parviflora rosy red-salmon 1-2.5m 255  
1543 **Hesperantha** baurii bright pink 20cm 28 70 115  
1544 hantamensis white 4-6cm 170  
1545 latifolia pinkish-red 25-30cm 9  
1546 oligantha purple 6-10cm 41  
1547 sp fuchsia short 278  
1548 sp rose tall 278  
1549 **Hesperis** steveniana purple 60cm 106  
1550 **Heterotheca** jonesii yellow 2-6cm 132  
1551 villosa yellow 16-40cm 274  
1552 **Heuchera** abramsii white 6-15cm 250  
1553 bracteata greenish white 15cm 117  
1554 'Canyon Duet' pink/white 30-45cm 250  
1555 chlorantha green 40-110m 226  
1556 cylindrica cream/yellow 10-90cm 82 119  
1557 cylindrica v alpina cream-green 8-55cm 66  
1558 grossulariifolia cream 15-65cm 244  
1559 hallii cream to 30cm 193  
1560 pulchella pink 7-15cm 45 66 250  
1561 richardsonii greenish 60-90cm 139  
1562 **Hibiscus** 'Crown Jewels' white w/red eye flr/dark lvs 60-90cm 76  
1563 geranioides white/pink 50-100cm 36  
1564 moscheutos white/pink/rose to 2.5m 108  
1565 moscheutos hybrids white-pink eye/pink to 2.5m 219  
1566 **Hieracium** lanatum yellow 10-50cm 197 250 259  
1567 mixtum yellow 5-20cm 31  
1568 pannosum yellow 20-60cm 226  
1569 spilophaeum yellow flr/mottled lvs 20-80cm 263  
1570 spilophaeum 'Leopard' yellow 30cm 212  
1571 villosum yellow 15-40cm >  
1572 **Hippolytia** herderi yellow 30cm 87  
1573 **Hirpicium** armerioides white 5-30cm 250  
1574 **Horminum** pyrenaicum violet-blue 30cm 131 159  
1575 **Hosta** kiyosumiensis 25cm 154  
1576 minor mauve 8-60cm 31  
1577 venusta pale violet 5-35cm 76 164 258  
1578 yingeri purple 15-65cm 154  
1579 **Hovenia** dulcis white to 25m 20  
1580 **Humulus** japonicus 'Variegatus' 274  
1581 **Hunnemannia** fumariifolia yellow 60cm 14 36  
1582 **Hyacinthella** pallens pale-medium blue 10-15cm 228  
1583 **Hyacinthoides** hispanica mix 20-50cm 234  
1584 hispanica 'Alba' white 20-50cm 84  
1585 **Hyacinthus** orientalis 'Roman Blue' blue 20-25cm 4  
1586 **Hydrangea** anomala ssp petiolaris white-cream 2-4m 275  
1587 quercifolia cream 1-2.5m 264  
1588 sikokiana white 1.5m 154  
1589 **Hydrastis** canadensis (moist packed) white 15-50cm 275  
1590 **Hydrophyllum** canadense white 45cm 20  
1591 **Hymenoxys** subintegra yellow 30-60cm 80  
1592 **Hypericum** 'Archibald' yellow 5-15cm 42 231  
1593 ascyron yellow 50-150cm 153  
1594 buckleyi yellow to 30cm 153  
1595 bupleuroides golden yellow 45-75cm 226  
1596 cerastoides yellow 7-27cm 225  
1597 coris yellow 10-45cm 38 47  
1598 erectum 15cm 167  
1599 lloydii yellow to 50cm 44  
1600 olympicum yellow 20-50cm 60 250  
1601 olympicum f minus yellow 20-50cm 12 104  
1602 orientale yellow 10-45cm 47 87  
1603 pallens yellow 2-10cm 22 42  
1604 rumeliacum ssp apollinis yellow 5-40cm 66  
1605 **Hypoxis** hirsuta yellow to 30cm 212  
1606 **Iberis** sempervirens white 20cm 183 230  
1607 **Iberis** sempervirens 'Compacta' white 2.5cm 131  
1608 sp white 4cm 149  
1609 **Ilex** verticillata f aurantiaca orange frt to 2m 274  
1610 verticillata 'Winter Gold' pinkish orange frt 2.4m 274  
1611 **Impatiens** balfourii pink-white 50-100cm 212 274  
1612 balsamina (PI) mix 15-70cm 219  
1613 namchabarwensis bright blue 40-50cm 257  
1614 tricolor 250  
1615 **Incarvillea** compacta purple-red 20-30cm 28 74 225  
1616 delavayi purple-rose 40cm 31  
1617 mairei pink-red to 35cm 144  
1618 mairei v mairei purple-red 30-40cm 97  
1619 zhongdianensis deep pink 30cm 132 135  
1620 **Indigofera** heterantha pink/rose-purple to 2.5m 84  
1621 kirilowii rosy pink 60-80cm 208  
1622 **Inula** acaulis yellow 5-20cm 31 164 167  
1623 ensifolia yellow to 60cm 31 167 263  
1624 ensifolia 'Compacta' yellow 15cm 47 250  
1625 magnifica yellow 2m 190  
1626 rhizocephala yellow 5-10cm 132  
1627 verbascifolia yellow 50cm 250 274  
1628 **Ipomoea** purpurea 'Kniola's Black' deep purple-black 2m 94  
1629 quamoclit scarlet red to 6m 94  
1630 **Ipomopsis** aggregata red 30-80cm 81  
1631 aggregata ex Del Norte Co CA form red 30cm 35  
1632 aggregata ex Routt Co, CO pink/red/orange 45-60cm 262  
1633 rubra scarlet to 2m >  
1634 **Iris** attica yellow/purple 5-10cm 275  
1635 bucharica yellow/white 20-40cm 80 85  
1636 chrysographes very dark purple-maroon 25-50cm 113  
1637 cristata 'Sam's Mini' blue-violet 10cm 234  
1638 decora lavender-deep red purple 15-30cm 14  
1639 dichotoma violet/pale blue/cream 40-60cm 274  
1640 douglasiana light-dark blues/white 15-70cm 177  
1641 douglasiana mix 15-70cm 184  
1642 douglasiana 'Burnt Sugar' yellow 40cm 214  
1643 ensata 'Cry of Rejoice' deep purple to 90cm 113  
1644 ensata v spontanea dark reddish-purple 30-80cm 144  
1645 foetidissima lilac/yellow-brown 30-90cm 90 175 198  
1646 hookeri blue 5-60cm >  
1647 innominata mix 25cm 115  
1648 lactea blue-violet 80cm 177  
1649 lutescens violet/yellow 20cm 72  
1650 lutescens 'Campbellii' violet-blue to 15cm 275  
1651 macrosiphon purple/lavender-cream/yellow 25-40cm 176  
1652 magnifica pale lilac 30-60cm 6 96 110  
1653 milesii pink-lilac/purple 30-75cm 87 141  
1654 missouriensis blue-purple 25-60cm 206  
1655 pseudacorus (PI) yellow 70-150cm 77 169  
1656 pseudacorus 'Variegata' yellow flr/variegated lvs to 1.5m 113  
1657 rosenbachiana 'Harangon' white-violet 30cm 52  
1658 ruthenica white/violet to 20cm 250  
1659 ruthenica 'Gustav Namesnig' (nv) 277  
1660 sanguinea blue-purple to 75cm 87 144 260  
1661 setosa blue-violet/red-purple 15-90cm 75 164 184  
1662 setosa mix 15-90cm 124  
1663 setosa pale lavender 15-90cm 276  
1664 setosa 'Blaulicht' pale blue 80cm 275  
1665 sibirica blue 50-120cm 187  
1666 sibirica 'Alba' white 50-120cm 187 267  
1667 sibirica 'Flight of Butterflies' violet-blue/white 30-90cm 265  
1668 sintenisii violet/white 30cm 143  
1669 sintenisii v brandzae violet/white to 30cm 141  
1670 sp dwarf siberian form dark blue 40cm 177  
1671 spuria ssp halophila white/yellow 40-85cm 87  
1672 tectorum blue/white mix 40cm 208  
1673 tectorum blue-lilac 40cm >  
1674 tectorum 'Alba' white 40cm 108 125 221  
1675 tenax lavender 15-30cm 7  
1676 tenax mix 15-30cm 177  
1677 tuberosa greenish/black 35-50cm 96

## Garden Collected

- 1678 **Iris** typhifolia dark violet 50-60cm 187  
1679 versicolor violet-purple 20-80cm 203  
1680 versicolor 'Between The Lines' white /violet blue veins 55cm 194  
1681 vicaria 'Sina' violet-blue 96  
1682 wattii bluish violet 50-100cm 234  
1683 willmottiana deep lavender/white to 20cm 190  
1684 **Itea** ilicifolia cream-gold to 5m 224  
1685 **Ixia** maculata orange-yellow 20-50cm 278  
1686 polystachya white-pink/mauve 40-80cm 278  
1687 scillaris white/mauve/magenta 20-50cm 170  
1688 viridiflora green-turquoise 50-100cm 278  
1689 **Ixiolirion** tataricum blue 30-40cm 7  
1690 **Jasione** amethystina blue-purple 10cm 104  
1691 crispa blue 15cm 250  
1692 laevis blue 20-30cm 31 38 74  
1693 **Jeffersonia** diphylla white 40cm 29  
1694 dubia (moist packed) lavender 15-30cm 275  
1695 dubia 'Alba' white 15-30cm 178  
1696 **Kalimeris** incisa pale lilac 90cm 168  
1697 **Keckiella** cordifolia red to 90cm 35  
1698 lemmonii brown-purple 150cm 66  
1699 ternata orange to 180cm 232  
1700 **Kirengeshoma** palmata yellow to 1.2m 156  
1701 **Kitagawia** terebinthacea white 30-120cm 250  
1702 **Kitaibela** vitifolia white 1.5m 33 158 221  
1703 **Kniphofia** hirsuta orange red/yellow 30-60cm 211  
1704 sp yellow/red 100cm 73  
1705 **Kolkwitzia** amabilis white-rose pink to 3.5m 275  
1706 **Kosteletzkya** virginica pink to 1.2m 44  
1707 **Krigia** virginica yellow 4-30cm 212  
1708 **Lachenalia** carnosa greenish-white/maroon-magenta 10-25cm 278  
1709 pusilla white 1-4cm 41 242  
1710 **Lallemantia** canescens lavender/blue to 50cm 132  
1711 **Laser** trilobum white 30-120cm 223  
1712 **Lathyrus** odoratus pink to 2m 219  
1713 sativus blue 60-90cm 150  
1714 vernus purple/yellow 30cm 95  
1715 vernus reddish-purple 30cm 4 6 275  
1716 vernus 'Albroseus' white/pink 30cm 83  
1717 **Laurentia** sp light blue 20-30cm 46  
1718 **Lavandula** angustifolia purple to 1m 87 136  
1719 **Leontopodium** alpinum white 20cm 31 84 250  
1720 alpinum ssp nivale white 5cm 31 167  
1721 discolor white 13-33cm 11 164  
1722 hayachinense white to 20cm 133  
1723 hayachinense v miyabeanum silvery white 10-20cm 11  
1724 linearifolium white 10-30cm 11  
1725 longifolium white 2-25cm 11  
1726 ochroleucum pale yellow 10-30cm 88  
1727 stracheyi white 30-40cm 11  
1728 **Leptodermis** oblonga lilac-purple 45-60cm 275  
1729 **Leptospermum** 'Julie Ann' pale mauve 30cm 30  
1730 rotundifolium white/purple-pink to 2m 35  
1731 rupestre ex Tasmania white to 1.5m 2  
1732 scoparium ex New Zealand 4m 2  
1733 spectabile dark red to 3m 30  
1734 squarrosum white/pink 1-4m 30  
1735 **Lespedeza** bicolor purple/pink to 3m 74  
1736 **Lesquerella** alpina yellow 15cm 29 31 164  
1737 kingii yellow 5-15cm 190 194  
1738 occidentalis ssp occidentalis yellow 3-15cm 66  
1739 ovalifolia yellow 5-30cm 80 109  
1740 **Leucanthemopsis** alpina white 15cm 262  
(Leucanthemum-see Rhodanthemum)  
1741 **Leucojum** aestivum white 35-60cm 4  
1742 vernum white 12-35cm 60  
1743 **Lewisia** brachycalyx white 8cm 178  
1744 columbiana white-pink 12cm 80 173  
1745 cotyledon mix 10-30cm 80 84 149  
1746 cotyledon pink/peach/orange 10-30cm 177  
1747 **Lewisia** 'Little Plum' plum pink 15cm 45  
1748 nevadensis white 5-12cm 242 279  
1749 pygmaea pink 3-9cm 4 216 275  
1750 pygmaea white 3-9cm 101  
1751 rediviva rose-pink 5cm 82 217  
1752 tweedyi pink/yellow 20cm 193  
1753 **Liatris** ligulistylis purple 20-100cm 249  
1754 pilosa pinkish purple 40-120cm 124  
1755 punctata lavender 15-85cm 100 250  
1756 pycnostachya 'Alba' white to 1.5m 274  
1757 spicata 'Kobold' bright violet 40cm 274  
1758 **Libertia** caerulescens sky blue 60cm 24 201  
1759 grandiflora white 30-70cm 60  
1760 grandiflora (cf) 231  
1761 **Ligularia** 'Britt-Marie Crawford' yellow flr/dark lvs 50cm 230  
1762 japonica orange-yellow to 1m 7  
1763 macrophylla golden yellow to 1.8m 258  
1764 sibirica yellow 1.5m 163  
1765 veitchiana yellow 1.8m 116  
1766 **Ligusticum** scoticum green-white/tinged pink to 90cm 249  
1767 **Lilium** auratum white/yellow 60-150cm 215  
1768 brownii white/purplish 70-200cm 267  
1769 callosum orange-red 90cm 1  
1770 canadense red to 1.8m 139  
1771 canadense v editorum red to 150cm 192  
1772 candidum white 1-2m 215  
1773 concolor v pulchellum orange 40cm 269  
1774 dalhansonii 'Marhan' (x) orange-yellow/brown spots 1.5m 186  
1775 dauricum good red 80cm 269  
1776 dauricum orange w/red overlay 45cm 269  
1777 dauricum orange-scarlet to 75cm 209  
1778 dauricum red & pink overlay 80cm 269  
1779 davidii orange-dark purple spots 50-100cm 215  
1780 davidii v willmottiae orange/purple spots 50-100cm 269  
1781 duchartrei white w/purple 60-100cm 1 35  
1782 formosanum (cf) white to 120cm 51  
1783 formosanum v pricei white/purple 30-60cm >  
1784 henryi orange 1-3m 128  
1785 henryi ex Chen Yi orange 90cm 275  
1786 kelloggii pink/maroon spots to 2.1m 215  
1787 lankongense pink w/red spots 40-150cm 175 178 269  
1788 leucanthum v centifolium white tinged purple 60-150cm 215  
1789 longiflorum white 1m 114  
1790 lophophorum v linearifolium yellow 10-45cm 70  
1791 mackliniae purplish-pink 30-45cm >  
1792 mackliniae white 60cm 24  
1793 maritimum red-orange 1.2-2.3m 40 153  
1794 martagon dark pink to 2m 173  
1795 martagon dull pink to 2m >  
1796 martagon maroon to 2m 242  
1797 martagon mix to 2m 22  
1798 martagon pink 135cm 269  
1799 martagon pink & white 90cm 198  
1800 martagon pink/spotted 1m 24  
1801 martagon red to 2m 114 117  
1802 martagon ex Passo Maniva Italy reddish orange 60-100cm 252  
1803 martagon hybrids mix to 2m 155  
1804 martagon 'Inshriach' strain 22  
1805 martagon v album white to 2m >  
1806 martagon v cattaniae dark maroon to 2m >  
1807 michiganense yellow-orange to 1.9m 7  
1808 monadelphum yellow 1-1.5m 22 269  
1809 monadelphum hybrid 22  
1810 nanum pale purplish/purple spots 10-30cm 70  
1811 nanum Bhutan form dark purple 30cm 39  
1812 nanum v flavidum yellow 10-30cm 70  
1813 oxypetalum v insigne purplish pink 20-25cm 23 47 70  
1814 pardalinum orange-red 2-3m 138 232 236  
1815 pardalinum dwarf form orange-red 30cm 177  
1816 pardalinum ssp pitkinense (hp) from select red flr clones 4  
1817 pardalinum ssp shastense orange-red to 2m 23

## Lilium-Mimulus

- 1818 **Lilium philadelphicum** orange-red to 1.2m 269  
1819 **pumilum** scarlet 45cm >  
1820 **pyrenaicum** yellow-green/maroon 15-135cm 116  
1821 **pyrenaicum** (sweet-scented strain) 267  
1822 **pyrenaicum** ssp **carniolicum** yellow-orange-red to 120cm 85 228  
1823 **pyrenaicum** ssp **pyrenaicum** ex Andorra yellow 160-170cm 1  
1824 **regale** white/purple tint to 2m >  
1825 **sargentiae** white 45-160cm 215  
1826 **superbum** yellow-orange/red-orange to 2.8m 192 215  
1827 **superbum** ex Little Compton, RI red-orange to 1.5m 29  
1828 **superbum** from 3 clones yellow-orange/red-orange to 2.8m 274  
1829 **trumpet** hybrids mixed 1-1.5m 3  
1830 **tsingtauense** orange/spotted 40-85cm 269  
1831 **Limnanthes douglasii** yellow/white tips 15-30cm 122 244  
1832 **Limonium bellidifolium** pale violet 10-20cm 159  
1833 **cosyrense** pink 25cm 80 274  
1834 **minutum** light violet 10-15cm 80  
1835 **Linaria aeruginea** purple/violet 10-20cm 48  
1836 **aeruginea** 'Neon Lights' mix 20cm 50  
1837 **alpina** mix 5-20cm 22 188  
1838 **alpina** violet/yellow 5-20cm 165  
1839 **anticaria** hybrids mix 10cm 131  
1840 **purpurea** 'Canon Went' pale pink 45-90cm 250  
1841 **Lindelofia longiflora** dark blue to 60cm 14  
1842 **Linum africanum** yellow to 90cm 174  
1843 **capitatum** yellow 20-30cm 104  
1844 **dolomiticum** yellow 15-20cm 35  
1845 **elegans** yellow 15cm 227  
1846 **flavum** yellow 30-45cm 197  
1847 **flavum** 'Compactum' yellow 15cm 26 100  
1848 **lewisii** v **lewisii** blue 45-90cm 174  
1849 **perenne** blue 40-60cm 31  
1850 **suffruticosum** ssp **salsoloides** 'Nanum' white 8-10cm 38 47  
1851 **Liriope muscari** mauve to 45cm 20  
1852 **Lithophragma affine** white 10-60cm 151  
1853 **Littonia modesta** orange-yellow 1.2m 20  
1854 **Lobelia cardinalis** red 60-120cm >  
1855 **cardinalis** 'Golden Torch' red flr/yellow-green lvs 45-80cm 166  
1856 'Crown Royal' red 72cm 128  
1857 **gibberoa** greenish-white 2-4m 24  
1858 **laxiflora** v **angustifolia** red-orange/yellow to 90cm 231  
1859 **preslii** blue 8-60cm 250  
1860 **puberula** blue-violet 40-120cm 239  
1861 **siphilitica** blue 60-90cm >  
1862 **siphilitica** 'Alba' white 60-90cm 212  
1863 **tupa** red to 2m 118 231  
1864 **Lomatium columbianum** pinkish purple 30-60cm 170  
1865 **grayi** (aff) yellow 30-40cm 249  
1866 **Lonicera fragrantissima** cream 2m 162  
1867 **purpusii** 'Winter Beauty' (x) white/winter fragrant to 2m 259  
1868 **Luetkea pectinata** white 5-15cm 64  
1869 **Lunaria annua** purple 1m 33 78  
1870 **annua** 'Rosemary Verey' purple flr/dark blotch lvs 1m 257  
1871 **annua** 'Stella' white/variegated lvs 50cm 94  
1872 **annua** v **albiflora** white to 85cm 108  
1873 **annua** v **albiflora** 'Alba Variegata' white flr/lvs variegated 1m 62  
1874 **annua** 'Variegata' purple flr/variegated lvs 1m 58  
1875 **rediviva** white to 1m 7  
1876 **Lupinus albifrons** violet-lavender 90-150cm 52  
1877 **argenteus** blue/lilac 30-60cm 132  
1878 **garden** hybrid pink 75cm 219  
1879 **perennis** mix to 70cm 6  
1880 **rivularis** violet 35-100cm 214  
1881 **sp** blue 40cm 95  
1882 **Luzula nivea** white 30-60cm 132 206  
1883 **Lychnis alpina** pink 10cm 78 104  
1884 **alpina** rose-purple 5-15cm 70 74 279  
1885 **arkwrightii** 'Vesuvius' (x) red to 45cm 46  
1886 **coronaria** purple-red flr/silver lvs to 80cm 148 190 197  
1887 **coronaria** 'Angel's Blush' white/pink eye 60-90cm 12 203  
1888 **Lychnis coronaria** **Atrosanguinea** Group magenta flr/silvery lvs 60-90cm 58 242  
1889 **flos-cuculi** 'Nana' pink 15cm 88  
1890 **flos-cuculi** v **congesta** rose-red 10cm 65  
1891 **flos-jovis** mix 30-45cm 56 167 174  
1892 **flos-jovis** red 30-45cm 196  
1893 **flos-jovis** 'Nana' red-pink to 25cm 172  
1894 **flos-jovis** 'Peggy' pink 15-25cm 91 166  
1895 'Molten Lava' scarlet 30cm 177  
1896 **viscaria** red-purple/pink 40-60cm 91 196  
1897 **viscaria** 'Splendens' rose-red 30cm 31 173  
1898 **yunnanensis** pink 20cm 28 173  
1900 **Lycium chinense** violet 60cm 20  
1901 **Lycoris** species & hybrids from China yellow/cream/red 30-50cm 256  
1902 **Macleaya cordata** white-cream to 2.5m 20  
1903 **microcarpa** beige-pink 2.5m 20  
1904 **Maesa montana** white 2-3m 3  
1905 **Magnolia tripetala** creamy white to 15m 274  
1906 **virginiana** cream-white to 10m 102  
1907 **virginiana** 'Moonglow' cream-white to 10m 265  
1908 **virginiana** 'Ned's Northern Belle' white 10m 265  
1909 **yunnanensis** cream 4m 14  
1910 **Maianthemum (Smilacina) racemosum** white 75-125cm >  
1911 **Maihuea poeppigii** yellow-white 10cm 109  
1912 **Malva moschata** mix to 1m 22 155  
1913 **moschata** f **alba** white 100cm 31 22  
1914 **moschata** **rosea** rose-purple to 1m 22  
1915 **sylvestris** purple/pink/bicolor 180cm 222  
1916 **Marrubium globosum** whitish 15-40cm 148  
1917 **incanum** white 50cm 148 250  
1918 **Marshallia graminifolia** lavender-purple 30-80cm 44  
1919 **Maurandella (Asarina) antirrhiniflora** purple-violet 1-2m 184  
1920 **Meconopsis betonicifolia** blue to 90cm >  
1921 **betonicifolia** 'Hensol Violet' violet 90cm 22  
1922 **betonicifolia** v **alba** white 45cm 20  
1923 **betonicifolia** x **grandis** bright blue 120cm 182  
1924 **cambrica** orange 40-60cm 84  
1925 **cambrica** yellow 40-60cm >  
1926 **cambrica** **flore-pleno** orange 40-60cm 84  
1927 **cambrica** 'Frances Perry' scarlet to 60cm >  
1928 **Fertile Blue Group** blue 60-90cm 139  
1929 **grandis** blue to 1m 65 163  
1930 **horridula** pale to deep blue to 30cm 18  
1931 **lancifolia** blue-purple 8-35cm 22  
1932 'Lingholm' (Fertile Blue Group) blue 1m >  
1933 **napaulensis** mix to 2.6m 22  
1934 **napaulensis** red to 2m 23  
1935 **paniculata** ex Ghansa, Nepal yellow to 100cm 22  
1936 **racemosa** blue 20-50cm 147  
1937 **sheldonii** (x) (Fertile Blue Group) blue to 1m 20  
1938 **Melaleuca squamea** ex Tasmania 1-2m 2  
1939 **Melanoselinum decipiens** white/purple tinged to 2.5m 3  
1940 **Melica altissima** 'Atropurpurea' deep mauve to 150cm 172  
1941 **Mentzelia laevicaulis** v **laevicaulis** yellow 30-100cm 100  
1942 **nuda** white 60-90cm 250  
1943 **Merendera filifolia** rose-red purple 15cm 250  
1944 **sobolifera** rosy-lilac 10-20cm 275  
1945 **Mertensia maritima** pale blue to 15cm 227  
1946 **maritima** Irish native form blue 6cm 22  
1947 **maritima** ssp **asiatica** blue 5-10cm 128  
1948 **virginica** (moist-packed) blue 45-60cm 275  
1949 **Metrosideros excelsa** ex New Zealand 15m 2  
1950 **Mibora minima** 5-10cm 253  
1951 **Milium effusum** 'Aureum' yellow-green lvs to 180cm 164  
1952 **Mimulus cardinalis** orange-red 25-80cm 177 202  
1953 **cupreus** copper-red 20-30cm 177  
1954 **guttatus** yellow 2-150cm 132 139

## Garden Collected



## Mimulus-Paeonia

- 1955 **Mimulus** lewisii lavender-purple 25-80cm 215  
1956 **Minuartia** juniperina white 8-20cm 80  
1957 laricifolia white 10-20cm 42 250  
1958 laricifolia ssp kitaibelii white 25cm 80  
1959 verna white 5-10cm 274  
1960 **Mirabilis** jalapa yellow 1m 152 36  
1961 longiflora white 1m 242  
1962 multiflora magenta 40-70m >  
1963 **Mitella** diphylla white 10-45cm 74 123  
1964 **Molopospermum** peloponnesiacum creamy white 1-1.5m 89  
1965 **Moltkia** petraea deep violet-blue 20-40cm 157  
1966 suffruticosa deep blue 6-25cm 38  
1967 **Monarda** bradburiana pinkish-white w/purple spots  
30-60cm 166  
1968 **Monsonia** emarginata white/yellow to 40cm 29  
1969 **Montiopsis** cistiflora deep pink 5-10cm 66  
1970 **Moraea** bellendenii yellow 50-100cm 93  
1971 gracilentia mauve-blue 30-80cm 251  
1972 huttonii yellow to 1m 35 231  
1973 lewisiae yellow 20-90cm 93  
1974 lurida yellow/brown 15cm 93  
1975 macrocarpa violet 8-12cm 93  
1976 moggii cream-yellow to 70cm 231  
1977 polyanthos blue 15-60cm 93  
1978 polystachya light blue 50-80cm 251  
1979 tripetala blue 20-45cm 93  
1980 vegeta dull yellow-brown 15-30cm 9 93  
1981 villosa mix 30-40cm 93  
1982 **Morina** longifolia white/pink 1m 20  
1983 **Muscari** armeniacum pink to 30cm 96  
1984 armeniacum 'Valerie Finnis' pale blue 15cm 96 107  
1985 azureum blue 15cm 131  
1986 botryoides blue to 25cm 4  
1987 comosum brown/violet 15-40cm 72 190  
1988 grandifolium purple-black 15-45cm 96  
1989 latifolium dark violet-blue 10-15cm >  
1990 pallens pale blue-white 10-15cm 52  
1991 pallens 'Album' white 10-15cm 20  
1992 sp mix 50  
1993 species nova 'White-Rose Beauty' ex Ruksans  
pink/white 10-12cm 275  
1994 **Mutisia** ilicifolia pale pink 3m 23  
1995 spinosa pale pink to 6m 35  
1996 **Myosotis** alpestris blue 5-20cm 12 26  
1997 **Napaea** dioica white 2.5m 168  
1998 **Narcissus** assoanus yellow 7-25cm 112  
1999 bulbocodium yellow 4-10cm 198  
2000 bulbocodium ssp obesus yellow 10-30cm 4  
2001 bulbocodium v graellsii white/pale yellow 9cm 112  
2002 bulbocodium v tenuifolius yellow 12cm 4  
2003 calcicola yellow 18cm 112  
2004 cyclamineus yellow 20cm 24  
2005 lobularis pale yellow 15cm 250  
2006 Nylon Group white 12cm 4  
2007 papyraceus white 40cm 278  
2008 papyraceus ssp polyanthus white 28cm 69  
2009 romieuxii 'Julia Jane' soft yellow 15-20cm 4  
2010 rupicola yellow to 23cm 72 75 112  
2011 rupicola 'Rapiata' (nv) yellow 178  
2012 tazetta white/yellow 30cm 198  
2013 **Nectaroscordum** siculum maroon/greenish-cream to  
1.5m 28  
2014 siculum ssp bulgaricum pink/green-white to 1.5m 275  
2015 tripedale pink 90cm 275  
2016 **Nemophila** maculata white/violet spots to 30cm 150  
2017 menziesii blue/white 12cm 26 150  
2018 **Nepeta** italica white 50cm 226  
2019 nepetella pink/white 80cm 87  
2020 racemosa violet-blue 30cm 250  
2021 subsessilis violet-blue 45-60cm 54 113 242  
2022 tuberosa purple-violet 30-60cm 150  
2023 **Nicotiana** 'Baby Bella' dark red 45-60cm 58  
2024 langsdorffii lime green to 1.5m 3  
2025 thyrsoflora yellow 1m 21  
2026 **Nigella** damascena blue 50cm 76  
2027 damascena 'Green Magic' (nv) Green 50cm 59  
2028 **Nomocharis** aperta rose-purple 40-60cm 70 201  
2029 farreri pink/white crimson spots 60-100cm 24 70  
2030 meleagrina white-pale pink w/purple-red spots 35-100cm 228  
2031 **Oenothera** acaulis 'Aurea' yellow to 15cm 115  
2032 argillicola yellow 60-120cm 153  
2033 flava pale yellow 7-10cm 29 181  
2034 longituba ex F&W 11503 yellow 50cm 200  
2035 macrocarpa ssp fremontii yellow 5-15cm 250  
2036 rosea pink 15-60cm 158  
2037 stricta yellow to 1m 162  
2038 **Oligoneuron (Solidago)** rigida yellow 30-150cm 205 250  
2039 **Omphalodes** linifolia white-pale blue 20-30cm 22 59 150  
2040 **Onixotis** stricta white/pink 20-50cm 36  
2041 **Onosma** echioides pale yellow 15-30cm 250  
2042 nana white/yellow to pink/blue to 18cm 22 167  
2043 **Ophiopogon** planiscapus 'Nigrescens' lavender-white/  
black lvs 30cm 84  
2044 **Oreomyrrhis** argentea white 20cm 47  
2045 **Orlaya** grandiflora white 45-60cm 234  
2046 **Ornithogalum** magnum white to 90cm 31 247  
2047 multifolium yellow-orange to 25cm 170  
2048 pyramidale white/green stripe 30-120cm 237  
2049 pyrenaicum pale greenish-yellow 30-60cm 198  
2050 pyrenaicum v flavescens yellow 30-60cm 7  
2051 **Orostachys** chanetii white 10-30cm 250  
2052 iwarenge white to 45cm 250  
2053 sp 31  
2054 **Orthrosanthus** multiflorus blue 45cm 35  
2055 polystachys blue 60-120cm 145  
2056 **Osbeckia** chinensis purple 20-60cm 20  
2057 **Osteospermum** barberae magenta to 50cm 31  
2058 **Oxalis** valdiviensis yellow 18cm 35  
2059 **Oxyria** digyna greenish-pink 20-30cm 20 223  
2060 **Oxytropis** campestris pale yellow 10-20cm 28  
2061 jacquini violet-purple 10-15cm 99  
2062 megalantha purple to 20cm 68 99  
2063 podocarpa purple 4cm 179  
2064 ruthenica purple 20cm 99  
2065 **Pachyphragma** macrophyllum white to 40cm 74 106  
2066 **Packera** cana yellow 10-30cm 82  
2067 sp ex Red Mtn, MT 193  
2068 werneriifolia yellow 7-15cm 217  
2069 **Paeonia** anomala rose-red to 1m 168  
2070 broteri rose-pink 40cm 21  
2071 cambessedesii rose-pink to 45cm 62 107 138  
2072 daurica pink 60-100cm 23 124  
2073 decomposita rose to 1.8m 233  
2074 delavayi dark red 1.6m 124 139 169  
2075 delavayi v lutea yellow to 1.6m 96  
2076 emodi white to 75cm 21  
2077 japonica white 40-50cm 256 260  
2078 lactiflora purple 40cm 20  
2079 lactiflora white/pink to 70cm 96  
2080 ludlowii yellow to 2.5m 169  
2081 mascula pink 25-60cm 73 147 228  
2082 mascula ssp mascula purple-red 60cm 229  
2083 mlokosewitschii yellow 80-100cm >  
2084 mlokosewitschii hybrid (cf) yellow 30cm 4  
2085 obovata deep rose 60cm 29  
2086 obovata pale rose 40-50cm 203 256 275  
2087 obovata v alba white 40-50cm 139 194 241  
2088 officinalis rich red 60cm 265  
2089 peregrina red 50cm 250  
2090 rockii white/dark purple eye to 1.8m 21  
2091 rockii varieties mix 233  
2092 sp pale yellow flr/red frt/gray green lvs 60cm 221

## **Paeonia-Penstemon**

- 2093 **Paeonia** sp pink-yellow 70cm 95  
2094 suffruticosa pink to 1.5m 128  
2095 suffruticosa white/pink double 121  
2096 suffruticosa "Guardian of the Monastery" lavender-dark purple center 90-120cm 265  
2097 suffruticosa 'Taiyo' (cf) deep rose 1.5m 203  
2098 tenuifolia deep crimson 35-50cm 83  
2099 veitchii magenta to 50cm 147 241  
2100 veitchii v woodwardii magenta 30cm 267 190  
2101 **Panax** ginseng 30-60cm 7  
2102 **Pancratium** illyricum white 30-60cm 60  
2103 **Papaver** aculeatum orange 30-60cm 69  
2104 alboroseum deep pink to 15cm 22  
2105 alboroseum white-rose to 15cm 22 65  
2106 alpinum mix to 25cm 22 275  
2107 alpinum soft orange to 25cm 164 275  
2108 alpinum yellow/orange to 25cm 78  
2109 alpinum hybrid yellow flr/ glabrous lvs 10-15cm 275  
2110 anomalum album white to 40cm >  
2111 apokrinomenon red-orange 30-40cm 250  
2112 atlanticum soft orange 45cm >  
2113 atlanticum ex Jebel Toubkal, Morocco peach 30cm 262  
2114 atlanticum 'Flore Pleno' double soft orange to 45cm 275  
2115 burseri white 25cm 22 262  
2116 commutatum 'Lady Bird' red/black spots to 45cm 22 91  
2117 degenii orange 8cm 104  
2118 degenii yellow 5-15cm 217  
2119 julicum white 10-15cm 66  
2120 lapponicum yellow to 35cm 132  
2121 lasiothrix blood red 60-90cm 144  
2122 lisae brick red 12-15cm 131  
2123 microcarpum (aff) pale pink/yellow 8cm 253  
2124 miyabeanum pale yellow 10-15cm >  
2125 monanthum orange-pink 25-45cm 22  
2126 nudicaule yellow 30-50cm 181  
2127 nudicaule v croceum orange-red 30-50cm 157  
2128 nudicaule v croceum (aff) 91  
2129 persicum orange-red to 1m 226  
2130 radicum ssp kluanensis yellow to 17cm 216  
2131 rhoeas red/black to 90cm 250  
2132 rhoeas red/pink/white 70cm 165  
2133 rhoeas Shirley Group mix 25-90cm 22  
2134 rupifragum pale brick-red to 45cm 48  
2135 somniferum burgundy to 120cm 151  
2136 somniferum coral single 90cm 164  
2137 somniferum double pink 75cm 233  
2138 somniferum double pink/purple blotch 256  
2139 somniferum lavender/plum to 120cm 181  
2140 somniferum pink to 120cm 162  
2141 somniferum plum to 120cm 22  
2142 somniferum 'Lauren's Grape' rich purple 90cm 122 165  
2143 somniferum mix pompon/double pink/lilac 219  
2144 somniferum mix single/double pink//lavender 70-90cm 12  
2145 sp ex Pamir Mtns, Tajikistan light orange 50cm 11 200 226  
2146 suaveolens orange 10cm 161  
2147 tauricolum brick red to 45cm 250  
2148 triniifolium pale red-orange 40cm 91  
2149 **Paradisea** liliastrum white 35-50cm 188 229  
2150 liliastrum 'Major' white 60cm 22  
2151 lusitanica white to 150cm 75 229  
2152 **Parasenecio** hastatus white 1-2m 133  
2153 **Pardancanda**(x) norrisii orange 60-90cm 254  
2154 **Paris** quadrifolia yellow green 15-40cm 229  
2155 **Parnassia** asarifolia white to 50cm 153  
2156 glauca white 20-40cm 275  
2157 grandifolia white to 60cm 153  
2158 **Passiflora** incarnata white/purple 1.8-2.4m 16  
2159 **Patrinia** gibbosa yellow 20-60cm 113 172  
2160 scabiosifolia yellow 90-120cm 101  
2161 sibirica yellow 15-30cm 209  
2162 **Pediocactus** despainii yellow-peach bronze to 15cm 250  
2163 **Pediocactus** knowltonii pink to 6cm 250  
2164 simpsonii golden spined 250  
2165 simpsonii mix 15cm 193  
2166 simpsonii 'Snowball' dense white spines/pink flr 7cm 250  
2167 simpsonii v minor RP106 250  
2168 **Pelargonium** alchemilloides pink-cream 30cm 251  
2169 endlicherianum carmine-magenta 20-35cm 217  
2170 endlicherianum select pink form dark pink/magenta 30cm 262  
2171 **Peltoboykinia** tellimoides pale yellow 20-100cm 116 274  
2172 watanabei cream-yellow 45-85cm 141  
2173 **Penstemon** angustifolius blue 30cm 66  
2174 arenicola bright blue to 18cm 109  
2175 attenuatus v attenuatus blue-purple 60cm 66  
2176 auriberbis lavender to 20cm 66  
2177 barbatus red 75cm 29 35 201  
2178 barbatus 'Elfin Pink' pink 45cm 66  
2179 barbatus Rondo hybrid scarlet 30-35cm 148  
2180 barrettiae lilac/rose to 30cm 232  
2181 brandegei blue 60-90cm 66  
2182 breviculus blue/purple 20cm 66 241  
2183 californicus blue-purple 10-30cm 174  
2184 cardwellii x barrettiae garden hybrid purple 25cm 202  
2185 confertus pale yellow 45cm 48 132  
2186 davidsonii v praeteritus lavender-violet 10cm 91  
2187 digitalis white to 150cm 242 249  
2188 digitalis 'Husker Red' white flr/maroon lvs 90cm 136 275  
2189 eatonii red 60-100cm 81 230  
2190 eriantherus purple 30cm 66  
2191 fendleri blue-violet 50cm 80  
2192 fruticosus (aff) 91  
2193 fruticosus hybrid 250  
2194 fruticosus v serratus lilac-purple 15cm 216  
2195 gormanii blue purple 15-30cm 77  
2196 gracilis pale purple 20-60cm 230  
2197 grandiflorus lavender 60cm 230  
2198 grandiflorus pale purple-pink 60cm >  
2199 heterophyllus red-violet/blue to 120cm 35  
2200 hirsutus light purple/white to 45cm 119 242  
2201 hirsutus v minimus lavender 10cm 29  
2202 hirsutus v pygmaeus lavender/white 15cm 243  
2203 hirsutus v pygmaeus purple 10cm >  
2204 hirsutus v pygmaeus f albus white 6-10cm >  
2205 incertus violet-purple 20-100cm 174  
2206 kunthii red 90-120cm 38  
2207 laevigatus pale lavender to 70cm 33  
2208 laricifolius ssp laricifolius purple 20cm 250  
2209 linarioides mix pink/lavender 15cm 217  
2210 linarioides ssp coloradoensis blue-lavender 30cm 66 250  
2211 lyallii lavender/pink 60cm 179  
2212 mexicali 'Pike's Peak Purple' (x) purple 45cm 66  
2213 neomexicanus blue-purple 60cm 15  
2214 nitidus bright blue 15-30cm >  
2215 nitidus ex Alberta Canada blue 12cm 86  
2216 ovatus deep blue 90cm 48 119 244  
2217 ovatus pale blue 90cm 81  
2218 palmeri pink to 1.2m 100  
2219 palmeri pink dwarf 250  
2220 paysoniorum blue 15cm 52 216 217  
2221 pinifolius orange-red 15cm 231  
2222 procerus blue-purple 30cm 132  
2223 procerus v procerus blue-purple 30cm 134  
2224 procerus v tolmiei cream 268  
2225 pseudospectabilis rose-pink 90-150cm 250  
2226 'Red Rocks' rose-pink/white 45cm 230  
2227 richardsonii v richardsonii reddish pink 20-90cm 202  
2228 secundiflorus reddish purple-lavender 30cm 52  
2229 serrulatus dark blue-purple 60cm 38 202  
2230 smallii light blue 60cm 29  
2231 smallii pale red-purple 60cm 44 152  
2232 speciosus ssp kennedyi blue 20cm 91  
2233 spectabilis blue-purple/lavender 80-120cm 174

## **Garden Collected**

## Penstemon-Primula

- 2234 **Penstemon** strictus blue/purple 60cm 268  
2235 subglaber deep blue 30-60cm 80  
2236 virens blue 30cm 91 193  
2237 virgatus ssp asa-grayi purple to 80cm 274  
2238 washingtonensis blue-purple 15cm 66  
2239 whippleanus dark wine purple to 60cm 132  
2240 **Penthorum** sedoides white 10-60cm 74  
2241 **Perezia** multiflora blue to 50cm 31  
2242 **Perovskia** abrotanoides violet to 1m 54  
2243 'Blue Spire' lavender blue 90-120cm 224  
2244 **Persicaria** bistorta 'Superba' pink to 90cm 183  
2245 filiformis rose 50-80cm 158  
2246 virginiana white/pink 45-60cm 158  
2247 virginiana 'Painter's Palette' red flr/red-white-green  
lvs to 120cm 125 120  
2248 **Petrocoptis** pyrenaica mix 8-15cm 80  
2249 pyrenaica ssp glaucifolia rose-pink to 15cm 28  
2250 **Petrophytum** caespitosum white 10cm 193 250  
2251 **Petrorhagia** saxifraga pink to 40cm 251 254  
2252 **Petteria** ramentacea yellow 2m 7  
2253 **Peucedanum** litorale white 20cm 124  
2254 **Phacelia** campanularia blue 15-40cm 26 150 255  
2255 tanacetifolia blue-mauve 15-120cm 26  
2256 **Phaenosperma** globosa 1-1.5m 113  
2257 **Phemeranthus (Talinum)** calycinus pink/red-purple  
to 40cm >  
2258 sediformis white 10cm 80  
2259 sp bright rose 15cm 202  
2260 spinescens bright rose 30cm 250  
2261 thompsonii pink 50cm 109  
2262 **Philadelphus** hirsutus white to 2.5m 140  
2263 **Philibertia** gracilis white/red streaks 2m 170  
2264 **Phlomis** alpina purple to 45cm 33  
2265 crinita yellow/brown to 70cm 250  
2266 grandiflora yellow to 2m 87  
2267 russeliana yellow 1m 87 200  
2268 tuberosa pink-purple 1.5m 4  
2269 **Phlox** paniculata hybrids mix 60-100cm 274  
2270 paniculata 'Norah Leigh' white w/pink eye flr/  
variegated lvs 60-90cm 275  
2271 **Phormium** tenax dull red to 4.5m 3  
2272 **Phyllodoce** nipponica white 20cm 35  
2273 tsugifolia white to 15cm 225  
2274 **Physaria** didymocarpa yellow to 15cm >  
2275 newberryi yellow 3-10cm 66  
2276 **Physochlaina** orientalis pale purple-blue to 45cm 6  
2277 **Phyteuma** charmeli blue to 30cm 114  
2278 hemisphaericum deep blue 10-15cm 164  
2279 humile violet-blue 2-12cm 70  
2280 nigrum blackish-purple 30-60cm 62  
2281 orbiculare blue-violet 30cm 269  
2282 scheuchzeri deep blue to 40cm >  
2283 sieberi deep blue 10cm 101 148  
2284 spicatum yellowish-white 40-80cm 198  
2285 **Pinellia** ternata (PI) green 10cm 96  
2286 tripartita green 20-30cm 125  
2287 **Pinguicula** grandiflora purple-lilac 8-15cm 22  
2288 **Pityopsis** falcata yellow 20-30cm 234  
2289 **Plantago** camtschatica 10-35cm 258  
2290 major 'Rosularis' green 25cm 171  
2291 major 'Rubrifolia' dark maroon lvs 8-40cm 247  
2292 major 'Variegata' variegated lvs 8-40cm 247  
2293 maritima ssp serpentina green-brown 3-20cm 117  
2294 sp ex Morocco 250  
2295 **Platycodon** grandiflorus blue to 70cm >  
2296 grandiflorus mauve to 70cm 189  
2297 grandiflorus pink to 70cm 189  
2298 grandiflorus (dwarf form) blue 20-30cm 189 242  
2299 grandiflorus Apoyama Group violet blue 20cm 242  
2300 grandiflorus 'Mariesii' violet-blue to 45cm 25cm 242  
2301 grandiflorus 'Nanus' blue 20cm 164  
2302 **Platycodon** grandiflorus 'Sentimental Blue' blue 15-30cm >  
2303 **Plectranthus** sp gray lvs 50-75cm 46  
2304 **Poa** bulbosa to 55cm 212  
2305 **Podophyllum** hexandrum mix 15-60cm 107  
2306 hexandrum pink 15-60cm 192 275  
2307 hexandrum red 196  
2308 pleianthum dark reddish purple to 60cm 121  
2309 **Polemonium** brandegeei pale yellow 12-20cm 115  
2310 caeruleum blue 30-100m >  
2311 carneum pink/yellow 10-40cm 115  
2312 foliosissimum v flavum yellow 40-70cm 38  
2313 pauciflorum soft yellow 15-30cm 135  
2314 pulcherrimum blue 5-50cm 250  
2315 reptans blue 30-70cm 166  
2316 viscosum blue-violet 20-40cm 243  
2317 **Polianthes** geminiflora orange-red to 70cm 36  
2318 **Poliothyrsis** sinensis white-yellow to 15m 259  
2319 **Pollia** japonica white/blue-black fruit 1m 125 7  
2320 **Polygonatum** sibiricum white 50-90cm 274 275  
2321 **Polyxena** longituba white-mauve 7cm 35 161  
2322 maughanii white 5cm 170  
2323 odorata white 5cm 50  
2324 **Poncirus** trifoliata white flr/yellow frt 2-6m 84  
2325 trifoliata 'Flying Dragon' white flr /contorted to 3.5m 62  
2326 **Potentilla** atrosanguinea deep red to 90cm 163  
2327 aurea yellow 10-20cm 200 225  
2328 biflora yellow 4-12cm 157  
2329 crantzii yellow 15-25cm 250  
2330 cuneata yellow 4-12cm 104  
2331 dickinsii yellow 10-20cm 47 88  
2332 fruticosa v pyrenaica yellow to 20cm 126  
2333 glandulosa yellow-white 5-90cm 174  
2334 gracilis yellow 40-80cm 174  
2335 'Helen Jane' pink/red eye 30-45cm 256  
2336 hyparctica v nana yellow 5-10cm 91 250  
2337 lineata yellow 5-40cm 158  
2338 megalantha yellow 15-30cm 172  
2339 nepalensis cultivar peach-rose 136  
2340 nepalensis 'Miss Willmott' cherry red 40cm 183  
2341 porphyrantha pink 5-15m 275  
2342 pyrenaica yellow 20-40cm 42  
2343 rubricaulis ex Pike's Peak yellow 15cm 88  
2344 rupestris white 18-45cm 164 168 189  
2345 sp red 40cm 65  
2346 speciosa white to 30cm 225  
2347 **Primula** alpicola mix 15-60cm 116 182  
2348 alpicola v violacea violet/purple 15-60cm 104  
2349 apoclita purplish blue 16cm 70  
2350 auricula yellow to 20cm 32 84  
2351 auricula 'Clifton Blue' lavender-blue 10cm 18  
2352 Barnhaven hybrids mix 15-20cm 49  
2353 beesiana reddish-purple 25cm 53 116 183  
2354 bulleesiana (x) mix 30-60cm 167  
2355 bulleyana deep red to orange to 60cm 147  
2356 bulleyana yellow to 60cm 177  
2357 burmanica reddish-purple 60cm 116 147  
2358 candelabra species & hybrids mix 231  
2359 chungensis pale orange to 60cm 70 116  
2360 clusiana pink/lilac 5-20cm 47  
2361 cortusoides pink/red-violet 15-30cm 182  
2362 cuneifolia ssp heterodonta purple 5-18cm 209  
2363 denticulata lavender 30cm 183  
2364 denticulata mix 30cm 31 90  
2365 elatior pale yellow 5-15cm >  
2366 elatior ssp elatior pale yellow 5-15cm 32  
2367 farinosa lilac pink 5-20cm 177  
2368 florindae mix to 1.2m 116  
2369 florindae red shades to 120cm 35 227  
2370 frondosa pinkish-purple 4-12cm 102 275  
2371 glaucescens pink-lilac 3-12cm 11  
2372 halleri lilac to 18cm 11 104

## Primula-Rhododendron

- 2373 **Primula japonica** crimson/dark center 40-80cm 183  
2374 japonica dark pink 40-80cm 64 122  
2375 japonica dark red 40-80cm 49  
2376 japonica dark reds/purples 40-80cm 173  
2377 japonica mix 40-80cm >  
2378 japonica pale pink 40-80cm 122  
2379 japonica pink/white/coral 40-80cm 275  
2380 japonica red 40-80cm 28 59 131  
2381 japonica red with white 40-80cm 260  
2382 japonica shades of pink 45-60cm 53 57 242  
2383 japonica 'Alba' white 40-80cm 183  
2384 japonica 'Apple Blossom' pale pink 80cm 53 59 116  
2385 japonica 'Miller's Crimson' dark red to 45cm 22  
2386 japonica 'Oriental Sunrise' deep red 80cm 116 127  
2387 japonica 'Postford White' white 40-80cm 116 172  
2388 japonica Redfield Strain red/purple 60cm 53  
2389 kisoana rose-purple 10-15cm 20  
2390 laurentiana lilac-purple to 30cm 163  
2391 'MacWatt's Cream' cream 10-15cm 84  
2392 modesta v faurieae rose-pink 3-12cm 109  
2393 mollis dark rose-crimson 10-60cm 160  
2394 polyanthus mix 15-25cm 49  
2395 polyanthus Barnhaven mixed mix 15cm 50  
2396 polyneura red-purple 10-40cm 70 105  
2397 prenantha yellow 15cm 112  
2398 prolifera yellow to 100cm 35 118  
2399 pubescens "Biggie's Blue" (x) blue 23  
2400 pulverulenta reddish to 1m 173 183  
2401 pulverulenta Bartley hybrids pink 45-60cm 116  
2402 'Rowallane Rose' 22  
2403 rusbyi rose-magenta 10-20cm 250  
2404 saxatilis pinkish-purple 10-30cm 53  
2405 scotica pink 10cm 70  
2406 scotica ex Scotland 10cm 2  
2407 secundiflora rose red-purple 10-80cm 116  
2408 sieboldii mix 15-40cm >  
2409 sieboldii pink 15-40cm 181  
2410 sikkimensis yellow/cream 15-90cm 116 1  
2411 sp yellow 15cm 176  
2412 veris mix 6-20cm 49  
2413 veris red 6-20cm 191  
2414 veris yellow 6-20cm >  
2415 veris 'Cabrillo' light yellow 15-20cm 47  
2416 vialii rose-purple 20-45cm 31  
2417 villosa pink-lilac 2-15cm 98  
2418 vulgaris ex Scotland 2  
2419 wilsonii v anisodora crimson-purple 60cm 35  
2420 woronowii ex Tbilisi, Georgia yellow 10cm 11  
2421 yuparensis pink/lt purple 4-6cm 70  
2422 zambalensis lilac-pink to 30cm 70  
2423 **Psephellus caucasicus** bright pink 7-20cm 262  
2424 **Pseudofumaria (Corydalis) alba** white-cream/yellow tip to 40cm 136  
2425 **Pterocephalus depressus** pink 5-10cm 227 250  
2426 perennis pink-light rosy purple 12cm 47  
2427 pinardii pink 4cm 23 167  
2428 **Pteropyrum aucheri** white-pinkish red to 1.5m 66  
2429 **Ptilostemon afer** purple 1m 226  
2430 **Pulsatilla alba** white 15cm 26 22 39  
2431 albana blue 20cm 163  
2432 albana yellow to 30cm 157 231  
2433 albana 'Albocyanea' white-blue 111  
2434 albana 'Lutea' yellow 15-30cm 22 111 132  
2435 alpina white/bluish reverse 20-45cm 215  
2436 ambigua pink 40cm 22  
2437 ambigua violet 16-22cm 47 116  
2438 ambigua ex Russia white 40cm 22  
2439 aurea golden yellow 6-35cm 250  
2440 bungeana purple 10-20cm 6 226 22  
2441 bungeana white 10-20cm 191  
2442 campanella blue-violet 14-20cm 132 250  
2443 **Pulsatilla chinensis** violet 15-35cm 6 56 111  
2444 georgica white-lavender 15cm >  
2445 halleri lavender-violet 15-30cm 22 111 116  
2446 halleri white 15-30cm 22  
2447 halleri ssp slavica dark violet 15cm 157 267  
2448 halleri ssp slavica 'Alba' white 15cm 47 191  
2449 halleri ssp styriaca rose/violet 15cm 191  
2450 hybrid inc double/fringed petals mix 20cm 149  
2451 montana dark purple/violet 15-45cm 39 111  
2452 patens blue-violet 15cm 47  
2453 patens ssp patens ex Czech Rep lilac/purple 30cm 143  
2454 pratensis purple to 12cm 111  
2455 pratensis ssp nigricans black-violet 12cm 11 13  
2456 rubra dark red 25cm 39 116  
2457 turczaninovii blue-violet 5-35cm 107 141  
2458 ucrainica (nv) blue-violet 111  
2459 vernalis white/blue or pink reverse 5-15cm 95  
2460 vulgaris blue 15-30cm 39 178  
2461 vulgaris light blue 15-30cm 38  
2462 vulgaris mix 15-30cm >  
2463 vulgaris purple 15-30cm >  
2464 vulgaris red 15-30cm 181  
2465 vulgaris violet 15-30cm 39  
2466 vulgaris 'Alba' white 20cm >  
2467 vulgaris English Native Form purple 40cm 22  
2468 vulgaris 'Rode Klokke' red 25cm 22 69  
2469 vulgaris ssp grandis violet-purple 15cm 267  
2470 vulgaris ssp grandis white 40cm 22  
2471 vulgaris ssp grandis 'Budapest' light blue to 15cm 178  
2472 vulgaris ssp grandis 'Papageno' mix 30cm 38 106 186  
2473 vulgaris ssp grandis 'Papageno' red 20-30cm 89  
2474 vulgaris v rubra red 20-30cm 89 200  
2475 **Puschkinia scilloides** pale/ dark blue 5-20cm 38  
2476 scilloides v libanotica 'Alba' white 5-25cm 121  
2477 **Putoria calabrica** pink to 30cm 66 275  
2478 **Pyracantha koidzumii** 'Victory' white 2.5m 154  
2479 **Ramonda myconi** blue 6-12cm 186  
2480 myconi deep violet 6-12cm >  
2481 myconi lavender blue 6-12cm 32  
2482 myconi mix 6-12cm 22 217  
2483 myconi pink 6-12cm 22  
2484 myconi 'Rosea' pink 6-12cm 186  
2485 myconi v alba white 6-12cm 32 159  
2486 serbica lilac 8cm 267  
2487 **Ranunculus amplexicaulis** white to 30cm 22  
2488 cortusifolius golden yellow to 1.2m 18 37 77  
2489 gramineus yellow 30-45cm >  
2490 muelleri yellow 16cm 13  
2491 nivicola yellow 60-90cm 22  
2492 parnassiifolius white to 20cm 13 86 172  
2493 platanifolius white 50-120cm 71 168  
2494 repens yellow 15-60cm 11  
2495 seguieri white to 20cm 112  
2496 **Raoulia glabra** white 3cm 117  
2497 **Rhexia mariana** rose purple/white to 60cm 41  
2498 virginica pink 20-60cm 203 239 7  
2499 **Rhodanthemum (Leucanthemum) atlanticum** white flushed pink 7-10cm 217  
2500 atlanticum ex Jebel Toubkal Morocco white/pink 10cm 262 271  
2501 atlanticum ssp gelidum ex Jebel Toubkal Morocco white/pink 7cm 262  
2502 **Rhodiola integrifolia** ssp integrifolia dark red 3-15cm 64  
2503 rosea yellow 5-30cm 117  
2504 **Rhododendron** 'Blue Ensign' lavender blue-purple 120cm 263  
2505 camtschaticum pink-purple to 20cm 196  
2506 colemanii yellow 3-7m 130  
2507 'Gibraltar' x austrinum 'Don's Variegated' orange 1.5m 130  
2508 hanoense x 'Rosebud' pink 130  
2509 kaempferi 'Eastern Fire' x 'Elsie Lee' pink 130

## Garden Collected

## Rhododendron-Scabiosa

- 2510 **Rhododendron** kuisianum lilac pink/purple 45cm 275  
2511 lepidote sp ex Chinese expedition soft pink 263  
2512 lutescens pale yellow to 6m 35  
2513 'Showa-No-Homare' x 'Wakaebisu' wine 130  
2514 'Sommerville's Sunrise' yellow 130  
2515 'Tina's Whorled' purplish-rose 60-90cm 263  
2516 'Yoro' x 'Cinderella' white variegated 130  
2517 **Rhodotypos** scandens white 1-2m 87 260 274  
2518 **Ribes** sanguineum white to 4m 231  
2519 **Richea** continentis cream-white 50-100cm 30  
2520 **Rigidella** orthantha scarlet to 1m 24  
2521 **Rodgersia** aesculifolia white 60-200cm 7  
2522 aesculifolia v henrici hybrid pink-red 90-120cm 24  
2523 pinnata white-pink 25-150cm 7  
2524 **Romulea** flava yellow/white to 15cm 9  
2525 komsbergensis magenta 8-12cm 170  
2526 linaresii violet/purple 5-15cm 20  
2527 macowanii v alticola yellow 15cm 75  
2528 tortuosa yellow/brown 5-25cm 37  
2529 **Rosa** blanda white-pink 90-120cm 79  
2530 glauca deep pink 1.5-3m 275  
2531 moyesii pink-red 2-.53m 168  
2532 palustris pink to 2m 79  
2533 pendulina pink 60-120cm 79 198  
2534 roxburghii pink/rose-purple 1-2.5m 250  
2535 woodsii white flr/large red frt to 2m 29  
2536 **Roscoea** alpina purple-lilac 10-20cm 24  
2537 **Rosularia** rechingeri pale pink 5cm 271  
2538 rosulata white 4-8cm 84  
2539 sempervivum tight 250  
2540 **Rudbeckia** amplexicaulis yellow 45-60cm 222  
2541 fulgida v fulgida yellow-orange to 120cm 120  
2542 fulgida v sullivanii 'Goldsturm' yellow 60cm 224  
2543 laciniata yellow to 3m 222  
2544 **Ruellia** humilis violet-blue to 60cm 74  
2545 pedunculata purple 50cm 43  
2546 tweediana 'Katie' blue-purple 15-20cm 128  
2547 **Rumex** nepalensis v andreanus green 60-170cm 68  
2548 sanguineus purple/red to 1m 168 250  
2549 **Sabatia** dodecandra rose pink/yellow center to 60cm 7  
2550 stellaris pink 20-50cm 41  
2551 **Salvia** aethiopis white/gray felted lvs 30-90cm 54  
2552 argentea white to 1m 90  
2553 austriaca pale yellow 60cm 36 54 226  
2554 barrelieri white/violet 60-90cm 54  
2555 canariensis purple-violet to 2m 150 174  
2556 canariensis f albiflora white 1.5m 137  
2557 candelabrum purple 1m 36 231  
2558 candidissima creamy white 60-90cm 22  
2559 castanea maroon-purple to 1m 54  
2560 cyanescens blue 30cm 250  
2561 daghestanica blue 25-30cm 250  
2562 darcyi coral-red to 1m 250  
2563 dentata lavender-blue 1m 36  
2564 desoleana pale lavender/cream 60-90cm 36  
2565 dichroantha purple 55cm 54  
2566 dolichantha dark purple 35-80cm 36 231  
2567 dorrii blue/purple/rose 10-70cm 52 109  
2568 dorrii v dorrii blue/purple 10-70cm 100  
2569 dumetorum blue-purple to 90cm 230  
2570 forsskaolii violet blue 60cm >  
2571 greggii red-pink 30-130cm 177 193  
2572 greggii 'Furman's Red' red 45-60cm 250  
2573 greggii 'Wild Thing' coral pink 60-100cm 250  
2574 hians violet 60-90cm 54  
2575 hypargeia lavender-blue purple 25-40cm 262  
2576 indica lilac/purple 60-120cm 36  
2577 interrupta violet 60cm 36  
2578 jamensis 'Sierra San Antonio' (x) peach-rose/yellow to 1m 35  
2579 jurisicii violet 30cm 54 66 262  
2580 lycioides blue 30-50cm 250  
2581 **Salvia** moorcroftiana pale lilac-white 80cm 36  
2582 nemorosa violet/purple 1m 54  
2583 nemorosa 'Ostfriesland' violet-purple 30-45m 230  
2584 nemorosa ssp tesquicola violet/lilac 80cm 165  
2585 pachyphylla blue-violet/rose 20-80cm 100 109 250  
2586 patens 'Blue Angel' blue 60cm 113  
2587 phlomoides violet 45cm 262  
2588 pratensis blue to 1m 250  
2589 radula white/mauve-blue 30-75cm 36  
2590 recognita pink 60-90cm 250  
2591 reflexa (PI) blue-lilac to 75cm 250  
2592 regeliana mauve to 1m 36 54  
2593 roemeriana scarlet 20-25cm 249  
2594 runcinata pale blue 15cm 174  
2595 sagittata x macrophylla blue 90cm 257  
2596 sclarea lilac/mauve to 1.3m 24  
2597 sclarea mix to 1.3m 33  
2598 sclarea v turkestanica white/tinged pink 1-1.3m 250  
2599 sp ex Peter Korn IR-SJ4151 pale yellow 60-100cm 262  
2600 tomentosa violet-purple/white 60-90cm 36 54  
2601 transsylvanica violet 60cm 150  
2602 verticillata lavender to 1m 87  
2603 viscosa burgundy red 1m 36  
2604 **Sanguinaria** canadensis pink 15-20cm 49  
2605 **Sanguisorba** menziesii dark red to 90cm 226  
2606 minor green/purple to 60cm 151  
2607 tenuifolia v parviflora white 1m 168  
2608 **Santolina** rosmarinifolia yellow 35-60cm 87  
2609 **Saponaria** boissieri (x) pink 5-15cm 225  
2610 caespitosa purplish-pink 5-15cm 104  
2611 olivana (x) pink 3-8cm 57 275  
2612 pumilio pink-purple 8cm 99 104 193  
2613 sicula pink-red 5-50cm 4  
2614 **Sarcococca** hookeriana v humilis white to 1.8m 84  
2615 **Sarracenia** 'June Bug' reddish 35cm 253  
2616 **Saruma** henryi soft yellow 40-60cm 88 164  
2617 henryi (moist packed) soft yellow 40-60cm 275  
2618 **Satureja** spicigera white 5-10cm 31  
2619 **Saxifraga** bronchialis ex Gold Ridge Juneau AK light yellow 20cm 64  
2620 burnatii (x) white 20cm 275  
2621 caesia white 5-10cm 104  
2622 crustata ex Julian Alps white 10-15cm 98  
2623 cymbalaria bright yellow 10-25cm 45 212  
2624 federici-augusti ssp grisebachii purple 15-25cm 45  
2625 fritschiana (x) white 18-30cm 275  
2626 hostii white 60cm 126 172 207  
2627 longifolia white to 70cm 78  
2628 macnabiana (x) white to 45cm 275  
2629 media pink-red to 12cm 110  
2630 'Millstream' red to 20cm 126  
2631 paniculata 'Correvoniana' white to 30cm 47 161  
2632 paniculata ex Austria 161  
2633 paniculata 'Hirtifolia' white 20cm 28  
2634 paniculata 'Minutifolia' white 5cm 45  
2635 paniculata 'Minutifolia' red-backed form white 10cm 132  
2636 paniculata 'Silver Hill' white 47  
2637 paniculata 'Sturmiana' white 15cm 47  
2638 pedemontana ssp cervicornis white to 15cm 47  
2639 scardica white 12cm 110  
2640 sempervivum dark red-purple to 20cm 117  
2641 'Southside Seedling' white 30-60cm 101  
2642 sp 1cm 126  
2643 zimmereri (X) white 10cm 47  
2644 **Scabiosa** caucasica pale blue to 60cm 210  
2645 cinerea dwarf form blue-lilac 190  
2646 columbaria blue 30-60cm 88  
2647 columbaria pink-purple to 20cm 65  
2648 columbaria alpina mix 15cm 15  
2649 crenata lilac 10-25cm 184  
2650 farinosa lavender 45-60cm 174

## **Scabiosa-Succisa**

- 2651 **Scabiosa** graminifolia lilac 20-30cm 22 87  
2652 japonica 'Ritz Blue' blue 20cm 39 48  
2653 lucida rose-lilac to 30cm 38 48 164  
2654 **Schisandra** chinensis pale rose-bright pink to 8m 274  
2655 **Schivereckia** podolica white to 25cm 276  
2656 **Schizostylis** coccinea red/pink/white 60-90cm 231  
2657 **Scilla** autumnalis lilac-pink 15cm 198 229 242  
2658 bifolia blue to 15cm 34  
2659 hyacinthoides blue-purple 50-80cm 195  
2660 lilio-hyacinthus blue 10-20cm 198  
2661 litardierei blue-violet 5-15cm 72  
2662 peruviana violet-blue 15-25cm 14 139 188  
2663 scilloides pink to 20cm 199 242  
2664 siberica blue 10-20cm 96  
2665 verna violet/lilac/white 5-20cm 132  
2666 **Scleranthus** uniflorus greenish-white 2-5cm 31  
2667 **Scrophularia** chrysantha yellow 60cm 250  
2668 **Scutellaria** alpina purple-white to 25cm >  
2669 alpina white to 25cm 48  
2670 altissima purple-white 50-100cm 6  
2671 baicalensis blue-purple to 30cm 20 100 197  
2672 columnae white-purple to 1m 145  
2673 diffusa blue to 15cm 231  
2674 incana blue 60-90cm 239  
2675 indica v parvifolia 'Alba' white 8-16cm 161  
2676 orientalis ssp alpina yellow 5-10cm 132  
2677 orientalis ssp pinnatifida yellow to 15cm 243  
2678 ovata violet-blue to 60cm 239  
2679 pontica purple-magenta to 15cm 250  
2680 resinosa deep violet-blue 20cm 109  
2681 sapphirina blue 5cm 51  
2682 sp white to 40cm 54 183  
2683 suffrutescens 'Texas Rose' dark pink 10-15cm 174  
2684 **Sedum** aizoon v floribundum yellow 10-20cm 68  
2685 glaucophyllum white 10cm 207  
2686 kamtschaticum yellow 12cm 65  
2687 obtusifolium red-pink 10-40cm 166  
2688 pilosum bright pink to 10cm >  
2689 sempervivoides bright red to 20cm 99 109  
2690 sieboldii pink 10cm 250  
2691 spurium 'Schorbuser Blut' dark red to 15cm 126  
2692 **Sempervivum** arachnoideum bright rose-red 12cm 250  
2693 ciliosum v borisii yellow 10cm 250  
2694 octopodes yellow to 9cm 250  
2695 **Senecio** polyodon pink-purple 30-60cm 132  
2696 **Senna** artemisioides yellow 1-3m 77  
2697 hebecarpa yellow 1-2m 206  
2698 **Sericocarpus (Aster)** asteroides white 14-65cm 47 50  
2699 **Serratula** seoanei pinkish-purple 25-30cm 38  
2700 **Seseli** gummiferum white w/silver lvs 1m 250  
2701 libanotis white/pink to 120cm 250  
2702 petraeum white 60cm 29  
2703 **Shortia** uniflora pink 6-13cm 5  
2704 **Sibbaldia** procumbens yellow 4-30cm 228  
2705 **Sidalcea** campestris pale pink 1.8m 214  
2706 **Sideritis** macrostachys white to 1m 54  
2707 **Silene** acaulis pink 3-6cm 66  
2708 acaulis 'Floribunda' pink 2.5cm 66  
2709 ajanensis pink 5-15cm 132  
2710 alpestris white 12-20cm 97  
2711 aomorensis white 10-25cm 226  
2712 armeria magenta 20-40cm 189  
2713 atropurpurea deep pink-purple 40-60cm 226  
2714 caroliniana bright pink 8-20cm 200  
2715 dinarica creamy white 10cm 131  
2716 dinarica rich pink 5-10cm 47  
2717 dioica bright pink 30-60cm 10  
2718 dioica ex Scotland to 90cm 2  
2719 elisabethae reddish purple to 25cm 60 66 144  
2720 falcata white 10cm 99  
2721 hookeri ssp hookeri pink/white 5-14cm 31 66  
2722 **Silene** keiskei pink 20cm 91  
2723 mexicana magenta 15-45cm 235  
2724 pusilla white 15cm >  
2725 regia red 50-160cm 16 249  
2726 saxifraga mix 10-20cm 132  
2727 schafta rose-pink to 15cm >  
2728 sp narrow leaves white 10cm 131  
2729 suksdorfii white 15cm 28 274  
2730 uniflora white to 15cm 148  
2731 uniflora 'Compacta' white to 15cm 216 242  
2732 uniflora ex Iceland white 10cm 131  
2733 zawadskii white 20-30cm 132 164  
2734 **Silphium** integrifolium yellow 40-200cm 250  
2735 perfoliatum yellow 75-300cm 120  
2736 **Sinningia** tubiflora white to 60cm 62  
2737 **Sinocalycanthus** chinensis white 3m 108  
2738 **Sinojackia** rehderiana white to 5m 154  
2739 xylocarpa white to 6m 7  
2740 **Sisyrinchium** angustifolium blue to 45cm >  
2741 californicum yellow to 62cm 176 200  
2742 'E.K. Balls' mauve 15-25cm 245  
2743 idahoense purple-blue 20-40cm 22  
2744 macrocarpon yellow 15cm >  
2745 montanum rich blue-purple 30-60cm 132 181  
2746 montanum v montanum blue-violet 50cm 100  
2747 'Pole Star' white 25cm 275  
2748 striatum cream-yellow to 60cm 131  
(Smilacina-see Maianthemum)  
2749 **Smyrniium** perfoliatum yellow 40-150cm 23 234  
2750 **Solanum** melongena v ovigerum purple flr/white-yellow  
frt 30-90cm 205  
2751 **Soldanella** montana blue-lilac to 15cm 157 179  
(Solidago-see also Oligoneuron)  
2752 **Solidago** cutleri yellow 10-35cm 38  
2753 multiradiata ex Pike's Peak yellow 20cm 88  
2754 nana yellow 10-50cm 238  
2755 nemoralis yellow to 1m 74  
2756 virgaurea ssp alpestris v minutissima yellow 5cm 84  
2757 **Sparaxis** grandiflora ssp acutiloba yellow 10-25cm 170  
2758 sp mix 278  
2759 **Spartium** junceum pale yellow to 3m 229  
2760 **Sphaeralcea** hastulata orange 30-54cm 14  
2761 sp pink 250  
2762 **Spigelia** marilandica red/yellow 30-60cm 83 12 246  
2763 **Spiranthes** odorata white 10-100cm 184  
2764 **Stachys** citrina yellow to 35cm 174  
2765 coccinea scarlet to 50cm 100  
2766 lavandulifolia mauve-purple 10-30cm 6  
2767 macrantha purple-pink to 60cm >  
2768 macrantha ex Caucasus Russia rose 30cm 252  
2769 monieri light pink 15-35cm 218  
2770 monieri purple-pink 15-35cm 48 66 243  
2771 officinalis dwarf lavender 15cm 235 12  
2772 officinalis 'Hummelo' rose-lavender 45-60cm 235  
2773 recta white 20-60cm 54  
2774 **Stenanthium** gramineum white-greenish yellow 50-  
200cm 153  
2775 **Stewartia** malacodendron white 3-6m 246  
2776 pseudocamellia white 4-20m 140 202  
2777 rostrata white to 10m 246  
2778 **Stipa** tenuissima white to 70cm 240  
2779 **Stokesia** laevis blue 20-50cm 12 255  
2780 laevis purple 20-50cm 258  
2781 **Streptanthus** farnsworthianus white 20-100cm 236  
2782 **Styloidium** graminifolium magenta-pink 15-30cm 35  
2783 **Stylophorum** diphyllum yellow 50cm 12 63 249  
2784 mix of diphyllum & lasiocarpum 70-80cm 168  
2785 **Styrax** americanus white to 3m 274  
2786 japonicus white to 4-8m 7  
2787 **Succisa** pratensis mix 15-100cm 31  
2788 pratensis 'Nana' mauve to 25cm 167

## **Garden Collected**



## Succisella-Tulipa

- 2789 **Succisella** inflexa blue 80-100cm 172  
2790 **Swertia** perennis violet blue 10-50cm 97  
(Symphyandra-see Campanula)  
2791 **Symphyotrichum (Aster)** oblongifolium 'October Skies' deep sky blue 45cm 230  
2792 prenanthoides blue-mauve 60-90cm 158  
2793 tradescantii pale yellow-purplish 5-70cm 224  
2794 **Symplocos** paniculata white flr/blue frt 1-10m 125  
2795 **Syneilesis** aconitifolia whitish 1m 275  
2796 **Synthyris** platycarpa blue to 25cm 40  
2797 **Syringa** reticulata cream to 10m 168  
2798 **Syringodea** sp 278  
(Talinum-see Phemeranthus)  
2799 **Tanacetum** corymbosum ssp clusii white 1m 168  
2800 densum ssp amani yellow 25cm 87  
2801 niveum white 45-60cm 100 101 102  
2802 praeteritum white flr/silver lvs to 30cm 250  
2803 **Taraxacum** albidum white 30cm 212  
2804 faeroense yellow flr/black lvs 15cm 212  
2805 pamiricum white 10-15cm 80  
2806 **Tecophilaea** cyanocrocus deep blue 5-10cm 178  
2807 cyanocrocus 'Leichtlinii' blue/white 5-10cm 178 278  
2808 cyanocrocus 'Violacea' deep purple 5-10cm 178  
2809 **Telekia** speciosa yellow to 2m 89  
2810 **Telesonix** jamesii crimson-purple 6-18cm 250  
2811 **Tellima** grandiflora white tinged green/pink 50-80cm >  
2812 **Telopea** truncata ex Tasmania to 3.5m 2  
2813 **Tetradium** daniellii white to 20m 29  
2814 **Tetraneuris** acaulis yellow 2-30cm 80  
2815 acaulis v acaulis yellow 2-30cm 47  
2816 brandegeei yellow 8-24cm 113  
2817 herbacea yellow 6-35cm 275  
2818 ivesiana yellow 10-26cm 109  
2819 scaposa yellow 14-40cm 250  
2820 **Teucrium** chamaedrys 'Prostratum' purple-pink 20cm 148  
2821 flavum yellow to 50cm 87  
2822 halacysanum violet 15cm 240  
2823 hircanicum red-purple 45-70cm 87 174  
2824 lucidum rose-purple 40cm 87  
2825 massiliense pink-purple to 1m 87  
2826 orientale violet-blue to 50cm 66 100 144  
2827 **Thalictrum** alpinum white 30cm 78  
2828 aquilegifolium pink-mauve to 1.5m 87  
2829 baicalense greenish white 40-80cm 275  
2830 dasycarpum white 40-150cm 10  
2831 delavayi purplish 60-200cm 201  
2832 dioicum greenish-yellow 30-80cm 10  
2833 flavum pale yellow 1m 10 20  
2834 flavum ssp glaucum yellow to 1.5m 87 116 137  
2835 hernandezii green 200cm 10  
2836 lucidum yellow-green to 1m 171  
2837 minus 'Adiantifolium' creamy yellow 30-90cm 172  
2838 pubescens white-purplish 20-300cm 119  
2839 rochebruneum lavender to 1m 119 4  
2840 rochebruneum 'Lavender Mist' lavender to 1.8m 275  
2841 tuberosum cream to 40cm 227  
2842 **Thermopsis** lupinoides yellow to 30cm 20 68  
2843 villosa yellow 90-150cm >  
2844 **Thlaspi** stylosum pale purple 3-6cm 217  
2845 **Thymus** leucotrichus ssp neicefii pink-purple to 10cm 250  
2846 **Tiarella** cordifolia white 10-35cm 184  
2847 cordifolia 'Running Tapestry' white 30cm 275  
2848 trifoliata v unifoliata white 15-40cm 164  
2849 wherryi white 15-30cm 95  
2850 **Tigridia** pavonia mix 25-50cm 14 22  
2851 pavonia red/yellow 60cm 35  
2852 **Tofieldia** calyculata yellowish to 30cm 225  
2853 **Tonestus** lyallii yellow 4-8.5cm 132  
2854 **Townsendia** exscapa mauve 20cm 78  
2855 exscapa white 1-3cm 80 217  
2856 florifer white/pinkish 3-15cm 80 98 101  
2857 **Townsendia** hookeri white 1-3cm 217 80  
2858 incana white 2-12cm 202  
2859 incana white-pinkish 2-12cm 22 60 80  
2860 leptotes white-pinkish 1-3cm 132 217  
2861 mensana white 1-3cm 116 279  
2862 montana mix 2cm 80  
2863 parryi blue/purple 5-12cm 80 132 215  
2864 rothrockii blue-purple 1-3cm 52 80 217  
2865 scapigera white-pink/violet 2-8cm 80 279  
2866 spathulata pink/white 1-2cm 80 82 217  
2867 **Trachelium** jacquini ssp rumelianum bluish lilac 30cm 31  
2868 **Trautvetteria** caroliniensis white 50-150cm 153  
2869 **Trichostema** dichotomum blue 15-70cm 264  
2870 **Tricyrtis** flava yellow 30-50cm 156  
2871 hirta white/purple spots to 80cm 31  
2872 hirta 'Shirohotogisu' white/lavender stamens 60cm 275  
2873 latifolia yellow/reddish spots 40-100cm 136  
2874 macropoda white/purple spots to 90cm 208 275  
2875 puberula yellow/russet to 90cm 136 230 275  
2876 'Taipei Silk' lavender/white 45-60cm 136  
2877 **Trifolium** rubens red 60cm 132 133  
2878 trichocephalum cream 30-70cm 226  
2879 **Trillium** angustipetalum maroon 25-60cm 135  
2880 chloropetalum brighter red than "normal" 267  
2881 chloropetalum creamy yellow 20-65cm 18  
2882 chloropetalum dark red 20-65cm 18  
2883 chloropetalum white 20-65cm 215  
2884 chloropetalum v giganteum white/maroon 65cm 267  
2885 cuneatum maroon to 45cm 233  
2886 erectum pink 40cm 18  
2887 erectum red 15-60cm 121 135 147  
2888 erectum (moist packed) red 15-60cm 275  
2889 flexipes f walpolei (cf) (moist packed) maroon flr/white ovary 20-50cm 275  
2890 flexipes hybrid (moist packed) reddish-brown over cream 45cm 275  
2891 grandiflorum white 15-30cm 135  
2892 kurabayashii red-purple 25-55cm 121 139  
2893 kurabayashii (moist packed) red-purple 25-55cm 40  
2894 luteum greenish yellow 15-40cm 95  
2895 nivale white 5-8cm 277  
2896 ovatum white 13-70cm 176 201 237  
2897 recurvatum (moist packed) maroon to 48cm 275  
2898 rugelii red 135  
2899 sessile (moist packed) maroon purple 8-25cm 275  
2900 sulcatum maroon 30-70cm 135  
2901 **Triosteum** pinnatifidum white fruit 40cm 171  
2902 **Triteleia** bridgesii lilac/blue-purple 10-50cm 9  
2903 hyacinthina white 30-60cm 17  
2904 ixioides yellow 40cm 14  
2905 ixioides ssp scabra pale yellow 20-50cm 9  
2906 laxa blue 10-70cm 17  
2907 **Tritonia** deusta orange 15-25cm 41  
2908 **Trollius** chinensis golden-yellow to 1m 20 206  
2909 europaeus yellow 40-60cm 22 104 117  
2910 farreri yellow 5-19cm 22  
2911 hondoensis golden yellow 30-60cm 22  
2912 ircuticus orange 70cm 119  
2913 laxis yellow 5-50cm 22  
2914 pumilus yellow 30cm 47 163 167  
2915 ranunculinus golden yellow 20-50cm 157  
2916 **Tropaeolum** brachyceras yellow 2m 195  
2917 tricolor red/blue-black/yellow to 2m 195  
2918 **Tulipa** biflora white/yellow center 10cm 110  
2919 clusiana red-pink/white 30cm 106 275  
2920 clusiana 'Lady Jane' rose/white to 25cm 76  
2921 cretica white/pink flush to 20cm 112  
2922 humilis pink/yellow center to 20cm 250  
2923 linifolia red 10-20cm 148  
2924 sprengeri red 30-45cm >  
2925 tarda yellow/white tips 5-20cm >

## **Tulipa-Zizia**

- 2926 **Tulipa** turkestanica white/yellow center to 30cm 6 17 215  
2927 urumiensis yellow/olive green 10cm 202  
2928 vvedenskyi scarlet 20-40cm 17 52  
2929 vvedenskyi 'Tangerine Beauty' orange 20cm 275  
2930 **Tweedia** caerulea light blue/lavender to 90cm 259  
2931 **Uncinia** rubra dark red lvs 15-35cm 116  
2932 **Uvularia** grandiflora yellow 20-75cm 29  
2933 **Veltheimia** bracteata mix 20-40cm 278  
2934 bracteata pink 20-40cm 278  
2935 bracteata rose 20-40cm 278  
2936 capensis deep pink 20-40cm 211 278  
2937 **Veratrum** nigrum black-purple 60-120cm 158 7  
2938 **Verbascum** bombyciferum yellow 1.8m 250  
2939 chaixii 'Album' white 1m 94  
2940 roripifolium yellow 1.2m 250  
2941 'Southern Charm' yellow/peach/lavender 60-90cm 152  
2942 undulatum yellow flr/wavy lvs to 90cm 236  
2943 wiedemannianum purple-violet 35-125cm 190 238 271  
2944 **Verbena** bonariensis lavender-blue to 2m 102 224  
2945 bracteata purple-lavender to 30cm 48  
2946 urticifolia white to 25cm 20  
2947 **Verbesina** alternifolia yellow 1-2m 224  
2948 **Vernonia** chinensis purple to 120cm 275  
2949 **Veronica** aphylla dark blue 1-4cm 47  
2950 bachofenii blue 20-30cm 158  
2951 fruticans deep blue 5-15cm 70  
2952 gentianoides blue 30-40cm 132 183 184  
2953 'Goodness Grows' violet-blue 30-45cm 12  
2954 longifolia lavender 30cm 222  
2955 oltensis blue 2cm 217  
2956 onoei pale blue 10cm 20  
2957 prostrata blue 10-20cm 26 184  
2958 saturejoides blue w/red eye 10-30cm 109  
2959 spicata blue to 60cm 274  
2960 spicata ssp incana blue 30-40cm 166 230  
2961 **Veronicastrum** sibiricum blue 150cm 158  
2962 virginicum white 60-180cm 140 274  
2963 virginicum 'Temptation' purple 120-175cm 224  
2964 **Vestia** foetida yellow-green to 3m 23  
2965 **Viburnum** acerifolium white to 1.8m 29  
2966 burkwoodii 'American Spice' (x) white fragrant flr/late fall leaf color 1.2m 265  
2967 **Viola** canina ex Sweden white 10-30cm 69  
2968 chaerophylloides white/purplish 4-20cm 59  
2969 cornuta violet blue 20cm 22 40  
2970 diffusa pale purple 3-10cm 59  
2971 dubyana violet 10-20cm 163  
2972 **Viola** elatior pale blue/mauve to 50cm 55 172  
2973 hederacea violet/white 5cm 69  
2974 lanceolata white 15-23cm 212  
2975 mandshurica dark purple/white to 20cm 191  
2976 odorata 'Alba' white 15cm 79  
2977 pedata lilac/violet 8-15cm 63 166  
2978 pubescens yellow 20-40cm 212  
2979 reichenbachiana lilac/purple 6cm 212  
2980 riviniana Purpurea Group purple 10-12 cm 12 204  
2981 sacchalinesis bluish purple 5-20cm 209  
2982 sp pale pink 20-30cm 12  
2983 sp white 90  
2984 'Sylvia Hart' pink flr/variegated lvs 8cm 212  
2985 tricolor mix to 30cm 254  
2986 **Wahlenbergia** albomarginata white/pale lavender 5-20cm 227  
2987 communis blue 5-75cm 3  
2988 **Watsonia** meriania (PI) orange 100cm 28  
2989 sp coral/orange 137  
2990 **Wulfenia** baldaccii blue 15-30cm 225  
2991 carinthiaca deep violet-blue 15-30cm 193  
2992 carinthiaca 'Alba' white 15-30cm 225  
2993 **Xanthisma (Aster)** coloradoense mix 2.5-14cm 250  
2994 coloradoense pink-purple 2.5-14cm >  
2995 **Xeranthemum** annuum mix 25-75cm 37  
2996 **Xerochrysum** subundulatum yellow 60cm 24  
2997 **Yucca** glauca cream to 1m 268  
2998 **Zephyranthes** drummondii white 12-40cm 41  
2999 'Labuffarosa' x 'Big Dude' 41  
3000 lindleyana pale pink/yellow 5-15cm 41  
3001 primulina yellow 15cm 41  
3002 reginae yellow 15-30cm 41  
3003 rosea rose 15cm 13  
3004 **Zigadenus** nuttallii whitish yellow 40-70cm 38  
3005 **Zinnia** angustifolia yellow to 40cm 81  
3006 grandiflora yellow 8-22cm 52  
3007 **Zizia** aptera yellow 30-90cm 127 164 250  
3008 aurea yellow to 75cm 223 235

### **GARDEN ADDENDUM LIST:**

- 3009 **Erigeron** vagus white-pink 2-4cm 279  
3010 **Ilex** intermedia yellowish 5-10m 154  
3011 **Lesquerella** hemiphysaria yellowish 279  
3012 **Linum** perenne 'Deep Creek Blue' ex Juab Co UT larger more intense blue/occasional white 279  
3013 **Penstemon** crandallii blue 20cm 279  
3014 laricifolius ssp laricifolius (hp) 279

### **METRIC MEASUREMENTS:**

All plant heights and location elevations are listed in metric units.

#### **Quick Metric to English Conversions:**

cm = centimeter to in. = inches

2.5cm ~ 1 in.

10 cm ~ 4 in.

15cm ~ 6 in.

25cm ~ 10 in.

30 cm ~ 12 in. = 1 ft.

100 cm = 1 m ~ 40 in. = 3ft. 4 in.

m = meter to ft. = feet

305m ~ 1000ft

1000 m ~ 3300 ft.

1500 m ~ 5000 ft.

2500 m ~ 8200 ft.

4000 m ~ 13,100 ft.

(Note: ~ means approximately equal to)

## **Garden Collected**

**Wild Collected Seed List:**

[Seeds from donor#261 are from a seed expedition to Kazakhstan by Panayoti Kelaidis & Mike Bone =(PKMB).

Sponsored by Plant Select & Denver Botanic Gardens.]

- 4001 **Abies** lasiocarpa  
 4002 lasiocarpa  
 4003 **Achnatherum** calamagrostis blond to 75cm  
 4004 hymenoides cream 18-30cm  
 4005 **Aconitum** leucostomum PKMB322  
 4006 napellus deep violet-blue 1m  
 4007 sp PKMB289  
 4008 **Actaea** japonica white 70-80cm  
 4009 pachypoda  
 4010 pachypoda white 60cm  
 4011 pachypoda white flr/white frt 40cm  
 4012 rubra white flr/red frt 40cm  
 4013 simplex white 100-120cm  
 4014 sp.  
 4015 sp.  
 4016 sp.  
 4017 **Adenophora** nikoensis blue 10-15cm  
 4018 stenanthina  
 4019 triphylla v japonica pale blue 50-80cm  
 4020 **Adonis** amurensis  
 4021 **Ageratina** occidentalis  
 4023 **Agoseris** retrorsa yellow 40cm  
 4022 retrorsa yellow 40cm  
 4024 **Ajania** tenuifolia yellow 15cm  
 4025 **Alcea** nudiflora PKMB59  
 4026 **Allium** acuminatum  
 4027 carolinianum PKMB267  
 4028 carolinianum PKMB462  
 4029 karataviense PKMB344  
 4030 schoenoprasum v sibiricum pink 30cm  
 4031 siskiyouense  
 4032 suworowii  
 4033 tolmiei  
 4034 tricoccum white 30cm  
 4035 tricoccum white 20-30cm  
 4036 **Alyssum** daghestanicum yellow 5-10cm  
 4037 **Anaphalis** margaritacea white 40cm  
 4038 **Androsace** adenocephala rose 5cm  
 4039 ciliata 5cm  
 4040 graminifolia pink 5cm  
 4041 laggeri 5cm  
 4042 sericea PKMB463  
 4043 villosa 5cm  
 4044 **Anemone** berlandieri  
 4045 multifida  
 4046 multifida pink 32cm  
 4047 narcissiflora  
 4048 narcissiflora ssp protracta PKMB291  
 4049 occidentalis white 30cm  
 4050 parviflora white 10cm  
 4051 **Anemonopsis** macrophylla pale purple 40-50cm  
 4052 **Angelica** archangelica ssp litoralis green 100cm  
 4053 **Antennaria** media white 12cm  
 4054 media (aff) white 12cm  
 4055 plantaginifolia white 4cm  
 4056 sp pink/white 30cm  
 4057 sp white 30cm  
 4058 **Anthyllis** vulneraria yellow 12cm  
 4059 **Apocynum** androsaemifolium  
 4060 **Aquilegia** atrovinosa PKMB514  
 4061 brevistyla blue/white 60cm  
 4062 buergeriana cream 40-50cm  
 4063 canadensis red 100cm  
 4064 formosa red/yellow 60cm  
 4065 formosa red/yellow 91cm  
 4066 glandulosa PKMB111
- Oregon: North Sister / 1920m 214  
 Oregon: Koosah Mtn / 1860m 214  
 Italy: Stelvio Pass above Bormio / 1400m 262  
 Nevada: Washoe Co / 1219m 100  
 Kazakhstan: Tian Shan montane (Eastern) 261  
 France: Jura 74  
 Kazakhstan: Tian Shan, Big Almaty Lake 261  
 Japan: Yamanashi Pref / 600m 185  
 New York: Erie Co 219  
 Vermont: Washington Co 183  
 Maine: Jackson 192  
 Maine: Jackson 192  
 Japan: Yamanashi Pref / 600m 185  
 Idaho: Lemhi Mtns 193  
 New Mexico: Rio Arriba Co 193  
 Oregon: Wallowa Mtns 193  
 Japan: Mt Fuji / 2000m 185  
 Russia: Primorsky, Pokrovka 5  
 Japan: Yamanashi Pref / 1500m 185  
 Japan: Kanuma 156  
 Oregon: Western Cascades 180  
 California: Shasta Co / 152m 214  
 California: Hat Creek Rim / 1463m 214  
 China: Mila, Tibet 252  
 Kazakhstan: Altai, nr Marble Pass 261  
 Washington: N of Ellensburg 115  
 Kazakhstan: Tian Shan, Big Almaty Lake 261  
 Kazakhstan: Tian Shan, nr Djabagly 261  
 Kazakhstan: Tian Shan, Marchat canyon 261  
 Norway: Troms 163  
 Oregon: Cascades 180  
 Tajikistan: Hissar Mtns, Chulbair, Sina 11  
 Oregon: between John Day & Pendleton 115  
 Indiana: Lawrence Co 16  
 Pennsylvania: Allegheny Co / 274m 248  
 Russia: Mt Gunib, Daghestan 11  
 Oregon: Santiam Pass / 1463m 214  
 China: Serkym La, Tibet 252  
 Spain: Pyrenees 61  
 China: Mila, Tibet 252  
 Spain: Pyrenees 61  
 Kazakhstan: Tian Shan, nr Djabagly 261  
 Spain: Pyrenees 61  
 Texas Hill Country 115  
 Oregon: Wallowa Mtns 193  
 Canada: SW of Hay River NWT 269  
 Russia: Mt Gunib, Daghestan 11  
 Kazakhstan: Tian Shan, Observatory meadow 261  
 Oregon: Middle Sister / 2012m 214  
 Canada: Tablelands NL 88  
 Japan: Yamanashi Pref / 600m 185  
 Sweden 226  
 Oregon: Linton Meadow / 1798m 214  
 Oregon: Three Sisters Wilderness / 1920m 214  
 New Jersey: Morris Co 213  
 New Jersey: Morris Co 213  
 California: Hat Creek Rim / 1265m 214  
 Italy: North Dolomites 225  
 Michigan: Washtenaw Co 275  
 Kazakhstan: Tian Shan, nr Djabagly 261  
 Canada: SW of Hay River NWT 269  
 Japan: Yamanashi Pref / 1500m 185  
 Indiana: Orange Co 16  
 Oregon: Fuller Creek Watershed Benton Co 8  
 Washington: Summit Lake 237  
 Kazakhstan: Altai, Mt summit above Markakol 261

## **Aquilegia-Castilleja**

- 4067 **Aquilegia** jonesii  
4068 **Arabis** serrata white 5-10cm  
4069 sp 50cm  
4070 sp 12cm  
4071 **Aralia** spinosa beige 4m  
4072 **Arbutus** menziesii  
4073 **Arctostaphylos** manzanita pink  
4074 uva-ursi  
(Arenaria-see also Eremogone)  
4075 **Arenaria** pumicola  
4076 purpurascens 10cm  
4077 sp  
4078 **Argemone** munita white 45-60cm  
4079 **Arisaema** thunbergii ssp urashima  
4081 triphyllum  
4080 triphyllum  
4082 **Aristolochia** macrophylla brown 4m  
4083 **Armeria** maritima ssp sibirica pink 15cm  
4084 **Arnica** sachalinensis  
4085 **Artemisia** pedunculosa green-yellow 10-15cm  
4086 **Asclepias** incarnata lavender 91cm  
4087 syriaca pink 1m  
4088 tuberosa  
(Aster-see also Eucephalus, Eurybia, Ionactis, Oreostemma)  
4089 **Aster** ageratoides  
4090 alpinus PKMB2  
4091 glehnii  
4092 sp 10cm  
4093 **Astilbe** biternata white 25cm?  
4094 microphylla pink 40-50cm  
4095 **Astragalus** adsurgens pink 5cm  
4096 alexandri  
4097 purshii v lectulus pink-violet 5cm  
4098 whitneyi whitepurple 5cm  
4099 **Astrantia** major ssp involucrata FK 0976  
4100 **Balsamorhiza** deltoidea (aff) yellow 40cm  
4101 **Bellendena** montana pink/white 10-60cm  
4102 **Bergenia** crassifolia PKMB156  
4103 **Blandfordia** punicea red/yellow 60cm  
4104 **Bolandra** oregana  
4105 **Briza** maxima 35cm  
4106 **Brodiaea** elegans violet to 30cm  
4107 **Bukiniczia** cabulica  
4108 **Calandrinia** affinis  
4109 graminifolia  
4110 **Callianthemum** coriandrifolium white 15cm  
4111 coriandrifolium white 12-15cm  
4112 **Calocephalus** lacteus white 10-30cm  
4113 **Calochortus** amabilis yellow 15cm  
4114 bruneauis white 10-23cm  
4115 lyallii  
4116 macrocarpus  
4117 venustus (aff) white 30cm  
4118 vestae white 15cm  
4119 **Caltha** leptosepala white 20cm  
4121 **Camassia** quamash blue 30cm  
4120 quamash blue 60cm  
4122 **Campanula** glomerata blue-violet 50cm  
4123 glomerata ssp glomerata  
4124 lasiocarpa  
4125 morettiana blue 5cm  
4126 punctata pink-purple 5-10cm  
4127 zoyisii blue 5cm  
4128 **Cardiocrinum** cordatum cream 1-1.5m  
4129 **Carex** crinita green 60cm  
4130 **Castilleja** applegatei bright red 30-45cm  
4131 arachnoidea yellow 12cm  
4132 linariifolia  
4133 miniata red 30cm  
4134 pruinosa

## **Wild Collected**

- Wyoming: Big Horn Mtns 193  
Japan: Mt Fuji / 2000m 185  
California: Hat Creek Rim / 1402m 214  
Oregon: North Sister / 2012m 214  
Indiana: Orange Co 16  
California: Hume Creek 137  
California: Shasta Co / 152m 214  
Massachusetts: Truro, Cape Cod 233  
  
Oregon: Western Cascades 180  
Spain: Pyrenees 61  
New Mexico: Rio Arriba Co 193  
Nevada: Peavine Mt, Washoe Co / 1676m 100  
Japan: Kanuma 156  
New York: Erie Co 219  
Connecticut: Southeast 124  
North Carolina: Mt Pisgah, Buncombe Co 44  
Canada: Tablelands NL 88  
Russia: Sakhalin 11  
Japan: Mt Fuji / 2000m 185  
North Carolina: Watauga Co 270  
North Carolina: Cabarrus Co 44  
Michigan: Northern 155  
  
Russia: Primorsky Krai 11  
Kazakhstan: Altai KalbinskyHills nr UstKamenogorst 261  
Russia: Kedrovaja Padj, near Vladivostok 11  
China: Waha Mt Yunnan 110  
North Carolina: Watauga Co 140  
Japan: Yamanashi Pref / 1500m 185  
Japan: Mt Fuji / 2000m 185  
Russia: Mt Gunib, Daghestan 11  
Nevada: Carson Range Washoe Co / 1800m 100  
California: Hat Creek Rim / 1524m 214  
Slovenia: Loibl Pass 277  
California: Hat Creek Rim / 1402m 214  
Australia: Tasmania 266  
Kazakhstan: Altai, Burkhat Pass 261  
Australia: Tasmania 266  
Oregon: Columbia River Gorge 180  
California: Shasta Co / 152m 214  
California: Tuolumne Co 151  
Pakistan: Batura Glacier 5  
Argentina: Paso Pino Hachado / 1600m 5  
Argentina: Copahue / 2000m 5  
Italy: Brenta 104  
Italy: North Dolomites 225  
Australia: Tasmania 266  
California: Ukiah 93  
Nevada: Peavine Mt, Washoe Co / 1676m 100  
Washington: N Cascades Hwy 115  
Oregon: between John Day & Pendleton 115  
California: Shasta Co / 152m 214  
California: Ukiah 93  
Oregon: Linton Meadow / 1798m 214  
Washington: Lacey 237  
Oregon: Lane Co 122  
Czech Republic: Moravia 158  
Russia: Primorsky Krai 11  
Alaska: Healy / 610m 276  
Italy: Dolomites 104  
Japan: Mt Fuji / 2000m 185  
Slovenia: Julian Alps 252  
Japan: Nagano Pref / 1000m 185  
New Jersey: Somerset Co 213  
Nevada: Peavine Mt, Washoe Co / 2438m 100  
Oregon: Wickiup Plain / 1860m 214  
Wyoming: Battle Pass, Carbon Co 262  
Washington: W Cascades 232  
Oregon: Western Cascades 180

## Castilleja-Dracocephalum

- 4135 **Castilleja** rupicola  
4137 sp orange  
4136 sp orange  
4138 **Caulophyllum** thalictroides white flr/blue frt 60cm  
4139 **Ceanothus** americanus  
4140 **Celmisia** gracilentia  
4141 spectabilis  
4142 **Centaurea** scabiosa f albiflora white 40-100cm  
4143 **Cephalanthus** occidentalis white 180cm  
4144 **Cerastium** alpinum white 5cm  
4145 **Ceratostigma** minus blue 15cm  
4146 **Cercis** canadensis  
4147 occidentalis magenta 3-6m  
4148 occidentalis pink  
4149 **Chamaecrista** fasciculata yellow 20cm  
4150 **Chamerion (Epilobium)** angustifolium pink 2m  
4151 **Chelone** lyonii  
4154 **Chimaphila** maculata  
4153 maculata  
4152 maculata  
4155 umbellata  
4157 **Chlorogalum** pomeridianum white to 2m  
4156 pomeridianum white 150cm  
4158 **Cicerbita** macrophylla lilac 100-150cm  
4159 **Clarkia** sp 40cm  
4160 **Clematis** aristata creamy white 500cm  
4161 crispa pale blue  
4162 hirsutissima  
4163 hirsutissima v scottii  
4164 occidentalis violet-pink 3m  
4165 **Clinopodium** chinense v parviflorum pink 40-50cm  
4167 **Clintonia** borealis yellow 30cm  
4166 borealis yellow 25cm  
4168 **Conandron** ramondioides purple-lilac 10-15cm  
4169 **Convallaria** majalis  
4170 **Corallo-discus** lanuginosus blue 10cm  
4171 **Coreopsis** rosea  
4172 **Cornus** mas yellow 2m  
4173 unalaschkensis  
4174 **Cortusa** brotheri PKMB294  
4175 **Coryphantha (Escobaria)** vivipara  
4176 vivipara  
4178 **Cylindropuntia** imbricata  
4177 imbricata  
4179 **Cymopterus** sp white 10cm  
4180 **Cypripedium** calceolus yellow 30cm  
4181 **Daphne** mezereum  
4182 **Delphinium** andersonii blue 45-70cm  
4183 caucasicum  
4184 glaucum  
4185 oxysepalum  
4186 smithianum (aff)  
4187 sp PKMB295  
4188 tatsienense  
4189 trolliifolium (moist packed) blue 60cm  
4190 **Dianthus** sp 10cm  
4191 **Diapensia** lapponica  
4192 **Dicentra** formosa  
4193 **Dichelostemma** congestum (aff) purple 35cm  
4194 **Digitalis** grandiflora yellow 80cm  
4195 **Dioscorea** villosa green 2m  
4196 **Dodecatheon** clevelandii (aff) pink 20cm  
4197 dentatum  
4198 jeffreyi  
4199 jeffreyi (aff) pink 15cm  
4200 meadia f album  
4201 **Douglasia** montana  
4202 **Draba** oligosperma yellow 2cm  
4203 **Dracocephalum** grandiflorum PKMB159
- Oregon: Western Cascades 180  
New Mexico: San Mateo Mtn 193  
New Mexico: Rio Arriba Co 193  
Maine: Jackson 192  
Michigan: Washtenaw Co 275  
New Zealand 2  
New Zealand 2  
Sweden: near Dalum Vastergotland 145  
New Jersey: Somerset Co 213  
Switzerland: Pennine Alps 98  
China: Lhasa, Tibet 252  
North Carolina: Caswell Co 240  
California: Nevada Co / 100m 150  
California: Shasta Co / 152m 214  
Ohio: Vinton Co 43  
Oregon: Newberg / 60m 214  
North Carolina: Yancey Co 240  
Massachusetts: Cape Cod 233  
Connecticut: Southeast 124  
Connecticut: Franklin 142  
Michigan: near Half Moon Lake, Washtenaw Co 274  
California: Tuolumne Co 151  
California: Shasta Co / 152m 214  
Sweden: near Dalum Vastergotland 145  
California: Shasta Co / 152m 214  
Australia: Forbes Creek, NSW 30  
North Carolina: Currie, Pender Co 247  
Colorado: Routt Co 262  
Colorado: Huerfano Co 262  
Minnesota: St Louis Co 218  
Japan: Yamanashi Pref / 600m 185  
Vermont: Washington Co 123  
North Carolina: Mt Pisgah, Buncombe Co 44  
Japan: Yamanashi Pref / 800m 185  
New York: Erie Co 219  
China: Lhasa, Tibet 252  
Massachusetts: Cape Cod 212  
Poland: Pabianice 20  
Canada: near Whistler, BC 67  
Kazakhstan: Tian Shan, Observatory meadow 261  
New Mexico: Rio Arriba Co 193  
Wyoming: Laramie Mtns 193  
New Mexico: Rio Arriba Co 193  
New Mexico: Magdalena Mtns 193  
Colorado: Lookout Mtn, Moffat Co 262  
Norway: Troms 163  
Slovenia: Julian Alps / 1800m 146  
Nevada: Carson Range Washoe Co / 1828m 100  
Russia: Caucasus, Elbrus / 3100m 5  
Oregon: Western Cascades 180  
Poland: Tatra, Dolina Mulowa / 1700m 5  
China: Sichuan, NW, Chola Shan / 4300m 5  
Kazakhstan: Tian Shan, Observatory meadow 261  
China: Sichuan, NW, Chola Shan / 4200m 5  
Oregon: Maxfield Creek Watershed, Denton Co 8  
Croatia: Biokovo / 1300m 146  
Norway: Lappland 171  
Washington: Whatcom Co 67  
California: Shasta Co / 152m 214  
Czech Republic: Moravia 158  
North Carolina: Mt Pisgah, Buncombe Co 44  
California: Shasta Co / 152m 214  
Washington: W of Okanogan 115  
Oregon: Cascade Mtns 115  
Oregon: Linton Meadow / 1798m 214  
New York: Tompkin Co 233  
Wyoming: Big Horn Mtns 193  
Nevada: Slide Mt Washoe Co / 2926m 100  
Kazakhstan: Altai, Burkhat Pass 261

## Dryas-Geranium

- 4204 **Dryas** integrifolia white 10cm  
4205 octopetala  
4206 octopetala white 12cm  
4207 octopetala (dwarf)  
4208 **Dryopteris** fragrans  
4209 **Dudleya** sp yellow 5cm  
4210 **Echinocereus** coccineus  
4212 triglochidiatus  
4211 triglochidiatus  
4213 triglochidiatus very coarse features  
4214 **Edraianthus** serpyllifolius 5cm  
4215 **Enkianthus** campanulatus v palibinii  
(Epilobium-see also Chamerion)  
4216 **Epilobium** ciliatum ssp glandulosum rose purple 20cm  
4217 **Eremogone (Arenaria)** hookeri  
4218 **Eremostachys** speciosa PKMB517  
4219 **Eremurus** altaicus PKMB93  
4220 sogdianus PKMB351  
4221 **Ericameria** bloomeri yellow 30cm  
4222 nauseosa yellow 60cm  
4223 **Erigeron** aphanactis v aphanactis yellow 6-10cm  
4224 aureus yellow 10cm  
4225 bloomeri v bloomeri yellow 6-9cm  
4226 cascadenis  
4227 chrysopsidis  
4228 foliosus v confinus  
4229 speciosus blue  
4230 **Eriogonum** pauciflorum  
4231 sphaerocephalum v halimioides  
4232 **Eriophyllum** lanatum v integrifolium yellow 8-16cm  
4234 **Eritrichium** nanum v aretioides  
4233 nanum v aretioides  
4235 **Eryngium** glaciale bluish 15cm  
4236 rostratum electric blue 25cm  
4237 **Erythronium** grandiflorum  
4238 grandiflorum yellow 20cm  
4239 klamathense  
4240 **Eucephalus (Aster)** ledophyllus purple 35cm  
4241 **Eurybia (Aster)** macrophylla lavender 30cm  
4242 **Ferula** sp PKMB422  
4243 sp PKMB94  
4244 **Filipendula** multijuga pink 40-50cm  
4245 ulmaria PKMB10  
4246 **Fleischmannia (Eupatorium)** incarnata pink-purple  
120cm  
4247 **Frasera** albicaulis blue 25cm  
4248 caroliniensis green 1.5m  
4249 **Fritillaria** affinis 20cm  
4250 caucasica  
4251 glauca  
4252 meleagroides  
4253 pudica yellow 12cm  
4254 raddeana  
4255 sewerzowii  
4256 stenantha  
4257 **Galax** urceolata  
4258 **Galearis** spectabilis pink 12cm  
4259 **Gaultheria** trichophylla blue frt 3cm  
4260 **Gentiana** acaulis blue 10-12cm  
4261 alpina 7cm  
4262 asclepiadea blue 60cm  
4263 clausa blue 60cm  
4264 kaufmanniana PKMB244  
4265 parryi blue 60cm  
4266 sp 8cm  
4267 verna blue 8cm  
4268 **Gentianopsis** barbata PKMB161  
4269 **Geranium** bicknellii pink 35cm  
4270 potentilloides  
4271 sessiliflorum
- Canada: Belburns NL 88  
Slovenia: Julian Alps / 2000m 146  
Italy: North Dolomites 225  
Italy: Dolomites 157  
Alaska: Healy / 914m 276  
California: Santa Ana Mtns 193  
Texas: Hudspeth Co 193  
New Mexico: Mogollon Mtns 193  
Arizona: Mormon Lake 193  
New Mexico: Rio Arriba Co 193  
Croatia: Biokovo / 1400m 146  
Japan: Honshu, Fukushima, Ozegahara / 200m 5
- Canada: SE of Hay River NWT 269  
Nebraska: Wildcat Hills 193  
Kazakhstan: Tian Shan, nr Djabagly 261  
Kazakhstan: Altai, Marble Pass 261  
Kazakhstan: Tian Shan, Marchat canyon 261  
Oregon: Mt Washington / 1768m 214  
Colorado: Boulder Co 238  
Nevada: Mt Rose, Washoe Co / 1840m 100  
Washington: W Cascades 232  
Nevada: Washoe Co / 1219m 100  
Oregon: Western Cascades 180  
Oregon: Wallowa Mtns 193  
Oregon: Western Cascades 180  
Washington: White Pass 81  
Nebraska: Wildcat Hills 193  
Oregon: Western Cascades 180  
Nevada: Washoe Co / 1219m 100  
Wyoming: Snowy Range 193  
Wyoming: Big Horn Mtns 193  
Spain: Sierra Nevada 106  
Australia: Bywong, NSW 30  
Wyoming: Snowy Range 193  
New Mexico: Brazos Cliffs 203  
Oregon: Western Cascades 180  
Oregon: Middle Sister / 1860m 214  
Michigan: Kent Co 221  
Kazakhstan: Tian Shan, White Lake (Akkol) 261  
Kazakhstan: Altai, Marble Pass 261  
Japan: Nagano Pref / 1900m 185  
Kazakhstan: Altai KalbinskyHills nr UstKamenogorst 261
- Tennessee: Blount Co 264  
California: Hat Creek Rim / 1402m 214  
Indiana: Orange Co 16  
California: Ukiah 93  
Russia: Mt Gunib, Daghestan 11  
Oregon: Western Cascades 180  
Kazakhstan: Altai, Tainty (Malachit Village) 261  
Washington: Cascade Mtns 202  
Turkmenistan: Kopet Dag Mtns, Arvaz valley 11  
Uzbekistan: Kamtschik, Tian Shan Mtns 11  
Uzbekistan: Tian Shan Valley Urungatschsai 11  
North Carolina: Yancey Co 240  
Indiana: Orange Co 16  
China: Galung, Tibet 252  
Italy: North Dolomites 225  
Spain: Pyrenees 61  
Italy: Stelvio Pass above Bormio 262  
New Jersey: Bernardsville 242  
Kazakhstan: Tian Shan, above Almaty 261  
Colorado: Routt Co 262  
Croatia: Biokovo / 1400m 146  
Italy: North Dolomites 225  
Kazakhstan: Altai, Burkhat Pass 261  
Canada: SW of Hay River NWT 269  
New Zealand 2  
New Zealand 2

## Wild Collected



- 4272 **Geum** macrophyllum yellow 120cm  
 4273 montanum yellow 10cm  
 4274 **Globularia** cordifolia white 7cm  
 4275 repens 3cm  
 4276 **Goniolimon** speciosum PKMB69  
 4277 **Gonolobus** suberosus greenish brown 180cm  
 4278 **Gunnera** cordifolia red frt prostrate  
 4279 **Gymnadenia** conopsea pink 20cm  
 4280 **Gypsophila** repens white 7cm  
 4281 **Hebe** albicans  
 4282 pimeleoides (cf)  
 4283 **Hedysarum** vicoides cream 40-50cm  
 4284 **Helenium** autumnale yellow 100cm  
 4285 **Helleborus** multifidus ssp istriacus  
 4286 **Heuchera** cylindrica  
 4287 cylindrica v alpina  
 4288 merriamii  
 4289 villosa white 30cm  
 4290 **Hieracium** villosum yellow 10-30cm  
 4291 **Hierochloa** hirta green 30cm  
 4292 **Himantoglossum** hircinum green/pink 100cm  
 4293 **Horminum** pyrenaicum violet-blue 25cm  
 4294 **Hosta** longipes pale purple 15-30cm  
 4295 **Hulsea** nana  
 4297 **Hydrangea** arborescens white 150cm  
 4296 arborescens white 1m  
 4298 involucrata pale purple 50-60cm  
 4299 **Hydrastis** canadensis white 15cm  
 4300 **Hylomecon** japonica  
 4301 **Hypericum** ascyron yellow 40-50cm  
 4302 erectum v caespitosum yellow 5-10cm  
 4303 hyssopifolium ssp microcarpum (nv)  
 4304 **Iberis** aurosica  
 4305 **Ilex** opaca  
 4306 verticillata heavily fruiting form  
 4307 **Iliamna** bakeri  
 4308 **Ionactis (Aster)** linariifolia  
 4309 **Ipomopsis** aggregata  
 4310 **Iris** barbatula (cf) 10cm  
 4311 missouriensis  
 4312 missouriensis large darker blue flr  
 4313 orchioides  
 4314 ruthenica PKMB117  
 4315 setosa deep blue 30-45cm  
 4316 sp blue 25cm  
 4317 tenax lavender 30cm  
 4318 tenax purple/white 30cm  
 4319 tenuissima  
 4320 willmottiana PKMB443  
 4321 **Juniperus** communis  
 4323 **Kalmia** latifolia  
 4322 latifolia  
 4324 **Lathyrus** japonicus blue/magenta 25cm  
 4325 **Lavatera** thuringiaca PKMB329  
 4326 **Ledum** groenlandicum 34cm  
 4327 **Leonurus** japonicus pink 100-125cm  
 4328 **Lesquerellia** sp  
 4329 **Leucochrysum** albicans metallic gold 10-15cm  
 4330 albicans white/yellow 10-15cm  
 4331 **Leucopogon** fraseri  
 4332 **Lewisia** rediviva pink 7.5cm  
 4333 rediviva ssp minor white 2-4cm  
 4334 **Liatris** sp lavender-purple to 75cm  
 4335 spicata v spicata purple 91cm  
 4336 **Lilium** buschianum  
 4337 canadense orange 2m  
 4338 catesbaei orange 91cm  
 4339 columbianum orange 120cm  
 4340 debile
- Oregon: Newberg / 60m 214  
 Italy: North Dolomites 225  
 Italy: North Dolomites 225  
 Spain: Pyrenees 61  
 Kazakhstan: Altai, Sand Dunes at Kurchun Ferry 261  
 Tennessee: Blount Co 264  
 Australia: Tasmania 266  
 Norway: Troms 163  
 Italy: North Dolomites 225  
 New Zealand 2  
 New Zealand 2  
 Japan: Mt Fuji / 2000m 185  
 Washington: Lewis Co / 30m 214  
 Slovenia: NW Postojna / 600m 5  
 Wyoming: Big Horn Mtns 193  
 Oregon: Cascades 180  
 Oregon: Western Cascades 180  
 Georgia: Fannin Co 256  
 France: Jura 74  
 Norway: Troms 163  
 France: Creziers, Deux Sevres 162  
 Italy: North Dolomites 225  
 Japan: Yamanashi Pref / 1000m 185  
 Oregon: High Cascades 180  
 Ohio: Vinton Co 43  
 North Carolina: Watauga Co 140  
 Japan: Yamanashi Pref / 600m 185  
 Indiana: Orange Co 16  
 Japan: Kanuma 156  
 Japan: Yamanashi Pref / 1500m 185  
 Japan: Mt Fuji / 2000m 185  
 Turkey: Kop Gecidi, Bayburt Prov. 277  
 France: Hautes Alpes, Massif de l'Aouze 5  
 North Carolina: Chatham Co 154  
 Michigan: Washtenaw Co 274  
 Oregon: Cascades 180  
 Massachusetts: Cape Cod 233  
 Oregon: Western Cascades 180  
 China: Tian Bao Shan Yunnan 110  
 California: Rising River 137  
 Colorado: Codova Pass, Huerfano Co 262  
 Uzbekistan: Tian Shan Valley Baschkhizilsai 11  
 Kazakhstan: Altai, Mt summit above Markakol 261  
 Alaska: Palmer 182  
 Croatia: Biokovo / 800m 146  
 Oregon: Lane Co 122  
 Oregon: Fuller Creek Watershed Benton Co 8  
 California: S of Lavabeds Natl Park 115  
 Kazakhstan: Tian Shan, nr Djabagly 261  
 Oregon: Three Sisters Wilderness / 1829m 214  
 North Carolina: Yancey Co 240  
 North Carolina: Guilford Co. 240  
 Maine: Isle au Haut 25  
 Kazakhstan: Tian Shan Cemetery nr Almaty 261  
 New Hampshire: Coos Co 153  
 Japan: Yamanashi Pref / 600m 185  
 New Mexico: Rowe Mesa 193  
 Australia: Braidwood, NSW 30  
 Australia: Bywong, NSW 30  
 New Zealand 2  
 Washington: Cascade Mtns 202  
 Nevada: Carson Range Washoe Co / 1800m 100  
 Michigan: near Half Moon Lake, Washtenaw Co 275  
 North Carolina: Alleghany Co 270  
 Russia: Primorsky Krai 11  
 New Jersey: Morris Co 173  
 North Carolina: Brunswick Co 270  
 Oregon: Curry Co 35  
 Russia: Sakhalin 11

## Lilium-Parnassia

- 4341 **Lilium** leichtlinii v maximowiczii orange 50-70cm  
4342 medeoloides orange 50-70cm  
4343 michauxii orange 30-40cm  
4344 michiganense  
4345 monadelphum  
4346 philadelphicum  
4348 superbum orange 150cm  
4347 superbum orange 2m  
4349 washingtonianum to 2m  
4350 washingtonianum white 150cm  
4351 **Linum** altaicum PKMB100  
4352 lewisii  
4353 **Lobelia** cardinalis red 120cm  
4354 cardinalis red 60cm  
4355 kalmii light blue 25cm  
4356 siphilitica blue 40cm  
4357 **Loiseleuria** procumbens t4cm  
4358 **Lomatium** dasycarpum white 25cm  
4359 dissectum yellow 100cm  
4360 macrocarpum  
4361 macrocarpum (aff) yellow 12cm  
4362 nevadense (cf)  
4363 **Ludwigia** alternifolia yellow 80cm  
4364 **Lupinus** latifolius purple 60-90cm  
4365 latifolius (aff) purple 40cm  
4366 lepidus purple 10cm  
4367 lepidus v caespitosus blue/white 10cm  
4368 sp 12cm  
4369 sp blue 35cm  
4370 **Lychnis** alpina pink 15cm  
4371 **Maianthemum (Smilacina)** canadense  
4372 racemosum  
4373 **Meconopsis** horridula complex 20cm  
4374 integrifolia yellow 50cm  
4375 wilsonii (cf) pink? 100cm  
4376 **Medeola** virginica white flr/blue frt 70-80cm  
4377 **Melicytus** alpinus (cf)  
4378 **Melittis** melissophyllum various pink 60cm  
4379 **Mentzelia** laevicaulis light yellow 60cm  
4380 **Mimulus** cupreus  
4381 lewisii pink 40cm  
4382 ringens blue 50cm  
4383 sp yellow 30cm  
4384 **Minuartia** juresii  
4385 **Monarda** punctata pinkish  
4386 **Monardella** odoratissima  
4387 odoratissima pink-purple/white 10-50cm  
4388 **Monotropa** uniflora  
4389 **Muilla** transmontana white 16-23cm  
4390 **Muscari** comosum blue 30cm  
4391 **Myosotis** popovii  
4392 **Narcissus** bulbocodium ssp obesus yellow 15cm  
4393 nevadensis diverse collection  
4394 **Oenothera** caespitosa ssp crinita white 4-7cm  
4395 **Onobrychis** echidna PKMB448  
4396 **Oreostemma (Aster)** alpigenum purple 10cm  
4397 **Oxytropis** nitens (cf)  
4398 sp  
4399 sp pink? 6cm  
4400 sp PKMB170  
4401 **Packera** paupercula yellow 20cm  
4402 sp  
4403 **Paeonia** californica  
4404 **Papaver** fugax  
4405 lisae  
4406 **Paraquilegia** microphylla PKMB257  
4407 **Parasenecio** farfarifolius white 40-50cm  
4408 **Parnassia** asarifolia  
4409 laxmanni PKMB250  
4410 palustris PKMB139
- Japan: Yamanashi Pref / 1500m 185  
Japan: Mt Fuji / 2000m 185  
North Carolina: Madison Co / 914m 246  
Michigan: Southern 155  
Russia: Mt Gunib, Daghestan 11  
Michigan: Northern 155  
North Carolina: Ashe Co 270  
New Jersey: Somerset Co 173  
Oregon: Western Cascades 180  
Oregon: Hood River Co 202  
Kazakhstan: Altai, Marble Pass 261  
Oregon: Western Cascades 180  
North Carolina: Alamance Co 270  
Tennessee: Blount Co 264  
Canada: SE of Hay River NWT 269  
Michigan: Kent Co 221  
New Hampshire: Coos Co 153  
California: Shasta Co / 152m 214  
California: Hat Creek Rim / 1250m 214  
Oregon: Cascades 180  
California: Hat Creek Rim / 1250m 214  
Oregon: NW of Lakeview 115  
New Jersey: Burlington Co 239  
Oregon: Fuller Creek Watershed Benton Co 8  
Oregon: Santiam Pass / 1463m 214  
Oregon: Deschutes Co / 1524m 214  
Colorado: Routt Co 262  
California: Shasta Co / 152m 214  
California: Hat Creek Rim / 1341m 214  
Canada: Tablelands NL 88  
Maine 108  
New York: Erie Co 219  
China: Waha Mt Yunnan 110  
China: Serkym La, Tibet 252  
China: Yunnan 110  
Vermont: Rochester 29  
New Zealand 2  
France: Jura 74  
California: Alpine Co 174  
Argentina: Neuquen, by Caviahue 5  
Oregon: North Sister / 2027m 214  
New Jersey: Union Co 213  
California: Shasta Co / 152m 214  
Turkey: Boz Dag / 2000m 5  
Michigan: near Half Moon Lake, Washtenaw Co 275  
Oregon: Western Cascades 180  
California: S of Lavabeds Natl Park 115  
Connecticut: Southeast 124  
Nevada: Peavine Mt, Washoe Co / 1676m 100  
Czech Republic: Moravia 158  
Ukraine: Crimea, Mt Ai-Petri 11  
Portugal: Arabida 252  
Spain: Sierra Nevada 277  
Nevada: Peavine Mt, Washoe Co / 1219m 100  
Kazakhstan: Tian Shan, nr Djabagly 261  
Oregon: Sisters Mirror Lake / 1829m 214  
Russia: W. Siberia, Sayan Mtns, Arshan / 1400m 5  
New Mexico: Rio Arriba Co 193  
Colorado: Summit Co / 2926m 262  
Kazakhstan: Altai, Burkhat Pass 261  
Canada: Tablelands NL 88  
Oregon: Wallowa Mtns 193  
California: Santa Ana Mtns 193  
Russia: Mt Gunib, Daghestan 11  
Russia: N. Caucasus, Kabardino-Balkariya 5  
Kazakhstan: Tian Shan, above Almaty 261  
Japan: Mt Fuji / 2000m 185  
North Carolina: Yancey Co 240  
Kazakhstan: Tian Shan, above Almaty 261  
Kazakhstan: Altai, Austrian Road 261

## Wild Collected

## Parnassia-Rhaponticum

- 4411 **Parnassia** palustris PKMB449  
4412 **Parthenium** integrifolium white 45cm  
4413 **Passiflora** lutea yellow 3m  
4414 **Patersonia** fragilis purple 50cm  
4415 **Patrinia** sp PKMB229  
4416 **Penstemon** barrettiae purple 30cm  
4417 crandallii ssp procumbens  
4418 davidsonii  
4419 fruticosus  
4420 glandulosus v chelanensis violet 60cm  
4421 grandiflorus (cf)  
4422 mensarum blue 45cm  
4423 rupicola  
4424 serrulatus blue  
4425 sp blue flr/very narrow lvs  
4426 sp bright blue 20cm  
4427 venustus  
4428 **Petrocallis** pyrenaica pink 1cm  
4429 **Peucedanum** rablense  
4430 sp PKMB42  
4431 **Phlox** adsurgens  
4432 diffusa  
4433 **Physoplexis** comosa  
4434 comosa whitish blue 8cm  
4435 **Pieris** floribunda white 1m  
4436 **Pinguicula** sp 5cm  
4437 **Pinus** contorta v murrayana  
4438 **Pityopsis** falcata yellow 10-12.5cm  
4439 **Podocarpus** nivalis  
4440 **Podophyllum** hexandrum mix 15-60cm  
4441 peltatum  
4442 **Polemonium** caeruleum blue 50m  
4443 caeruleum PKMB26  
4444 confertum  
4445 **Polygonatum** biflorum white 30cm  
4446 **Potentilla** hirta  
4447 **Primula** algida  
4448 algida PKMB258  
4449 chungensis rose 40cm  
4450 cordifolia  
4451 elatior ssp ruprechtii  
4452 hirsuta 10cm  
4453 integrifolia 5cm  
4454 laurentiana pink 10cm  
4455 sikkimensis yellow 40cm  
4456 sp 50cm  
4457 spectabilis  
4458 villosa pink 8cm  
4459 villosa pink 10cm  
4460 villosa ssp commutata F \$ JK 0969  
4461 **Ptilotus** spathulatus creamy-white 5cm  
4462 **Pulsatilla** albana  
4463 alpina ssp apiifolia yellow 30cm  
4464 alpina ssp apiifolia yellow 40cm  
4465 sp  
4466 vernalis white 10cm  
4467 vulgaris blue 25cm  
4468 vulgaris purple-violet 25-35cm  
4469 **Pycnanthemum** incanum white 90cm  
4470 **Pyrola** americana  
4471 elliptica  
4472 **Ranunculus** altaicus PKMB174  
4473 parnassiifolius 5cm  
4475 seguieri white 10cm  
4474 seguieri white 6cm  
4476 **Raoulia** glabra  
4477 hookeri 2cm  
4478 subsericea  
4479 **Rhaponticum** carthamoides PKMB142  
Kazakhstan: Tian Shan, nr Djabagly 261  
North Carolina: Orange Co 270  
North Carolina: Mecklenburg Co 44  
Australia: Tasmania 266  
Kazakhstan: Altai, Kalbinsky crest 261  
Washington: Klickitat Co 202  
Colorado: Gunnison Co 262  
Oregon: Cascades 180  
Washington: N Cascades Hwy 115  
Washington: Klickitat Co 202  
New Mexico: Rio Arriba Co 193  
Colorado: Grand Mesa, Delta Co 268  
Oregon: Western Cascades 180  
Washington: west side Mt Adams 81  
Wyoming: Absaroka Mtns 193  
California: NorthEast 115  
Oregon: N of Enterprise 115  
Italy: North Dolomites 225  
Italy: Monte Verzegnis / 1500m 277  
Kazakhstan: Altai, Tainty (Malachit Village) 261  
Oregon: Western Cascades 180  
Oregon: Western Cascades 180  
Italy: Dolomites 157  
Italy: Dolomites 104  
North Carolina: Shining Rock, Buncombe Co 44  
California: Del Norte Co 4  
Oregon: Santiam Pass / 1463m 214  
Massachusetts: Orleans 164  
New Zealand 2  
China: Yunnan 110  
New York: Erie Co 219  
Norway: Troms 163  
Kazakhstan: Altai KalbinskyHills nr UstKamenogorst 261  
Wyoming: Snowy Range 193  
Michigan: Kent Co 221  
Macedonia: E. Galicica Pass 277  
Russia: Mt Gunib, Daghestan 11  
Kazakhstan: Tian Shan, above Almaty 261  
China: Galung, Tibet 252  
Russia: Mt Gunib, Daghestan 11  
Russia: Machatskala, Daghestan 11  
Spain: Pyrenees 61  
Spain: Pyrenees 61  
Canada: Cape Freels NL 88  
China: Lunang, Tibet 252  
China: Tian Bao Shan Yunnan 110  
Italy: Dolomites 157  
Italy: Dolomites 104  
Italy: North Dolomites 225  
Austria: Siegersdorf 277  
Australia: Tasmania 266  
Russia: Mt Gunib, Daghestan 11  
Italy: North Dolomites 225  
Slovenia: Julian Alps 252  
Slovenia: Julian Alps / 1800m 146  
Italy: North Dolomites 225  
Poland: Pabianice 20  
France: Jura 74  
Ohio: Vinton Co 43  
Connecticut: Southeast 124  
New Jersey 108  
Kazakhstan: Altai, Burkhat Pass 261  
Spain: Pyrenees 61  
Italy: North Dolomites 225  
Italy: Brenta 104  
New Zealand 2  
New Zealand 2  
New Zealand 2  
Kazakhstan: Altai, Austrian Road 261

## Rheum-Townsendia

- 4480 **Rheum** nobile green 2m  
4481 **Rhododendron** lapponicum  
4482 lapponicum 15cm  
4483 **Rhus** copallinum  
4484 **Richea** dracophylla white 3m  
4485 **Ricinocarpos** pinifolius white 1m  
4486 **Rosa** luciae v fujisanensis white 50-70cm  
4487 sp PKMB193  
4488 **Rosularia** turkestanica PKMB455  
4489 **Rubus** hispidus white 3cm  
4490 **Rudbeckia** hirta yellow/orange 75cm  
4491 **Salix** cascadiensis 10cm  
4492 reticulata  
4493 **Salvia** aethiopis white 60cm  
4494 dorrii v dorrii purple 45cm  
4495 fruticosa  
4496 glutinosa yellow 80cm  
4497 nipponica yellow 15-20cm  
4498 **Saxifraga** bronchialis  
4499 bronchialis  
4500 caesia  
4501 crustata white 15cm  
4502 hirculus PKMB262  
4503 longifolia  
4504 michauxii  
4505 oppositifolia purple 5cm  
4506 tolmiei white 8cm  
4507 **Scabiosa** owerinii  
4508 **Scleranthus** uniflorus 1cm  
4509 **Scutellaria** galericulata blue 30cm  
4510 incana blue 1m  
4511 **Sedum** ewersii PKMB144  
4512 **Senecio** argunensis  
4513 incanus yellow 7cm  
4514 triangularis yellow 60cm  
4515 **Shortia** soldanelloides pink 5-15cm  
4516 **Sidalcea** glaucescens pink 12-24cm  
4517 malviflora (aff) pink 40cm  
4518 **Silene** acaulis  
4519 elisabethae  
4520 jennisensis  
4521 nigrescens 10cm  
4522 ruprechtii white  
4523 subintegra  
4524 virginica red 90cm  
4525 **Sisyrinchium** idahoense v idahoense purple 15cm  
(Smilacina-see Maianthemum)  
4526 **Soldanella** alpina (cf)  
4527 minima  
4528 pusilla pink-purple 5-8cm  
4529 **Solidago** bicolor  
4530 **Sphaeralcea** ambigua ssp monticola orange 15-24cm  
4531 sp  
4532 **Sphaeromeria** potentilloides yellow 10-15cm  
4533 **Stachys** officinalis purple 40cm  
4534 **Stenanthium** gramineum white 90cm  
4535 occidentale  
4536 **Stylidium** graminifolium pink 6-20cm  
4537 **Symphotrichum (Aster)** lanceolatum ssp hesperium  
light blue 91cm  
4538 **Taxus** brevifolia white 3m  
4539 **Tephrosia** virginiana  
4540 virginiana yellow/pink lobes 60cm  
4541 **Tetracentron** sinense  
4542 **Tetraneuris** grandiflora yellow 15cm  
4543 **Thlaspi** bellidifolium pink 3-5cm  
4544 stylosum pale violet 3-6cm  
4545 zaffranii  
4546 **Thymelaea** dioica (cf) 10cm  
4547 **Townsendia** eximia lavender 15-20cm
- China: Serkym La, Tibet 252  
Alaska: Healy / 762m 276  
New Hampshire: Coos Co 153  
North Carolina: Chatham Co 154  
Australia: Tasmania 266  
Australia: Tasmania 266  
Japan: Mt Fuji / 2000m 185  
Kazakhstan: Altai, Maimyr valley 261  
Kazakhstan: Tian Shan, nr Djabagly 261  
Maine: Isle au Haut 25  
North Carolina: Montgomery Co 270  
Washington: W Cascades 232  
Italy: Dolomites 157  
Czech Republic 252  
Nevada: Peavine Mt, Washoe Co / 1219m 100  
Crete 54  
Czech Republic: Moravia 158  
Japan: Yamanashi Pref / 600m 185  
Oregon: Western Cascades 180  
Wyoming: Absaroka Mtns 193  
Italy: Dolomites 157  
Slovenia: Julian Alps 252  
Kazakhstan: Tian Shan, above Almaty 261  
Spain: Pyrenees 61  
North Carolina: Yancey Co 240  
Canada: Tablelands NL 88  
Oregon: North Sister / 2027m 214  
Russia: Mt Gunib, Daghestan 11  
New Zealand 2  
Maine: Isle au Haut 25  
North Carolina: Guilford Co. 140  
Kazakhstan: Altai, Austrian Road 261  
Russia: Primorsky Krai 11  
Switzerland: Pennine Alps 98  
Oregon: Three Sisters Wilderness / 1829m 214  
Japan: Nagano Pref / 1900m 185  
Nevada: Peavine Mt, Washoe Co / 1981m 100  
California: Shasta Co / 152m 214  
Wyoming: Snowy Range 193  
Italy: Dolomites 157  
Russia: Far East, Kedrovaja Padj 11  
China: Ngajung La, Tibet 252  
Russia: Mt Gunib, Daghestan 11  
Greece: Ioannina, road to Katara pass / 1400m 5  
Indiana: Orange Co 16  
Oregon: Fuller Creek Watershed Benton Co 8
- Italy: Dolomites 157  
Italy: Dolomites 157  
Italy: North Dolomites 225  
Eastern Massachusetts 212  
Nevada: Lyon & Washoe Co / 1371m 100  
New Mexico: San Mateo Mtn 193  
Nevada: Churchill Co / 1250m 100  
Czech Republic: Moravia 158  
North Carolina: Alleghany Co 270  
Oregon: Western Cascades 180  
Australia: Tasmania 266
- Canada: SW of Hay River NWT 269  
Poland: Pabianice 20  
Michigan: near Half Moon Lake, Washtenaw Co 274  
Michigan: Pickerel Lake, Washtenaw Co 7  
China: Shaanxi, Quin Ling Mtns, Houditang / 1980m 5  
Colorado: Loveland Pass, Clear Creek Co / 3658m 262  
Italy: North Dolomites 225  
Italy: Apennines / 2600m 5  
Greece: Crete, Mt Levka Ori / 1800m 5  
Spain: Pyrenees 61  
Colorado: Huerfano Co 262

## Wild Collected

## Trichostema-Zigadenus

- 4548 **Trichostema** brachiatum blue 20cm  
4549 **Trifolium** alboburpureum purple 25cm  
4550 **Trillium** albidum white  
4551 erectum red 45cm  
4552 erectum & grandiflorum mixed  
4553 kurabayashii  
4554 kurabayashii burgundy  
4555 **Triosteum** aurantiacum red 120cm  
4556 **Triteleia** grandiflora  
4557 **Trollius** altaicus PKMB146  
4558 europaeus yellow 80cm  
4559 hondoensis yellow 50-70cm  
4560 **Tsuga** mertensiana  
4561 **Tulipa** altaica PKMB104  
4562 greigii PKMB408  
4563 heteropetala PKMB105  
4564 sylvestris yellow 15cm  
4565 turkestanica PKMB497  
4566 **Vaccinium** cespitosum pink 10cm  
4567 erythrocarpum red 1m  
4568 **Veratrum** californicum v californicum greenish 1-2m  
4569 viride yellow-green 100cm  
4570 **Vernonia** noveboracensis purple 2m  
4571 noveboracensis purple 2.5m  
4572 **Veronica** gentianoides  
4573 onoei white 5-10cm  
4574 rotunda ssp subintegra pale blue 70-100cm  
4575 wormskjoldii  
4576 **Veronicastrum** sibiricum ssp japonicum blue 50-70cm  
4577 **Viburnum** prunifolium white 270cm  
4578 **Viola** pubescens yellow 20-30cm  
4579 pubescens yellow 20cm  
4580 **Wahlenbergia** albomarginata  
4581 **Wyethia** angustifolia yellow 40cm  
4582 mollis (aff) yellow 50cm  
4583 **Xerophyllum** tenax  
4584 tenax white 100cm  
4585 **Yucca** angustissima  
4586 angustissima 1-2m  
4587 baccata  
4588 brevifolia  
4589 harrimaniae white 1m  
4590 **Zephyranthes** atamasca white 30cm  
4591 **Zigadenus** paniculatus  
4592 venenosus white 60cm

### WILD ADDENDUM LIST:

- 4593 **Astragalus** chamaeleuce  
4594 detritalis  
4595 mollissimus ssp thompsoniae  
4596 utahensis  
4597 **Chamaechaenactis** scaposa  
4598 **Clematis** hirsutissima  
4599 **Eremogone (Arenaria)** fendleri white  
4600 **Hedysarum** boreale  
4601 **Iliamna** rivularis  
4602 **Lupinus** argenteus  
4603 **Noccaea (Thlaspi)** fendleri ssp glauca  
4604 **Penstemon** dolius v duchesnensis  
4605 humilis v brevifolius  
4606 moffatii  
4607 pachyphyllus  
4608 **Phlox** bryoides white-pink-lavender  
4609 **Physaria** acutifolia  
4610 **Silene** acaulis  
4611 **Solidago** nana (cf)  
4612 **Townsendia** incana  
4613 jonesii (cf) smaller straw color flr  
4614 **Yucca** harrimanniae

- Indiana: Orange Co 16  
California: Shasta Co / 152m 214  
California: Del Norte Co 135  
North Carolina: Watauga Co 270  
New York: Erie Co 219  
Oregon: Curry Co 35  
California: Del Norte Co 135  
Indiana: Orange Co 16  
Oregon: between John Day & Pendleton 115  
Kazakhstan: Altai, Austrian Road 261  
Finland: Orimattila 187  
Japan: Yamanashi Pref / 1500m 185  
Oregon: Belknap Crater / 1860m 214  
Kazakhstan: Altai, Marble Pass 261  
Kazakhstan: Tian Shan, Berkhara Valley 261  
Kazakhstan: Altai, Marble Pass 261  
Croatia: Biokovo / 1100m 146  
Kazakhstan: Tian Shan, nr Djabagly 261  
Canada: Thunder Bay ON 27  
North Carolina: Mt Pisgah, Buncombe Co 44  
Colorado: Routt Co 262  
New Jersey: Bernardsville 242  
New Jersey: Morris Co 173  
New York: Warwick, Orange Co 29  
Georgia: N of Lajanurpheki / 650m 5  
Japan: Nagano Pref / 1900m 185  
Japan: Yamanashi Pref / 1500m 185  
Wyoming: Snowy Range 193  
Japan: Yamanashi Pref / 1500m 185  
Ohio: Vinton Co 43  
Vermont: Addison Co 183  
Vermont: Chittenden Co 123  
New Zealand 2  
California: Shasta Co / 914m 214  
California: Hat Creek Rim / 1402m 214  
Oregon: S of Mt Hood 115  
Oregon: Mt Washington / 1768m 214  
New Mexico: Rio Arriba Co 193  
New Mexico: Truth or Consequences 193  
New Mexico: Magdalena Mtns 193  
California: Inyokern 137  
Colorado: Gunnison Co / 2438m 262  
North Carolina: Mecklenburg Co 44  
Oregon: NW of Lakeview 115  
California: Hat Creek Rim / 1463m 214

- Utah: Duchesne Co 1433m 279  
Utah: Duchesne Co 1433m 279  
Utah: Duchesne Co 1433m 279  
Utah: Davis Co 2591m 279  
Utah: Duchesne Co 1433m 279  
Utah: Cache Co 2743m 279  
Utah: Davis Co 2591m 279  
Utah: Duchesne Co 1433m 279  
Utah: Davis Co 2591m 279  
Utah: Davis Co 2591m 279  
Utah: Summit Co 3261m 279  
Utah: Duchesne Co 1433m 279  
Utah: Davis Co 2743m 279  
Utah: Duchesne Co 1433m 279  
Utah: Duchesne Co 2225m 279  
Utah: Duchesne Co 2225m 279  
Utah: Duchesne Co 2225m 279  
Utah: Summit Co 3505m 279  
Utah: Summit Co 3505m 279  
Utah: Duchesne Co 2225m 279  
Utah: Duchesne Co 1433m 279  
Utah: Duchesne Co 1433m 279