

**Garden Collected****Abies-Allium**

- 1 **Abies** koreana 'Golden Selection' slow growing 6-10cm 55
- 2 **Abronia** nana white 195
- 3 **Abutilon** vitifolium blue 4m 108
- 4 **Acaena** microphylla 'Kupferteppich' 12
- 5 **saccaticupula** 'Blue Haze' dark red 10cm 129
- 6 **sericea** purple fls/silver lvs 8cm 260
- 7 **Acantholimon** bracteatum v capitatum white calyces 20cm 336
- 8 **caryophyllaceum** white-purple-pink 30cm 336
- 9 **glumaceum** (blue foliage) pink 15cm 336
- 10 **hohenackeri** pink 15cm 336
- 11 **hohenackeri** (no parachutes) white 15cm 150
- 12 **litvinovii** pale pink 15 cm 306 336
- 13 **sp** purple 15cm 297
- 14 **sp ex** Ala Dag, Turkey white 336
- 15 **sp ex** MacPhail & Watson pink 336
- 16 **venustum** pink 15-25cm 276 336
- 17 **Acer** carpinifolium 227
- 18 **cissifolium** 227
- 19 **palmatum** v dissectum to 3m 213
- 20 **Achillea** hybrid white 3
- 21 **kellereri** (x) white 15-23cm 73 115
- 22 **serbica** 15 cm 1
- 23 **tomentosa** yellow 20-30cm 332
- 24 **Achyraea** mollis yellow 41
- 25 **Aconitum** anthora yellow 60cm 109
- 26 **carmichaelii** blue 1.2m 58 156
- 27 **delphinense** blue 100cm 131
- 28 **hemsleyanum** dark purple 1.5-2m 165
- 29 **krylovii** yellow 40cm 109
- 30 **kusnezoffii** blue 100cm 131
- 31 **lycoctonum** ssp neopolitanum cream yellow 60-120cm 165
- 32 **lycoctonum** ssp vulparia pale yellow 75cm 172 361
- 33 **napellus** 'Bergfurst' deeper blue 1.2 m 31
- 34 **orientale** cf ex Tien Shan smoky purple 150cm 154
- 35 **paniculatum** violet 60-150cm 165
- 36 **sachalinense** 109
- 37 **sp ex** Primorje/Russian-climber light blue 120cm 133
- 38 **Actaea** dahurica ex near Jingdong SKorea HC970103 180c m 359
- 39 **elata** white 1.5-2m 312
- 40 **europaea** 191
- 41 **japonica** ex Cheju Island,SKorea HC970286 90cm 359
- 42 **pachypoda** white fruit 60cm >
- 43 **pachypoda** f rubrocarpa 154
- 44 **rubra** red fruit 80cm 14 169 179
- 45 **rubra** f neglecta 320
- 46 **simplex** 'Brunette' 45
- 47 **spicata** black fruit 60-80cm 311 320
- 48 **Adenophora** bulleyana pale blue 80cm 59
- 49 **liliifolia** light blue 45cm 85
- 50 **taquetii** blue 15-20cm 140 332
- 51 **triphylla** v japonica lavender 60cm 157
- 52 **Adiantum** aleuticum 'Subpumilum' 12cm 204
- 53 **concinnum** 41
- 54 **Adlumia** fungosa mix to 4m 155
- 55 **fungosa** pink to 4m 15 175
- 56 **Adonis** aestivalis red 40cm 316
- 57 **amurensis** 'Akabana' red 15-25cm 18
- 58 **Adonis** amurensis ex 'Benten' cream 20cm 126
- 59 **brevistyla** blue/white 35cm 192 221
- 60 **vernalis** yellow 20-25cm >
- 61 **Aeonium** 'Zwartkop' black lvs to 75cm 298
- 62 **Aethionema** armenum pink 20cm 59 159 360
- 63 **armenum** 'Mavis Holmes' lilac 20cm 273
- 64 **caespitosum** pink-lavender 3cm 194 260 335
- 65 **coridifolium** pink 20cm 24
- 66 **glaucescens** pink 8 cm 336 360
- 67 **grandiflorum** pink 15cm >
- 68 **grandiflorum** (cf) pink 360
- 69 **grandiflorum** Pulchellum Group pink 15cm 128 266
- 70 **iberideum** pink 8cm 217 252
- 77\* **kotschyi** pink 10-15cm 135 210  
\*(Note-out of # order)
- 71 **oppositifolium** pink 5cm 24 325
- 72 **saxatile** pink/white 3-5cm >
- 73 **schistosum** pink 10cm 25 85
- 74 **sp ex** Mt Olympus 332
- 75 **subulatum** pink 10cm 186
- 76 **'Warley Rose'** NOT TRUE FROM SEED rose-pink 20cm 186
- 78 **Agapanthus** inapertus ssp intermedius 109
- 79 **sp** white 130
- 80 **Agastache** aurantiaca orange-yellow 60cm 294
- 81 **aurantiaca** 'Shades of Orange' yellow to orange 60cm 230
- 82 **barberi** rosy pink 60-90cm 316
- 83 **cana** rose purple 50-60cm 247
- 84 **hybrid-root** beer scented leaves blue 40cm 102
- 85 **mearnsii** rosy-lavender 60cm 316
- 86 **mexicana** rose 60cm 162
- 87 **pallidiflora** ssp neomexicana lavender 45-55cm 316
- 88 **pringlei** lavender 50cm 280
- 89 **rugosa** 'Golden Jubilee' blue-purple/chartreuse lvs 100cm 130 282
- 90 **rupestris** orange 80cm 155 316
- 91 **sp.** pink 76cm 197
- 92 **Ageratina** occidentalis pink 25cm 140
- 93 **Agrostemma** githago pink/purple 1m 243
- 94 **Albuca** humilis white 20cm >
- 95 **shawii** yellow 30-45cm >
- 96 **sp.** yellow 29
- 97 **Alcea** 'Fiesta Time' red/white 120cm 277
- 98 **rugosa** pale yellow 1- 1.5 m 122 134
- 99 **Alkanna** graeca yellow 20cm 209
- 100 **Allium** abramsii rose-purple 6-15cm 23
- 101 **atropurpureum** wild form LT/33 purple 20cm 125
- 102 **brevistylum** ex Wayne Co., UT rose to 15cm 150
- 103 **caeruleum** blue 40cm >
- 104 **carinatum** ssp pulchellum pink 40cm 62 133 345
- 105 **carinatum** ssp pulchellum purple 40cm 214
- 106 **carinatum** ssp pulchellum f album white 30cm 24 335 355
- 107 **carolinianum** purplish pink 60cm 242
- 108 **cernuum** blue 25cm 21
- 109 **cernuum** mix 30-45cm >
- 110 **cernuum** pink 30cm 55 282
- 111 **cernuum** purple 25cm 199
- 112 **cernuum** white 10-50cm 251

**Garden Collected**

**Allium-Androsace****Garden Collected**

- 113 **Allium** commutatum 50cm 124  
114 crispum rose-purple 15-35cm 23  
115 cristophii lilac 60cm >  
116 cuthbertii pink 45cm 255  
117 cyaneum blue 15cm 217  
118 cyathophorum v farreri wine 30cm >  
119 daghestanicum pink 15cm 214  
120 dichlamydeum ex JCA lilac 10cm 125  
121 erocitinum (nv) 115  
122 falcifolium purple 12cm 214 271  
123 'Firmament' purple 120cm 3  
124 fistulosum white to 80cm 248  
125 flavum yellow 8-30cm >  
126 flavum ssp tauricum mix 260 261  
127 flavum ssp tauricum yellow 30cm 112  
128 flavum v minus yellow 15cm 152  
129 giganteum purple 150cm 189  
130 govanianum white 90cm 45  
131 haematochiton white-rose 10-40cm 23  
132 heldreichii pink 25cm 23  
133 heldreichii ex MESE 336 rose-purple 20cm 125  
134 hollandicum purple 80-150cm 130  
135 hollandicum 'Purple Sensation' purple 75cm 349  
136 hyalinum white 15cm 16 68 312  
137 hymenorrhizum purple 60cm 41  
138 karataviense mix 30cm 355  
139 karataviense pink 25cm 47  
140 karataviense 'Ivory Queen' white 30cm 121 130  
141 kharputense wht/rose 30cm 125  
142 maackii rose 40cm 242  
143 mairei v amabile deep pink 10-12cm 157 206  
144 meteoricum pink 15cm 335  
145 moly yellow 20cm 12 116  
146 narcissiflorum white-pink 20-30cm 201  
147 narcissiflorum dark form purple 20cm 157  
148 neapolitanum Cowanii Group 15-25cm 16  
149 nigrum black-violet 80cm 133  
150 nutans pink 30-60cm 214  
151 obliquum chartreuse 50cm 299  
152 oreophilum deep pink 12.5cm 141  
153 perdulce pink 10 cm 91 340  
154 perdulce white 12cm 231  
155 przewalskianum violet 15cm 22 320  
156 pyrenaicum ex Spain white, green midrib  
100cm 242  
157 ramosum white 24-50cm 96  
158 roseum pink 10-60cm 130 363  
159 saxatile mix 20-40cm 190 300  
160 schubertii mix 40cm 45 108  
161 senescens lavender 40cm 275 300  
162 sp dark blue 12.5cm 156  
163 sp white/pink 25cm 61  
164 sp ex Rila Mts white 20cm 115  
165 sphaerocephalon pink/purple to90cm 335  
166 sphaerocephalon ex Central Italy purple-red  
45cm 266  
167 splendens rose-purple 25-40cm 83  
168 subvillosum white 40cm 190  
169 tanguticum purple/blue 20cm 130  
170 texanum white 45-75cm 312  
171 tuberosum white 50cm >  
172 tuberosum ex Siberia white 50cm 31  
173 uniflorum rose 20-35cm 260  
174 unifolium pink 30cm 247  
175 **Allium** ursinum 20cm 353  
176 victorialis white 30-60cm 319  
177 wallichii var wallichi ex YunnanChina 96CSC461  
maroon 60cm 359  
178 zebdanense white 30-60 cm 24 206  
179 **Aloe** brevifolia red 9cm 98  
180 **Aloinopsis** spathulata pink 4cm 150  
181 **Alopecurus** lanatus 20cm 211  
182 **Alophia** drummondii blue-purple 15-30cm 82  
183 **Alstroemeria** aurea yellow 40cm 83  
184 garaventae pink 8-25cm 219  
185 ligtu hybrid salmon-pink 1m 103  
186 ligtu hybrids mix 60cm 210  
187 peregrina 30cm 107  
188 **Alyssoides** utriculata yellow 20-35cm >  
189 **Alyssum** aizoides yellow 5cm 269  
190 caespitosum yellow 10cm 124  
191 montanum yellow 5cm 247  
192 spinosum pink to 30cm 25 180  
193 spinosum 'Roseum' pink 15cm 340  
194 stribrnyi yellow/silver foliage 15cm 97  
195 tortuosum yellow 10cm 180  
196 wulfenianum yellow 30cm 239 304  
197 **Ampelopsis** glandulosa v brevipedunculata 243  
198 **Amsonia** jonesii pale blue 45cm 150  
199 tabernaemontana blue 90cm 333  
200 **Anacampteros** densifolia 152  
201 miniatura 152  
202 rufescens pink 10cm 260  
203 rufescens ex Joubert's Pass, E Cape 336  
204 **Anacyclus** pyrethrum v depressus white 4cm 7  
205 **Anagallis** monellii blue 10cm 3 204  
206 **Anaphalis** alpicola red 5cm 114  
207 alpicola white 10cm 124  
208 **Anchusa** sp blue 15cm 232  
209 **Androsace** albana mix 10-20 cm >  
210 barbulate white/yellow eye 3cm 213  
211 brevis 157  
212 bulleyana red 15cm 35 68  
213 carnea pink 5cm >  
214 carnea ssp brigantiaca white 5cm >  
215 carnea v halleri white 10 cm >  
216 chaixii red/pink 5cm 35  
217 cylindrica white 5cm 35 119 184  
218 cylindrica 'Val d'Ossue' 206  
219 cylindrica x hirtella 31 35 210  
220 cylindrica x hirtella ENF Strain larger flowers 31  
221 hausmannii 226  
222 himalaica white 5cm 129  
223 hirtella white 3cm 35 67 245  
224 hirtella hybrid 67  
225 hirtella x cylindrica 35  
226 lactea white 10cm 164 186 252  
(laevigata > See *Douglasia laevigata*)  
227 mathildae white 4cm 114 159 186  
228 'Millstream' pink 10cm 7 257 332  
(montana > see *Douglasia montana*)  
229 obtusifolia white to 30cm 60  
230 pubescens white 3cm 143 206  
231 pyrenaica white 1cm 31 219  
232 salicifolia white 10-15cm 24 54 290  
233 septentrionalis white 10cm 307 340  
234 septentrionalis 'Stardust' white 10cm 7  
235 spinulifera white 15cm 346

**Garden Collected**

**Garden Collected**

- 236 **Androsace** vandellii white 6cm 35 117 184  
 237 villosa white 4cm 252 336  
 238 villosa v arachnoidea white 4cm 65  
 239 **Andryala** agardhii yellow to 15cm >  
 240 **Anemone** altaica white 20cm 83 307  
 241 baldensis white 40cm >  
 242 barbulata white 50cm 4  
 243 canadensis white 60cm 35  
 244 caucasica sulphurea (nv) yellow 10cm 19  
 245 coronaria red 30cm 220  
 246 coronaria De Caen Group 130  
 247 crinita white 20cm 115  
 248 decapetala white 15cm 130  
 249 demissa white 35cm 307  
 250 drummondii white 12cm 35 54 307  
 251 elongata ex China white 60cm 106  
 252 hortensis lilac 10cm 35 124  
 253 hupehensis v japonica lt violet 60cm 213  
 254 hupehensis v japonica pink 75cm 24  
 255 lesseri (x) mix 157  
 256 leveillei white 40cm 109 173 219  
 257 magellanica light yellow 30cm >  
 258 multifida mix 30cm 14 34 179  
 259 multifida 'Major' cream 25cm 277  
 260 multifida 'Rubra' 25cm 214  
 261 multifida v globosa red 25cm 149 258 259  
 262 multifida v tetonensis red 10-20cm 97  
 263 narcissiflora white 40cm 192 320  
 264 narcissiflora ssp biarmiensis white 20cm 149  
 265 obtusiloba blue 20-30cm 361  
 266 obtusiloba f patula blue 10cm 10  
 267 palmata yellow 15cm 31 220 226  
 268 parviflora white 25cm 54 212  
 269 pavonina mauve 15cm 363  
 270 pavonina mix 15cm 4  
 271 pavonina red 15cm 31 124  
 272 rivularis white/blue reverse 60cm >  
 273 sp white 1m 279  
 274 sp yellow 18cm 70  
 275 sylvestris white 30cm >  
 276 sylvestris 'Grandiflora' white 15cm 133  
 277 trullifolia mix 15cm 35  
 278 trullifolia alba 35  
 279 trullifolia Pradesh form x obtusiloba 35  
 280 virginiana cream 50cm 191  
 281 virginiana v alba 354  
 282 **Anemonella** thalictroides 'Amelia' pink  
 10cm 173  
 283 thalictroides semi-double pink 35  
 284 thalictroides semi-double white 35  
 285 **Anemonopsis** macrophylla pale mauve/white  
 80 cm 45 61 130  
 286 **Angelica** archangelica ssp archangelica  
 150cm 166  
 287 gigas purple 90-120 cm >  
 288 heterocarpa 200cm 166  
 289 hispanica 236  
 290 pachycarpa green 70cm 109 347  
 291 **Anisodonteia** julii pink 1.5 m 109  
 292 **Anomatheca** laxa blue to 30cm 162 355  
 293 laxa mix 20cm >  
 294 laxa red 15cm 169 265  
 295 laxa white/red eye 15cm 66  
 296 laxa 'Joan Evans' white/red eye 30cm 134 206 228

**Androsace-Aquilegia**

- 297 **Anomatheca** laxa v alba white 30cm 130 243 265  
 298 viridis green 40cm 130  
 299 **Antennaria** alpina white 10cm 3  
 300 carpatica cream-purple 15-20cm 90  
 301 dioica white 5-20cm 21 34 196  
 302 dioica 'Alex Duguid' 107  
 303 dioica 'Rubra' pink 6-15 cm >  
 304 howellii ssp neodioica white 10cm 349  
 305 rosea pink 20cm 280  
 306 umbrinella 15cm 182  
 307 **Anthemis** sancti-johannis orange 40cm 43 135  
 308 tinctoria yellow 90cm 349  
 309 **Anthericum** baeticum white 1m 44  
 310 liliago white 40-60cm >  
 311 liliago v major white 90cm 24 210  
 312 ramosum white 40cm >  
 313 **Anthriscus** sylvestris 'Ravenswing' white/black  
 foliage 70cm >  
 314 **Anthyllis** barba-jovis white 25cm 65  
 315 vulneraria pulchella orange/gold 20.5cm 366  
 316 vulneraria 'Rubra' red 15cm 59  
 317 vulneraria v coccinea carmine 7.5-30cm 336  
 318 **Antirrhinum** hispanicum white/pink 25cm 80  
 319 hispanicum ssp graniticum 140  
 320 hispanicum ssp hispanicum 164  
 321 **Aquilegia** 'Alchemists Mix' 30  
 322 alpina blue 15-80cm 24 218  
 323 'Apple Blossom' 30  
 324 **Aquilegia** atrata deep purple-violet to 80cm  
 24 219  
 325 aurea deep yellow 10-40cm 25 249  
 326 'Ballerina' 30  
 327 barnebyi pink-yellow 30-38 cm 24  
 328 bertolonii blue 10cm >  
 329 'Blue Berry' (ex) 110 111  
 330 buergeriana purple/yellow 30-60cm 28 244 327  
 331 buergeriana 'Calimero' purple/yellow 8-10cm  
 48 58 104  
 332 'Burnished Rose' 30  
 333 caerulea blue/white to 60cm 260  
 334 canadensis red/yellow 50cm >  
 335 canadensis 'Nana' red/yellow 25cm 59 260  
 336 chaplinei yellow 40cm 175  
 337 chrysantha yellow 60cm 163 214 306  
 338 chrysantha 'Floro pleno' 30  
 339 colchica blue/white 20-30cm 252  
 340 'Cottage Garden Mix' 121  
 341 dinarica blue 195  
 342 discolor blue/white 15cm >  
 343 'Dove' white 45cm 282  
 344 ecalcarata red-purple 20cm >  
 345 einseleana blue 10cm 33 252  
 346 flabellata blue 20-50cm >  
 347 flabellata blue/white 15cm 35 157 346  
 348 flabellata Cameo Series pink/white 15cm 327  
 349 flabellata f alba white 25cm >  
 350 flabellata 'Ministar' 25-35 cm 64 149  
 351 flabellata nana v yezoense blue/white 10-12cm 24  
 352 flabellata v pumila blue-purple 10cm  
 115 193 267  
 353 flabellata v pumila mix 15 cm 311  
 354 flabellata v pumila f alba white 15cm >  
 355 flabellata v pumila f kurilensis mix 10cm 260  
 356 formosa red/yellow 30-60 cm 215

**Garden Collected**

**Aquilegia-Armeria****Garden Collected**

357	<b>Aquilegia</b> fragrans white 90cm 55 249 257	414	<b>Aralia</b> racemosa purple fruit 2m 319
358	'Honey Dew' 30	415	<b>Arctanthemum</b> arcticum 20cm 1
359	hybrid mixed 12	416	<b>Arctostaphylos</b> uva-ursi 182
360	hybrid pink 30cm 12	417	<b>Arctotis</b> fastuosa orange 50cm 140
361	jonesii blue 10-15cm 35 342	418	fastuosa white 50cm 140
362	jonesii hybrid 35	419	sp white 40cm 230
363	'Koralle' blue/white 60cm 55	420	<b>Arenaria</b> acerosa white 3cm 336
364	laramiensis white 20-30cm >	421	hookeri ssp desertorum 211
365	'Limefrost' 149	422	kingii white 10-20cm 150 194
366	longissima yellow to 1m 228	423	longifolia 30cm 319
367	ottonis ssp amaliae pale blue & white 20-30cm 118 260	424	norvegica white 5-18cm 346
368	oxysepala burgundy/gold 75cm 69	425	pseudacantholimon white 15cm 260
369	oxysepala v yabeana 45cm 172	426	pungens white 20cm 251
370	pyrenaica blue 18cm >	427	purpurascens pale purple 5-10cm 117
371	pyrenaica ssp cazorensis blue 15-25cm 260 360	428	tetraquetra ssp nevadensis white 3cm 251
372	rockii mauve 90cm >	429	tmolea white 7-10cm 65 252
373	saximontana blue 8cm >	430	<b>Argemone</b> polyanthemos white 30-60 cm 316
374	saximontana x jonesii 307 325	431	<b>Argyrobolium</b> zanonii yellow 260
375	scopulorum mix 24 117 310	432	<b>Arisaema</b> amurense green 30cm 5 58 286
376	sibirica blue 25-70cm 331	433	amurense ex South Sakhalin green 60cm 133
377	Songbird Series red 25-45cm 48	434	angustatum ex Korea CPC10.10.97.3 334
378	sp double pink 82	435	angustatum v peninsulae f variegatum 24
379	sp double white 40cm 136	436	brevipes 334
380	sp mix 161	437	candidissimum white/green 30cm 357
381	sp ex Bulgaria purple 30-40cm 241	438	ciliatum green/purple 90cm 209
382	viridiflora brown/green 40cm 59 331	439	ciliatum v liubaense 240
383	vulgaris blue 45 cm 345 351	440	consanguineum green/purple 60-100cm >
384	vulgaris double white 60cm 121	441	consanguineum 'Perfect Wave' bluish lvs w/ silver center 90cm 314
385	vulgaris double wine 134	442	dracontium green 70cm 14 335
386	vulgaris pale pastels 40-60cm 3	443	fargesii ex Yunnan RH101913 334
387	vulgaris pink 134	444	flavum yellow 45cm 5 82 130
388	vulgaris purple pink 50cm 276	445	flavum ssp abbreviatum yellow 50cm >
389	vulgaris 'Mellow Yellow' gold leaves/white flr 199	446	franchetianum 24
390	vulgaris v flore-pleno 'Dorothy Rose' double pink 40cm 282	447	heterophyllum green 1-1.5m 15 24 348
391	vulgaris v stellata mix 30 287	448	kishidae ex Honshu, Japan HC970636 silver- center lvs-(HP) 45cm 359
392	vulgaris v stellata pink & purple 60-65cm 207	449	ringens green/purple 60cm 91
393	vulgaris v stellata 'Black Barlow' deep red-black to 75cm 298	450	serratum v serratum green leaves 24
394	vulgaris v stellata 'Firewheel' 30	451	serratum v serratum white splashed lvs 24
395	vulgaris v stellata 'Green Apples' lime green 45cm 282	452	sikokianum purple-white 50cm 24 91 225
396	vulgaris v stellata 'Nora Barlow' pink/cream 76cm 332	453	sikokianum ex Shikoku, Japan HC970629 silver- center lvs (HP) 60cm 359
397	vulgaris v stellata 'Rose Barlow' pink 45cm 282	454	sp Chinese ex ChenYi 314
398	vulgaris v stellata 'Ruby Port' deep red 60cm 298	455	taiwanense 24 38
399	vulgaris Vervaeneana Group gold variegated lvs 60cm 130 282	456	tashiroi (white-splashed lvs) green-white 90cm 24
400	vulgaris 'William Guinness' 172	457	tortuosum 60cm 24 38 209
401	<b>Arabis</b> androsacea pink 10cm 246	458	triphyllum maroon & white stripe 45
402	blepharophylla pink 30cm >	459	triphyllum mix 60cm 130 179 319
403	blepharophylla 'Fruehlingszauber' rich pink 20cm 340	460	triphyllum white vein lvs 24
404	breweri pink to 20cm 260 321	461	triphyllum (dark flwr form) dark 60cm 314
405	bryoides white 2.5cm 65	462	triphyllum ssp stewardsonii brown/green 70cm 24
406	flaviflora yellow 10cm 239	463	triphyllum ssp triphyllum dark red stems 15
407	koehleri v stipitata pink 15cm 321	464	triphyllum ssp triphyllum (green stems) green/white 15
408	nordmanniana white 20cm 246	465	triphyllum ssp triphyllum 'Zebrinum' black/white 15 24
409	parishii 336	466	<b>Aristolochia</b> clematitis yellow 70-80cm 154
410	pumila white 5-15cm 188	467	fimbriata yellow trailing 321 329
411	sp white 5cm 156	468	<b>Armeria</b> alliacea white/pink 20cm 237 362
412	stelleri v japonica white 12.5cm 54	469	alpina pink 15cm 226
413	sturii (x) white 15cm 217	470	juniperifolia rose 10 cm >
		471	juniperifolia 'Alba' 7 cm 83

**Garden Collected**

**Garden Collected****Armeria-Baptisia**

- 472 **Armeria** juniperifolia 'Bevan's Variety' pink 531 **Aster** alpinus 'Happy End' 260  
 10cm 115 532 alpinus 'Pinkie' pink 25cm 200  
 473 maritima pink 20cm 48 533 alpinus 'Trimix' blue 20cm 48  
 474 maritima 'Alba' white 64 534 alpinus v albus 15cm 67  
 475 maritima 'Dusseldorfer Stolz' pink 15cm 48 172 535 alpinus v dolomiticus violet 15cm 143  
 476 maritima 'Rubrifolia' magenta 20 cm 7 20 536 amellus ex Solothern, Switzerland 226  
 477 pseudarmeria white 40cm 251 537 asteroides mauve 15cm 110 111  
 478 pungens white 20cm 237 538 coloradoensis (cf) pink 10-15cm 148  
 479 rumelica dark pink 15cm 365 539 coloradoensis pink 10cm >  
 480 sp rose-pink 5-18cm 12 145 540 coloradoensis ex Saguache, CO 336  
 481 sp white 10cm 145 541 dumosus violet 35cm 213  
 482 **Arnica** amplexicaulis 54 542 dumosus 'Palecek' (nv) white-yellow 15cm 213  
 483 angustifolia yellow 30cm 188 543 farreri pink 12cm 115 116  
 484 lessingii yellow 40cm 25 127 544 flaccidus violet 20cm 83 171  
 485 longifolia yellow 60 cm 210 545 himalaicus pink/blue 25 cm 1 24 259  
 486 montana yellow 25cm 70 159 546 likiangensis 260  
 487 rydbergii 115 547 liniariifolius lavender 30cm 306  
 488 **Artemisia** momiyamae White 60 cm 71 548 liniariifolius ex Cape Cod, MA lavender 15cm 344  
 489 pygmaea 336 549 macrophyllus lavender to 1m 6 226  
 490 **Arum** cyrenaicum purple 25cm 85 550 novi-belgii 'Alert' red-purple 30-40cm 45  
 491 dioscoridis v dioscoridis purple blotches 40cm 44 551 prenanthoides blue 60-90cm 191  
 492 elongatum maroon 25cm 5 552 pyrenaicus blue-purple 50cm 252  
 493 italicum pale yellow 40cm > 553 radula violet 1m 302  
 494 italicum ssp italicum 'Chameleon' gray & 554 sericeus 35cm 336  
 yellow/green 24 555 serpentimontanus aff. 260  
 495 italicum ssp italicum 'Marmoratum' pale yellow 556 shortii blue 1.2m 191  
 36cm > 557 sp ex Drakensberg Mts sky blue 15cm 143  
 496 maculatum green/purple 25-50cm 49 558 sp ex Tibet shrubby 1m 142  
 497 maculatum cloud-pattern leaves green/purple 559 spectabilis lavender 30-60cm 302  
 15-25cm 38 560 stracheyi mauve 15cm >  
 498 **Aruncus** aethusifolius cream 25cm 3 42 43 561 tataricus purple 70cm 71  
 499 aethusifolius ex Cheju Island, SKorea HC970263 562 **Astilbe** chinensis v pumila ex Cheri-san, SKorea  
 30-60cm 359 HC970423 pink 30-40cm 359  
 500 **Asarina** procumbens cream/yellow 10cm > 563 glaberrima v saxatilis pink 5cm 34 340  
 501 **Asarum** caudatum 10cm 130 564 **Astragalus** desperatus v desperatus violet  
 502 europaeum purple 12cm 224 6cm 150  
 503 **Asclepias** exaltata white/tan 60cm 329 565 exscapus yellow 30cm 4  
 504 fascicularis pink 80cm 197 566 glycyphyllos white/lilac 25cm 353  
 505 incarnata pink to 1.3m 275 567 mollissimus rose 18cm 353  
 506 incarnata 'Alba' white 90cm 229 305 568 roemeri 70cm 191  
 507 incarnata 'Cinderella' 358 569 schelichowii 331  
 508 lanceolata red 100cm 255 570 utahensis pink/purple 5-8cm 100  
 509 purpurascens purple 1m 5 349 571 **Astrantia** carniolica white/red 40cm 59  
 510 speciosa pink to 1m 349 572 'Hadspen Blood' red 45cm 58  
 511 tuberosa orange 60cm > 573 major mix 60cm 134 301  
 512 tuberosa 'Hello Yellow' yellow 50-60cm 86 574 major white 60-80 cm 220  
 513 verticillata white 70cm 316 575 major 'Rubra' red 30-45cm 171 230 320  
 514 **Asperula** cynanchica white/pink 15-30cm 90 576 major ssp involucreta 'Barrister' pink 45cm 58  
 515 nitida ssp hirtella pale pink 20cm 260 577 major ssp involucreta 'Shaggy' white 75cm 38  
 516 **Asphodeline** damascena white/pink 60cm 247 578 maxima pink 40-60cm 38  
 517 liburnica yellow to 60cm 140 220 579 **Asyneuma** limonifolium blue 10-15cm 70  
 518 lutea yellow to 120cm 55 140 299 580 **Athamanta** turbith 50cm 319  
 519 **Asphodelus** acaulis white 20cm 124 581 turbith ssp haynaldii 190  
 520 aestivus white 80cm 147 212 582 **Athyrium** filix-femina 'Victoriae' 30cm 3  
 521 albus white to 1m 108 220 583 niponicum v pictum 60cm 3  
 522 ramosus white 120cm 140 584 **Aubrieta** canescens ssp cilicica blue 10cm 252  
 523 **Aster** alpinus ssp andersonii purple 260 585 gracilis lavender 7.5 cm 190  
 524 alpinus blue 15cm 80 586 gracilis ssp scardica 214  
 525 alpinus light pink 15cm 365 587 pinardii purple 15cm 252 336  
 526 alpinus lt purple 15cm 29 588 **Aurinia** saxatilis yellow 30cm 84 298 313  
 527 alpinus mix 30 cm > 589 **Azorina** vidalii pink 30-60cm 104  
 528 alpinus 'Dunkel Schone' blue 30cm 115 320 590 **Babiana** stricta mix 25cm 273  
 529 alpinus 'Fairylant' 1 591 **Baptisia** alba white 80cm 6  
 530 alpinus 'Goliath' 25cm 249 592 australis blue 80-100cm >

**Garden Collected**

**Baptisia-Campanula****Garden Collected**

- 593 **Baptisia** lactea cream to 2m 229  
594 sphaerocarpa yellow 1m 335  
595 **Barleria** obtusa blue 1m 162  
596 **Beesia** deltophylla white 30-40 cm >  
597 **Begonia** grandis ssp evansiana pink 1m 45  
598 **Belamcanda** chinensis orange 60cm >  
599 **Bellevalia** dubia blue 20cm 13  
600 longistyla purple 20cm 23  
601 paradoxa blue-black 20cm 130  
602 romana white 20cm >  
603 webbiana deep purplish 30cm 31  
604 **Bellium** bellidioides white 12cm 99  
605 **Berberis** darwinii orange to 3m  
606 **Bergenia** cordifolia deep pink 60cm 12  
607 **Bergeranthus** jamesii yellow 6cm 150  
608 katbergensis yellow 6cm 150  
609 **Berlandiera** lyrata yellow 35cm 36  
610 **Betula** nigra 'Little King' 3m 347  
611 **Billardiera** longiflora purple fruit to 2m 61  
612 **Biscutella** frutescens yellow 30-50cm 246  
613 **Blechnum** australe 30-40 cm 204  
614 chilense 1m 61  
615 nipponicum 15cm 348  
616 **Bloomeria** crocea yellow 25-45cm 75 265  
617 **Bomarea** edulis 2m 108  
618 **Borago** officinalis blue to 60cm 189 305  
619 **Bouteloua** curtipendula 80cm 316 362  
620 **Boykinia** aconitifolia white 60cm 249  
621 **Bracteantha** bracteata shrubby form golden  
80cm 140  
622 **Brimeura** amethystina pale blue 20cm 219  
623 amethystina 'Alba' 15 cm 34 335  
(*Bruckenthalia spiculifolia* > see *Erica spiculifolia*)  
624 **Brunnera** macrophylla blue to 50cm 266  
625 **Bukiniczia** cabulica white/mottled leaves  
8cm 124 139 336  
626 **Bulbine** frutescens yellow 30cm 130  
627 **Bulbinella** hookeri yellow 30cm 131 172  
628 **Bulbinopsis** bulbosa yellow 20cm 299  
629 **Buphthalmum** salicifolium yellow 75cm 189  
630 **Bupleurum** aureum 60cm 336  
631 fruticosum yellow to 3m 140 216 289  
632 longifolium 'Copper' (nv) copper 45cm 37  
633 ranunculoides yellow 60cm 19  
634 rotundifolium yellow to 60cm 11 189  
635 spinosum yellow 25cm 124  
636 **Bursaria** spinosa 247  
637 **Cacalia** alliariae violet 150cm 192  
638 delphiniifolia 45  
639 glabra violet 50cm 192  
640 **Calandrinia** colchaguensis pink 3cm 245  
641 gilliesii pink 4cm 245  
642 grandiflora magenta 50 cm 15 162 316  
643 sericea lilac 5cm 235  
644 sericea pink 5-15 cm 245  
645 sp G&K 4698 orange 10cm 152 260  
646 umbellata red 10-15cm 124 152 215  
647 umbellata yellow 4cm 245  
648 **Calceolaria** biflora yellow 8cm 70 165  
649 falklandica yellow 15cm 332 352  
650 fothergillii 35  
651 'Goldcrest' yellow 7cm 173  
652 mexicana yellow 20-50cm 11 230 322  
653 uniflora orange/yellow 10cm 263  
654 **Callianthemum** anemonoides pink 10cm 19  
655 kernerianum 10cm 35  
656 kernerianum Mt Baldo Form 35  
657 **Callirhoe** involucrata magenta 15cm >  
658 **Callistemon** hardy hybrid ruby 2m 102  
659 **Calochortus** albus (Sierra Form) 75  
660 amoenus pink 50cm 23 152  
661 luteus compact form 20cm 152  
662 luteus 'Golden Orb' 336  
663 simulans white to 60cm 75  
664 splendens lavender 45cm 265  
665 splendens pale pink 30 cm 152  
666 superbus yellow to 75cm 140  
667 uniflorus pink 20cm 265  
668 venustus mix 15-50cm 75  
669 venustus red 75  
670 venustus white 50cm 265  
671 **Caloscordum** neriniflorum pink 30cm 299  
672 **Caltha** leptosepala white 30cm 127 320 330  
673 palustris v radicans white 35  
674 **Calydorea** pallens light blue 25cm 162  
675 **Camassia** leichtlinii blue 204  
676 leichtlinii 'Alba' white to 130cm 31 55 148  
677 quamash blue 90 cm 247 318  
678 **Camissonia** cheiranthifolia 215  
679 **Campanula** alliariifolia white to 60cm  
148 218 229  
680 allionii blue 10cm 252  
681 alpestris blue 7-15cm 74  
682 alpina blue 15cm 29  
683 argyrotricha blue to 20cm 145  
684 aucheri violet 20cm 64 150 211  
685 autraniana 260  
686 barbata lavender blue to 50cm >  
687 bellidifolia blue 8-15cm 19 64  
688 betulifolia white/pink 10cm 19  
689 bononiensis blue to 90cm 189  
690 carpatica blue 20cm >  
691 carpatica f alba white 239  
692 carpatica 'Thor Pedo' double blue 20cm 24  
693 carpatica v turbinata violet 5 cm 25  
694 chamissonis blue 10cm 46  
695 choruhensis white/pink 20 cm 117 260  
696 choruhensis select form rose 35  
697 cochleariifolia light blue 10cm 252  
698 dolomitica white 20-23cm 107  
699 dolomitica white 35-45cm 172  
700 formanekiana white 7 cm 54 336  
701 glomerata blue 35cm 59  
702 glomerata blue 60-100 cm 49 350  
703 grossekii violet to 80cm 109 140 169  
704 grossheimi blue 30 cm 143  
705 incurva blue 10-30cm >  
706 khasiana blue 80cm 172  
707 latifolia mix 75-100cm 35 173  
708 latifolia 'Alba' white 1.2 m 237  
709 ledebouriana blue 20cm 19  
710 pendula 172  
711 persicifolia blue to 70cm 229  
712 persicifolia mix to 70cm >  
713 persicifolia v planiflora blue 18cm 173  
714 persicifolia v planiflora f alba white 20cm 173  
715 petrophila blue 13cm 19  
716 primulifolia blue-purple to 90cm 145 189

**Garden Collected**

**Garden Collected**

- 717 **Campanula** punctata pink 30cm 229  
 718 punctata white 30cm 229  
 719 punctata f rubriflora russet 50-70cm 354  
 720 pyramidalis blue to 150cm 189  
 721 raineri hybrid blue 20cm 34  
 722 ramosissima blue 30 cm 336  
 723 rotundifolia blue 30cm 313  
 724 rotundifolia v alba 20cm 59  
 725 rotundifolia v arctica purple 15cm 97  
 726 sarmatica gray blue to 50cm 291 327  
 727 sartorii mix 24 117  
 728 sartorii white 3-6cm 204 252 321  
 729 saxifraga blue 15cm 25 97 260  
 730 saxifraga ex Turkey 164  
 731 saxifraga (very dwarf) blue 336  
 732 speciosa blue 30cm 252 318  
 733 sphaerocarpa blue 30cm 291  
 734 thyrsoides pale yellow to 70cm 140 164  
 735 trachelium blue 1m 130 140  
 736 trachelium v alba white 1.5m 237  
 737 tridentata blue 10cm 19  
 738 troegerae white 20 cm 260  
 739 **Canna** flaccida yellow 60 cm 255  
 740 **Cardamine** pentaphylla purple 35cm 121  
 741 pratensis violet 30cm 29  
 742 **Cardiocrinum** cathayanum 240  
 743 cordatum white 1.5m 35  
 744 giganteum white 2 m >  
 745 **Carduncellus** mitissimus blue 7cm 124  
 746 mitissimus white 10cm 220  
 747 rhapsodicoides 118  
 748 **Carex** buchananii brown leaves 40cm 217  
 749 comans green 20-60cm 251  
 750 dallii brown 20cm 251  
 751 muskingumensis green 40cm 217  
 752 ovalis 182  
 753 pendula 75 cm 315 348  
 754 pulicaris 182  
 755 **Carlina** acaulis white/yellow 15cm 365  
 756 corymbosa gold 30-60cm 236  
 757 **Carmichaelia** enysii violet 25cm 260  
 758 **Caryopteris** divaricata blue 1m 45  
 759 **Cassinia** leptophylla ssp vauvilliersii 247  
 760 **Castilleja** integra red 20-30 cm 26  
 761 miniata red 30cm 151  
 762 **Caulophyllum** thalictroides yellow-green flr/  
 blue fruit 30-75cm 314  
 763 **Cautleya** gracilis yellow 80cm 324  
 764 spicata 'Robusta' 240  
 765 **Ceanothus** americanus white 0.5-1m 112  
 766 thyrsoiflorus (soak seed in hot water) purple  
 150-180cm 216  
 767 **Celmisia** coriacea 45cm 107  
 768 incana white 20 cm 35  
 769 lyallii white 20cm 29  
 770 monroi 40cm 35  
 771 semicordata white 20cm 29 35 107  
 772 sericophylla white 15-20cm 77  
 773 traversii white 30cm 35  
 774 **Centaurea** dealbata pink to 1m 189  
 775 drabifolia yellow 5cm 150  
 776 drabifolia ssp dentarosa 24  
 777 jacea pink 80cm 189  
 778 montana blue to 80cm 189

**Campanula-Clematis**

- 779 **Centaurea** pulcherrima pink 30cm 159  
 780 scabiosa 234  
 781 simplicicaulis pink 25cm 118  
 782 simplicicaulis white 15cm 180  
 783 **Centaureum** confertum rose-pink 10cm 24 215  
 784 scilloides pink 5cm 121  
 785 **Cephalophora** aromatica yellow 40cm 247  
 786 **Cephalaria** alpina 45cm 130  
 787 dipsacoides soft yellow to 2m 240  
 788 gigantea cream-yellow 2m 167 202  
 789 **Cerastium** alpinum v lanatum white 5cm 24 90 124  
 790 candidissimum white/silver foliage 10 cm 304  
 791 sp 149  
 792 tomentosum white to 15cm 349  
 793 **Cercis** siliquastrum purple-rose 5m 108  
 794 **Cercocarpus** ledifolius 150  
 795 **Cerithe** major blue 35cm 204  
 796 major 'Purpurascens' purple to 70cm 8 139 189  
 797 minor yellow 30-40cm 335  
 798 **Chaenactis** douglasii white 15cm 194  
 799 **Chaenomeles** japonica 'Sargentii' 90cm 190  
 800 **Chaenorrhinum** glareosum 150 211  
 801 origanifolium violet 15cm 52 150  
 802 **Chasmanthium** latifolium to 1m 305 329  
 803 **Chasmatophyllum** musculinum 293  
 804 **Cheilanthes** siliquosa 12cm 204  
 805 **Chelonopsis** yagiharana purple-pink 30-60cm 45  
 806 **Chenopodium** foliosum green/red fruit 30cm 243  
 807 **Chiastophyllum** oppositifolium yellow 10cm >  
 808 **Chionanthus** virginicus white 3m 193  
 809 **Chionodoxa** luciliae 15cm 117  
 810 **Chloranthus** fortunei 126  
 811 **Chrysanthemum** weyrichii 15cm 1  
 812 **Chrysopsis** mariana yellow 45cm 335  
 813 **Cirsium** esculentum (nv) 260  
 814 **Cistus** albidus pink 50cm 124  
 815 creticus ssp incanus rose-purple 100cm 269  
 816 crispus ex Portugal pink 30cm 116  
 817 ladanifer v sulcatus 1.5m 67  
 818 laurifolius white 1.2m 200  
 819 populifolius white 1.5-2m 140  
 820 salviifolius white 30cm 237  
 821 sintenisii white 25cm 24 235  
 822 **Cladrastis** kentuckea 'Perkins Pink' pink to 15m 335  
 823 **Clarkia** arcuata 97  
 824 bottae pink 40 cm 140  
 825 pulchella 50cm 284  
 826 tenella deep red 12cm 140  
 827 **Cleistocactus** strausii red 1m 98  
 828 **Clematis** addisonii purple to 1m 342  
 829 addisonii rose 70cm 15 286  
 830 albicoma white 30cm 122  
 831 'Alionushka' pink 120-180cm 45  
 832 alpina blue 3m 7 81  
 833 alpina 'Ruby' 149  
 834 alpina 'Willy' 307  
 835 'Betty Corning' 3  
 836 campaniflora pale mauve 3m 240 348  
 837 campaniflora white/violet 6m 134  
 838 'Candida' white 3  
 839 chiisanensis lt yellow/red base 3m 24 218  
 840 chiisanensis soft yellow 3m 286  
 841 columbiana v tenuiloba dark purple 25-30cm  
 267 286 321

**Garden Collected**

**Clematis-Crepis****Garden Collected**

- 842 **Clematis** *crispa* pale mauve 2.4m 154 218  
843 'Early Sensation' white 3m 185  
844 *fremontii* blue 63 286  
845 *fusca* violet 3-4 m 69  
846 *grata* 138  
847 *heracleifolia* 90-120 cm 45  
848 *hirsutissima* blue 50 cm >  
849 *hirsutissima* v *scottii* 286 306  
850 *ianthina* purplish brown 2m 366  
851 *integrifolia* blue to 40 cm 60 286  
852 *integrifolia* 'Alba' white to 1m 218  
853 *integrifolia* Lake Baikal Form blue-purple 60cm  
15 280 286  
854 *integrifolia* 'Purpurea' (nv) blue flr/purple lvs  
in spring 1m 366  
855 *koreana* f *lutea* pale yellow 2 m 154 218  
856 'Little Nell' 134  
857 *macropetala* blue 2.5m 366  
858 *macropetala* white 2.5m 366  
859 *mandschurica* white 3 m 243  
860 *marmoraria* cream 70cm 68 97  
861 'Minuet' 134  
862 *occidentalis* v *occidentalis* red-violet 2.5-3.5m 179  
863 *ochroleuca* creamy yellow to 60cm >  
864 *patens* white 3.5m 244  
865 *pitcheri* deep pink 3m 340  
866 *pitcheri* purple 2m 275  
867 *potaninii* white 3m 366  
868 *potaninii* v *potaninii* 80  
869 'Princess Diana' deep pink 3m 169  
870 *recta* white 1-2m 66 276  
871 *recta* 'Purpurea' white 1m >  
872 'Rooguchi' blue 2 m + 3 229  
873 *serratifolia* 'Kugotia' yellow 2.5m 24  
874 *sibirica* var *tianshanica* white 2 m 218  
875 *stans* 90 cm 130  
876 *tangutica* yellow to 3m 169  
877 *terniflora* white 1.5-3m 277  
878 *texensis* red 2m 286 366  
879 *texensis* (cf) ex Alabama red-purple 2m 314  
880 *versicolor* pink-white 2m 122 139  
881 *versicolor* purple 2m 285 286  
882 *versicolor* (possibly x *texensis*) pink-white  
2m 139  
883 *viorna* violet/purple 3m 62 286 366  
884 *viticella* purple 3.5m 103  
885 **Cleome** *hassleriana* violet & pink 180cm 272  
886 **Clintonia** *andrewsiana* red 45cm 55  
887 *borealis* yellow/blue fruit 30cm 179  
888 **Codonopsis** *bhutanica* dark violet 15-20cm 130  
889 *clematidea* blue to 80cm >  
890 *convolvulacea* blue to 3cm 156  
891 *forrestii* blue 2m 163  
892 *grey-wilsonii* blue/white to 3m 35 291 353  
893 *grey-wilsonii* 'Himal Snow' white 35  
894 *lanceolata* 5  
895 *lanceolata* ex HC970537 Chiba Pref, Japan  
blue-violet 180cm 344  
896 *meleagris* blue 25cm 130  
897 *mollis* (cf) violet-blue/bell-shape/no star 2m 201  
898 *ovata* blue 30cm 35 210  
899 *pilosula* yellow/green-purple 1.5m >  
900 sp ex ACE 1625 35  
901 sp ex Nepal Coll 35  
902 **Codonopsis** *tangshen* yellow/green 30cm 353  
903 *ussuriensis* purple 60cm 353  
904 **Colchicum** *atropurpureum* magenta 10cm 92  
905 *bivonae* violet-checked 20cm 23  
906 *corsicum* pink 8-15cm 219  
907 *luteum* 30cm 5  
908 *macrophyllum* lilac-purple 50cm 23 203  
909 *speciosum* 'Atrorubens' red-purple 18-25cm 31  
910 *turcicum* ex Istanbul, Turkey lilac  
15cm 93  
911 **Collinsia** *heterophylla* purple/white 30-60cm 68  
912 **Collomia** *debilis* v *debilis* blue 2.5-12cm 152  
913 *grandiflora* ex ID 336  
914 **Coluria** *geoides* yellow 18cm 1  
915 **Colutea** *arborescens* brown-yellow 1-2m 289  
916 *buhsei* 289  
917 **Commelina** *communis* f *aureostriata* blue  
w/cream-striped lvs 20-30cm 61  
918 *dianthifolia* blue 25-60cm 249 308  
919 *tuberosa* Coelestis Group blue 30cm 335  
920 **Convallaria** *majalis* white 20cm 3 49 66  
921 **Convolvulus** *cneorum* pale pink-white  
10-50cm 178  
922 *compactus* 194  
923 **Coreopsis** *auriculata* 'Nana' yellow-orange 15cm 28  
924 *grandiflora* yellow 20-40cm 48  
925 *grandiflora* 'Minima' yellow 20cm 213  
926 *lanceolata* yellow 90cm 349  
927 *lanceolata* 'Sterntaler' yellow/red 40cm 43  
928 *pubescens* yellow 30cm 122  
929 *verticillata* 'Zagreb' 60cm 34  
930 **Cornus** *kousa* v *chinensis* 6m 227  
931 *mas* 'Aurea' 8m 38 335  
932 **Corokia** *cotoneaster* 3m 289  
933 *cotoneaster* 'Little Prince' yellow 1m 10  
934 **Coronilla** *orientalis* yellow 25cm 289  
935 *scorpioides* 5cm 220  
936 *securidaca* yellow 10-50cm 220  
937 *vaginalis* yellow 5-10cm 194  
938 *valentina* ssp *glauca* yellow 50cm 124 289  
939 **Cortusa** *matthioli* purple-violet to 35cm 295  
940 *matthioli* 'Alba' white to 25cm 159 182  
941 *turkestanica* purple 30cm 320  
942 **Corydalis** *angustifolia* white 15cm 231  
943 *bracteata* 118  
944 *cheilanthifolia* cream-yellow 20-25cm 59  
945 *heterocarpa* yellow 24  
946 *linstowiana* mix 15-20cm 325  
947 *lutea* 'Alba' 7  
948 *magadanica* whitish yellow 30cm 277  
949 *malkensis* white 10cm 336  
950 *nobilis* 45 cm 118  
951 *ochroleuca* white/yellow 40cm 92  
952 *ophiocarpa* light yellow 70cm 101 354  
953 *sempervirens* pink/yellow to 60 cm 101 352  
954 *solida* f *transsylvanica* pink 15cm 46  
955 *solida* ssp *solida* 'George Baker' red 20cm 118  
956 *taliensis* 52  
957 *wilsonii* yellow/glaucous leaf 15-30cm 219  
958 **Cotoneaster** *conspicuus* white 1.5-3m 12  
959 *horizontalis* 12  
960 **Cremanthodium** *lineare* 45  
961 **Crepis** *aurea* yellow to 25 cm >  
962 *incana* pink 15cm 130

**Garden Collected**



**Garden Collected**

- 963 **Crepis** pygmaea yellow 10cm 143  
 964 **Crocsmia** 'Lucifer' red 70cm 134 210  
 965 sp zone 5 hardy orange/red 80cm 3  
 966 **Crocus** asumaniae white 10cm 23  
 967 banaticus blue 10cm 158  
 968 baytopiorum 203  
 969 biflorus ssp pulchricolor indigo/yellow 23  
 970 boryi white 8cm 126  
 971 cancellatus ssp damascenus lilac 23  
 972 cartwrightianus lilac 7-10cm 23  
 973 goulimy lavender 6cm 23  
 974 hadriaticus 10 cm 23  
 975 kotschyanus light blue 10cm 158  
 976 kotschyanus v leucopharynx pink, white throat  
 10cm 219  
 977 longiflorus lilac 8cm 158  
 978 nudiflorus rose 15cm 59  
 979 pallasii 23  
 980 pulchellus pale-deep blue 12-20cm 31 59  
 981 reticulatus lilac-mauve 23  
 982 serotinus 181  
 983 sp (not sativus) 353  
 984 speciosus violet-blue 8 cm 23  
 985 thomasii lilac/autumn 23  
 986 tommasinianus v roseus lilac 15cm 187  
 987 **Cryptotaenia** japonica white to 60cm 349  
 988 japonica f atropurpurea pink/purple leaves  
 to 60cm 349  
 989 **Cyananthus** flavus yellow 15-20cm 159  
 990 sp deep blue 8cm 219  
 991 **Cyclamen** africanum mix 18cm 109 334  
 992 africanum pink 12cm >  
 993 balearicum mix 10cm 106 147  
 994 balearicum white 10cm 269  
 995 cilicium pink 10cm >  
 996 cilicium ex Icel, Turkey 334  
 997 cilicium (extra large flowers) 334  
 998 coum dark magenta 6cm 154  
 999 coum mix 10cm 154 295 296  
 1000 coum white 10cm 79  
 1001 coum f albissimum 67  
 1002 coum Hardy Z4 magenta 24  
 1003 coum 'Lake Effect' lrg white/pink blush nose  
 10cm 154  
 1004 coum 'Maurice Dryden' white 4 cm 24  
 1005 coum Pewter Group mix 10cm 204  
 1006 coum Pewter Group red 10cm 139  
 1007 coum selected patterns 334  
 1008 coum silver leaf mix 10cm 24 46 334  
 1009 coum silver leaf pink 154  
 1010 coum silver leaf white 10cm 154  
 1011 creticum white 10cm 106 334  
 1012 cyprium mix 93 296 334  
 1013 graecum dark pink 296  
 1014 graecum pink 10cm >  
 1015 graecum f album 334  
 1016 graecum pewter leaf form pink 10cm 154  
 1017 graecum ssp graecum pink 15cm 184 296  
 1018 hederifolium mix 10cm >  
 1019 hederifolium pink 15cm 355  
 1020 hederifolium white/pink 15cm 184  
 1021 hederifolium album white 10cm 67  
 1022 hederifolium long sagittate leaves 204  
 1023 hederifolium 'Lysander' 67

**Crepis-Daphne**

- 1024 **Cyclamen** hederifolium maple leaf form 204  
 1025 hederifolium 'Perlenteppich' 247  
 1026 hederifolium pewter arrow leaf 204  
 1027 hederifolium 'Silver Cloud' 296  
 1028 hederifolium (silver leaf) mix 15cm 24  
 1029 hederifolium (silver leaf) pink 15cm 154 334  
 1030 hederifolium (silver leaf) white 154  
 1031 hederifolium ssp confusum pink 203 247  
 1032 hederifolium (well-marked leaves) pink 154  
 1033 hederifolium (well-marked leaves) white 154  
 1034 hildebrandii (x) 334  
 1035 libanoticum pink 10cm >  
 1036 mirabile pink 10cm 269  
 1037 mirabile 'Tilebarn Nicholas' 203  
 1038 persicum mix 25 cm 355  
 1039 persicum white 184  
 1040 pseudibericum pink 10cm 203 334  
 1041 purpurascens dark pink 10 cm 24 203  
 1042 purpurascens purple 10cm 63  
 1043 purpurascens xmastree/with silver 24  
 1044 purpurascens (silver leaf) 24  
 1045 repandum mix 24 204  
 1046 rohlfianum pink 15 cm 126 334  
 1047 sp white & pink 5-10cm 181  
 1048 wellensiekii (x) 67  
 1049 **Cynara** baetica ssp maroccana violet/pink  
 45cm 271  
 1050 **Cynoglossum** amabile blue to 60cm 124  
 1051 creticum blue 30cm 140  
 1052 **Cypella** coelestis blue 45-90 cm 162 335  
 1053 herbertii yellow 50 cm 52  
 1054 **Cyripedium** parviflorum 314  
 1055 **Cyrtanthus** brachyscyphus orange/red 30cm 44  
 1056 breviflorus orange 82  
 1057 **Cytisophyllum** sessilifolium yellow  
 to 2m 220 235  
 1058 **Cytisus** battandieri 289  
 1059 **Dactylorhiza** maculata pink 15-60cm 236 294  
 1060 majalis magenta 25cm 159  
 1061 **Dahlia** coccinea red 80cm 130  
 1062 **Dalbergia** hupeana 142  
 1063 **Dalea** purpurea 14  
 1064 **Daphne** acutiloba 90cm 130  
 1065 albowiana yellow-green 75 cm 208  
 1066 alpina white 80cm >  
 1067 caucasica 1.5m 118  
 1068 domini pink 15 cm 24  
 1069 giraldii yellow 1m >  
 1070 kosaninii dark purple 20 cm 209  
 1071 laureola 1m 130  
 1072 laureola ssp philippi 60cm 118  
 1073 mahoniana (nv) 115  
 1074 mezereum dark red/purple 1.75m >  
 1075 mezereum mix 1.75m 267 320  
 1076 mezereum pink 40cm 365  
 1077 mezereum pink/purple 1.75m 12 319 353  
 1078 mezereum f alba 1m 5 320 353  
 1079 mezereum f alba 'Bowles' Variety' white  
 60-100cm 245  
 1080 oleoides white 30-90 cm 117  
 1081 penicillata 115  
 1082 penicillata JH9022 115  
 1083 pontica green/yellow 1m 118 130 209  
 1084 reichsteinii 87 118

**Garden Collected**

**Daphne-Dierama****Garden Collected**

1085	<b>Daphne</b> sp ex Altai Mts yellow 51cm 115	1150	<b>Dianthus</b> glacialis ssp gelidus pink 8cm 24
1086	tangutica white-pink 1.5 m 130 173	1151	glacialis ssp gelidus white 8-10cm 159
1087	tangutica grandiflora 115	1152	glacialis ssp Malnitz (nv) dark pink 8cm 19
1088	tangutica Retusa Group white 60cm >	1153	gracilis pink to40cm 336
1090	<b>Daucus</b> carota pink 90cm 349	1154	gratianopolitanus mixed doubles 147 345
1091	<b>Degenia</b> velebitica yellow 15cm >	1155	haematocalyx deep red 5 cm 25 260
1092	<b>Deinante</b> bifida white 50cm 24	1156	haematocalyx ssp pindicola pink/red 7cm 215 260
1093	bifida ex Honshu,Japan HC970678 60cm 359	1157	haematocalyx ssp pindicola ex AGS MESE 117
1094	caerulea blue 50cm 24 314	1158	haematocalyx ssp sibthorpii 117
1095	<b>Delosperma</b> ashtonii magenta 5cm 182 267	1159	'Inshriach Dazzler' 306
1096	cooperi (aff) ex J.Halda magenta 5-7cm 15	1160	japonicus Okhotsk Sea variant 44
1097	<b>Delphinium</b> Astolat Group lavender 200cm 282	1161	japonicus v albiflorus white 30-50cm 244
1098	beesianum blue 15cm 19	1162	knappii yellow 30 cm 300
1099	brunonianum blue to 20cm 257	1163	'La Bourboule' pink 6-8cm 50
1100	bulleyanum blue 1m 78 361	1164	leucophaeus v leucophaeus pink 15cm 33
1101	cashmerianum blue to 45cm 128	1165	'Little Jock' pink 260
1102	Connecticut Yankees Group white with blue spurs 345	1166	microlepis pink 10cm 64
1103	decorum 30cm 260	1167	microlepis ssp degenii pink 3 cm 260
1104	glareosum 20cm 54 206	1168	monspessulanus pink 25cm 254
1105	glaucum 50-75 cm 319	1169	monspessulanus white 20-40cm 230
1106	grandiflorum blue 20-60cm 178	1170	monspessulanus ssp sternbergii pink 10-15cm 340
1107	likiangense blue 30cm 59 260	1171	monspessulanus ssp sternbergii pink 7.5cm 20
1108	luteum yellow 50cm 23	1172	myrtinervius bright pink 5m 149
1109	oreophilum blue 30-100cm 169	1173	myrtinervius white 15m 298
1110	oxysepalum dark blue 10-50cm 202	1174	nardiformis pink 10cm 24 100
1111	pylzewii blue-purple 20-30 cm >	1175	nitidus deep pink 15 cm 31 109 336
1112	pylzewii bright blue 90cm 60	1176	oschtenicus pink 260
1113	requienii gray/mauve 45cm 104 130	1177	pavonius red 8cm >
1114	sp blue 150cm 365	1178	petraeus white to30cm >
1115	speciosum ex Caucasus blue-purple 154	1179	petraeus ssp noeanus white 20 cm 336
1116	tatsienense blue 40cm 121 176 260	1180	petraeus ssp orbelicus ex Greece 4
1117	tricorne pale blue 14	1181	pinifolius 30cm 194
1118	trolliifolium blue 1.5m 312	1182	plumarius pink/white/red 15cm 247
1119	<b>Dianthus</b> alpinus magenta 19	1183	'Roysii' 115
1120	alpinus mix 10cm >	1184	simulans pink 10cm 19 33 60
1121	alpinus pink 10cm 252	1185	sp grey leaf mixed 30cm 3
1122	alpinus 'Joan's Blood' red/black 8cm 105	1186	subacaulis pink to 10cm 248
1123	amurensis pinky-purple 30cm 300	1187	subacaulis ssp brachyanthus pink 20cm 252
1124	amurensis 'Siberian Blue' blue 18cm 199 214	1188	'Sugar Sweetie' (ex) 260
1125	arenarius white to 30cm 60 232 303	1189	superbus lavender 30cm 216
1126	armeria pink 30cm 189 353	1190	superbus mix to 80cm 139
1127	arpadianus v pumilus 260	1191	superbus pink to 80cm 303
1128	barbatus mix 50cm 308 345	1192	superbus 'Albus' 20-45cm 10
1129	barbatus pink 40cm 220	1193	sylvestris pink 30cm 19
1130	barbatus Nigrescens Group deep red 60cm 55 352	1194	sylvestris ssp sylvestris pink 15cm 182
1131	barbatus 'Sooty' dark red 30cm 53 230	1195	tianshanicus pink 5cm 149
1133	callizonus pink 10cm 1 70	1196	versicolor 33 117
1134	campestris rose 10-15cm 200	1197	<b>Dicentra</b> eximia mix 30cm 224
1135	carthusianorum pink 30cm 14 92	1198	eximia pink 40cm 229
1136	carthusianorum red 60cm 220	1199	formosa pink 30cm 52
1137	deltoides pink 15cm 230 353	1200	peregrina pink 10cm 18
1138	deltoides white/red eye 15cm 59	1201	spectabilis 'Alba' white 60cm 66 82
1139	deltoides 'Albus' 12.5cm 43	1202	torulosa yellow 2.5m 202
1140	deltoides 'Brilliant' red 15cm 149	1203	<b>Dichelostemma</b> capitatum blue-purple 10-35 cm 23 265
1141	deltoides 'Vampir' red 15cm 133	1204	congestum blue 40cm 189
1142	erinaceus pink 10-15cm 65 299	1205	volubile pink 1.5m 312
1143	ferrugineus 25	1206	<b>Dicranostigma</b> franchetianum yellow 35cm 59
1144	freyunii pink 6-10cm >	1207	<b>Dictamnus</b> albus pinkish to 90 cm >
1145	furcatus rose 7.5cm 54	1208	albus 'Albiflorus' white 90cm 332 340
1146	geminiflorus 307	1209	albus v purpureus rose 45-80cm >
1147	glacialis magenta 30cm 298	1210	<b>Dierama</b> adelphicum red 60cm 58
1148	glacialis pink 10cm 141 249 260	1211	hybrids (large hybrids) 247
1149	glacialis ssp gelidus dark pink 8cm 19		

**Garden Collected**

**Garden Collected****Dierama-Echium**

- 1212 **Dierama** hybrids (small hybrids) 247  
1213 igneum pink 1m 58  
1214 jucundum pink & mauve 1m 58  
1215 luteoalbidum cream 1m 58  
1216 pauciflorum deep pink 60cm 156  
1217 pulcherrimum dark magenta 1.5m 352  
1218 pulcherrimum mix 1.5m 156  
1219 pulcherrimum pink 90-180cm >  
1220 pulcherrimum 'Blackbird' burgundy 1m 58  
1221 pulcherrimum hybrid pale silver flr 1.5m 324  
1222 trichorhizum 44  
1223 **Dietes** iridioides 'Amatola' dwarf white 30cm 162  
1224 **Digitalis** ciliata yellow 30cm 132 354  
1225 davisiana pale yellow 50-150 cm 72 202  
1226 ferruginea rust to 120cm >  
1227 grandiflora cream white to 100cm 350  
1228 grandiflora pale yellow to 75cm >  
1229 laevigata orange 1m 132  
1230 lanata light yellow/white 90cm 333 336 354  
1231 lutea pale yellow to white 60-100cm 189 365  
1232 lutea yellow 50-100cm >  
1233 lutea v alba (nv) white 80-120cm 350  
1234 mertonensis (x) pink 75m 29  
1235 obscura yellow/brown 30-60cm >  
1236 parviflora red-brown to 60cm 164 354  
1237 purpurea apricot 90-120cm 345  
1238 purpurea pink 1 m 350  
1239 purpurea f albiflora white 1m >  
1240 purpurea ssp mariana red-pink 260 304 336  
1241 sibirica yellow 60-120cm 132  
1242 thapsi pink 75cm 73 132 336  
1243 thapsi 'Spanish Peaks' pink 15-30 cm 214 340  
1244 viridiflora grn-yel 40cm 202  
1245 **Dimorphotheca** pluvialis white, purple eye  
15cm 316  
1246 **Dionysia** involucrata pink 10cm 184 221  
1247 **Dioscorea** villosa green 3m 329  
1248 **Dipcadi** serotinum ex Spain, Montserrat 88  
1249 **Dodecatheon** amethystinum red-purple 30cm 163  
1250 'Aphrodite' red-purple 30-45cm 45  
1251 clevelandii purple 40cm 23  
1252 clevelandii white 35cm 231  
1253 dentatum pink 15-20 cm 61  
1254 hybrid white 204  
1255 jeffreyi red/purple 20cm 141 298 340  
1256 jeffreyi 'Rotlicht' red 21  
1257 meadia mix to 50cm 148 153  
1258 meadia pink 18cm 32 258  
1259 meadia f album white 30cm 45 358  
1260 pulchellum purple 30cm >  
1261 pulchellum ssp pulchellum 'Red Wings' red  
to 50cm 310  
1262 sp mix 30cm 332  
1263 sp pale pink 40cm 290  
1264 **Doronicum** austriacum yellow 1.2m 176  
1265 **Douglasia** laevigata pink 5cm >  
1266 montana pink 5cm 284  
1267 **Draba** aizoides yellow 5 -10 cm >  
1268 aizoides ex Slovenia Kamnic Alps 117  
1269 arabisans yellow 15 cm 7  
1270 ahoa yellow 5cm 7 332  
1271 bruniifolia yellow to 10cm 346  
1272 bruniifolia very compact form 336  
1273 cappadocica yellow 2 cm 194 260  
1274 **Draba** cretica yellow 4cm 117 280  
1275 dedeana white 10cm 35 59  
1276 fladnizensis white 10 cm 130  
1277 hispanica yellow 5-10cm >  
1278 incerta yellow 7 cm 332  
1279 kitadakensis white 15cm 54  
1280 lasiocarpa yellow 10 cm >  
1281 lasiocarpa Compacta Group 25  
1282 lonchocarpa 13cm 54  
1283 longisiliqua yellow 8cm 35  
1284 magellanica 4  
1285 mollissima yellow 5cm 221  
1286 norvegica white 5cm 248 323  
1287 oblongata yellow 15cm 54  
1288 oligosperma yellow to 10cm 336  
1289 ossetica white 3-5cm 182  
1290 ossetica v racemosa white 3-5cm 182  
1291 parnassica yellow 5cm 7  
1292 paysonii yellow 1-5cm 182  
1293 polytricha yellow 6cm 325  
1294 rigida yellow to 10cm 221  
1295 rigida v bryoides yellow 6cm 210 257  
1296 rigida v imbricata 64  
1297 rosularis yellow to 10cm 260 269  
1298 sphaeroides yellow 5cm 217 226 280  
1299 sphaeroides v cusickii 54 64  
1300 streptocarpa yellow 15cm 64  
1301 ventosa yellow 2.5cm 331  
1302 **Dracocephalum** argunense blue 15cm >  
1303 argunense 'Album' 65  
1304 argunense 'Fuji Blue' brt blue 30 cm 21  
1305 argunense 'Fuji White' white 30 cm 340  
1306 argunense v japonicum blue 30cm 248  
1307 botryoides lavender 15cm 194 336  
1308 hemsleyanum blue-purple to 45cm 260  
1309 isabellae deep violet 30-50cm 260 298  
1310 mairei 20 cm 336  
1311 renatii white 25cm 65 137  
1312 ruyschiana blue 15cm >  
1313 scrobiculatum blue 30cm 279  
1314 wendelboi purple 20cm 65 260  
1315 **Drosera** rotundifolia white 10cm 159  
1316 **Dryas** drummondii yellow 6cm 148 259 340  
1317 octopetala white 10cm >  
1318 octopetala (dwarf) white 2cm 156  
1319 octopetala 'Minor' white 7 cm 35 287  
1320 suendermannii (x) white 10cm 32 236  
1321 **Drypis** spinosa yellow 10cm 124  
1322 **Dyckia** fosteriana orange 10cm 98  
1323 **Dyssodia** papposa yellow 10cm 316  
1324 **Ecchremocarpus** scaber scarlet 204  
1325 **Echinacea** 'Art's Pride' orange 110 111  
1326 purpurea purple-pink to 1.5 m 349  
1327 purpurea 'Alba' white 90cm 349  
1328 purpurea 'Kim's Mop Head' white 60cm 3  
1329 tennesseensis pink 45-60cm 275 298  
1330 **Echinocereus** berlandieri pink 15-30cm 143  
1331 reichenbachii ssp caespitosus purple 20cm 143  
1332 **Echinops** ritro ssp ruthenicus blue 90cm 332  
1333 sphaerocephalus white 90-150cm 303  
1334 tjanschanicus 333  
1335 **Echium** amoenum dark red-purple 40-60cm >  
1336 pininana 'Pink Fountain' pink to 2m 224  
1337 russicum red to 60 cm >

**Garden Collected**

**Echium-Erythronium****Garden Collected**

- 1338 **Echium** vulgare blue to 90cm 234
- 1339 **Edraianthus** dalmaticus blue 10cm 143 252
- 1340 graminifolius blue 10cm 144 285
- 1341 graminifolius blue & white 10cm 360
- 1342 owerinianus blue 5cm 143 182
- 1343 pumilio blue 6-10cm >
- 1344 pumilo f paler narrower leaves blue 6cm 65
- 1345 sp purple 7.5cm 217
- 1346 tenuifolius blue violet 10-15cm 25 156 336
- 1347 tenuifolius 'Albus' white 10-15cm 25 54 323
- 1348 **Elaeagnus** multiflora cream 1m+ 349
- 1349 **Elmera** racemosa yellow to 25cm 141
- 1350 **Empetrum** nigrum v japonicum 10-25cm 18
- 1351 **Ephedra** minima red fruit 20cm 217 336
- 1352 regeliana yellow/red berry 195
- 1353 **Epilobium** angustifolium v album white  
90-120cm 50 66  
(*canum* > see *Zauschneria californica*)
- 1354 dodonaei pink 30cm 277
- 1355 fleischeri pink 45 cm 15
- 1356 fleischeri violet 10-45cm 143
- 1357 obcordatum pink 10cm 24 204
- 1358 **Epimedium** grandiflorum 'Kujyaku' 89
- 1359 grandiflorum 'Tama-no-Genpei' 89
- 1360 grandiflorum 'Yuubae' 89
- 1361 **Eranthis** Cilicica Group yellow 5-10cm 121 177
- 1362 hyemalis yellow 10cm >
- 1363 **Eremurus** himalaicus white 1.8m 17 235
- 1364 isabellina 'Cleopatra' (x) yellow-orange 1m 272
- 1365 isabellinus 'Pinokkio' (x) 299
- 1366 robustus white 2m 319
- 1367 stenophyllum ssp stenophyllum yellow 75cm 335
- 1368 **Erica** arborea (hardy) white 3m 122
- 1369 spiculifolia pink 15cm >
- 1370 spiculifolia 'Balkan Rose' 157
- 1371 **Erigeron** acer ssp angulosus 172
- 1372 acris pale violet 45cm 96
- 1373 acris ssp debilis white 6cm 111
- 1374 aureus yellow 7-10cm 114 287
- 1375 aureus 'Canary Bird' yellow 7.5cm 47 90
- 1376 aureus 'Distler' cream yellow 8-10cm 105
- 1377 'Betty Blake' blue 20cm 60
- 1378 'Blue Bell' (nv) pink/blue 10cm 19
- 1379 borealis lilac 10cm 48
- 1380 caespitosus mix 10cm 1
- 1381 caespitosus violet 10cm 143
- 1382 compactus white 10cm 83 195
- 1383 compositus lavender 10 cm 183
- 1384 compositus mix 8cm 7 117 178
- 1385 compositus (dwarf) pink 336
- 1386 compositus (flowers in autumn) lt violet 5cm 213
- 1387 compositus 'Mt. Adams Dwarf' white 5 cm 336
- 1388 compositus 'Red Desert' 336
- 1389 compositus v discoideus purple 12-13cm >
- 1390 elegantulus lavender 10 cm 241 260 323
- 1391 flettii pink 25cm >
- 1392 glaucus lavender 15 cm >
- 1393 glaucus 'Elstead Pink' 249
- 1394 glaucus 'Olga' lilac 15 cm 149
- 1395 glaucus 'Roseus' pink to 50cm 143
- 1396 karvinskianus white 12cm 157
- 1397 leiomerus blue 10cm >
- 1398 leiomerus white 10cm 167
- 1399 linearis yellow 12 cm >
- 1400 **Erigeron** nanus purple 10 cm 232
- 1401 nanus white 5cm 115
- 1402 radicatus 5cm 47 111 150
- 1403 simplex violet 15cm >
- 1404 simplex ex Uinta Mtns, UT violet 8cm 150
- 1405 sp 320
- 1406 speciosus pink 30cm 140
- 1407 speciosus pinkish purple 40cm 9
- 1408 tweedyi 20cm 7
- 1409 uncialis 110
- 1410 uniflorus white 10cm 64 246
- 1411 ursinus 25cm 336
- 1412 vagus lavender 10 cm 110
- 1413 **Erinus** alpinus lilac 12cm 298
- 1414 alpinus mix 12cm >
- 1415 alpinus pink 4-5cm 74 186
- 1416 alpinus v albus white 15cm >
- 1417 **Eriogonum** crocatum yellow 15cm 35
- 1418 grande v rubescens pink 45cm 197
- 1419 jamesii cream 10cm 232
- 1420 ovalifolium white 20cm 336
- 1421 umbellatum cream 25cm 284
- 1422 umbellatum (dwarf) white 336
- 1423 umbellatum v aureum 336
- 1424 umbellatum v nevadense 336
- 1425 wrightii v subscaposum 306
- 1426 **Eriophyllum** lanatum yellow 15cm 36 326
- 1427 **Eritrichium** canum blue 16cm 280
- 1428 rupestre blue 12.5cm 62 107
- 1429 sibiricum blue 40cm 307
- 1430 **Erodium** carvifolium pink 20cm 325
- 1431 cazorlanum pale pink 20cm 252
- 1432 cicutarium rose to 30cm 189
- 1433 daucoides 130
- 1434 guttatum magenta 15cm 124
- 1435 manescaui magenta to 45cm 149 189
- 1436 petraeum ssp mix 325
- 1437 trifolium white-pink 15cm 130
- 1438 **Eryngium** agavifolium brown 1m 122 140
- 1439 alpinum silver blue 50cm 37 192 220
- 1440 bourgatii silver-blue 45 cm >
- 1441 giganteum to 1m 220
- 1442 planum 'Blaukappe' 362
- 1443 planum 'Blue Ribbon' blue 60cm 38
- 1444 serra 1m 224
- 1445 sp dwarf blue 15-25cm 12
- 1446 **Erysimum** cheiri yellow 30cm 230
- 1447 'Golden Gem' 134
- 1448 helveticum yellow 30 cm 7 178
- 1449 hieraciifolium yellow 247 313
- 1450 kotschyanum yellow 8cm 269
- 1451 pulchellum 30cm 7 360
- 1452 torulosum yellow 30cm 173
- 1453 wheeleri orange 10-50cm 81
- 1454 **Erythronium** californicum white/yellow 20cm 24
- 1455 dens-canis pink 12cm 59 177
- 1456 elegans 67
- 1457 grandiflorum yellow 60cm 194
- 1458 helenae white/fragrant 30cm 23
- 1459 hendersonii pink/lilac 30cm 204
- 1460 multiscapoideum white 20cm 23 24 75
- 1461 oregonum white/cream 30 cm 35
- 1462 oregonum hybrid 35
- 1463 oregonum ssp leucandrum 35

**Garden Collected**

**Garden Collected****Erythronium-Geissorhiza**

- 1464 **Erythronium** revolutum deep pink 15-40cm >  
1465 revolutum pink 15-25cm 294  
1466 revolutum hybrids pink 30 cm 35  
1467 revolutum Johnsonii Group pink 25cm 35  
1468 revolutum 'Pink Beauty' 35  
1469 revolutum 'Rose Beauty' pink 30 cm 35 312  
1470 revolutum x oregonum (hybrid swarm)  
pink to white 270  
1471 sp. mixed 15-20cm 245  
**1472 Escobaria** vivipara pink 7cm 150  
**1473 Eucomis** bicolor yellow green 30-50cm 55 314  
1474 comosa v striata 16  
1475 zambesiaca 60cm 154  
1476 **Eucrosia** aurantiaca yellow 76cm 44  
1477 **Euonymus** alatus 2.4m 108  
1478 nanus white fl / orange fr 40-45cm 159  
1479 nanus v turkestanicus 14  
1480 **Euphorbia** hyberna ssp hyberna lime green  
30-45cm 266  
1481 lathyris yellow/green to 1.5m 189 266  
1482 mellifera yellow-brown 1.2m 224  
1483 myrsinites yellow 20cm 189  
1484 polychroma yellow to 60cm 189  
1485 rigida yellow/red 45cm 273  
1486 **Euryops** acraeus yellow to 1m 107 159  
1487 **Evodia** fargesii 142  
1488 **Fallugia** paradoxa white 90 cm 36 140  
1489 **Felicia** heterophylla 162  
1490 rosulata mauve 12.5cm 130  
1491 **Ferula** asa-foetida yellow 1.5m 220  
1492 **Festuca** glauca 'Compressa' (nv) silver-blue  
leaves 13cm 217  
1493 ovina 'Silver Seas' 15cm 217  
1494 **Fibigia** clypeata yellow 30cm 92 313  
1495 eriocarpa yellow 20cm 180  
1496 sp ex Turkey, Zvolanek coll. 336  
1497 triquetra yellow 5-30cm 25  
1498 **Filipendula** camtschatica 154  
1499 **Fragaria** vesca 'Alba' white flr/white fruit 10cm 349  
1500 **Francoa** appendiculata pink 45cm 157  
1501 sonchifolia pink to 70cm >  
1502 sonchifolia white 40cm 220  
1503 **Franklinia** alatamaha white 3-6m 38  
1504 **Frasera** speciosa green 2m 24  
1505 **Freesia** alba white 25cm 271  
1506 elimensis 16  
(laxa > see *Anomatheca laxa*)  
1507 leichtlinii 16  
1508 **Fritillaria** acmopetala brown-green 25cm >  
1509 acmopetala yellow/green 30cm 125 187  
1510 affinis green-brown 30-45cm 23  
1511 affinis ex Vancouver Island 67  
1512 agrestis 60cm 75  
1513 assyriaca 24  
1514 aurea yellow 4-15cm 87  
1515 biflora brown-purple 15-40cm 23  
1516 bithynica 27  
1517 bucharica white 30cm 23  
1518 camtschaticensis dark purple 50cm 82  
1519 camtschaticensis from Alaska chocolate 75cm 69  
1520 caucasica mahogany 15-40cm 87  
1521 crassifolia yellow/green 6-20cm 159 186  
1522 crassifolia ssp kurdica yellow/purple 15cm >  
1523 crassifolia ssp kurdica ex Iran, JJMZ157 87  
1524 **Fritillaria** davisii purple/brown 20cm 152  
1525 eastwoodiae yellow/orange/red  
15-35cm 23  
1526 ehrhartii brown/yellow 15 cm 23 355  
1527 elwesii purple-brown 15-55cm 64  
1528 euboica yellow 8cm 23  
1529 forbesii LB285 green 20cm 125  
1530 graeca purplish-brown to 24cm >  
1531 gussichiae green/brown 20-30cm 23  
1532 gussichiae green/yellow 30cm 40 125  
1533 hermonis ssp amana yellow 10-35cm 219  
1534 imperialis brown 100cm 233  
1535 imperialis orange/red 80cm 184 257 343  
1536 imperialis 'Lutea' yellow 90 cm 31 35 66  
1537 imperialis 'Maxima Lutea' yellow to 150cm 266  
1538 imperialis 'Rubra Maxima' orange-red 90cm 45  
1539 involucrata green/brown 30cm 5 87  
1540 kotschyana ex Elburz, Iran T4Z 1205 87  
1541 lankongensis (nv) 29  
1542 lusitanica brown/green 25cm 23 87 209  
1543 meleagris mix 30cm >  
1544 meleagris red/purple 30cm 169 305  
1545 meleagris aff 247  
1546 meleagris 'Alba' white 20-30cm 19 35  
1547 messanensis green/brownish 40cm 219  
1548 messanensis ssp gracilis dark purple 45 cm >  
1549 messanensis ssp messanensis 20-30cm 219  
1550 michailovskyi maroon/yellow 15cm >  
1551 montana blackish brown 35cm 59 87 219  
1552 orientalis purple-brown 20cm 226  
1553 pallidiflora pale yellow 40cm >  
1554 persica purple-maroon to 100cm >  
1555 persica 'Adiyaman' 236  
1556 pinardii purple/yellow 10-20cm 23 87  
1557 pontica green/brown 45cm >  
1558 pudica yellow 15cm 23  
1559 pyrenaica purple-brown 25cm >  
1560 pyrenaica dark form purple-brown 25cm 35  
1561 pyrenaica ex double-headed form 355  
1562 raddeana yellow 55cm 23 257  
1563 ruthenica black/purple 20-50cm 31 187 219  
1564 sewerzowii brown 15-25cm 177  
1565 striata white-purple 20-40cm 23  
1566 thessala ssp ionica greenish brown 30cm  
40 58 173  
1567 thessala ssp reiseri purple brown 23  
1568 thunbergii 330  
1569 tubiformis red/purple 20cm 177  
1570 whittallii green-brown 15cm 257  
1571 **Fuchsia** procumbens 211  
1572 **Fumana** procumbens yellow 40cm 336  
1573 thymifolia v viridis yellow 7.5cm 260  
1574 **Gagea** fibrosa yellow 15cm 23  
1575 **Gaillardia** aristata yellow to 75cm 55  
1576 aristata yellow/red to 70cm 285 286 349  
1577 'Fanfare' red/yellow 30cm 282  
1578 **Galanthus** nivalis white/green to 25cm 130 187  
1579 **Galtonia** candicans white 60cm >  
1580 viridiflora green 1m 157  
1581 **Gaura** biennis white-rose 60-90cm 116  
1582 **Gazania** krebsiana yellow 20cm 194  
1583 linearis 'Colorado Gold' yellow 10 cm 259  
1584 **Geissorhiza** aspera 16  
1585 bracteata white 6-18cm 15

**Garden Collected**

**Geissorhiza-Gladiolus****Garden Collected**

1586	<b>Geissorhiza</b> inaequalis pale blue 20 cm 16 265	1649	<b>Geranium</b> himalayense 45cm 336
1587	<b>Genista</b> aetnensis yellow 2m 124	1650	libani violet blue 35cm 266
1588	sagittalis yellow 10-15cm 80	1651	macrorrhizum mix 25cm 189
1589	sagittalis ssp delphinensis yellow 15cm 90	1652	macrorrhizum 'Album' 224
1590	sylvestris v pungens yellow 15cm 217	1653	macrorrhizum 'Czakov' magenta 25-30cm 266
1591	<b>Gentiana</b> acaulis blue 5cm >	1654	macrostylum pink 30cm 189
1592	acaulis 'Frohnleiten' 25	1655	magniflorum 336
1593	acaulis 'Grandiflora' 32	1656	oreganum purple 80cm 9
1594	acaulis 'Maxima Enzian' dark blue 10cm 133	1657	orientalitibeticum pink 15cm 61
1595	affinis blue 30cm 180	1658	palmatum pink 45cm 224 243
1596	alpina blue 5cm 107	1659	phaeum maroon 60 cm >
1597	andrewsii pale blue 60cm 1 319	1660	phaeum 'Stillingfleet Ghost' white 45.5cm 53
1598	andrewsii f albiflora white 60cm 175	1661	platyanthum pink 30cm 220
1599	angustifolia blue to 10cm 182	1662	pratense white 59
1600	angustifolia Frei hybrid blue 8cm 239	1663	pratense 'Purple Haze' lavender/purple leaves 10-30cm 169
1601	asclepiadea blue 45-60cm >	1664	pratense 'Striatum' blue/white 40cm 282
1602	asclepiadea mix to 60cm 235 301	1665	pulchrum pink/white 40cm 224
1603	asclepiadea (dwarf form) blue to 30cm 252	1666	pumilum pink 20cm 189
1604	asclepiadea 'Knightshayes' 172	1667	pyrenaicum pink-purple 224 303
1605	asclepiadea 'Rosea' 50cm 118	1668	robertianum pink 25cm 145 189
1606	asclepiadea v alba 45-80 cm 118 133	1669	robustum pink 1m 224
1607	cachemirica blue 12cm 59	1670	rubescens pink-purple 30-60cm 266
1608	clausa blue 30-60cm 119	1671	sanguineum red 30cm 189
1609	clusii lilac 10cm 225	1672	sanguineum 'Max Frei' pale-pink 10cm 239
1610	clusii ssp rochelii blue 7cm 217	1673	sanguineum v striatum pink 20cm 234
1611	cruciata blue 30cm >	1674	sessiliflorum ssp novae-zelandiae 'Nigricans' white 7cm 182
1612	dahurica blue 20cm 59 61 327	1675	shikokianum v yoshiianum pink fls marbled lvs 20cm 279
1613	dinarica blue to 12cm 186	1676	sylvaticum 'Album' white 50cm 82
1614	gelida white 15cm 74	1677	sylvaticum 'Mayflower' violet-blue 50cm 130
1615	gelida white 1m (?) 61	1678	transbaicalicum 222
1616	gracilipes blue 25cm 113	1679	tuberosum 204
1617	lutea yellow 60cm 94 220	1680	wallichianum 'Buxton's Variety' blue 7.5-30cm 130
1618	lutea yellow 80-150cm >	1681	yoshinoi magenta 6cm 130
1619	nipponica 5cm 85	1682	<b>Gerbera</b> gossypina 10cm 90
1620	occidentalis dark blue 5cm 67 252	1683	<b>Geum</b> 'Blazing Sunset' dbl red 38
1621	olivieri violet-blue 20cm 301	1684	fauriei 50cm 202
1622	orbicularis 260	1685	montanum yellow 12cm 35 115 182
1623	pannonica purple 50cm 268	1686	montanum (aff) red-orange 20cm 231
1624	paradoxa blue 15cm 65 139	1687	pyrenaicum yellow 30cm 143 150 220
1625	parryi deep blue 20-30cm 74 301	1688	rivale mix 20cm 313
1626	pumila ssp delphinensis deep blue 8-12 cm 22	1689	rivale red 10cm 349
1627	purpurea purple 40cm 192	1690	rivale salmon 20cm 236
1628	purpurea 'Nana' 119	1691	rivale 'Album' 38cm 45
1629	saxosa white 7.5-10cm 129 157	1692	triflorum magenta-pink to 40cm >
1630	scabra blue 50cm 1	1693	triflorum yellow 30cm 220
1631	septemfida blue 25cm >	1694	virginianum 191
1632	septemfida (aff) blue 165	1695	<b>Gilia</b> capitata blue 20-60cm 9 178
1633	septemfida v lagodechiana blue prostrate 210 260	1696	<b>Gillenia</b> trifoliata white 70-90 cm 298
1634	sino-ornata blue 5cm 58	1697	<b>Gladiolus</b> caucasicus lilac 70cm 2
1635	sino-ornata 'Alba' white 5cm 58	1698	communis magenta 35cm 220
1636	suendermannii (x) 172	1699	communis ssp byzantinus dark pink 60cm >
1637	tibetica pale blue 60-90cm 55	1700	cunonius 152
1638	triflora blue 45cm 58 172	1701	dalenii green/brown 91cm 11
1639	triflora 'Alba' white 45cm 58	1702	dalenii orange 91cm 11
1640	triflora v japonica mauve-blue to 45cm 240	1703	dalenii orange/yellow 1-1.5m 55
1641	verna blue 15cm 83 260	1704	illyricus purple 40cm 2
1642	verna 'Alba' white 10cm 200 260 336	1705	italicus purple 40cm 2
1643	verna ssp oshtenica 221	1706	italicus bornetii larger flowers hardier 2
1644	verna ssp pontica blue 15cm 152 260	1707	italicus ex Crete purple 40cm 31
1645	<b>Geranium</b> canariense pink 45cm 224	1708	palustris purple red 40-60cm 90 92 319
1646	cinereum pink 15cm 325	1709	tristis white 40-150cm 29
1647	dissectum pink 25cm 189		
1648	endressii pink 50cm 189		

**Garden Collected**

**Garden Collected**

- 1710 **Gladiolus** tristis yellow 40-150cm 318  
 1711 watsonioides ex Kenya red 100cm 242  
 1712 **Glaucidium** palmatum lavender 45cm >  
 1713 palmatum 'Leucanthemum' white 60cm 127  
 1714 **Glaucium** corniculatum mix 40cm 149  
 1715 flavum yellow 45cm >  
 1716 grandiflorum orange 195 336  
 1717 **Globularia** bisnagarica steel blue 20cm 276  
 1718 cordifolia blue 10cm 149 323 336  
 1719 cordifolia 'Alba' 15cm 121  
 1720 incanescens blue 6cm 54 90 360  
 1721 incanescens mauve 5cm 252  
 1722 meridionalis blue 10cm 206  
 1723 punctata blue 25cm 336  
 1724 repens blue 3cm 332  
 1725 repens mauve 3cm 252  
 1726 trichosantha blue 25cm >  
 1727 **Gloriosa** superba 'Rothschildiana' dark red &  
 yellow vine 338  
 1728 superba 'Rothschildiana' very dark red &  
 yellow vine 338  
 1729 superba 'Rothschildiana' x verchurii &  
 verescens red-orange & yellow vine 338  
 1730 **Goniolimon** speciosum 30 cm 24  
 1731 **Grindelia** camporum 43  
 1732 **Gymnospermium** albertii yellow 25cm 23  
 1733 **Gypsophila** bungeana pink 8cm 291  
 1734 cerastioides white 4cm 24  
 1735 franzii 7  
 1736 franzii 'Nana Compacta' 7  
 1737 muralis pink 10cm 24  
 1738 petraea white 7cm 260  
 1739 repens 'Rosea' pink 8 cm 239  
 1740 tenuifolia white/pink 15cm 64 220 226  
 1741 **Haberlea** sp. lilac/lav 10-15cm 33  
 1742 **Habranthus** brachyandrus lavender-pink 41cm 28  
 1743 gracilifolius pink 23-30 cm 357  
 1744 oaxacanus pink tall 44  
 1745 texanus yellow/red exterior 210  
 1746 tubispathus orange yellow 20cm >  
 1747 **Hacquetia** epipactis white/yellow 15cm 59  
 1748 epipactis yellow 7cm 39  
 1749 **Haplopappus** glutinosus yellow 10-20cm 10  
 1750 macrocephalus orange 25cm 260  
 1751 prunelloides v mustersii yellow 4cm 129  
 1752 sp (cf) blue 10cm 130  
 1753 sp yellow 15cm 48  
 (*Haplopappus*> see also  
*Erigeron/Grindelia/Pyrrocoma/Tonestus*)  
 1754 **Hebe** ochracea 'James Stirling' white 45cm 251  
 1755 pimeleoides 288  
 1756 'Youngii' blue 12cm 260  
 1757 **Helianthemum** nummularium peach 30cm 99  
 1758 nummularium red shades 30cm 336  
 1759 oelandicum ssp alpestre yellow 12cm 160  
 1760 sp pink 25-35cm 350  
 1761 **Helichrysum** albobrunneum white/pink  
 20cm 90  
 1762 bellum white 15-30cm 336  
 1763 cooperi dark yellow 30-40 90  
 1764 heldreichii yellow 30cm 34  
 1765 milfordiae 10cm 247  
 1766 pilosellum yellow 20-40cm 154  
 1767 'Schwefellicht' yellow 30cm 34

**Gladiolus-Hepatica**

- 1768 **Helichrysum** sessiloides lavender 30cm 54  
 1769 sibthorpii white 10cm 90  
 1770 **Helleborus** argutifolius greenish cream  
 to 70cm 55 130  
 1771 cyclophyllus green 50cm 269  
 1772 foetidus green to 80cm 305 343  
 1773 hybridus anemone-centred (x) red nectary 208  
 1774 hybridus anemone-centred (x) yellow 35  
 1775 hybridus anemone-centred (x) ex Ashwood  
 red 35  
 1776 hybridus Ashwood Garden Hybrid (x) mix 35  
 1777 hybridus Ashwood Garden Hybrid (x) pale  
 yellow 35  
 1778 hybridus Ashwood Garden Hybrid (x) white  
 w/pink spots 35  
 1779 hybridus Ballard's Black (x) 35  
 1780 hybridus blues & deepest purple (x) blue &  
 deep purple 208  
 1781 hybridus dark purple (x) 224  
 1782 hybridus double white (x) spotted red 35  
 1783 hybridus double white (x) ex Ashwood 35  
 1784 hybridus double white (x) (hp) red stripes 181  
 1785 hybridus large flowered (x) pink/white 208  
 1786 hybridus pale pink (x) 224  
 1787 hybridus 'Picotee' (x) pink 50cm 35 208 224  
 1788 hybridus pink/white and picotee forms (x)  
 208  
 1789 hybridus 'Queen of the Night' (x) 35  
 1790 hybridus white w red spots (x) 30cm 24 241  
 1791 hybridus white (x) no spots 60cm 181  
 1792 hybridus (x) mix 208  
 1793 hybridus (x) white w/large purple spots  
 60cm 337  
 1794 hybridus (x) whitish green 60cm 337  
 1795 hybridus yellow (x) 208  
 1796 niger 'Grandiflorus' pure white 20cm 19  
 1797 niger (huge flowers) 24 310  
 1798 niger ssp macranthus white 24  
 1799 niger 'White Magic' 24  
 1800 orientalis pale flowers 351  
 1801 orientalis pink/purple 35cm 32  
 1802 orientalis white-red spots 45cm 55  
 1803 orientalis 'Alba Plena' (nv) white 30-50cm 19  
 1804 orientalis hybrid mix 130 173  
 1805 sternii Blackthorn Group (x) 10 35  
 1806 sternii 'Boughton Beauty' (x) 35  
 1807 sternii (x) green 38cm 19 35 121  
 1808 torquatus dark purple/blue-green to 40cm 173  
 1809 **Helonias** bullata pink 45cm 331  
 1810 **Hemerocallis** hybrids 353  
 1811 hybrids (tetraploid) 353  
 1812 plicata(cf) ex Yunnan,China orange 30cm 281  
 1813 **Hepatica** acutiloba mix 15cm 310  
 1814 maxima pink 20-30cm 19  
 1815 nobilis mix 10cm 66 353  
 1816 nobilis pink 61  
 1817 nobilis red 10cm 173  
 1818 nobilis white 10cm 19  
 1819 nobilis 'Cremar' pink 61  
 1820 nobilis (mottled leaf) blue 10cm 19  
 1821 nobilis (mottled leaf) white 15cm 19  
 1822 nobilis 'Rosea' pink 10cm 19  
 1823 nobilis v japonica red 89  
 1824 nobilis v japonica white 89

**Garden Collected**

**Hepatica-Iris****Garden Collected**

- 1825 **Hepatica** nobilis v japonica f magna dark pink 61  
 1826 nobilis 'Weiser Samling' mottled leaf, white 10cm 19  
 1827 sp. large purple 61  
 1828 sp. Mix mixed 10-15cm 187 310  
 1829 transsilvanica blue 10cm 66  
 1830 transsilvanica dark blue 10cm 19  
 1831 'Tsumabeni' white w/red edge 15cm 19  
 1832 **Heracleum** minimum 'Roseum' pink 30cm 319  
 1833 **Herbertia** lahue light blue 10cm 162 205  
 1834 lahue ssp lahue purple 9cm 265  
 1835 **Hermodactylus** tuberosus green/black to 50cm 236  
 1836 **Hesperaloe** parviflora pink 1m 336  
 1837 **Hesperantha** bachmanii 300  
 1838 baurii rose 30cm 107  
 1839 falcata white 20cm 130  
 1840 vaginata 'Stanfordiae' yellow 20cm 265  
 1841 **Hesperis** matronalis ex Moscow Bot Garden 351  
 1842 matronalis v albiflora white 266  
 1843 steveniana purple 110cm 231  
 1844 **Heteropappus** altaicus violet 12 cm 221  
 1845 **Heterotheca** jonesii yellow 5-10cm >  
 1846 pumila yellow 10cm 178 306 316  
 1847 villosa v minor yellow 7cm 1 15  
 1848 **Heuchera** americana Dale's strain green 30-60 cm 101  
 1849 'Bouquet Rose' pink/red 50cm 281  
 1850 chlorantha green-white to 1m 236  
 1851 cylindrica white 40cm 151  
 1852 'Green Spice' 3  
 1853 micrantha white to 60cm 209  
 1854 pubescens 90cm 7  
 1855 pulchella pink 15 cm 7 152  
 1856 sanguinea 'Fackel' fiery red 204  
 1857 **Hibiscus** aculeatus yellow/maroon eye 1m 308  
 1858 coccineus red 2m 335  
 1859 moscheutos white 1m 95  
 1860 moscheutos 'Southern Belle' hybrid mix pink/red/bicolor 1m 308  
 1861 **Hieracium** lanatum yellow 10-50cm 37 213 249  
 1862 mixtum yellow 20cm 164 178  
 1863 sp narrow pointed mottled lvs 3  
 1864 spilophaeum yellow 30 cm 161  
 1865 spilophaeum 'Leopard' 322  
 1866 villosum yellow 15cm 84 86 180  
 1867 waldsteinii pale yellow 30cm 116 236  
 1868 **Hippeastrum** sp BCW 4055A yellow/orange 15cm 245  
 1869 sp BCW 5038 orange 15cm 245  
 1870 **Hippocrepis** emerus 289  
 1871 **Hirpicium** armerioides white mat 205 258  
 1872 **Homeria** sp salmon-orange 40cm 288  
 1873 **Horkelia** californica 215  
 1874 **Horminum** pyrenaicum blue 30cm 220 252 291  
 1875 pyrenaicum mix >  
 1876 pyrenaicum red 20cm 59  
 1877 **Hosta** 'Kii-hime' purple to 12cm 55  
 1878 longissima lavender to 50cm 348  
 1879 tardiflora ex Honshu, Japan HC970714 30cm 359  
 1880 **Hyacinthoides** hispanica blue 16  
 1881 hispanica mix 50cm 16 351  
 1882 hispanica 'Rosea' pink 20cm 83  
 1883 reverchonii blue 23  
 1884 **Hymenanthera** crassifolia yellow/fruit purple 50cm 124  
 1885 **Hymenoxys** subintegra 30cm 194  
 (*Hymenoxys* > see also *Tetraneuris*)  
 1886 **Hypericum** adenotrichum yellow 30cm 231  
 1887 ascyron white 30-60cm 6  
 1888 balearicum golden 30cm 215  
 1889 cerastioides yellow 7-25 cm 59  
 1890 coris yellow 10-45cm 34 182 260  
 1891 kiusianum v yakusimense yellow 5cm 1 65 322  
 1892 mutilum yellow 15-60cm 349  
 1893 nummularium 30cm 143  
 1894 olympicum yellow 25cm 140 319  
 1895 olympicum f minus yellow 30cm 172  
 1896 olympicum f uniflorum 'Citrinum' 128  
 1897 orientale yellow 30cm 252 289  
 1898 prolificum yellow 1.5m 341  
 1899 rumeliacum ssp apollinis 206  
 1900 sp (variegated) 236  
 1901 tomentosum yellow 30cm 335  
 1902 **Hypoxis** hemerocallidea yellow 30cm 140  
 1903 hygrometrica yellow 7.5cm 357  
 1904 **Iberis** 'Daglori Gem' lavender 340  
 1905 pruitii white 10cm 24 65  
 1906 saxatilis white 7-15cm 73  
 1907 sempervirens white 20cm 351  
 1908 spathulata lilac 10cm 225  
 1909 taurica white/lilac 20cm 336  
 1910 **Illicium** henryi 142  
 1911 **Impatiens** balfourii (PI) pink/white 1m 322  
 1912 **Incarvillea** compacta magenta 25cm 29 40  
 1913 delavayi pink 50cm >  
 1914 delavayi 'Bees Pink' pink 30cm 130  
 1915 delavayi 'Snowtop' 130  
 1916 grandiflora pink 30 cm 259  
 1917 mairei v grandiflora ex ACE pink 30cm 83 115  
 1918 mairei v mairei pink 30-40cm 131 268  
 1919 olgae rose 60cm 129 140 220  
 1920 sinensis pink 60cm 121  
 1921 zhongdianensis pink 30cm 288 363  
 1922 **Inula** acaulis yellow 3cm 217 301  
 1923 ensifolia yellow to 30cm >  
 1924 ensifolia 'Compacta' yellow 15cm 60 116 276  
 1925 magnifica yellow 2 m 210  
 1926 rhizocephala yellow 5-15cm >  
 1927 salicina yellow 50cm 350 362  
 1928 verbascifolia yellow 50cm 336  
 1929 **Ipheion** 'Rolf Fiedler' blue 15cm 15  
 1930 uniflorum 'Album' white 16  
 1931 **Ipomoea** alba 145  
 1932 **Ipomopsis** rubra mix red & yellow 15  
 1933 rubra red 80cm >  
 1934 **Iris** attica purple 5cm 238  
 1935 brevicaulis 45cm 107  
 1936 Californian hybrids mix 45cm 35 38 352  
 1937 Californian hybrids pale blue 15cm 238  
 1938 chrysographes black/purple 40cm 55  
 1939 chrysographes 'Inshriach' 206  
 1940 chrysographes 'Rosea'(nv) rose pink 40-50cm 182  
 1941 cycloglossa lilac to 50cm 205  
 1942 douglasiana mix 70cm 30  
 1943 douglasiana pale blue/white 172  
 1944 ensata violet-blue 70-80cm 350

**Garden Collected**



**Garden Collected****Iris-Lavandula**

- 1945 **Iris** ensata ex Rodionenko, St Petersburg prpl 2001 **Iris** versicolor blue-purple 40-50 cm 130 261  
60cm 238 2002 versicolor 'Kermesina' blue 60cm 131
- 1946 ensata hybrids blue/white 130 2003 vicaria white 45cm 5  
1947 ensata v spontanea purple 30-50cm 238 2004 wilsonii yellow 60 cm 361  
1948 foetidissima lilac-topaz/purple-brown 2005 **Isatis** tinctoria yellow to 1m 220  
30-90cm 130 350 2006 **Isopyrum** biternatum 30cm 24  
1949 forrestii yellow/brown 20-50cm 35 361 2007 **Ixia** pumilio orangey 15cm 299  
1950 graminea purple 50cm 330 342 2008 sp white/pink 82  
1951 grandiflora (Juno)(nv) yellow-white 40cm 25 2009 viridiflora green/blue 40cm 82  
1952 hookeri blue 15-50cm > 2010 **Ixiolirion** tataricum pale blue 40cm 242  
1953 humilis yellow 5-25cm 30 182 2011 **Jankaea** heldreichii violet 10cm 143  
1954 innominata mixed 30 2012 **Jasione** crispa 10cm 307  
1955 innominata yellow 20cm 48 2013 laevis blue 25cm 157  
1956 kemaonensis 15cm 247 2014 montana purple 30 cm 222  
1957 lactea lt blue/cream 30-45cm 238 2015 **Jeffersonia** diphylla white 30cm >  
1958 laevigata yellow 35cm 213 2016 dubia pale blue 15cm 59 173 310  
1959 laevigata 'Snowdrift' white 1m 30 2017 **Jovibarba** heuffelii 15 cm 336  
1960 latifolia dark blue 60cm 131 182 2019 **Juncus** effusus f spiralis 20cm 55  
1961 latifolia purple 60cm 29 2020 **Juniperus** phoenicea 3m 289  
1962 lazica lavender 20 cm 238 2021 rigida 171  
1963 lutescens lemon yellow 30cm 238 2022 **Jurinea** cadmea pink 10cm 260  
1964 lutescens (very floriferous) white/yellow 2023 **Jurinella** moschus pink-violet 5-8cm 35  
30cm 238 2024 **Kalimeris** integrifolia white 80cm 3  
1965 lutescens 'Yellow Form' ex Provence, France 2025 mongolica 149  
yellow 177 2026 sp white 80cm 3  
1966 magnifica pink-lilac 30-60cm 172 357 2027 **Kalmia** microphylla 115  
1967 magnifica 'Agalik' almost white 30cm 172 2028 **Kalopanax** septemlobus 347  
1968 magnifica 'Alba' 40cm 125 2029 **Keckiella** corymbosa red 15cm 140  
1969 milesii blue/white 90cm 289 2030 ternata red 90cm 140  
1970 missouriensis purple 50cm 30 62 2031 **Kennedia** rubicunda 273  
(Pacific Coast Hybrids > see *I. Californian hybrids*) 2032 **Kitagawia** terebinthacea 336  
1971 prismatica blue to 80cm 131 134 2033 **Kitaibela** vitifolia white 1.5m 279  
1972 pseudacorus yellow 1m 130 349 2034 **Knautia** macedonica deep red 50cm >  
1973 pseudacorus 'Variegata' yellow 75cm 349 2035 **Kniphofia** 'Little Maid' cream-yellow 60cm 345  
1974 pumila purple 20cm 141 2036 northiae orange/yellow 1.2m 352  
1975 'Roy Elliot' 35 2037 pumila yellow 60cm 224  
1976 sanguinea 45cm 88 244 2038 **Kolkwitzia** amabilis pink 1.5m 45 134 351  
1977 setosa blue-purple to 50cm > 2039 amabilis 'Rosea' deep pink 1.5m 307  
1978 setosa ex Tibet 30 2040 amabilis (upright form) dark pink 307  
1979 setosa v alba white 45 cm 130 2041 **Kosteletzkya** virginica pink 100cm 255  
1980 setosa v arctica 261 2042 **Krigia** virginica 30cm 322  
1981 setosa v setosa purple 45cm 50 2043 **Lachenalia** reflexa yellow 20cm 299  
1982 setosa v tricuspis blue 40cm 30 131 2044 **Lagurus** ovatus white 30-50cm 55 305  
1983 setosa var ex Interior Alaska pale violet 2045 **Lallemantia** canescens lavender/blue  
45-50cm 96 to 50cm 124 335  
1984 setosa var ex Interior Alaska white 45cm 96 2046 peltata 174  
(setosa v canadensis, v pygmaea, v nana > see hookeri) 2047 **Lamium** armenum mix 12cm 68  
1985 sibirica blue 50-120m 130 183 351 2048 armenum ssp armenum (nv) white/pink  
1986 sibirica blue veined white 50cm 17 10cm 24  
1987 sibirica 'Southcombe White' white 120cm 131 2049 garganicum 68  
1988 sintenisii violet 30cm > 2050 **Lantana** camara orange-yellow 1m 49  
1989 sintenisii v brandzae 25cm 331 2051 montevidensis rose-violet 49  
1990 sp 173 2052 **Lapeirousia** viridis 104  
1991 sp ex AGS 431 134 2053 **Lapsana** communis yellow 60cm 189  
1992 spuria ssp musulmanica lavender-violet 2054 **Laserpitium** latifolium 307  
40-90cm 220 2055 siler white 1.2m 174 251  
1993 suaveolens purple/cream 7.5cm 238 2056 **Lathyrus** aureus 30cm 174  
1994 tectorum white/gold 1 2057 tuberosus dark pink 1m 174  
1995 tectorum 'Alba' white 45 cm > 2058 venetus red-purple 40cm 37  
1996 tenax mix 30cm 140 2059 vernus pink 50cm 310  
1997 tingitana SBL194 blue 90cm 125 2060 vernus pink/purple 50cm 5 32  
1998 typhifolia very blue 267 2061 **Lavandula** angustifolia 'Nana Alba' white  
1999 unguicularis 'Alba' white 30cm 238 15cm 201  
2000 unguicularis ssp cretensis purple 30cm 238 2062 latifolia 49

**Garden Collected**

**Lavatera-Linaria****Garden Collected**

- 2063 **Lavatera** thuringiaca pink to 180cm 243  
2064 trimestris 'Novella' pink 25cm 207  
2065 **Leibnitzia** anandria pale blue 10cm 365  
2066 anandria white 15-30cm 175 319  
2067 **Leonotis** ocyimifolia 174  
2068 **Leontopodium** alpinum white 20cm 148 258 259  
2069 alpinum ssp alpinum white 6cm 213  
2070 alpinum ssp nivale white 10cm 25  
2071 calocephalum 40cm 35  
2072 discolor 30cm 7  
2073 hayachinense v miyabeianum 10cm 4  
2074 sikkimense 4  
2075 sp 178  
2076 **Lepechinia** chamaedryoides blue/violet  
to 3m 198  
2077 hastata purple 1m 238  
2078 **Leptinella** albida 221  
2079 **Lesquerella** alpina yellow 15-25cm 42  
2080 arctica yellow 10cm 117 290 307  
2081 arizonica yellow 2cm 195 336  
2082 fendleri yellow 10 cm 150  
2083 intermedia yellow 4cm 150  
2084 kingii yellow 15 cm 15 73 81  
2085 macrocarpa 84  
2086 ovalifolia 215  
2087 **Leucanthemopsis** alpina white 15cm 287  
2088 **Leucocoryne** ixiodes white/violet 25cm 265  
2089 purpurea purple 30cm 265  
2090 vittata 13  
2091 **Leucojum** autumnale white 10 cm 11 24 205  
2092 nicaense white 6cm 147  
2093 nicaense white to 30cm 115 152 219  
2094 **Leuzea** conifera purple-white to 30cm 287  
2095 conifera v macrocephala white 10cm 60  
2096 **Lewisia** brachycalyx pink 5cm 69  
2097 brachycalyx white 10cm 129  
2098 columbiana pink to 30cm 332  
2099 cotyledon mix >  
2100 cotyledon pink 10-30cm 192  
2101 cotyledon reds-pinks 10-30cm 31  
2102 cotyledon white 10-30cm 31  
2103 cotyledon yellow 10-30cm 31  
2104 cotyledon f alba 15cm 121  
2105 cotyledon v heckneri 15-20cm 121  
2106 leeana (op) deep pink 15-20cm 204  
2107 'Little Plum' pink 15cm 105  
2108 longipetala pink 10cm 105  
2109 nevadensis white 10 cm >  
2110 pygmaea pink 8cm 69 267 331  
2111 rediviva mix 325  
2112 rediviva pink 2-4cm 297  
2113 rediviva x pygmaea 225  
2114 tweedyi pink 10cm 192  
2115 tweedyi yellow 20cm 105  
2116 **Leycesteria** crocothyrsos 109 145  
2117 formosa purple to 1.5m 243  
2118 **Leymus** arenarius 182  
2119 **Liatris** aspera purple 70cm 199  
2120 scariosa lavender 90cm 316  
2121 spicata purple 80cm 308  
2122 spicata 'Elf' (nv) purple 30cm 307  
2123 **Libertia** caerulescens blue 40cm 109  
2124 ixioides white 70cm 34  
2125 peregrinans white 20cm 35  
2126 **Libertia** tricolor 172  
2127 **Ligularia** japonica yellow 1m 73  
2128 'The Rocket' yellow to 180cm 130  
2129 **Ligusticum** scoticum ssp hulthenii 109  
2130 **Lilium** Asiatic hybrids mix 60cm 78 308  
2131 auratum white 1.5m 125  
2132 bulbiferum yel/red 90cm 156  
2133 canadense red 90cm 24 216  
2134 canadense yellow 1.5 m 153  
2135 canadense v coccineum red-orange 1.5 m 91  
2136 'Casa Blanca' x 'Muscadet' 60cm 308  
2137 columbianum yellow/orange 1m 24  
2138 concolor v coridion 293  
2139 concolor v strictum 267  
2140 formosanum white 1m+ 335  
2141 formosanum v pricei white 30-60 cm >  
2142 hansonii orange to 120cm 92  
2143 henryi orange 2m 265 277  
2144 japonicum pink 45cm 58  
2145 japonicum pink/white 90cm 125  
2146 leucanthum green white 1m 308  
2147 longiflorum white 90cm 78 265  
2148 longiflorum v eximium 109  
2149 mackliniae pink 40cm 35 79  
2150 mackliniae white flushed pink 45cm 58  
2151 martagon mix to 2m >  
2152 martagon pink 90cm >  
2153 martagon red/purple 1.2m >  
2154 martagon white 40cm 180  
2155 martagon dark form wine to 1m 78 159  
2156 martagon ex Monte Tombea, Italy pink 90cm 31  
2157 martagon ex Val di Fassa, Dolomites, Italy  
pink 90cm 31  
2158 martagon v album white 60-100cm >  
2159 martagon v cattaniae wine 60cm 35 106 143  
2160 michiganense orange-red 1.5m 63  
2161 monadelphum yellow 1m 67 245  
2162 nanum pink 40cm 157  
2163 nanum v flavidum yellow 12cm 157  
2164 nepalense chartreuse/purple to 1m 324  
2165 oxypetalum yellow 15-30cm 35  
2166 oxypetalum tall form deep pink 60cm 35  
2167 oxypetalum v insigne mauve 20cm 245  
2168 pardalinum orange 2m 204  
2169 philadelphicum orange 60-75cm 314  
2170 pumilum red-orange 60cm 51 226 335  
2171 pumilum (fasciated stem) red 70cm 335  
2172 pyrenaicum yellow 60cm 35 318  
2173 regale white/pink to 2m >  
2174 regale 'Album' white 2m 132  
2175 sp mix 57  
2176 sp ex China Coll 30cm 35  
2177 sp ex Nepal Coll 30cm 35  
2178 species mixed 78  
2179 superbum orange-red 2m 154 314 340  
2180 tenuifolium red 45cm 314  
2181 Trumpet hybrids mixed 1.2m 366  
2182 tsingtauense ex China orange 100cm 344  
2183 **Limnanthes** douglasii white/yellow 15cm 163  
2184 **Limonium** bellidifolium purple 10-30cm 180  
2185 carolinianum lilac 42  
2186 minutum purple 18cm 178  
2187 **Linaria** aeruginea yellow/purple 3-40cm 140  
2188 alpina mix 5-25cm 7 234

**Garden Collected**

**Garden Collected**

- 2189 **Linaria** capraria blue/white 30cm 145  
 2190 maroccana mix 20cm 139  
 2191 purpurea violet-purple 20-60cm 116 266  
 2192 purpurea 'Canon Went' purple 45cm 8  
 2193 supina yellow/orange 20cm 90  
 2194 triphylla purple 45cm 340  
 2195 vulgaris yellow/orange 40m 349  
 2196 **Lindelofia** longiflora blue 45cm 289  
 2197 **Linum** africanum 215  
 2198 amurense blue 80cm 235  
 2199 arboreum yellow 30cm 81 178  
 2200 austriacum ssp caucasicum blue 20cm 24  
 2201 capitatum yellow 20-30cm 25 40 117  
 2202 cariense 24  
 2203 flavum yellow 20 cm 178 264  
 2204 kingii yellow 90cm 195  
 2205 monogynum dwarf white 12-15cm 35  
 2206 perenne blue 50cm 161  
 2207 perenne 'Blau Saphir' blue 30cm 282  
 2208 pumilum 24  
 2209 suffruticosum ssp salsoloides white/pink 5cm 150  
 2210 suffruticosum ssp salsoloides 'Nanum' white 34  
 2211 uninerve 24 360  
 2212 **Littonia** modesta orange 1.2m Cl 126  
 2213 **Lobelia** aberdarica lilac-blue 1.5m 58  
 2214 anatina 70cm 311  
 2215 bridgesii pink 130cm 52  
 2216 bridgesii ex Chile pink 45cm 58  
 2217 cardinalis red 1m >  
 2218 gibberoa ex Kenya cream 3m 58  
 2219 siphilitica blue 75cm >  
 2220 siphilitica 'Alba' white 60cm 3 322  
 2221 tupa red to 2m 55 240  
 2222 **Lophospermum** erubescens 104  
 2223 scandens mix 180cm 327  
 2224 **Lotus** grandiflorus cream 60cm 271  
 2225 hirsutus yellow 60cm 140  
 2226 **Lunaria** annua (Pl) purple 60cm 53 161  
 2227 rediviva mauve 75cm 130  
 2228 **Lupinus** albifrons blue-purple 76-100cm 36 336  
 2229 breweri 36  
 2230 littoralis blue/white 30cm 55  
 2231 'Noble Maiden' white 150cm 282  
 2232 perennis blue 60cm 349  
 2233 polyphyllus blue 1m 55  
 2234 regalis (x) yellow 45cm 349  
 2235 **Luzula** multiflora ssp multiflora brown  
 to 30cm 182  
 2236 nivea white 60cm 45 311  
 2237 sylvatica 45cm 171  
 2238 **Lychnis** alpina pink 15cm >  
 2239 arkwrightii 'Vesuvius' (x) red 15cm 25  
 2240 chalcedonica coral 100cm 69  
 2241 chalcedonica pale pink 8  
 2242 chalcedonica 'Alba' white 3 8 319  
 2243 chalcedonica 'Salmonea' 319  
 2244 cognata orange 15-40cm 15 86  
 2245 coronaria purple-red 60-90cm >  
 2246 coronaria 'Alba' 75cm 3 8 189  
 2247 flos-cuculi pink 25cm 323  
 2248 flos-cuculi pink to 75cm >  
 2249 flos-cuculi 'Nana' 10cm 91 166  
 2250 flos-cuculi v congesta pink 10cm 319  
 2251 flos-jovis pink 40cm 65

**Linaria-Mimulus**

- 2252 **Lychnis** flos-jovis red 30cm 149  
 2253 flos-jovis 'Peggy' pink 12-20cm 149 217  
 2254 sieboldii red flr-dark new lvs 50cm 231 287  
 2255 viscaria purple 60cm 149 210 320  
 2256 wilfordii red 45cm 292  
 2257 yunnanensis white/pink 15 cm 66 172 249  
 2258 **Lycopus** europaeus 49  
 2259 lucidus 49  
 2260 **Lysimachia** atropurpurea 'Geronimo' 144  
 2261 japonica v minutissima yellow 3cm 332  
 2262 lichiangensis pink to 45cm 172  
 2263 vulgaris yellow 50-160cm 189  
 2264 **Maackia** amurensis 12m 307  
 2265 **Magnolia** macrophylla x M. ashei white 10m 255  
 2266 tripetala cream 12m 341  
 2267 virginiana white 6m 314  
 2268 **Malva** moschata pink 50cm 35 345  
 2269 moschata f alba white 30-60cm 3 189  
 2270 sylvestris 'Zebrina' purple to 1m 362  
 2271 **Mammillaria** wrightii pink 5cm 150  
 2272 **Mandragora** officinarum blue 20cm 49 243  
 2273 **Margyricarpus** pinnatus white 20cm 124  
 2274 **Marrubium** rotundifolium 336  
 2275 **Marshallia** caespitosa 40cm 6  
 2276 **Massonia** pustulata white 5-15cm 265 334  
 2277 **Matteuccia** struthiopteris 1.5m 3  
 2278 **Matthiola** montana pink-lavender 10 cm 340  
 2279 **Maurandya** barclayana alba white 2-3m 44  
 2280 **Meconopsis** betonicifolia blue 70 cm >  
 2281 betonicifolia cf smaller blue 80-90cm 84  
 2282 betonicifolia 'Hensol Violet' violet 30-40cm  
 35 245  
 2283 betonicifolia v alba white 75cm 172  
 2284 betonicifolia violet 61  
 2285 cambrica mix 149 351  
 2286 cambrica yellow 50cm >  
 2287 cambrica 'Frances Perry' tomato red  
 30cm 24 210  
 2288 Fertile Blue Group (Sheldonii) blue 35  
 2289 horridula blue 40-100cm 245 318  
 2290 integrifolia yellow 120cm 131  
 2291 integrifolia yellow 50-80cm 245  
 2292 'Lingholm' (Fertile Blue Group) blue 90cm >  
 2293 napaulensis mix 2.4m 219  
 2294 paniculata yellow 2m 361  
 2295 pseudointegrifolia yellow 40-100cm 131  
 2296 punicea scarlet 35cm 35 131  
 2297 sheldonii (x) blue 50-75cm 139  
 2298 sp blue 90 cm 136  
 2299 superba white 60cm 35  
 2300 **Medicago** marina yellow 15-20cm 182  
 2301 **Melasphaerula** ramosa yellow 25cm 77  
 2302 **Melittis** melissophyllum white/rose 30-50cm  
 49 59  
 2303 **Melocactus** matanzanus pink 9cm 98  
 2304 **Mentzelia** decapetala white 63cm 316  
 2305 **Merendera** montana mauve-white 7.5cm 79  
 2306 **Mertensia** sibirica blue to 45cm 24  
 2307 **Mibora** minima 5-10 cm 1  
 2308 **Michelia** fujianense 142  
 2309 szechuanica 142  
 2310 **Micromeria** thymifolia white/violet 50 cm 226  
 2311 **Mimulus** cardinalis scarlet 40-120cm 316  
 2312 cupreus red 25cm 46

**Garden Collected**

**Mimulus-Opuntia****Garden Collected**

- 2313 **Mimulus** kelloggii 321  
 2314 luteus yellow 60cm 172  
 2315 pictus red/white 20cm 321  
 2316 ringens violet 1m 134  
 2317 **Minuartia** bulgarica 260  
 2318 circassica white 15cm 260  
 2319 laricifolia white 8 cm 209  
 2320 patula white 20cm 220  
 2321 recurva white 6cm 59 64  
 2322 rossii pink 5cm 260  
 2323 **Mirabilis** jalapa white 80cm 243  
 2324 longiflora white 60cm 271  
 2325 **Mitella** diphylla white 30cm 290  
 2326 stauropetala white 20cm 290  
 2327 **Moltkia** petraea blue 25cm 24 65 209  
 2328 suffruticosa 25cm 34  
 2329 **Monarda** austromontana mauve 55cm 316  
 2330 bradburyana mauve 80cm 73  
 2331 fistulosa pink/purple 90cm 349  
 2332 punctata pink 60cm 24  
 2333 **Monardella** macrantha 'Marion Sampson' red  
 10-12cm 45  
 2334 odoratissima ssp discolor 260  
 2335 villosa lavender 20 cm 215  
 2336 **Moraea** huttonii yellow 1m 82  
 2337 setifolia blue 20-40cm 16  
 2338 vegeta white 20cm 16  
 2339 **Morina** longifolia pink/white 1m >  
 2340 **Muscari** azureum blue 15cm 68 116  
 2341 azureum 'Album' white 12cm 231  
 2342 botryoides blue 20cm 213  
 2343 botryoides 'Album' 35  
 2344 comosum blue 60 cm 31 210 260  
 2345 latifolium blue 20cm >  
 2346 neglectum purple 12cm 16  
 2347 pseudomuscari blue 15cm 23  
 2348 racemosum ex Archibald 23  
 2349 tenuiflorum lightbrown/ivory 25cm 130  
 2350 **Mutisia** ilicifolia pink 3m 190  
 2351 spinosa pink 1.5m 11 94  
 2352 **Myosotidium** hortensia blue 60cm 35 58 172  
 2353 hortensia white 35  
 2354 **Myosotis** scorpioides blue 15cm 349  
 2355 traversii white-furry-scrub to 15cm 211  
 2356 **Myrrhis** odorata white 50cm 220  
 2357 **Narcissus** bulbocodium yellow 11cm 82 115 181  
 2358 bulbocodium ex Oukaimeden Morocco 106  
 2359 bulbocodium (tall form) 79  
 2360 bulbocodium v conspicuus 35 204  
 2361 bulbocodium v nivalis yellow 10cm 35 57  
 2362 bulbocodium v tenuifolius yellow 10cm 35 237  
 2363 cantabricus 23  
 2364 cantabricus ssp cantabricus v foliosus white 300  
 2365 cyclamineus yellow 10cm 39 57  
 2366 fernandesii yellow 35cm 57 237 245  
 2367 minor yellow 25cm 357  
 2368 nevadensis 203  
 2369 nevadensis hybrid 299  
 2370 obesus 106  
 2371 obesus tall form 20cm 35  
 2372 poeticus v physaloides 92  
 2373 radinganorum (cf) 203  
 2374 romieuxii yellow frilled 30cm 31  
 2375 romieuxii ssp albidus v albidus (op) 57  
 2376 **Narcissus** romieuxii ssp romieuxii (op) 57  
 2377 rupicola 'Moro Dwarf' 79  
 2378 scaberulus yel-orange 20-30cm 219  
 2379 serotinus 20cm 106  
 2380 'Tarlatan' (op) 57  
 2381 triandrus white 15 cm 39  
 2382 triandrus ssp triandrus cream 10cm 57  
 2383 viridiflorus 25cm 126  
 2384 **Nectaroscordum** siculum pale pink 1.5m 210  
 2385 siculum ssp bulgaricum gm/pur 70 cm 45  
 2386 tripidale pink 90 cm 45 335  
 2387 **Nemophila** maculata white/violet eye  
 15cm 24 316  
 2388 menziesii blue/white eye 20cm 24 316  
 2389 **Nepeta** amethystina ssp laciniata 25cm 336  
 2390 clarkei blue to 100cm 235 281  
 2391 laevigata 49  
 2392 phyllochlamys pink 7-15 cm 143 336  
 2393 tuberosa purple 30-60cm 140  
 2394 tuberosa ex Spain purple 50-100cm 242  
 2395 **Nicandra** physaloides blue 75cm 69  
 2396 physaloides 'Violacea' purple 30cm 220  
 2397 **Nicotiana** rustica 1m 248  
 2398 sp smoky maroon 75-90cm 333  
 2399 sylvestris white 1.5m 112  
 2400 **Nigella** sativa 45cm 49  
 2401 **Nolana** paradoxa blue 25cm 178  
 2402 **Nolina** microcarpa pink 1m 198  
 2403 **Nomocharis** aperta pink 40cm 35 107 291  
 2404 farreri white/pink 60cm 58  
 2405 saluenensis ex Cox 6116 35  
 2406 **Notholirion** bulbiferum blue 75 cm 157  
 2407 macrophyllum 90cm 157  
 2408 **Nothoscordum** ostenii 106  
 2409 **Oenothera** ammophila 191  
 2410 biennis yellow 10-150cm 305  
 2411 caespitosa white 15cm 195  
 2412 'Colin Porter' red/yellow edge 7.5cm 173  
 2413 coryi 215  
 2414 longiflora 90cm 191  
 2415 macrocarpa yellow 30cm 281  
 2416 oakesiana 191  
 2417 rosea pink 30cm 140  
 2418 stricta yellow/red leaves 60-80cm 189 191  
 2419 triloba yellow 20cm 24 324  
 2420 versicolor 191  
 2421 **Olearia** monroei (nv) white 1m 140  
 2422 **Omphalodes** kuzinskyanae white 20cm 185  
 2423 linifolia white 25cm 220 303 316  
 2424 **Onobrychis** cornuta 260  
 2425 **Ononis** campestris rose 40cm 235  
 2426 **Onosma** alborosea white-pink to 20cm 124  
 2427 euboica yellow 30cm 90  
 2428 nana white 10cm 301  
 2429 nana cf ex Turkey pure white 360  
 2430 sericea light yellow 30cm 336  
 2431 sp yellow 7.5cm 81  
 2432 taurica yellow 30cm 319  
 2433 **Ophiopogon** planiscapus 209  
 2434 planiscapus 'Ebony Knight' black lvs/lavender  
 flr 25cm 45  
 2435 planiscapus 'Nigrescens' lavender  
 20 cm 173 311  
 2436 **Opuntia** compressa yellow 17cm 85

**Garden Collected**

**Garden Collected**

- 2437 **Opuntia** fragilis (spineless) Yellow 336  
 2438 fragilis v fragilis (spineless) pink 336  
 2439 humifusa yellow 30cm 349  
 2440 leucotracha yellow 150-200cm 350  
 2441 **Origanum** rotundifolium 20cm 152  
 2442 vulgare lilac-lavender to 90cm 350  
 2443 **Orlaya** grandiflora white 50cm 197 220  
 2444 **Ormosia** henryi 142  
 2445 **Ornithogalum** longibracteatum white 60cm 108  
 2446 narbonense 45cm 23  
 2447 nutans white/green to 50cm 23  
 2448 pyrenaicum pale yellow 20-60cm 237  
 2449 pyrenaicum white 40cm 220  
 2450 sigmoideum white 5cm 31  
 2451 sintenisii white/green stripe 6cm 23  
 2452 **Orostachys** chanetii 336  
 2453 minutus 336  
 2454 thyrsoflora 336  
 2455 **Orthrosanthus** chimboracensis blue  
 30cm 198 271  
 2456 laxus 60cm 130  
 2457 sp ex Ecuador blue 60cm 58  
 2458 **Osteospermum** sp mix 230  
 2459 sp (old var mixed) white tinged purple 50cm 12  
 2460 **Ourisia** macrophylla white to 60cm 130  
 2461 **Oxalis** acetosella 'Rosea' 322  
 2462 squamata ex F&W8413 rose 8cm 152  
 2463 **Oxypetalum** caeruleum turquoise 1m 329  
 2464 **Oxytropis** borealis v viscida ex Sevier Co., UT  
 near white 12cm 150  
 2465 campestris yellow 10-15cm 19  
 2466 chankaensis pink-purple 15-20cm 260  
 2467 lapponica violet/blue 10-15cm 182  
 2468 megalantha magenta 15cm 18 260 280  
 2469 montana 150  
 2470 oreophila v juniperina pink/purple 195 260  
 2471 shokanbetsuensis magenta 13cm 209  
 2472 **Pachystegia** minor white 40cm 124  
 2473 **Paeonia** anomala red 50cm 267  
 2474 broteri rose 40cm 17  
 2475 cambessedesii deep-rose 45cm 125  
 2476 chamaeleon (x) cream/pink 60cm 200  
 2477 delavayi Potaninii Group red 70cm 247  
 2478 delavayi v ludlowii yellow 1.5-2m 61  
 2479 delavayi v lutea 309  
 2480 emodi white 60-90cm 17 154  
 2481 japonica cream 60cm 24 73 330  
 2482 lactiflora 'Krinkled White' white 1-1.5m 343  
 2483 mairei 44  
 2484 mascula ssp arietina 80 cm pink 154  
 2485 mascula ssp mascula red 70cm 68 154  
 2486 mascula ssp triternata pink 40cm 106  
 2487 mlokosewitschii cream yellow 40-60cm 154  
 2488 mlokosewitschii yellow 40-60cm >  
 2489 mlokosewitschii yellow/pink 17  
 2490 mlokosewitschii hybrid mix 208 334  
 2491 obovata pink 60cm >  
 2492 obovata v alba white 60cm 220 286 334  
 2493 officinalis red 60cm 251  
 2494 officinalis ssp banatica red 60cm 187  
 2495 officinalis ssp microcarpa 289  
 2496 officinalis ssp villosa pink 40cm 110 193 293  
 2497 ostii white 60cm 124  
 2498 rockii white w/dark eye 17 342

**Opuntia-Parahebe**

- 2499 **Paeonia** rockii ex Dr. Cheng white- dark eye 314  
 2500 suffruticosa 'Hana-kiso'i' pink 1-1.5m 343  
 2501 tenuifolia red to 60cm 19 106  
 2502 tenuifolia ssp lithophila red 30cm 17 154  
 2503 veitchii deep magenta to 50cm >  
 2504 veitchii v woodwardii pale pink 40cm 31 245 286  
 2505 wittmanniana cream yellow 40cm 289  
 2506 **Panax** sp 353  
 2507 **Papaver** alboroseum lt pink-salmon 20cm 352  
 2508 alboroseum mix 10cm 35  
 2509 alpinum mix 15cm 35 115 148  
 2510 alpinum orange 20cm 7  
 2511 amurense white 50cm 231  
 2512 anomalum album white 50cm 248 260  
 2513 apokrinomenon orange 45 cm 190  
 2514 apokrinomenon (cf) orange 35 cm 140  
 2515 atlanticum orange 30cm 15 110 111  
 2516 burseri white 25cm 35 220 291  
 2517 commutatum 40cm 35  
 2518 fauriei yellow to 20cm 123 206  
 2519 'Fireball' 35  
 2520 glaucum red to 50cm 178  
 2521 lapeyrousianum 210  
 2522 miyabeianum pale yellow 10-15cm >  
 2523 nudicaule pink double 30cm 276  
 2524 nudicaule yellow 25cm 60  
 2525 nudicaule 'Pacino' pale yellow 20cm 249  
 2526 nudicaule v croceum 149 260  
 2527 nudicaule Wonderland Series mixed 149  
 2528 orientale clear red 347  
 2529 orientale mix 90cm 106  
 2530 orientale orange 90cm 350  
 2531 orientale 'Beauty of Livermere' orange 10  
 2532 orientale ex JCA752-250-Turkey scarlet 266  
 2533 pilosum pale orange 20cm 365  
 2534 radicatum pink 20cm 192  
 2535 radicatum yellow/white 15cm 144  
 2536 radicatum ssp kluanense lemon 10 cm  
 24 149 231  
 2537 rhoeas mix-single 30cm 136  
 2538 rhoeas red 12cm 232  
 2539 rhoeas (dark form) dark red, black base 266  
 2540 rhoeas Mother of Pearl Group white 1m 352  
 2541 rupifragum orange 20cm 336  
 2542 rupifragum 'Flore Pleno' orange  
 double 30-40cm 300 313  
 2543 sendtneri white 20cm 59  
 2544 somniferum dbl black-dark burgundy 90cm 69  
 2545 somniferum mix 90cm 35 82  
 2546 somniferum pink single 7  
 2547 somniferum red wine 61  
 2548 somniferum salmon pink single 134  
 2549 somniferum (cf) soft pink 3  
 2550 somniferum 'Danish Flag' red-white 30  
 2551 somniferum 'Lauren's Grape' purple  
 90 cm 53 136  
 2552 somniferum 'Paddy's Purple' (nv) 35  
 2553 suaveolens red 10cm 143  
 2554 tauricola orange 43 cm 336  
 2555 triniifolium orange 60 cm 73  
 2556 **Paradisea** liliastrum white 35-50cm >  
 2557 liliastrum 'Major' 90cm 115  
 2558 lusitanica white to 150cm >  
 2559 **Parahebe** catarractae pink 34

**Garden Collected**

**Pardanthopsis-Penstemon****Garden Collected**

2561	<b>Pardanthopsis</b> dichotoma blue 60cm 349	2622	<b>Penstemon</b> frutescens violet 20cm 123
2562	<b>Paris</b> quadrifolia white 20cm 82	2623	fruticosus 'Purple Haze' purple 12-15cm 36
2563	<b>Parnassia</b> asarifolia white 24cm 283	2624	fruticosus v fruticosus 260
2564	<b>Parodia</b> erubescens yellow 10 cm 143	2625	fruticosus v scouleri f albus 25cm 35
2565	mamulosa yellow 8 cm 98	2626	fruticosus v serratus 'Holly' purple 336
2566	<b>Paronychia</b> argentea (cf) silver foliage yellow 2cm 183	2627	glandulosus v chelanensis blue 30cm 281
2567	kapela ssp chionaea 194	2628	grandiflorus mix 35cm 193 306 319
2568	<b>Patrinia</b> triloba yellow 30cm 301	2629	grandiflorus pale purple 60 cm 366
2569	<b>Pectis</b> angustifolia yellow 12cm 316	2630	grandiflorus 'Prairie Snow' white 15
2570	<b>Pedicularis</b> chamissonis ssp japonica red 30cm 123	2631	hallii blue purple 15cm 19 25 70
2571	<b>Pelargonium</b> australe white/purple 20cm 129	2632	heterophyllus ex 'Margarita BOP' blue/narrow lvs,tight form 204
2572	endlicherianum pink 10-20cm 121 258	2633	hirsutus lavender/pink 15cm 60
2573	myrrhifolium v coriandrifolium pink 66	2634	hirsutus pale violet 40-80cm 288 298
2574	odoratissimum white 30cm 189	2635	hirsutus f albiflorus white 40cm 143
2575	pseudoglutinosa rose 35cm 189	2636	hirsutus v pygmaeus lavender-pink 15cm >
2576	quinquelobatum gray 25cm 66	2637	hirsutus v pygmaeus f albus white 10cm 288 340
2577	radens rose 35cm 189	2638	humilis blue 10cm 260
2578	sidoides pink 30cm 189	2639	humilis ssp brevifolius dark blue 10cm 150
2579	sp (perennial type) pink 20cm 185	2640	jamesii pink 40cm 214
2580	<b>Pellaea</b> falcata 10cm 41	2641	laricifolius ssp exilifolius white 15cm 260
2581	rotundifolia 41	2642	lentus dark pink 195
2582	<b>Pennisetum</b> alopecuroides 'Hameln' 60cm 3	2643	linarioides 20 cm 360
2583	<b>Penstemon</b> acuminatus 60cm 336	2644	linarioides ssp coloradoensis violet 20cm 260
2584	albidus white 25cm 260 319	2645	lyallii to 80cm 172 298
2585	alpinus blue 50-65cm 130	2646	'Madera' (ex) (nv) deep royal purple 204
2586	arenicola 30cm 34 194	2647	Mexicali hybrids rosy pink 30-50cm 352
2587	aridus 336	2648	Mexicali x 'Pike's Peak Purple' (ex) 260
2588	attenuatus v attenuatus 260	2649	'Mexicana' rosy pinkred 20 cm 34
2589	attenuatus v pseudoprocerus blue 20cm 129	2650	murrayanus red 90cm 15
2590	auriberbis lavender 20cm 260	2651	newberryi ssp newberryi magenta 5-7.5cm 167
2591	azureus ssp angustissimus blue 30cm 100 260	2652	nitidus blue 10-25cm >
2592	barbatus red 1.2m 336	2653	ophianthus violet 15cm 150
2593	barbatus white-pink 16cm 85	2654	ovatus blue 50-100cm 26 251 294
2594	breviculus 260 336	2655	palmeri light pink 1m 100 194 336
2596	californicus purple 20cm 325	2656	parryi rose up to 122cm 100
2597	calycosus purple 90cm 279	2657	paysoniorum ex Wyoming 2200m lavender blue 15-20 cm 211
2598	canescens lavender 60 cm 279	2658	pinifolius red 20cm 105
2599	cardwellii pink/purple 26cm >	2659	pinifolius 'Compactus' orange-red 20cm 60
2600	cardwellii x barrettiae (cf) blue 15cm 288	2660	pinifolius 'Magdalena Sunshine' yellow 288
2601	cinicola 60cm 288	2661	procerus blue 10-40cm 120 167 260
2602	clutei purple/pink 80cm 279 336	2662	procerus blue 8cm 25
2603	cobaea red-purple 60cm 154	2663	procerus v brachyanthus blue 15cm 35
2604	comarrhenus violet-blue 60cm 150	2664	procerus v formosus blue 12.5cm 336
2605	confertus cream 20-50cm >	2665	procerus v tolmiei blue-purple 10-20cm 259
2606	cyananthus blue 60-90 cm 114 260	2666	procerus v tolmiei white 10-15cm 156
2607	cyananthus v subglaber blue 150	2667	pruinosis purple 20cm 260
2608	cyaneus blue 60cm 172 288	2668	'Puyallup Pink' pink 10cm 260
2609	davidsonii v menziesii 'Microphyllus' blue-purple 5cm 36	2669	rattanii blue 60cm 294
2610	davidsonii v praeteritus lavender 10 cm 33	2670	'Red Rocks' bright pink 40 cm 260 279
2611	digitalis light purple 70cm 349	2671	richardsonii ex Klickitat County, WA 288
2612	digitalis white to 90 cm 285 286	2672	richardsonii v richardsonii pink 40cm 260 294
2613	digitalis 'Husker Red' red leaves/white flower 90 cm 85	2673	rostriflorus scarlet 30-40cm 214
2614	eatonii red 45 cm 160	2674	rupicola pink 13 cm 19 25
2615	eatonii ssp eatonii 306	2675	rupicola x cardwellii 13cm 25
2616	'Elfin Pink' 25cm 214	2676	secundiflorus pink 40 cm 150
2617	eriantherus mix 18cm 260	2677	serrulatus blue-purple 30-70cm >
2618	eriantherus pink 10-30cm 195	2678	serrulatus deep blue 45cm 26
2619	eriantherus purple 10-30cm 194	2679	serrulatus 'Albus' 288
2620	eriantherus (dwarf form) 12.5cm 260	2680	smallii purple-pink 50cm >
2621	euglaucus purple 30cm 264 288	2681	sp blue-red 10cm 70
		2682	sp pink 7.5cm 230
		2683	sp rose 25cm 25

**Garden Collected**

**Garden Collected****Penstemon-Potentilla**

- 2684 **Penstemon** strictus purple 80cm 26  
 2685 teucroides blue 7.5cm 150  
 2686 tubaeiflorus white 30-90 cm 279  
 2687 unilateralis blue 60cm 210  
 2688 venustus lavender/purple 40cm 279  
 2689 virens blue 20cm 64 260 336  
 2690 virgatus ssp asa-grayi 150 260  
 2691 wardii lt blue 45cm 195  
 2692 washingtonensis dark blue 18cm 260  
 2693 whippleanus purple 50cm 294  
 2694 **Pentaglottis** sempervirens blue 30-60cm 266  
 2695 **Pentapetes** phoenicea red 100-150cm 255  
 2696 **Penthorum** chinense white 50 cm 71  
 2697 **Pericallis** lanata 210  
 2698 **Perilla** hirtella pink 50cm 71  
 2699 **Periploca** graeca green/purple to10m 351  
 2700 **Perovskia** abrotanoides blue 90-150cm 49  
 2701 **Persicaria** amplexicaulis 'Atrosanguinea' red 266  
 2702 orientalis red 2m 305  
 2703 virginiana 'Painter's Palette' red 30-50cm 315  
 2704 **Petrocallis** pyrenaica pink 15cm 221  
 2705 **Petrocoptis** pyrenaica ssp glaucifolia pink  
 to 15 cm 219  
 2706 **Petrophytum** caespitosum cream 15cm  
 143 217 340  
 2707 caespitosum ex CO (very vigorous) cream  
 15cm 336  
 2708 cinerascens white 152 336  
 2709 **Petteria** ramentacea 2m 5  
 2710 **Phacelia** bolanderi lavender 20cm 34 140  
 2711 campanularia blue 15 cm 24  
 2712 sericea purple 20 cm 97 149  
 2713 **Phlomis** cashmeriana 1 m 109 336  
 2714 fruticosa yellow 75cm 116  
 2715 grandiflora 289  
 2716 russeliana yellow 1m 130 220 289  
 2717 samia dull purple 90cm 269  
 2718 tuberosa pink 1.2m >  
 2719 **Phlox** hoodii mix 3-6cm 297  
 2720 **Phormium** tenax 3m 11  
 2721 **Phuopsis** stylosa rose 15cm 161  
 2722 **Phyllodoce** empetriformis pink 15-20cm 268  
 2723 **Physaria** chambersii yellow 15cm 150  
 2724 didymocarpa yellow 25cm 15 19  
 2725 **Physochlaina** orientalis 38cm 5  
 2726 **Phyteuma** hemisphaericum blue 25cm  
 115 252 260  
 2727 humile blue 15cm 1 60 249  
 2728 nigrum dark blue 40cm 37 139 166  
 2729 orbiculare blue 30 -50 cm 144 188 237  
 2730 orbiculare white 15cm 19  
 2731 scheuchzeri blue 25cm >  
 2732 sieberi blue 25 cm 60 178  
 2733 vagneri dark blue 30cm 90  
 2734 **Phytolacca** acinosa white 150cm 235  
 2735 americana white 3m 319  
 2736 **Pilosella** aurantiaca orange 30cm 12  
 2737 **Pimpinella** major 'Rosea' pink 347  
 2738 rhodantha pink 70cm 221  
 2739 **Pinellia** tripartita green 30cm 315  
 2740 tripartita 'Atropurpurea' 24  
 2741 **Pinguicula** grandiflora blue 10cm 35 164  
 2742 **Pityopsis** falcata ex Martha's Vineyard,MA  
 yellow 10cm 344
- 2743 **Plantago** asiatica 'Variegata' 7-20 cm 348  
 2744 camtschatica green 30cm 235  
 2745 maritima 179  
 2746 maritima ssp juncooides 179  
 2747 nivalis white furry leaves 8cm 217 280  
 2748 **Platycodon** grandiflorus blue to 70cm >  
 2749 grandiflorus 'Apoyama' blue 25cm 318  
 2750 grandiflorus dwarf form blue 30-35cm 136  
 2751 grandiflorus 'Fuji Blue' blue 70cm 3  
 2752 grandiflorus 'Hime-murasaki' 24  
 2753 grandiflorus 'Mariesii' blue 25cm 116 210  
 2754 grandiflorus 'Perlmuttererschale' 101 174  
 2755 grandiflorus 'Sentimental Blue' blue 10-15cm  
 34 110 111  
 2756 grandiflorus v nanus blue 20cm 24 327  
 2757 **Podophyllum** delavayi pink 70cm 231  
 2758 hexandrum mix 40cm 320  
 2759 hexandrum pink 40cm 15 254  
 2760 hexandrum white 40cm 122  
 2761 **Polanisia** dodecandra white 45cm 307 347  
 2762 **Polemonium** brandegeei yellow 10-30cm >  
 2763 caeruleum v album white 30-90cm 59  
 2764 caeruleum v lacteum 172  
 2765 chartaceum blue 9-15cm 217  
 2766 pauciflorum yellow 20cm 235  
 2767 pulcherrimum blue to30cm 284  
 2768 vanbruntiae blue 60cm 283  
 2769 viscosum blue 10cm 136 318  
 2770 **Pollia** japonica 1m 315  
 2771 **Polygonatum** falcatum ex Honshu, Japan  
 HC970546 90cm 359  
 2772 inflatum ex Shikoku,Japan 60cm 359  
 2773 lasianthum ex Cheju Island,SKorea HC970280  
 60 cm 359  
 2774 **Polymnia** canadensis 191  
 2775 **Polypodium** interjectum to25cm 204  
 2776 **Polystichum** acrostichoides 30cm 3  
 2777 **Polyxena** ensifolia 130  
 2778 longituba white 5-7 cm 13  
 2779 **Potentilla** alchemilloides white 20cm 200  
 2780 arguta 12.5cm 191  
 2781 aurea yellow to30cm 239  
 2782 crantzii yellow 10-30cm 332 336 337  
 2783 dickinsii yellow 5cm 217 267  
 2784 erecta 45cm 43  
 2785 eriocarpa yellow 6cm 46 217  
 2786 gelida 15  
 2787 gracilis yellow to 60cm 9 215 301  
 2788 grandiflora pink 40cm 341  
 2789 hyparctica yellow 15cm 149  
 2790 hyparctica v nana yellow 5-10cm 7 143 336  
 2791 matsumurae v yuparensis 244  
 2792 megalantha red 60cm 69  
 2793 megalantha yellow 30cm >  
 2794 montenegrina yellow 40cm 249  
 2795 nepalensis red 35-45cm 350  
 2796 nepalensis 'Miss Willmott' peach/red 25cm 239  
 2797 nitida pink 5cm 65  
 2798 nitida 'Rubra' flat 301  
 2799 nivea yellow 10cm 120  
 2800 pulvinaris yellow 5cm 260  
 2801 recta 'Warrenii' 210  
 2802 thurberi red 45cm 311  
 2803 thurberi 'Monarch's Velvet' salmon red 30cm 349

**Garden Collected**

**Potentilla-Pulsatilla****Garden Collected**

2804	<b>Potentilla</b> tonguei (x) apricot/red 10cm 231 ( <i>tridentata</i> > see <i>Sibbaldiopsis tridentata</i> )	2866	<b>Primula</b> veris yellow 20cm >
2805	<b>Primula</b> alpicola mix 35cm 138	2867	veris hybrids mix red/yellow 201
2806	alpicola v alba white to 50cm 346	2868	veris ssp macrocalyx yellow/red 15 cm 49 199
2807	apocrita 157	2869	veris 'Sunset Shades' red parents 30cm 52
2808	aurantiaca light orange 45cm 251	2870	vialii purple 30cm 132 136
2809	aurantiaca red-orange 30cm 165	2871	villosa ssp commutata 200
2810	auricula dark red 54	2872	vulgaris mix 355
2811	auricula mix 10-20cm 148	2873	waltonii purple 15cm 320
2812	auricula yellow 10-20cm 291	2874	watsonii violet 15 cm 157
2813	boreiocalliantha rose-lavender 15-35cm 138	2875	yuparensis rose 10-15cm 59
2814	bulleyana deep red to orange to 60cm 182	2876	<b>Pritzelago</b> alpina white 5cm 7 336
2815	bulleyana yellow 32cm 276	2877	<b>Proboscidea</b> louisianica ssp fragrans 145
2816	bulleyana hybrids mix 247	2878	<b>Prunella</b> grandiflora purple 8-12cm 85 188
2817	burmanica 60cm 247 295	2879	grandiflora ssp pyrenaica red-violet 5-20cm 235
2818	candelabra hybrids mix 366	2880	laciniata mix to 30cm 140
2819	chionantha mix 30cm 131	2881	<b>Pseudolysimachion</b> ovatum 107
2820	chionantha white 15-25cm 156 245	2882	<b>Pseudotrillium</b> rivale white, spotted 15cm 204
2821	chionantha ssp sinopurpurea purple 40cm 138 346	2883	rivale (later bloomer) pink, unspotted smaller flw 15cm 204
2822	chungensis orange-yellow 30-60cm 59 172	2884	rivale 'Purple Heart' white w purple zone 204
2823	cockburniana orange 25cm 69	2885	<b>Psilostrophe</b> sparsiflora 194
2824	concholoba violet 18cm 172	2886	<b>Pterocephalus</b> depressus 260 336
2825	cortusoides pink 15cm 295 319	2887	perennis mauve 10cm >
2826	denticulata blue 15-30cm 117	2888	pinardii light pink 8cm >
2827	denticulata mix 30 cm 295	2889	<b>Pulsatilla</b> alba 221
2828	denticulata purple 15-30cm 117	2890	albana lilac 20cm 35 221 301
2829	denticulata violet 25-30cm 32	2891	albana 'Alba' 54
2830	denticulata white 15-30cm 117	2892	albana 'Lutea' yellow 15-30cm >
2831	elatior yellow 12cm 147 351	2893	alpina ssp alpina white 30-40cm 192
2832	elatior ssp meyeri 221 287	2894	alpina ssp apiifolia pale yellow 30-40cm >
2833	florindae mix 50cm 165 346	2895	ambigua violet 25cm 192
2834	florindae yellow 50cm 172 346	2896	campanella 25cm 221 336
2835	frondosa pink 15cm 148 327	2897	caucasica yellow 20cm 19
2836	halleri lilac to 18cm 19 346	2898	cernua wine 20cm 221
2837	hirsuta pink 10cm 59	2899	chinensis purple 30-60 cm 221
2838	japonica magenta 45cm 199	2900	georgica ex JJH 9608112 pale blue 30cm 152
2839	japonica mix to60cm >	2901	halleri lavender 30cm 35 172 291
2840	japonica 'Alba' white 40cm 199 288	2902	halleri white 35
2841	japonica 'Carminea' 172	2903	halleri ssp slavica mauve 30cm 252
2842	japonica 'Glowing Embers' red 45cm 172 352	2904	halleri ssp slavica red/purple 40cm 35 121
2843	japonica 'Miller's Crimson' red to60cm >	2905	halleri ssp slavica 'Alba' 20cm 54
2844	japonica 'Postford White' 60cm 346 352	2906	kostyczewii purplish red 14cm 182
2845	japonica 'Valley Red' 35	2907	nipponica blue 10-30cm 237
2846	kewensis yellow 25-30 cm 62 172 219	2908	pratensis black purple 20cm 133
2847	marginata rose 10-25cm 59 87	2909	pratensis ssp bohémica dark purple 24
2848	modesta v faurieae white 5-10cm 157	2910	pratensis ssp nigricans purple-black 15-22 cm 24
2849	polyanthus mix 15cm 12	2911	rubra red 25cm 35 260
2850	polyneura deep pink 20-40cm 319	2912	sp dark blue 310
2851	prolifera mix 90cm 132 172	2913	turczaninovii blue/purple 25 cm 31 114
2852	pubescens (x) mix 15cm 194	2914	vernalis white/pink reverse to15cm >
2853	pulverulenta mix 40cm 132	2915	vulgaris blue 30cm 48 229 323
2854	reidii v williamsii 320	2916	vulgaris dark inky blue 204
2855	rosea rose pink 5-7.5cm 55 164	2917	vulgaris lavender 30cm 229
2856	rosea 'Grandiflora' pink 15cm 186	2918	vulgaris mix 45 cm >
2857	scandinavica purple 15cm 269	2919	vulgaris pink 30 cm 35
2858	scotica purple 10cm 157	2920	vulgaris purple 25cm >
2859	sieboldii lavender-pink 20cm 231	2921	vulgaris red 15-30cm >
2860	sieboldii mix 20cm 148 288 295	2922	vulgaris wine red 15-30cm 134
2861	sieboldii red 20cm 59	2923	vulgaris 'Alba' 25cm >
2862	sieboldii 'Dancing Ladies' mixed 40cm 12	2924	vulgaris English Native Form 35
2863	sikkimensis yellow 25cm >	2925	vulgaris fringed deep violet 253
2864	venusta (x) 10cm 165	2926	vulgaris fringed red 253
2865	veris mix 20cm >	2927	vulgaris fringed hybrids mix 20cm 260
		2928	vulgaris 'Gotlandica' purple 30 cm 79 253

**Garden Collected**



**Garden Collected****Pulsatilla-Salvia**

- 2929 **Pulsatilla** vulgaris 'Rode Klokke' 66  
 2930 vulgaris ssp grandis 'Papageno' coral 50cm 19  
 2931 vulgaris ssp grandis 'Papageno' mix  
 50cm 31 121  
 2932 vulgaris v rubra red 20cm 133 144  
 2933 **Putoria** calabrica pink 5-15cm 252  
 2934 **Puya** alpestris blue-green 155cm 271  
 2935 mirabilis 108  
 2936 **Pycnanthemum** californicum white 1m 215  
 2937 **Pyrrocoma** clementis ex Beaver Mts, UT yellow  
 7cm 150  
 2938 **Pyrrosia** serpens 24  
 2939 **Rabiea** sp (hardy) yellow 4cm 150  
 2940 **Raffenaldia** primuloides yellow/lilac 360  
 2941 **Ramonda** myconi blue 20cm 32  
 2942 myconi mix 15cm 121 127 221  
 2943 myconi violet 10-15cm 143 213 219  
 2944 myconi f alborosea white w/pink 8cm 211  
 2945 myconi 'Rosea' pink 8cm 19 29 352  
 2946 myconi v alba white 10cm 19 143  
 2947 nathaliae purple 10cm 221  
 2948 serbica purple 8cm 46 159 221  
 2949 **Ranunculus** acris 1m 320  
 2950 amplexicaulis white 25cm 67  
 2951 crenatus 10cm 35  
 2952 creticus yellow 20cm 124  
 2953 glacialis white 10cm 192  
 2954 gramineus yellow 20cm >  
 2955 lyallii white 90cm 10  
 2956 montanus yellow 15cm 252  
 2957 parnassiifolius white 15-20 cm 192  
 2958 platanifolius 118  
 2959 pseudohirculus 182  
 2960 spicatus yellow 20cm 140  
 2961 spicatus ssp fortqueri 182  
 2962 **Raoulia** glabra white 3cm 251  
 2963 grandiflora hybrid 35  
 2964 grandiflora hybrid 'Harold's Cross' 35  
 2965 **Rehmannia** elata rosy pink to 1m 277  
 2966 glutinosa magenta 75cm 298  
 2967 **Reseda** alba 80cm 189  
 2968 **Rheum** alexandrae cream 80cm 361  
 2969 australe white 1-1.5m 58  
 2970 **Rhexia** mariana pink 30cm 162  
 2971 **Rhodanthemum** gayanum 'Tizi-n-Tichka' white  
 5-10cm 90  
 2972 **Rhodiola** integrifolia red 20cm 231  
 2973 rosea red 18cm 144 353  
 2974 semenowii 165  
 2975 **Rhododendron** calostrotum ssp keleticum 10  
 2976 camschaticum magenta 15cm 11  
 2977 cuneatum 182  
 2978 degronianum ssp heptamerum v hondoense  
 182  
 2979 edgeworthii cch#8016 x self white/pink 1m 61  
 2980 intermedium (x) orange-red 50-60cm 159  
 2981 keysii orange-yellow 80cm 55  
 2982 macrophyllum white 3.5m 61  
 2983 racemosum rose 40cm 182  
 2984 russatum 1m 182  
 2985 yakushmanum pale pink 1m 55  
 2986 **Rhodotypos** scandens white 1.5m 289  
 2987 **Rhynchospora** colorata 140  
 2988 **Ribes** rubrum green/red fruit 60cm 349  
 2989 **Rigidella** orthantha red 45-60cm 58  
 2990 **Rodgersia** sambucifolia 90cm 3  
 2991 **Romanzoffia** californica white 15cm 271  
 2992 tracyi white 10cm 321  
 2993 **Romulea** bulbocodium blue-violet  
 10-15cm 13 31 182  
 2994 bulbocodium v clusiana violet 31  
 2995 bulbocodium v crocea yellow 15  
 2996 camerooniana v gigantea 16  
 2997 campanuloides blue 15cm 29  
 2998 citrina yellow 12-25cm 16  
 2999 columnae blue 10cm 245  
 3000 crocea yellow 15 cm 23  
 3001 diversiformis yellow 8-20cm 13  
 3002 hirta pale yellow 10-30 cm 16  
 3003 ligustica v rouyana 23  
 3004 minutiflora mauve 5-20 cm 334  
 3005 pratensis rose to white 12-25cm 130  
 3006 requienii dark violet 10cm 334  
 3007 rosea pink 12cm 29 260 265  
 3008 sp blue 10-15cm 15  
 3009 sp mauve 23  
 3010 speciosa (nv) 260  
 3011 tabularis blue 7.5-10cm 215 245  
 3012 tetragona violet 7.5-28cm 13  
 3013 thodei pink 15cm 152  
 3014 tortuosa yellow/brown 10-25cm 15  
 3015 zahnii 172  
 3016 **Rosa** 'Geranium' 134  
 3017 glauca deep pink 1.5-2m 130 266  
 3018 luciae v onoei ex Multi-petaled form white  
 20cm 152  
 3019 nutkana rose 2.4m 140  
 3020 rugosa ex Ibaraki Pref red 60cm 265  
 3021 **Roscoea** alpina mix 30 cm 82 224  
 3022 alpina pink 20 cm 128  
 3023 capitata white/pink 25.5cm 82  
 3024 cautleyoides yellow 75cm 128  
 3025 cautleyoides yellow/white 30cm 127  
 3026 scillifolia dark purple-black 10-15cm 357  
 3027 scillifolia pink 15cm 24  
 3028 tibetica 24  
 3029 tibetica bicolor lt-dark purple 24  
 3030 tumjensis 109  
 3031 **Rosularia** muratdaghensis 20cm 204  
 3032 sedoides 280  
 3033 sempervivum ssp glaucophylla 336  
 3034 **Rudbeckia** laciniata yellow 1m 349  
 3035 occidentalis 'Green Wizard' green/black cone  
 150cm 282  
 3036 triloba yellow 1m 349  
 3037 **Ruellia** ciliata v depressa lavender 3 cm 260  
 3038 humilis violet-pink 30cm 15 24  
 3039 **Rumex** nepalensis v andreanus green 80 cm 71  
 3040 **Sabatia** stellaris (cf) pink 30cm 162  
 3041 **Salvia** amarissima blue 120cm 72  
 3042 amplexicaulis blue 35-50cm 189  
 3043 argentea white 1m 329 336 345  
 3044 bulleyana yellow 90cm 361  
 3045 canescens violet 20cm 121  
 3046 chamaedryoides blue 45cm 124  
 3047 chamaedryoides silver-leaved blue 45cm 121  
 3048 chinese hybrids mix ex East Tibet purple  
 50cm 72

**Garden Collected**

**Salvia-Scabiosa****Garden Collected**

3049	<b>Salvia</b> coccinea red 1.5m 215	3112	<b>Saponaria</b> wiemannii (x) pink 15cm 225 299
3050	coccinea ex Mexico red w/black calyx 80cm 72	3113	<b>Sarracenia</b> purpurea 37cm 220
3051	coccinea 'Lady in Red' red 50cm 189	3114	<b>Saruma</b> henryi soft yellow 40-60cm >
3052	daghestanica blue/violet 25cm 194	3115	<b>Satureja</b> montana ssp illyrica purple 15cm 336
3053	dorrii dark blue 75cm 150	3116	spicigera blue 20cm 152 178
3054	forsskaolii violet 40cm >	3117	<b>Saussurea</b> discolor 10cm 54
3055	glutinosa light yellow 60cm 130 266	3118	obvallata 138
3056	hians deep blue 50cm 198	3119	yanagisawae 123
3057	hypargeia 45 cm 336	3120	<b>Saxifraga</b> androsacea white 8cm 22
3058	interrupta blue 50cm 56	3121	apiculata 'Alba' (x) 10 cm 84
3059	jurisicii violet-blue 30 cm >	3122	'Apple Blossom' 20cm 3
3060	lavandulifolia blue 30 cm 140 360	3123	biasolettoi (x) wine red 10-12cm 105
3061	lyrata 'Purple Knockout' purple lvs 101 335	3124	carniolica 115
3062	macrophylla 'Peru Blue' blue 60cm 271	3125	cartilaginea 221
3063	microphylla 11	3126	'Clarence Elliott' 320
3064	moorcroftiana 60cm 336	3127	cochlearis 'Major' 141
3065	muelleri purple 30cm 103	3128	cochlearis 'Minor' white 10cm 176
3066	patens royal blue 75cm 207 243	3129	corymbosa yellow 4cm 182
3067	plectranthoides blue 60cm 72	3130	cotyledon white 60 cm 83 87
3068	praeclara red 90-100cm 207 263	3131	cotyledon 'Pyramidalis' 54
3069	pratensis blue to 1m 189	3132	crustata white 10cm 115
3070	przewalskii purple 1m 103	3133	cymbalaria 24
3071	recognita pink 50-100 cm 336	3134	exarata 10cm 219
3072	reflexa light blue 30cm 336	3135	federici-augusti ex MESE 323 87
3073	ringens blue 60cm 56	3136	federici-augusti ssp grisebachii purple 30cm 219
3074	roemeriana red to 60cm 178 207	3137	flagellaris ssp stenophylla yellow 4cm 120
3075	scabra violet 40cm 198	3138	gaudinii (x) 84
3076	sclarea pink/blue 2m 353	3139	granulata 50cm 145
3077	sclarea white/blue to 1m 189	3140	'Hi Ace' white mat 20
3078	sclarea v turkestanica white/blue 75-100cm 59 251	3141	hostii white 60cm 251
3079	spathacea red-purple 90cm 198 238	3142	kinlayi 340
3080	staminea red-purple 90cm 104	3143	'Lindau' 54
3081	stenophylla blue 30cm 56	3144	longifolia white 40cm >
3082	sylvestris 'Rose Queen' (x) magenta 50cm 349	3145	manshuriensis white 30cm 50
3083	taraxacifolia pink 45cm 263	3146	marginata v rocheliana 24
3084	transsylvanica blue-violet 45cm 189 234	3147	media red 8cm 87
3085	transsylvanica 'Blue Spire' blue 50cm 103 189	3148	oppositifolia purple 5cm 164
3086	verticillata violet to 90cm 289	3149	oppositifolia 'Ruth Draper' 210
3087	verticillata ssp amasiaca purple 15-50cm 140 271	3150	oppositifolia 'Theoden' purple 5cm 128
3088	viscosa pink to 50cm 56 104	3151	pallida white 8cm 291
3089	yunnanensis lavender/cream 75cm 243 263	3152	paniculata (dwarf) 336
3090	<b>Sambucus</b> canadensis white 2.4m 349	3153	paniculata 'Millstream' dark red 336
3091	<b>Sandersonia</b> aurantiaca orange 60cm 77	3154	paniculata 'Minutifolia' white 10cm 20
3092	<b>Sanguinaria</b> canadensis white 20cm 258 353	3155	paniculata 'Pectinata' 54
3093	<b>Sanguisorba</b> albiflora white 1m 319	3156	paniculata 'Venitia' white 204
3094	menziesii burgundy 75cm 109	3157	pensylvanica 290
3095	minor maroon 25-35cm 189	3158	poluniniana white 25mm 221
3097	tenuifolia 'Alba' white 80cm 202	3159	porophylla ex Apennines 87
3098	<b>Santolina</b> chamaecyparissus yellow 40cm 3	3160	scardica white 10cm 336
3099	sp ex Spain (dwarf) 336	3161	sempervivum purple 15cm >
3100	<b>Saponaria</b> bellidifolia 40cm 117	3162	'Sulphurea' 31
3101	boissieri (x) rose 12cm 60 182	3163	'Timbalii' 84
3102	caespitosa rose 10cm >	3164	'Tumbling Waters' 130 210
3103	chloraefolia pink 10cm 27	3165	umbrosa mix 23cm 12
3104	lutea yellow 10cm 54 129	3166	urbium (x) 45cm 320
3105	officinalis pink 60cm 55	3167	<b>Scabiosa</b> atropurpurea 'Chile Black' 108
3106	officinalis white 60cm 189	3168	caucasica blue/white 35cm 176
3107	olivana (x) pink 5cm 20 54 141	3169	caucasica 'Nana' blue 20cm 251
3108	pamphylica pink 10-40 cm 194	3170	columbaria blue 10-70 cm 115 178 189
3109	persica pink 182	3171	columbaria 'Alpina' lavender 10cm 35 260
3110	pumilio ex Turkey ex Piatek pink 1.5cm 22	3172	columbaria 'Nana' blue 10-25cm 130 137 258
3111	suendermannii (x) light rose 10-15cm 211	3173	crenata lilac-blue 20cm 276
		3174	graminifolia blue 50cm 220

**Garden Collected**

**Garden Collected****Scabiosa-Silphium**

- 3175 **Scabiosa** graminifolia mix 50cm 249 289  
3176 graminifolia pink/silver foliage  
20cm 148 172  
3177 graminifolia rosea lilac rose 20-40cm 90  
3178 japonica v alpina violet 20cm 24 59  
3179 lucida rose lilac 15cm 115 133 249  
3180 pyrenaica 144  
3181 sp blue 30cm 230  
3182 vestina blue-purple 15cm 105  
3183 **Schivereckia** podolica white 10cm 3  
3184 **Schizanthus** coccineus ex F&W 9633 tricolor  
60cm 135  
3185 gilliesii 336  
3186 **Schizostylis** coccinea pink 75cm 16  
3187 coccinea red 75cm 336  
3188 **Scilla** autumnalis blue-purple 5-30cm 24 237  
3189 bifolia 'Rosea' 10cm 117  
3190 greilhuberi 130  
3191 ingridae (cf) ex Turkey, Prov Urfa 93  
3192 litardierei blue 25cm 83 357  
3193 litardierei v hoogiana 92  
3194 monophyllos blue 20cm 23  
3195 obtusifolia 30cm 23  
3196 peruviana blue 20cm 121 272  
3197 ramburei 30cm 23  
3198 rosenii blue/white 10-25cm 24 158  
3199 rosenii 'Bakuriani' 310  
3200 scilloides mauve-pink 20cm 298  
3201 siberica blue 7.5-20cm >  
3202 siberica blue & white mix 7.5-20cm 331  
3203 verna blue 8cm 130  
3204 verna 'Ken's Pink' (nv) 106  
3205 **Sclerocactus** parviflorus 336  
3206 **Scopolia** stramoniifolia green/purple  
180cm 235 307  
3207 **Scorzonera** suberosa violet 15-30cm 5 254  
3208 **Scutellaria** alpina purple-white to 25cm  
85 140 233  
3209 altissima blue 35cm 102 349  
3210 altissima cream to pale blue 50 cm 42  
3211 baicalensis blue 30cm >  
3212 columnae violet 40 cm 56 102  
3213 indica v parvifolia 'Alba' 12cm 340  
3214 orientalis yellow 15cm 99  
3215 ovata blue 60cm 72 154  
3216 ovata v rugosa 65  
3217 pontica purple/blue 10-12 cm 336  
3218 resinosa 23cm 45 214  
3219 rupestris ssp adenotricha violet 25cm 102  
3220 suffrutescens 152  
3221 suffrutescens 'Texas Rose' (cf) 10cm 129  
3222 taurica lemon/apricot bicolor 25 cm 102  
3223 tournefortii mauve/cream bicolor 25cm 140  
3224 **Sedum** cauticola 'Lidakense' pink fl/grey-prpl  
leaves 12.5cm 217  
3225 hyperaizoon yellow 30cm 251  
3226 nevii white 10cm 217  
3227 pilosum bright pink 10cm 24 143  
3228 populifolium 45cm 144  
3229 rhodanthum 45cm 320  
3230 rupestre yellow 15cm 196  
3231 sempervivum 46  
3232 spathulifolium good color mix 204  
3233 spathulifolium 'Cape Blanco' yellow 4 cm 217  
3234 **Sedum** spurium pink 15cm 350  
3235 tatarinowii white/pink 15 cm 137 336  
3236 **Semiaquilegia** adoxoides plum 10-30cm 81  
(*ecalcarata* > see *Aquilegia ecalcarata*)  
3237 **Sempervivum** arachnoideum pink 15cm 336  
3238 arachnoideum f album 7cm 46 336  
3239 calcareum 30cm 336  
3240 ciliosum 13cm 336  
3241 ciliosum v borisii 24  
3242 hybrid mix ex Helen Payne 204  
3243 pittonii yellow 15cm 133  
3244 tectorum 'Violaceum' violet 20cm 213  
3245 **Senecio** canus 45cm 284  
3246 **Senna** marilandica yellow 1.5m 95  
3247 **Serratula** coronata 1.5m 73  
3248 tinctoria yellow 50cm 220  
3249 **Seseli** gummiferum white, foliage gem  
90cm 73 336  
3250 **Shortia** galacifolia white 10cm 310  
3251 **Sibbaldia** procumbens green 320  
3252 **Sibbaldiopsis** tridentata white 18cm  
148 248 341  
3253 **Sidalcea** hendersonii pink 80cm 9  
3254 **Sideritis** cypria 45cm 197  
3255 glacialis yellow 15 cm 217  
3256 syriaca yellow 3050cm 56 103 336  
3257 **Silene** alpestris white 5-20cm >  
3258 argaea pink 13 cm 120  
3259 caroliniana white 23cm 45  
3260 caryophylloides white 10 cm 336  
3261 caryophylloides ssp echinus pink 117  
3262 chungtienensis magenta 25 cm 340  
3263 ciliata white 20cm 59 252  
3264 ciliata white or pink 5-15cm 117  
3265 dinarica very pink 5cm 149  
3266 dioica red 75cm 1 161  
3267 flavescens greenish yellow 30cm 77  
3268 grayi pink 10cm 116  
3269 hookeri Ingramii Group pink 5cm 67  
3270 hookeri ssp hookeri white 8 cm 139  
3271 keiskei white 10cm 149 175  
3272 keiskei v akaisialpina pink 15cm 45  
3273 keiskei v minor pink 106  
3274 latifolia white to 80cm 222  
3275 lerchenfeldiana white 10cm 252  
3276 longicilia ssp cintrana white 30cm 246  
3277 pindicola white 15cm 252  
3278 pusilla white 15cm 54 115  
3279 pygmaea 20cm 194  
3280 regia red 60-90 cm 6 45 215  
3281 rupestris white 15cm 60  
3282 saxifraga white/pink 20cm 117  
3283 schafta rose-pink 10-15 cm >  
3284 sp red 70cm 220  
3285 sp ex NAPE 188 Bhutan buff white 15cm 324  
3286 stenophylla 18  
3287 suksdorffii light pink 15 cm 211  
3288 uniflora white to 15cm 140 244 337  
3289 uniflora 'Compacta' (nv) white 2.5cm 149 195  
3290 vallesia white 15cm 233  
3291 virginica red 30cm 6 298  
3292 vulgaris 'Rosea' rose 15cm 305  
3293 zawadskii white 10cm 7 64  
3294 **Silphium** perfoliatum yellow 2m 335

**Garden Collected**

**Silybum-Thalictrum****Garden Collected**

- 3295 **Silybum** marianum purple 1m 130 189  
3296 **Sinningia** sellovii salmon 50 cm 342  
3297 slipper hybrids mix 30-60cm 328  
3298 tubular hybrids mix 30-90cm 328  
3299 **Sinocalanthus** chinensis 3m 81  
3300 sinensis white 3 m 315  
3301 **Sinojackia** rehderiana white 91cm 85  
3302 xylocarpa white 4m 85  
3303 **Sisyrinchium** angustifolium blue 25 cm >  
3304 angustifolium 'Album' white 15-20cm 83 249  
3305 atlanticum blue/white mix 12-15 cm 265  
3306 californicum yellow to 40cm 55 160  
3307 californicum Brachypus Group yellow 12cm 12  
3308 demissum blue 30cm 160  
3309 'E.K. Balls' 10cm 194  
3310 graminoides light blue 50 cm 45  
3311 idahoense violet-blue 15cm 55 260 298  
3312 idahoense 'Album' 20cm 21 60  
3313 idahoense v bellum blue-purple 20cm 41  
3314 idahoense v macounii 29  
3315 iridifolium white 30cm 220  
3316 macrocarpon yellow 15cm >  
3317 macropeda(nv) yellow-brown 15cm 159  
3318 micranthum Bolivian variant 44  
3319 patagonicum yellow 20cm 260 320  
3320 sp yellow 60cm 338  
3321 sp ex China 332  
3322 striatum cream-yellow 40-80cm >  
3323 strictum 194  
3324 **Skimmia** japonica ssp reevesiana 347  
3325 **Smilacina** japonica 60cm 243  
3326 racemosa white 60cm 3 365  
3327 **Smyrniium** perfoliatum lime 1m 37 292  
3328 **Solanum** crispum purple-blue 266  
3329 **Soldanella** alpina violet 8cm 182  
3330 hungarica purple 20cm 35 332  
3331 montana violet 10-20cm >  
3332 villosa blue 13cm 163  
3333 **Solenomelus** sisyrinchium purple 20cm 129  
3334 **Solidago** multiradiata yellow 50cm 192  
3335 puberula yellow to 1m 302  
3336 rigida yellow 150cm 302  
3337 sempervirens yellow to 2m 302  
3338 spathulata yellow to 60cm 9  
3339 uliginosa yellow to 1.5m 302  
3340 virgaurea ssp alpestris 301  
3341 **Sollya** heterophylla wh/bl 50-150cm 147  
3342 **Sophora** davidii pale blue 2.4m 5  
3343 **Sorbus** cashmiriana 9m 206  
3344 poteriifolia white berries 10cm 94  
3345 reducta white 15-25cm 61 92 206  
3346 reducta (non-suckering) pink berries 25cm 94  
3347 **Sparaxis** grandiflora mix 10-25cm 15  
3348 tricolor red & orange 40cm 272  
3349 **Spergularia** salina rose 10cm 189  
3350 **Sphaeralcea** caespitosa orange 195  
3351 hastulata 82  
3352 **Sphaeromeria** argentea 336  
3353 capitata yellow 15cm 336  
3354 **Spiraea** beauverdiana white 96  
3355 densiflora pink to 60cm 9  
3356 **Sprekelia** formosissima dark red 40cm 265  
3357 **Stachys** byzantina pink 30cm 189  
3358 coccinea scarlet 50cm 155 240  
3359 **Stachys** discolor 30cm 178  
3360 hyssopifolia purple 40cm 302  
3361 iva 40cm 336  
3362 macrantha purple 64cm 210  
3363 monieri pink 25cm 217  
3364 monieri white 260  
3365 officinalis purple 45cm 112  
3366 officinalis 'Nana' (nv) 10cm 3  
3367 scardica white 40cm 8  
3368 spicata 'Nana' (nv) pink 6.5cm 307  
3369 sylvatica red 30-100cm 189  
3370 **Staphylea** pinnata 353  
3371 **Stokesia** laevis 'Color Wheel' white to purple  
30cm 345  
3372 sp blue 30cm 230  
3373 **Streptopus** lanceolatus 179  
3374 **Styloidium** graminifolium pink 30cm 11 27  
3375 **Stylophorum** diphyllum yellow 45cm 319  
3376 lasiocarpum yellow 40cm 97 130 319  
3377 **Styrax** obassia 5m 24  
3378 **Succisa** pratensis blue 15cm 24 310  
3379 pratensis dwarf blue 5cm 24  
3380 **Sutera** neglecta 260  
3381 **Swertia** perennis blue 30cm 165 268  
3382 **Symphandra** armena blue-violet 30cm 336  
3383 hofmannii cream 45cm >  
3384 pendula cream 30cm 65 291  
3385 zangezura blue 40cm 52 336  
3386 **Syneilesis** aconitifolia whitish 1m 45  
3387 intermedia 307  
3388 palmata white 45cm 295  
3389 **Synthyris** missurica ssp stellata 34  
3390 **Tagetes** lemmonii yellow 50cm 162  
3391 **Talinum** calycinum magenta 25cm 178  
3392 paniculatum 'Kingswood Gold' pink  
40 cm 330 335  
3393 rugospermum magenta 18cm 336  
3394 spinescens magenta 10cm 366  
3395 thompsonii pink 5cm 280  
3396 **Tanacetum** coccineum 'James Kelway' red  
to 60cm 230  
3397 corymbosum white 75 cm 336  
3398 densum ssp amani yellow 12cm 196  
3399 heterodonta white 336  
3400 niveum white 90cm 336  
3401 niveum 'Jackpot' white 30cm 230  
3402 parthenium 'Aureum' white 20 cm 217 358  
3403 parthenium (PI) white 30cm 322  
3404 tianshanicum white 160cm 122  
3405 **Taraxacum** faeroense bronze leaves yellow 5cm 133  
3406 pamiricum white 10cm 194 287  
3407 rubrifolium yellow 15cm 38  
3408 **Telekia** speciosissima yellow 25cm 8 54  
3409 **Telephium** imperati white 5cm 182  
3410 **Tellima** grandiflora green/pink-white 50-80 cm >  
3411 **Tetranneuris** acaulis v acaulis yellow 7cm 150  
3412 grandiflora yellow 20 cm 249  
3413 torreyana 36  
3414 **Teucrium** chamaedrys pink 30cm 182  
3415 flavum 60cm 8 169 289  
3416 hircanicum red 50cm >  
3417 orientale lavender 20 cm 260  
3418 scorodonia yellow 40cm 56  
3419 **Thalictrum** actaeifolium pale pink 50cm 24

**Garden Collected**

**Garden Collected****Thalictrum-Tulipa**

- 3420 **Thalictrum** aquilegifolium lavender 50cm-1m 3 212 289 3482 **Trachelium** jacquinii ssp rumelianum 260  
3421 aquilegifolium v album white 75cm 112 3483 **Tradescantia** ohiensis 90cm 191  
3422 dasycarpum white 2m 109 3484 **Trichopetalum** plumosum 23  
3423 delavayi purple stems to 120cm 311 3485 **Tricyrtis** 'Dr Hirao's Strain' mixed white &  
white w purple spots to 40cm 15  
3424 delavayi 'Album' 311 3486 hirta mix 30-80cm 308  
3425 delavayi v decorum 311 3487 macropoda purple/white 50cm 24  
3426 diffusiflorum lavender-blue 30cm 307 320 3488 macropoda ex Chiri-san,SKorea HC970358  
90cm 359  
3427 flavum ssp glaucum yellow 180cm 266 3489 ohsumiensis 50cm 24  
3428 grandiflorum 24 3490 puberula ex ChenYi mottled lvs/flr yellow  
heavily spotted red 75cm 15  
3429 heliophilum 25cm 336 3491 **Tridens** flavus v flavus purple 1m 349  
3430 ichangense 176 3492 **Trifolium** ochroleucum 307  
3431 isopyroides chartreuse 25cm 92 298 311 3493 rubens red 60cm 134 140  
3432 kiusianum white-flowered white 10cm 24 3494 **Triglochin** maritimum 166  
3433 lucidum white 90 cm 109 3495 **Trillium** albidum white 38cm 31  
3434 minus yellow/white/green 40cm > 3496 apetalon reddish-brown 30cm 18  
3435 omeiense white 50-80cm 24 352 3497 cuneatum reddish brown 30cm 45  
3436 rochebruneanum violet 1.2m > 3498 erectum reddish 24cm 45  
3437 squarrosum 224 3499 flexipes white 30cm 45  
3438 tuberosum cream/white to 50cm 129 190 352 3500 parviflorum white 30cm 82  
(rivale > see *Pseudotrillium rivale*)  
3439 **Thermopsis** villosa yellow 50-150cm 95 112 3501 sp large maroon flowers 39  
3440 **Thlaspi** alpestre white 10-50cm 350 3502 sp (sessile type) dark maroon/fragrant 20cm 45  
3441 alpinum white 10cm 64 3503 vaseyi maroon 45cm 45  
3442 arvense white 35cm 149 189 3504 **Triosteum** angustifolium yellow 40cm 5  
3443 bellidifolium lilac-purple 2-5cm 7 164 3505 aurantiacum 1m 319  
3444 bellidifolium pink 3cm 24 175 3506 pinnatifidum white fruit 40 cm 217  
3445 bulbosum purple 10 cm 280 3507 **Tripleurospermum** maritimum ssp  
phaeocephalum white 10cm 22  
3446 caerulescens white 25cm 216 3508 **Tristagma** sp ex Chile, Archibald 14423 white  
15cm 242  
3447 cepaeifolium ssp rotundifolium pink-purple 7.5 cm 27 176 217 3509 **Triteleia** hyacinthina white 30cm 23  
3448 cepaeifolium ssp rotundifolium white 7 cm 60 3510 ixioides yellow 75cm 31 82  
3449 montanum white 10 cm 24 36 3511 laxa blue 20-25 cm 190  
3450 praecox white 15cm 360 3512 laxa 'Koningin Fabiola' blue 40cm 169  
3451 sp 360 3513 peduncularis 23  
3452 stylosum lt yellow 8cm 213 3514 **Tritonia** crocata 45cm 41  
3453 stylosum pale violet 10cm 24 280 3515 **Trochodendron** aralioides 2m 61  
3454 **Thymophylla** tenuiloba v tenuiloba yellow 20cm 316 3516 **Trollius** acaulis yellow 25cm 267 320  
3455 **Thymus** baeticus pink 304 3517 chinensis orange 50cm 35 350 353  
3456 cherlerioides 3cm 217 3518 cultorum 'Lemon Queen' (x) yellow  
45cm 141  
3457 cilicicus pink 10cm 34 3519 cultorum 'Orange Glow' (x) orange 30  
3458 neiceffii aff 336 3520 europaeus yellow to 80cm >  
3459 **Tiarella** 'Dunvegan' white 15cm 298 3521 laxus yellow 20-30 cm 267  
3460 'Skeleton Key' white 35-40cm 3 3522 ledebourii orange 80cm 249  
3461 unifoliata 45cm 7 3523 pumilus golden-yellow 15cm 254 320 352  
3462 **Tigridia** chiapensis white 20cm 58 3524 riederianus v japonicus 123  
3463 pavonia mix 60 cm 82 108 130 3525 **Tropaeolum** ciliatum tan/yellow 2 m 134  
3464 pavonia orange-red 50cm 198 3526 speciosum scarlet 3m 39 128  
3465 pavonia red 20-50cm 55 3527 speciosum yellow 2m 108  
3466 vanhouttei brown/cream 30cm 58 3528 **Tulbaghia** cepacea v maritima violet 30cm 109  
3467 **Tonestus** lyallii yellow 7.5 cm 36 260 321 3529 violacea lilac 45cm 108  
3468 pygmaeus 171 3530 violacea v robustior lavender 40cm 162  
3469 **Townsendia** alpigena blue/mauve 5 cm 150 3531 **Tulipa** biflora white 13cm 159  
3470 alpigena and 'Jeannie's Purple' mix 214 3532 chrysantha (cf) dwarf 336  
3471 exscapa white/violet 5cm 24 194 3533 clusiana red/white 30cm 228 300  
3472 hirsuta violet 10cm 192 3534 clusiana v chrysantha yellow/red  
20cm 121 267 312  
3473 hookeri pink & white 5 cm > 3535 cretica pale pink to 20cm 23 219  
3474 incana white to 20cm > 3536 humilis 'Eastern Star' pink to purple 10cm 45  
3475 leptotes white 4 cm 97 3537 rhodopea ex Test Centrum purple 45cm 125  
3476 nuttallii pink 2.5cm 68  
3477 parryi purple 10cm >  
3478 parryi violet 10cm 26  
3479 rothrockii lavender 5 cm 24  
3480 spathulata pink 5 cm 194  
3481 **Trachelium** caeruleum blue to 1m 140 215

**Garden Collected**

**Tulipa-Zauschneria****Garden Collected**

3538	<b>Tulipa saxatilis</b> Bakeri Group pink-purple 15-20cm 257	3601	<b>Viola cornuta</b> mauve 15cm 252
3539	sp (rock garden type) yellow 8-10cm 288	3602	cornuta 'Lutea Splendens' yellow 119
3540	sprengeri red 30cm >	3603	cornuta 'Perfection Yellow' yellow 119
3541	tarda yellow/white tips 15 cm >	3604	diffusa pale purple 3-10cm 119
3542	turkestanica white w yellow center 20-25cm >	3605	elatior mauve 20-30cm 173
3543	urumiensis golden yellow 15cm 117 130	3606	elegantula lilac 10cm 157
3544	vvedenskyi scarlet 40cm 130	3607	hederacea blue 5cm 119
3545	<b>Tweedia caerulea</b> light blue 20-50cm 255 271	3608	hirta 15cm 119
3546	<b>Uncinia saxatilis</b> (nv) 130	3609	hispidula blue/white 10cm 119
3547	<b>Ursinia anethoides</b> 60cm 316	3610	incisa red-purple 8-15cm 119
3548	speciosa yellow/orange to 40cm 316	3611	'Irish Molly' maroon bronze 20cm 12
3549	<b>Vaccaria pyramidata</b> 60cm 189	3612	japonica purple 8cm 168
3550	segetalis white 15cm 189	3613	japonica f albida 'Variegata' white 10cm 168
3551	<b>Vaccinium macrocarpon</b> pink 2-8 cm 356	3614	jooi lavender 10cm 25 117 164
3552	parvifolium white 90-150cm 216	3615	jordanii blue 38cm 106
3553	<b>Vania campylophylla</b> white 12cm 211	3616	keiskei white 5 cm 130
3554	<b>Veltheimia bracteata</b> peach 40-50cm 136	3617	kusanoana 106
3555	bracteata pink 40cm 77	3618	labradorica violet 7.5cm 119
3556	<b>Veratrum album</b> white/green 60cm 353	3619	lanceolata violet 15cm 322
3557	formosanum very dark red 60cm 352	3620	maculata 20cm 119
3558	formosanum ex BSWJ 1575 purple 35cm 324	3621	maculata ex Concepcion Chile 106
3559	nigrum purplish black 1-2 m 130	3622	mandshurica albino flower group pure white 6-15cm 168
3560	nigrum Baikal Form black-brown 1.2m 133	3623	mandshurica f hasegawae white/mauve 12cm 168
3561	<b>Verbascum arcturus</b> yellow 30cm 185 210	3624	mandshurica large petal group deep purple 6-20cm 168
3562	atroviolaceum dark purple 50 cm 225	3625	mandshurica v triangularis Bicolor flower group white/violet 6-20cm 168
3563	dumulosum 3m 336	3626	nuttallii yellow 10 cm 325
3564	nigrum yellow 100cm 243	3627	obtusa red-purple 5-15cm, dwf 168
3565	phoeniceum mix 1m 289 336	3628	odorata ex Ephesus Turkey 106
3566	'Southern Charm' yellow 40-50cm 3	3629	oreades purple 5cm 119
3567	undulatum 1m 336	3630	palmata purple/white 12cm 119
3568	<b>Vernonia noveboracensis</b> purple to 1.5 m 333	3631	palustris 119
3569	<b>Veronica allionii</b> 340	3632	pedata blue 6-10cm 101
3570	cinerea 336	3633	pedata mix 10-12cm 310
3571	cuneifolia blue 5 cm 336	3634	pedatifida violet 25 cm 119 175
3572	forrestii 12.5 336	3635	pinnata blue 7 cm 335
3573	fruticans blue 5-15cm 83	3636	'Princess Yellow' yellow 119
3574	gentianoides blue 15-20cm 101 295 366	3637	schariensis dark red-violet 10cm 67
3575	'Goodness Grows' 3	3638	selkirkii purple 5cm 119
3576	kotschyana 260	3639	seoulensis purple 15cm 106 138
3577	liwanensis 5 cm 336	3640	sororia (variegated leaf) mix 5-30cm 119
3578	longifolia blue 60cm 263	3641	stojanowii yellow 7.5-10cm 35
3579	nummularia blue 3cm 360	3642	striata cream 15cm 119
3580	orientalis blue 10cm 115	3643	thomsonii 119
3581	pectinata blue 336	3644	variegata blue 5cm 119 340
3582	schmidtiana blue-mauve 30 cm 24 285 320	3645	<b>Vitis amurensis</b> 243
3583	spicata blue 20cm 301	3646	<b>Wahlenbergia cuspidata</b> blue 30cm 58
3584	teucroides blue 38cm 336	3647	hederacea blue 5cm 269
3585	<b>Veronicastrum sibiricum</b> blue 120cm 243	3648	rivularis (quite hardy) creamy white 20-25cm 129
3586	<b>Vestia foetida</b> yellow 1m 130	3649	<b>Watsonia laccata</b> pink/orange 20-65cm 162
3587	<b>Viburnum japonicum</b> 227	3650	<b>Wisteria sinensis</b> purple >3m 213
3588	<b>Viola affinis</b> red/violet 119	3651	<b>Wulfenia carinthiaca</b> purple 15cm 65
3589	bakeri yellow 67	3652	suendermannii (x) blue 15cm 59
3590	calcarata pale blue 15cm 219	3653	<b>Xerochrysum bracteatum</b> white 230
3591	canina 40cm 119	3654	<b>Youngia yoshinoi</b> yellow 30cm 71
3592	caspia 'Alba' 119	3655	<b>Zantedeschia 'Kiwi Blush'</b> 130
3593	chaerophylloides mix 119	3656	<b>Zauschneria californica</b> red 30-60cm 100 336
3594	chaerophylloides f sieboldiana mix 119	3657	californica red-orange fls/silver lvs 30cm 140 288
3595	chelmea 119	3658	californica ssp garrettii red-orange 30cm 15 277
3596	collina 119		
3597	concordifolia purple 8cm 119		
3598	confusa 119		
3599	confusa ex Taiwan/China 106		
3600	confusa ssp nagasakiensis purple 8cm 175		

**Garden Collected**

**Garden Collected****Zephyranthes-GARDEN ADDENDUM**

- 3659 **Zephyranthes** drummondii white 7-40 cm 135  
3660 grandiflora rose-pink 30cm 153  
3661 macrosiphon rosy-red 12-20cm 24  
3662 mesochloa white 15cm 28  
3663 primulina yellow 15cm 28  
3664 reginae yellow 40cm 162  
3666 **Zigadenus** elegans 38 cm 165  
3667 fremontii greenish white 40cm 13  
3668 sibiricus 123  
3669 **Zinnia** grandiflora white 12cm 140  
3670 grandiflora yellow 12cm 143

**GARDEN ADDENDUM:**

(\* Note: out of # order listing)

- 3672 **Allium** carinatum ssp pulchellum mix 250  
3673 insubricum purple 16-30cm 250  
3674 senescens spiral grey lvs, late 10cm 250  
3675 senescens ssp montanum early flg 10-15cm 250  
3676 senescens ssp montanum late form 10cm 250  
3677 senescens ssp montanum v glaucum early flg/  
glaucous lvs 10-15cm 250  
3678 **Anemone** narcissiflora ex Switzerland 250  
3679 **Anthericum** liliago ex Switzerland 250  
3680 **Astrantia** major ex Switzerland 250  
3681 **Barbarea** nana 336  
3682 **Clematis** 'Bill McKenzie' yellow 4m 250  
3683 macropetala mix 250  
3684 'Rosy Pagoda' 250  
4543\* **Gentiana** scabra (isolated plant)blue 10-15cm 33  
3687 **Globularia** punctata ex Switzerland 250  
3688 **Hieracium** lactucella ex Switzerland 250  
3689 **Lilium** martagon ex Switzerland 250  
3690 **Lithospermum** atrocaeruleum (nv) 250  
3691 **Luzula** nivea ex Switzerland 250  
3699\* **Platycodon** grandiflorus pumilus blue 30cm 33  
3693 **Primula** veris pale yellow 20cm 250  
3694 **Pulsatilla** montana ex Switzerland 250  
3695 vulgaris deep violet 250  
3696 vulgaris ex Switzerland 250  
3697 **Scabiosa** lucida ex Switzerland 250  
3698 **Verbascum** sogdiana 336

**Abutilon-Aquilegia****Wild Collected**

3700 <b>Abutilon</b> vitifolium purple 4m	Chile:Puyahue 76
3701 <b>Acer</b> rufinerve 9m	Japan:Yamanashi Pref, Sutama-tyou 227
3702 shirasawanum 5-10m	Japan:Nagano Pref,Mt Torikura 227
3703 <b>Aconitum</b> delphiniifolium ssp delphinifolium purple 60cm	AK:Sheridan Glacier,Cordova 339
3704 lycoctonum ssp vulparia pale yellow 75cm	Switzerland:Graubunden Canton 250
3705 napellus blue 1.5m	Switzerland:Graubunden Canton 250
3706 <b>Actaea</b> rubra red fruit 80cm	OR:Cascades 140
3707 <b>Adenophora</b> triphylla v japonica violet 60cm	Japan:Hayama,Kanagawa Pref 170m 265
3708 triphylla v japonica violet 1m	Japan:Kiso Valley,Nagano Pref 1300-1800m 265
3709 triphylla v japonica blue 80cm	Japan:Mt Takamine,Nagano Pref 1900m 170
3710 triphylla v japonica lavender 60cm	Japan:Shiga Pref. 1300m 126
3711 <b>Adiantum</b> aleuticum	CA:Klamath Mts 312
3712 <b>Adonis</b> amurensis yellow 30cm	Japan:Kanuma 89
3713 <b>Agastache</b> urticifolia lavender 50cm	WY:Salt River Range 151
3714 <b>Ageratina</b> occidentalis	OR:Cascades 309
3715 <b>Agoseris</b> glauca	Canada:Cariboo,BC 1100m 84
3716 <b>Agrimonia</b> pilosa yellow 80cm	Japan:Hayama,Kanagawa Pref 170m 265
3717 <b>Akebia</b> trifoliata 5m	Japan:Hayama,Kanagawa Pref 170m 265
3718 <b>Alcea</b> hohenackeri EP0507	NE Turkey:Zigana Dag 93
3719 <b>Aletris</b> foliata white 30cm	Japan:Mt Takamine,Nagano Pref 1900m 170
3720 <b>Allium</b> acuminatum	OR:Crook County 1800m 204
3721 bisceptrum pink 10cm	CA:Sweetwater Mtns 36
3722 campanulatum magenta 20cm	CA:Carson-Iceberg Wilderness 312
3723 canadense	NY:Five Wells,Freeville 351
3724 canadense topsets 45cm	PA:Piney Fork 349
3725 flavum yellow 40-80cm	Hungary:Visegrad 520m 242
3726 geyeri	CO:Routt County 326
3727 macrostemon white 30cm	Japan:Hayama,Kanagawa Pref to 170m 265
3728 parvum	OR:Crook County 1800m 204
3729 senescens ssp montanum 10cm	Switzerland:Graubunden Canton 250
3730 siskiyouense	CA:Klamath Mts 140
3731 tuberosum white 30cm	Japan:Hayama,Kanagawa Pref to 170m 265
3732 validum white to pink 50-100cm	OR:Siskiyou Mts 140
3733 <b>Alophia</b> drummondii purple 45cm	TX:East 338
3734 <b>Alpinia</b> havilandii aff flowers not seen 90cm	Malaysia:Crocker Range, Borneo 1600m 265
3735 <b>Amorpha</b> fruticosa 2m	MO:Wayne County 6
3736 <b>Androsace</b> carnea ssp laggeri	Andorra:Pyrenees 2800m 117
3737 carnea ssp laggeri	Spain:Pyrenees 2600m 117
3738 carnea ssp laggeri	Spain/France:Pyrenees 2400m 117
3739 ciliata	Spain/France:Pyrenees 2400m 117
3740 pubescens	France/Italy:Cottian Alps 3150m 117
3741 pubescens	France/Italy:Cottian Alps 2927m 117
3742 vandellii	Andorra:Pyrenees 2540m 117
3743 villosa	Spain:Pyrenees 2100m 117
3744 villosa white 4cm	Spain/France:Pyrenees 1800m 117
3745 <b>Anemone</b> drummondii white10-12cm	WA:Hart's Pass,Cascade Crest 1829m gravel ridgetop 274
3746 flaccida white 10cm	Japan:Hayama,Kanagawa Pref to 170m 265
3747 multifida	CA:Klamath Mts 140
3748 multifida white or red 20cm	Canada:Grand River,Quebec 283
3749 multifida 25cm	UT:Iron County 194
3750 narcissiflora white 60cm	Japan:Mt Furamo 123
3751 occidentalis	Canada:Eureka Peak,Cariboo,BC 2000m 84
3752 occidentalis white	WA:Cascade Mtns 1768m 152
3753 occidentalis	WA:Cascade Mtns 2000m 262
3754 occidentalis 30-40cm	WA:Mt Rainier 257
3755 <b>Angelica</b> japonica white 200cm	Japan:Hayama,Kanagawa Pref to 170m 265
3756 <b>Antennaria</b> dioica 8cm	CO:Boulder County 1829m 348
3757 parvifolia (cf)	CO:Irwin,Gunnison County 3048m 73
3758 <b>Antenoron</b> filiforme red 60cm	Japan:Hayama,Kanagawa Pref to 170m 265
3759 <b>Anthemis</b> tinctoria yellow 40-50cm	Belarus:Vyacha 350
3760 <b>Anthyllis</b> vulneraria	Switzerland:Graubunden Canton 250
3761 <b>Antirrhinum</b> vexillocalyculatum ssp breweri	CA:Klamath Mts 140
3762 <b>Aquilegia</b> buergeriana yellow 40cm	Japan:Kiso Valley,Nagano Pref 1300-1800m 265

**Wild Collected**



**Wild Collected****Aquilegia-Botrychium**

3763 <b>Aquilegia</b> buergeriana cream yellow 40cm	Japan: Mt Takamine, Nagano Pref 1900m 170
3764 canadensis red/orange 30-60cm	MI: Crawford County 278
3765 canadensis	NY: Five Wells, Freeville 351
3766 formosa orange 80cm	AK: Sheridan Glacier, Cordova 339
3767 formosa	CA: Klamath Mts 140
3768 formosa	Canada: Cariboo, BC 1100m 84
3769 formosa red&yellow to 1m	Canada: Courtenay, BC 337
3770 vulgaris v alba	NY: Five Wells, Freeville 351
3771 <b>Arabis</b> platysperma	OR: Western Cascades 309
3772 pumila white 15cm	Slovenia: Julian Alps 182
3773 sp purple 20cm	OR: Indigo Lake, W Cascades 1828m 352
3774 <b>Aralia</b> hispida white 1m	Canada: near Ignace, Ontario 319
3775 <b>Arctostaphylos</b> columbiana 3m	OR: Southern, near Forestgrove 61
3776 sp cream 1-2m	CA: Castle Lake 2100m 352
3777 uva-ursi pink 18cm	OR: Crook County 1280m 305
3778 <b>Ardisia</b> japonica white 20cm	Japan: Hayama, Kanagawa Pref 170m 265
3779 <b>Arenaria</b> capillaris white 15cm	MT: Rattlesnake Mtns 151
3780 capillaris	OR: Western Cascades 309
3781 congesta	OR: Siskiyou Mts 140
3782 <b>Arisaema</b> thunbergii ssp urashima brown/green 60cm	Japan: Hayama, Kanagawa Pref to 170m 265
3783 thunbergii ssp urashima	Japan: Kanuma 89
3784 triphyllum	NY: Five Wells, Freeville 351
3785 triphyllum ssp pusillum green & black 30-35cm	PA: Berks County 15
3786 <b>Aristolochia</b> kaempferi greenish	Japan: Hakone, Kanagawa Pref. 126
3787 tomentosa	MO: Wayne County 6
3788 <b>Aristotelia</b> chilensis white 3m	Chile: Altos de Lircay 76
3789 <b>Armeria</b> alpina pink 20cm	Slovenia: Julian Alps 182
3790 <b>Arnica</b> lonchophylla yellow 30cm	Canada: Cape Norman, Newfoundland 83
3791 mollis	NH: Coos County 283
3792 mollis yellow 18cm	WA Cascade Mtns 1981m 152
3793 <b>Aruncus</b> dioicus	OR: Cascades 140
3794 <b>Asclepias</b> amplexicaulis maroon 122cm	SC: Chesterfield County 255
3795 cordifolia 70cm	CA: Tuolumne County 100
3796 tuberosa orange 30-60cm	MI: Crawford County 278
3797 verticillata white 30cm	MO: St Louis County 6
3798 <b>Asparagus</b> cochinchinensis white 60cm	Japan: Hayama, Kanagawa Pref 170m 265
3799 <b>Aster</b> alpigenus ssp andersonii purple 20cm	CA: Carson-Iceberg Wilderness 312
3800 alpinus purple 20cm	France: Maritime Alps 186
3801 alpinus	Slovenia: Mangart Saddle 88
3802 alpinus	Switzerland: Graubunden Canton 250
3803 amellus lavender blue 20cm	Switzerland: Solothurn Canton 250
3804 gormanii ( <i>syn for Eucephalus gormanii</i> )	OR: Western Cascades 309
3805 modestus	OR: Western Cascades 309
3806 <b>Asteranthera</b> ovata red 2cm	Chile: Puyahue 76
3807 <b>Astragalus</b> australis(cf) pale yellow 20cm	Switzerland: Graubunden Canton 250
3808 purshii purple 10cm	CA: Sweetwater Mtns 36
3809 purshii	OR: Crook County 1700m 204
3810 sp. Blue/white 50cm	Chile: Lagunillas 84
3811 sp. 12cm	MT: Pondera County 326
3812 <b>Aureolaria</b> grandiflora	MO: Montgomery County 6
3813 <b>Azara</b> lanceolata yellow 2m	Chile: Villarica 76
3814 <b>Baileya</b> multiradiata gold 45cm	AZ: Mojave Desert 294
3815 <b>Balsamorhiza</b> deltoidea	OR: Western Cascades 309
3816 macrophylla yellow 60cm	WY: Salt River Range 151
3817 sagittata yellow 60cm	MT: Rattlesnake Mtns 151
3818 <b>Bellendena</b> montana white 30cm	Australia: Mt Wellington, Tasmania 58
3819 <b>Bellevalia</b> longistyla K2P0528	NE Turkey: SE of Kars 1733m 93
3820 <b>Betula</b> glandulosa	Canada: Gaspé, Quebec 1000m 283
3821 nana	Norway: Valdres 354
3822 <b>Blandfordia</b> punicea	Australia: Tasmania 223
3823 punicea red/yellow 60cm	Australia: Zeehan, Tasmania 58
3824 <b>Botrychium</b> japonicum 25cm	Japan: Hayama, Kanagawa Pref 170m 265

**Boykinia-Cirsium****Wild Collected**

3825 <b>Boykinia</b> major	OR:Siskiyou Mts 140
3826 <b>Brickellia</b> greenei	CA:Klamath Mts 140
3827 <b>Brodiaea</b> californica blue 15cm	OR:Talent,Jackson County 205
3828 <b>elegans</b> violet 30 cm	CA:near Sacramento,Fair Oaks Quad 272
3829 <b>Bulbine</b> glauca	Australia:Tasmania 223
3830 <b>Buphthalmum</b> salicifolium	Switzerland:Baselland Canton 250
3831 <b>Bupleurum</b> longiradiatum v breviradiatum f elatius (nv) yellow 70cm	Japan:Mt Takamine,Nagano Pref 1900m 170
3832 <b>Callicarpa</b> japonica 2m	Japan:Hayama,Kanagawa Pref 170m 265
3833 <b>Calocephalus</b> lacteus	Australia: Tasmania 223
3834 <b>Calochortus</b> eurycarpus	OR:Baker County 1700m 297
3835 eurycarpus 20-30cm	WA:Cascade Mtns 257
3836 leichtlinii white 20cm	CA:Carson-Iceberg Wilderness 312
3837 macrocarpus	OR:Crook County 1800m 204
3838 tolmiei	OR:Western Cascades 309
3839 uniflorus (cf)	CA:Northern 270
3840 venustus	CA:Tuolumne County 100
3841 <b>Caltha</b> leptosepala	CO: Pitkin County 3353m 330
3842 leptosepala cream yellow 40cm	OR:Hunts Lake,Jefferson Wilderness 1600m 352
3843 <b>Calylophus</b> lavandulifolius yellow 15cm	UT:Garfield County 194
3844 <b>Calystegia</b> hederacea pink 3m	Japan:Hayama,Kanagawa Pref to 170m 265
3845 soldanella pink 8cm	Japan:Hayama,Kanagawa Pref to 170m 265
3846 <b>Camassia</b> leichtlinii 'Alba' white	OR:Douglas County 204
3847 quamash pale to deep blue 70cm	Canada:Courtenay,BC 337
3848 quamash blue 30-60cm	WA:Blewett Pass 256
3849 <b>Camellia</b> japonica red 3m	Japan:Hayama,Kanagawa Pref to 170m 265
3850 sinensis white 1m	Japan:Hayama,Kanagawa Pref to 170m 265
3851 <b>Campanula</b> alpestris	France:Maritime Alps 2860m 117
3852 barbata	Switzerland:Graubunden Canton 250
3853 cenisia	France/Italy:Cottian Alps 3150m 117
3854 lactiflora EP0505	NE Turkey: Zigana Dag 1650m 93
3855 lasiocarpa	AK:Chugach Mtns 50
3856 latifolia EP0506	NE Turkey: Zigana Dag 1650m 93
3857 prenanthoides	OR:Siskiyou Mts 140
3858 punctata pink 45cm	Japan:Hayama,Kanagawa Pref to 170m 265
3859 scouleri	OR:Siskiyou Mts 140
3860 zoysii	Slovenia:Julian Alps 146
3861 <b>Cardiocrinum</b> cordatum white 80cm	Japan:Hayama,Kanagawa Pref to 170m 265
3862 <b>Carlina</b> acaulis white/yellow 15cm	France:Mond Rond 2000m 352
3863 <b>Carya</b> ovata green 5m+	PA:Allegheny County 349
3864 <b>Castilleja</b> arachnoidea	CA:Klamath Mts 140
3865 hispida	OR:Cascades 140
3866 hispida	OR:Western Cascades 309
3867 hispida ssp. hispida orange 30cm	WA:Olympic Mtns 9
3868 linariifolia	CO:Routt County 326
3869 miniata	OR:Cascades 140
3870 pruinosa	OR:Western Cascades 309
3871 rhexiifolia	OR:Baker County 1700m 297
3872 sp. orange-red 10cm	CA:Mt Shasta 2200m 352
3873 <b>Ceanothus</b> sanguineus white 150cm	OR:Blue Mtns 1524m 294
3874 <b>Centaurea</b> chilensis purple 25cm	Chile:Yerba Loca 76
3875 pseudophrygia	Switzerland:Graubunden Canton 250
3876 scabiosa ssp alpina	Switzerland:Graubunden Canton 250
3877 <b>Cerastium</b> pedunculatum	Switzerland:Graubunden Canton 250
3878 uniflorum	Switzerland:Graubunden Canton 250
3879 <b>Cercocarpus</b> montanus	CO:Larimer County 2073m 149
3880 <b>Chaenactis</b> douglasii	WA:Wenatchee Mtns 1600m 262
3881 <b>Cheilanthes</b> gracillima	OR:Cascades 140
3882 gracillima	OR:Deschutes County 1600m 204
3883 <b>Chelidonium</b> majus v asiaticum yellow 30cm	Japan:Hayama,Kanagawa Pref to 170m 265
3884 <b>Chelonopsis</b> longipes pink 90cm	Japan:Hayama,Kanagawa Pref to 170m 265
3885 <b>Chimaphila</b> umbellata	OR:Siskiyou Mts 140
3886 <b>Chuquiraga</b> oppositifolia red/orange 30cm	Chile:La Parva 76
3887 <b>Cirsium</b> japonicum purple 60cm	Japan:Hayama,Kanagawa Pref to 170m 265

**Wild Collected**

**Wild Collected****Cirsium-Diphylleia**

3888	<b>Cirsium</b> tuberosum	Switzerland:Baselland Canton 250
3889	<b>Clarkia</b> amoena v caurina pink 40cm	WA:Olympic Mtns 9
3890	purpurea(cf)	CA:Klamath Mts 140
3891	<b>Clematis</b> alpina	Switzerland:Baselland Canton 250
3892	apiifolia white	Japan:Shiga Pref. 700m 126
3893	columbiana	WA:near Winthrop 61
3894	gentianoides white 30cm	Australia:East Coast, Tasmania 58
3895	gentianoides	Australia:Tasmania 223
3896	integrifolia blue 90 cm	Kazakstan:Altai Mtns 225
3897	ligusticifolia	CA:Klamath Mts 140
3898	stans lavender 90cm	Japan:Shiga Pref. 700m 126
3899	terniflora white 4m	Japan:Hayama,Kanagawa Pref to 170m 265
3900	virginiana white	MI:Keweenaw County 63
3901	<b>Clerodendrum</b> trichotomum white 4m	Japan:Hayama,Kanagawa Pref 170m 265
3902	<b>Clintonia</b> borealis yellow 20cm	Canada:near Ignace, Ontario 319
3903	borealis	Maine 95
3904	borealis white fruit	Maine 95
3905	udensis white 6cm	Japan:Kiso Valley,Nagano Pref 1300-1800m 265
3906	uniflora	Canada:Cariboo,BC 1100m 84
3907	uniflora	OR:Siskiyou Mts 140
3908	uniflora white 15cm	WA:Olympic Mtns 9
3909	<b>Cnidium</b> japonicum white 8cm	Japan:Hayama,Kanagawa Pref 170m 265
3910	<b>Collinsia</b> heterophylla purple 30cm	CA:Tuolumne County 3200' 36
3911	<b>Collomia</b> larsenii pale lavender 4cm	WA:Cascade Mtns 2073m 152
3912	<b>Commelina</b> communis purple 30cm	Japan:Hayama,Kanagawa Pref 170m 265
3913	<b>Conopholis</b> americana yellow 10cm	PA:Allegheny County 349
3914	<b>Coreopsis</b> rosea	MA:Cape Cod 322
3915	<b>Cornus</b> canadensis	Maine 95
3916	canadensis white 20cm	OR:Marion Lake,Jefferson Wilderness 1800m 352
3917	<b>Coronilla</b> coronata	Switzerland:Solothurn Canton 250
3918	<b>Cortusa</b> turkestanica	Pamir Schugnan Range 2300m 4
3919	<b>Corydalis</b> heterocarpa v japonica yellow 30cm	Japan:Hayama,Kanagawa Pref to 170m 265
3920	incisa violet/pink 30cm	Japan:Hayama,Kanagawa Pref to 170m 265
3921	nobilis yellow 25cm	Kazakstan:Altai Mtns 225
3922	ochotensis cream 20cm	Japan:Komoro City,Nagano Pref 1100m 170
3923	<b>Cotoneaster</b> integerrimus	Switzerland:Graubunden Canton 250
3924	<b>Crinodendron</b> hookerianum red 3m	Chile:Puerto Montt 76
3925	<b>Crinum</b> asiaticum v. japonicum white 90m	Japan:Hayama,Kanagawa Pref to 170m 265
3926	<b>Crocus</b> kotschyanus ssp suworowianus K2P053	Turkey: Prov. Rize, Ovit Dag 2700m 93
3927	sp (not sativus which is sterile)	Greece: Attica 147
3928	vernus (cf) white or lilac 8cm	Italy: Apennine Mts 1500m 184
3929	<b>Cyclamen</b> coum ssp caucasicum	Batumi, Azerbaijan 4
3930	<b>Cynanchum</b> ascyrifolium white 50cm	Japan:Shiga Pref. 700m 126
3931	<b>Cypripedium</b> acaule pink	MI:Cheboygan County 278
3932	<b>Cystopteris</b> fragilis	OR:Crook County 1700m 204
3933	<b>Daphne</b> pseudomezereum	Japan:Shizuoka Pref, Itou-shi 227
3934	<b>Darlingtonia</b> californica	CA:Klamath Mts 140
3935	<b>Delphinium</b> glaucum	OR:Siskiyou Mts 140
3936	glaucum	OR:Western Cascades 309
3937	hansenii plum 61cm	CA:Tuolumne County 100
3938	luteum yellow 20cm	CA:Humboldt County 228
3939	nudicaule	OR:Crook County 2000m 204
3940	nuttallianum aff blue 40cm	CA:Carson-Iceberg Wilderness 312
3941	<b>Deparia</b> acrostichoides	NY:Five Wells,Freeville 351
3942	<b>Dianthus</b> carthusianorum	Switzerland:Solothurn Canton 250
3943	japonicus pink 30cm	Japan:Hayama,Kanagawa Pref to 170m 265
3944	monspessulanus ssp sternbergii	Slovenia: Vrsic Pass 88
3945	pavonius rose 10cm	France:Queyras 186
3946	pavonius (cf)	France/Italy:Maritime Alps 2350m 117
3947	superbus v longicalycinus pink 40cm	Japan:Mt Takamine,Nagano Pref 1900m 170
3948	<b>Diapensia</b> lapponica white 5cm	Japan:Mt Otofuke 123
3949	<b>Dioscorea</b> japonica yellow 4m	Japan:Hayama,Kanagawa Pref to 170m 265
3950	tokoro ( <i>listed last year as D. gracillima</i> ) yellow 4m	Japan:Hayama,Kanagawa Pref 170m 265
3951	<b>Diphylleia</b> grayi white 30cm	Japan:Kiso Valley,Nagano Pref 1300-1800m 265

**Wild Collected**

**Disporum-Frasera****Wild Collected**

3952	<b>Disporum</b> hookeri	WA:Cowlitz Co. 27
3953	sessile white 25cm	Japan:Hayama,Kanagawa Pref to 170m 265
3954	smithii	OR:Siskiyou Mts 140
3955	<b>Dodecatheon</b> alpinum	CA:Klamath Mts 140
3956	frigidum purple 30cm	AK:Heney Mtns, Cordova 339
3957	hendersonii deep pink 25cm	CA:Tuolumne County 4300' 36
3958	jeffreyi	OR:Cascades 140
3959	jeffreyi pink 30cm	OR:Hunts Lake 1600m 352
3960	jeffreyi red/purple 20cm	WA:Olympic Mtns 9
3961	<b>Doronicum</b> clusii	Switzerland:Graubunden Canton 250
3962	<b>Douglasia</b> montana	MT:Pondera County 326
3963	montana pink 5cm	MT:Rattlesnake Mtns 151
3964	<b>Draba</b> paysonii (cf) yellow 2-5cm	WA:Hart's Pass,Cascade Crest 1829m ridgetop rock crevices 274
3965	ramosissima	VA:Warren County 189m 330
3966	tibetica	Pamir Mts-Mt Czecekty 3900m 4
3967	<b>Dracophyllum</b> milliganii	Australia:Tasmania 223
3968	<b>Drimys</b> winteri white 1m	Chile:Puerto Montt 76
3969	<b>Dryas</b> drummondii	Canada:Grand River,Quebec 283
3970	drummondii	MT:Pondera County 326
3971	integrifolia white 10cm	Canada:Port-aux-Choix,Newfoundland 231
3972	octopetala	Slovenia:Vrsic Pass 88
3973	octopetala ssp hookeriana white 5-10cm	WA:Hart's Pass,Cascade Crest 1829m gravel ridgetop 274
3974	<b>Duchesnea</b> chrysantha yellow 6cm	Japan:Hayama,Kanagawa Pref to 170m 265
3975	<b>Echinopsis</b> aff chilensis green 1.5m	Chile:La Parva 76
3976	<b>Elmera</b> racemosa	WA:Cascade Mtns 2000m 262
3977	<b>Epilobium</b> luteum	OR:Cascades 140
3978	<b>Epipactis</b> gigantea	CA:Klamath Mts 140
3979	<b>Erigeron</b> cascadenis	OR:Cascades 140
3980	compositus white/pink	WA:Cascades 51
3981	foliosus	OR:Cascades 140
3982	foliosus	OR:Western Cascades 309
3983	linearis	WA:Columbia Plateau 500m 262
3984	peregrinus ssp peregrinus lt pink 35cm	AK:Chugach Mtns 823m 50
3985	sp violet 10cm	CA:Carson-Iceberg Wilderness 2804m 312
3986	sp white 13cm	CO:Boulder County 1829m 348
3987	tener lavender 6cm	UT:Wasatch Plateau,Sanpete County 3109m 152
3988	thunbergii v glabratus violet 10cm	Japan:Mt Ohohira 123
3989	<b>Eriodictyon</b> californicum	CA:Klamath Mts 140
3990	<b>Eriogonum</b> compositum	OR:Cascades 140
3991	compositum white or yellow 40cm	WA:Southern 51
3992	flavum	MT:Pondera County 326
3993	flavum yellow 15cm	MT:Swan Range 151
3994	nudum	OR:Siskiyou Mts 140
3995	ovalifolium cream 10cm	MT:Rattlesnake Mtns 151
3996	ovalifolium white/turns rust 8cm	WA: Northwest 51
3997	ovalifolium aff	CA:Klamath Mts 140
3998	siskiyouense	CA:Klamath Mts 140
3999	ternatum cf red fls/grey-felted lvs 15-30cm	OR:Siskiyou Mts 140
4000	thymoides white turns rust 2cm	WA:Southern 51
4001	<b>Eriophyllum</b> lanatum	OR:Siskiyou Mts 140
4002	lanatum yellow 20cm	WA:Icicle Creek 256
4003	<b>Erysimum</b> capitatum	OR:Western Cascades 309
4004	<b>Erythronium</b> dens-canis	Spain:Pyrenees 146
4005	elegans white 20cm	OR: Western 51
4006	grandiflorum yellow	CO:Larimer County 73
4007	grandiflorum	CO:Routt County 326
4008	montanum 30cm	WA:Cascade Mtns 257
4009	revolutum rose-pink 35cm	Canada:Courtenay,BC 337
4010	<b>Euphorbia</b> helioscopia lime 15cm	Japan:Hayama,Kanagawa Pref to 170m 265
4011	<b>Fatsia</b> japonica white 2m	Japan:Hayama,Kanagawa Pref to 170m 265
4012	<b>Filipendula</b> multijuga pink 50cm	Japan:Mt Takamine,Nagano Pref 1900m 170
4013	vulgaris	Switzerland:Solothurn Canton 250
4014	<b>Frasera</b> albicaulis blue 40cm	MT:Bitterroot Range 151
4015	fastigiata m	OR:Cascades 140

**Wild Collected**

**Wild Collected****Fritillaria-Helenium**

- 4016 **Fritillaria** affinis v tristulis dark purple  
w green-yellow mottling 80cm Canada:Courtenay,BC 337  
CA:Konocti Mtn,Lake County 549m 321
- 4017 agrestis Pamir, Darvas 2000m 4
- 4018 bucharica Canada:Courtenay,BC 337
- 4019 camschatcensis bronze to purple brown 60cm AK:Eyak River,Cordova 339
- 4020 camschatcensis from Alaska brown/black 30cm OR:Crook County 1800m 204
- 4021 pudica AK: Birchwood 5
- 4022 sp Japan:Sapporo 18
- 4023 **Gagea** lutea yellow 15-20cm Kazakstan:Altai Mtns 225
- 4024 sp yellow 10cm Batumi, Azerbaijan 4
- 4025 **Galanthus** woronowii CA:Klamath Mts 140
- 4026 **Galium** glabrescens Japan:Mt Takamine,Nagano Pref 1900m 170
- 4027 verum ssp asiaticum cream 70cm Chile:Volcano Casablanca 76
- 4028 **Gaultheria** pumila pink fruit 2cm NH:Wolfboro 356
- 4029 **Gaylussacia** baccata red SC:Chesterfield County,Sandhills Game Refuge 255
- 4030 dumosa white 20cm Spain:Pyrenees 1750m 117
- 4031 **Genista** sp Pyrenees 1800m 252
- 4032 **Gentiana** acaulis dark blue 10cm Slovenia:Julian Alps 182
- 4033 acaulis blue 12cm Spain:Pyrenees 146
- 4034 acaulis France:Pyrenees 2400m 117
- 4035 acaulis (cf) Japan:Mt Koizumi 123
- 4036 algida f igarashii white 10cm Andorra:Pyrenees 2300m 117
- 4037 alpina Spain:Pyrenees 2600m 117
- 4038 alpina Spain/France:Pyrenees 2400m 117
- 4039 alpina Switzerland:Graubunden Canton 250
- 4040 asclepiadea France:Cottian Alps 2850m 117
- 4041 brachyphylla (cf) OR:Cascades 140
- 4042 calycosa Spain:Pyrenees 1600m 117
- 4043 cruciata (cf) Switzerland:Graubunden Canton 250
- 4044 lutea Spain:Pyrenees 1850m 117
- 4045 lutea (cf) Norway:Jotunheim 354
- 4046 nivalis blue Pyrenees 1400m 252
- 4047 occidentalis dark blue 5cm Spain:Pyrenees 1750m 117
- 4048 occidentalis (cf) CO:Routt County 326
- 4049 parryi OR:Siskiyou Mts 140
- 4050 plurisetosa China:Anhui Mtns Yunnan 4
- 4051 rhodantha China:Anhui Mtns Yunnan 4
- 4052 rigescens New Zealand 51
- 4053 saxosa white 10cm Italy: Apennine Mts 1500m 184
- 4054 verna blue 8cm Spain:Pyrenees 146
- 4055 verna CA:Klamath Mts 140
- 4056 **Gentianella** amarella ssp acuta CO: Pitkin County 326
- 4057 **Gentianopsis** thermalis England:Matlock, Derbyshire 147
- 4058 **Geranium** pratense AR:Boston Mtns 230
- 4059 sp pink 40cm Japan:Hayama,Kanagawa Pref 170m 265
- 4060 thunbergii white(pinkish) 30cm AK:Seward Peninsula 50
- 4061 **Geum** glaciale yellow/hairy lvs 7.5-10cm AK:Wooley Lagoon-Seward Peninsula sea level 50
- 4062 glaciale yellow 7.5cm Japan:Hayama,Kanagawa Pref to 170m 265
- 4063 japonicum yellow 40cm Pyrenees 1800m 252
- 4064 pyrenaicum gold 20cm England:North Pennines,Cumbria 266
- 4065 rivale dusky pink 20cm Idaho 51
- 4066 rossii pink 10cm WA: Wenatchee 256
- 4067 triflorum white/pink 30cm Spain:Pyrenees 2100m 117
- 4068 **Globularia** repens Spain:Pyrenees 1700m 117
- 4069 repens IN:Orange County 6
- 4070 **Goodyera** pubescens 10cm Canada:Victoria,British Columbia 270
- 4071 **Grindelia** integrifolia yellow 30cm Chile:Volcano Osorno 76
- 4072 **Griselinia** racemosa purple 1m CA:Hornbrook 312
- 4073 **Hastingsia** alba white 90cm OR:Siskiyou Mts 140
- 4074 alba Malaysia:Crocker Range, Borneo 1600m 265
- 4075 **Hedychium** cylindricum aff flowers not seen 90cm
- 4076 **Hedysarum** boreale ssp mackenziei  
pale pink 50-60cm AK:Mile 166 610m 50
- 4077 **Helenium** bigelovii OR:Siskiyou Mts 140

**Helenium-Leucanthemum****Wild Collected**

4078 <b>Helenium</b> hoopesii orange 40cm	WY:Salt River Range 151
4079 <b>Helianthella</b> uniflora	OR:Western Cascades 309
4080 <b>Helianthemum</b> nummularium ssp grandiflorum	Switzerland:Graubunden Canton 250
4081 <b>Helleborus</b> foetidus	France:Maritime Alps 182
4082 <b>niger</b>	Slovenia: Vrsic Pass 88
4083 <b>Hemerocallis</b> esculenta yellow 70cm	Japan:Mt Takamine,Nagano Pref 1900m 170
4084 <b>littorea</b> orange 60cm	Japan:Hayama,Kanagawa Pref 170m 265
4085 <b>thunbergii</b> yellow 60cm	Japan:Kiso Valley,Nagano Pref 1300-1800m 265
4086 <b>Heterotheca</b> villosa	CO:Irwin,Gunnison County 73
4087 <b>Heuchera</b> bracteata	CO:Larimer County 2073m 149
4088 <b>chlorantha</b> green-white to 1m	WA Western 9
4089 <b>cylindrica</b>	OR:Crook County 1700m 204
4090 <b>cylindrica</b> white 15-90cm	WA:Wenatchee 256
4091 <b>cylindrica</b>	WA:Wenatchee Mtns 1000m 262
4092 <b>merriamii</b>	OR:Western Cascades 309
4093 <b>micrantha</b>	OR:Siskiyou Mts 140
4094 <b>micrantha</b> white 20cm	WA:Olympic Mtns 9
4095 <b>micrantha</b> v <b>erubescens</b> white 30cm	CA:Carson-Iceberg Wilderness 312
4096 <b>Hibiscus</b> laevis	MO:Jefferson County 6
4097 <b>trionum</b>	NY:Five Wells,Freeville 351
4098 <b>Hippocrepis</b> comosa	Switzerland:Solothurn Canton 250
4099 <b>Holodiscus</b> dumosus	CA:Klamath Mts 140
4100 <b>Hosta</b> longipes pale purple 50cm	Japan:Tabayama-mura,Yamanashi Pref 800m 170
4101 <b>Houstonia</b> longifolia	MO:St Louis County 6
4102 <b>Hyacinthoides</b> non-scripta blue 20-30cm	England:Yorkshire,Ancient Woodland near Sheffield 266
4103 <b>Hydrophyllum</b> capitatum purple 30cm	WA:Olalla Canyon 256
4104 <b>Hymenoxys</b> richardsonii v <b>richardsonii</b> yellow (cut leaf) 8cm	NV:Humboldt Range, Elko County 2713m 152
4105 <b>Hypericum</b> elongatum yellow 25cm	Kazakstan:Altai Mtns 225
4106 <b>scouleri</b>	OR:Cascades 140
4107 <b>Hypochaeris</b> uniflora	Switzerland:Graubunden Canton 250
4108 <b>Impatiens</b> capensis (PI)	MA:Eastern 322
4109 <b>Ipomopsis</b> aggregata	OR:Crook County 1700m 204
4110 <b>aggregata</b>	OR:Siskiyou Mts 140
4111 <b>aggregata</b> ssp <b>weberi</b>	CO:Routt County 326
4112 <b>Iresine</b> rhizomatosa 60cm	MO:Jefferson County 6
4113 <b>Iris</b> attica yellow 8cm	Greece:Attica 147
4114 <b>hookeri</b> blue 30cm	Canada:Cape Spear, Newfoundland 83
4115 <b>hookeri</b>	Canada:Tourelle,Gaspe,Quebec 283
4116 <b>missouriensis</b>	CA:Klamath Mts 140
4117 <b>missouriensis</b> purple 50cm	CA:Mono County 279
4118 <b>missouriensis</b>	OR:Crook County 1700m 204
4119 <b>pseudocaucasica</b> K2P0518	Turkey:Prov. Van,near Ercek 1890m 93
4120 <b>pumila</b> dark blue 20cm	France:Var 186
4121 <b>rosenbachiana</b>	Pamir, Hissar Valley Harangon 4
4122 <b>sanguinea</b> blue 50cm	Japan:Mt Takamine,Nagano Pref 1900m 170
4123 <b>sanguinea</b> blue 40cm	Japan:Shiga Pref. 700m 126
4124 <b>setosa</b> purple 45cm	AK:Eyak River,Cordova 339
4125 <b>Isophysis</b> tasmanica	Australia:Tasmania 223
4126 <b>Ixeris</b> debilis white 45cm	Japan:Hayama,Kanagawa Pref to 170m 265
4127 <b>Juncus</b> ensifolius 30cm	WA:Western 9
4128 <b>Juniperus</b> communis v <b>saxatilis</b> 15cm	Canada:Cape Spear, Newfoundland 83
4129 <b>Jurinea</b> cyanoides pale purple 100-120cm	Belarus:Gomel 350
4130 <b>Kalimeris</b> pseudoyomena white/lavender 60cm	Japan:Hayama,Kanagawa Pref 170m 265
4131 <b>Knautia</b> sylvatica	Switzerland:Graubunden Canton 250
4132 <b>Koelreuteria</b> paniculata yellow 4m+	PA:Allegheny County 349
4133 <b>Lactuca</b> sororia violet 100cm	Japan:Hayama,Kanagawa Pref to 170m 265
4134 <b>Laserpitium</b> halleri	Switzerland:Graubunden Canton 250
4135 <b>latifolium</b>	Switzerland:Graubunden Canton 250
4136 <b>Latua</b> pubiflora blue 2m	Chile:Oncol 76
4137 <b>Leonurus</b> sibiricus purple 1m	Japan:Hayama,Kanagawa Pref 170m 265
4138 <b>Leptarrhena</b> pyrolifolia white 20cm	AK:Hatcher Pass, Talkeetna Mtns damp stratify 22
4139 <b>Leucanthemopsis</b> alpina	Switzerland:Graubunden Canton 250
4140 <b>Leucanthemum</b> vulgare montane form larger flrs	Switzerland:Graubunden Canton 250

**Wild Collected**

**Wild Collected****Lewisia-Lycium**

- 4141 **Lewisia** rediviva pink & white OR:Crook County 1400m 204  
 4142 rediviva WA:Wenatchee Mtns 1600m 262  
 4143 tweedyi WA:Wenatchee Mtns 1600m 262  
 4144 **Liatris** cylindracea pink 30cm MO:St Louis County 6  
 4145 punctata pink/purple 30-45cm CO:Boulder County 304  
 4146 **Ligusticum** scoticum white 45cm Canada:Cape Spear, Newfoundland 83  
 4147 **Lilium** auratum white 1m Japan:Hayama,Kanagawa Pref to 170m 265  
 4148 ciliatum EP0504 NE Turkey: Zigana Dag 1650m 93  
 4149 columbianum Canada:Cariboo,BC 1100m 84  
 4150 columbianum OR:Lincoln County 1200m 204  
 4151 columbianum orange 1m WA:Southern Olympics north of Matlock 61  
 4152 formosanum white 150cm Japan:Hayama,Kanagawa Pref to 170m 265  
 4153 kelloggii pink to white 180cm CA:Humboldt County 152m 317  
 4154 kesselringianum EP0509 NE Turkey:near Savsat 1700m 93  
 4155 maculatum orange 45cm Japan:Hayama,Kanagawa Pref to 170m 265  
 4156 martagon NY:Five Wells,Freeville 351  
 4157 martagon Spain:Pyrenees 1700m 117  
 4158 medeoloides red 50cm Japan:Mt Takamine,Nagano Pref 1900m 170  
 4159 monadelphum v armenum EP0502 NE Turkey: Zigana Dag 1700m 93  
 4160 pardalinum red 1m CA: Humboldt County,Mattole River 228  
 4161 pardalinum ssp shastense orange to red 150cm CA:Plumas County 914m 317  
 4162 pardalinum ssp vollmeri red-orange OR:Siskiyou Mts 270  
 4163 parvum orange to red 150cm CA:El Dorado County 2316m 317  
 4164 parvum v hallidayi magenta to pink 150cm CA:El Dorado County 1219m 317  
 4165 pyrenaicum Andorra:Pyrenees 2100m 117  
 4166 pyrenaicum ssp carniolicum Slovenia:Mt Illirski Sheznik 88  
 4167 pyrenaicum ssp ponticum EP0517 Turkey:Prov. Rize, Ovit Dag 1650m 93  
 4168 rubescens white & dark red 180cm CA:Humboldt County,Briceland 228  
 4169 superbum orange 150cm RI:Briggs Beach,Little Compton 154  
 4170 washingtonianum white 180cm CA:Plumas County 1372m 317  
 4171 wigginsii yellow 120cm CA:Del Norte County 1433m 317  
 4172 **Linaria** alpina Spain:Pyrenees 2600m 117  
 4173 sp. rose-purple 80cm UK:Yorkshire 12  
 4174 **Lindera** praecox Japan:Shizuoka Pref, Mt Sobatsubu 227  
 4175 **Linum** lewisii CO:Irwin,Gunnison County 73  
 4176 lewisii v lewisii OR:Western Cascades 309  
 4177 perenne ssp lewisii OR:Siskiyou Mts 140  
 4178 **Liriope** muscari violet 30cm Japan:Hayama,Kanagawa Pref to 170m 265  
 4179 **Lithocarpus** edulis 8m Japan:Hayama,Kanagawa Pref 170m 265  
 4180 **Loiseleuria** procumbens pink 5cm Japan:Mt Otofuke 123  
 4181 procumbens NH:Coos County 283  
 4182 **Lomatium** dissectum yellow 30cm CA:Carson-Iceberg Wilderness 312  
 4183 dissectum MT:Glacier County 326  
 4184 hallii OR:Western Cascades 309  
 4185 nudicaule OR:Cascades 140  
 4186 nudicaule yellow 60cm WA:Western 9  
 4187 **Lonicera** hispidula pinkish-purple vine WA:Western 9  
 4188 **Lotus** corniculatus yellow 10cm UK: Huddersfield 12  
 4189 corniculatus v japonicus yellow 7cm Japan:Hayama,Kanagawa Pref to 170m 265  
 4190 maritimus Switzerland:Solothurn Canton 250  
 4191 **Luetkea** pectinata white 15-20cm WA:Cascade Mtns 257  
 4192 pectinata WA:Cascade Mtns 2000m 262  
 4193 **Luina** hypoleuca OR:Western Cascades 309  
 4194 hypoleuca WA:Cascade Mtns 2000m 262  
 4195 **Lupinus** arcticus Canada:Cariboo,BC 1100m 84  
 4196 argenteus CO:Routt County 326  
 4197 argenteus MT:Pondera County 326  
 4198 densiflorus white 60cm CA:Calaveras County 762m 312  
 4199 nootkatensis purple 60cm AK:Copper River Hwy,Cordova 339  
 4200 polyphyllus blue 150cm Canada:Fraser River,Prince George, BC 282  
 4201 polyphyllus blue 30cm MT:Bitterroot Range 151  
 4202 **Lychnis** miqueliana tangerine/red 60cm Japan:Kiso Valley,Nagano Pref 1300-1800m 265  
 4203 viscaria pink/red 40-50cm Belarus:Minsk Region 350  
 4204 **Lycium** chinense violet 60cm Japan:Hayama,Kanagawa Pref to 170m 265

**Wild Collected**

**Lycoris-Pedicularis****Wild Collected**

4205	<b>Lycoris</b> sanguinea orange 40cm	Japan:Hayama,Kanagawa Pref to 170m 265
4206	<b>Lysimachia</b> ciliata	NY:Five Wells,Freeville 351
4207	mauritiana white 25cm	Japan:Hayama,Kanagawa Pref to 170m 265
4208	quadrifolia	NY:Five Wells,Freeville 351
4209	<b>Macleaya</b> cordata white 2m	Japan:Hayama,Kanagawa Pref to 170m 265
4210	<b>Madia</b> bolanderi	OR:Siskiyou Mts 140
4211	<b>Mahonia</b> nervosa yellow 60cm	OR:Marion Lake Trail,Jefferson Wilderness 1750m 352
4212	repens yellow 40-50cm	WA:Cascade Mtns 257
4213	<b>Maianthemum</b> canadense	Maine 95
4214	<b>Malva</b> moschata	NY:Five Wells,Freeville 351
4215	<b>Manfreda</b> virginica 100cm	MO:Jefferson County 6
4216	<b>Matelea</b> decipiens 100cm vine	MO:St Louis County 6
4217	<b>Melastoma</b> sabahense aff violet 2.5m	Malaysia:Crocker Range, Borneo 1600m 265
4218	<b>Mentzelia</b> laevicaulis	CA:Klamath Mts 140
4219	<b>Menyanthes</b> trifoliata white 30cm	AK:Heney Mtns, Cordova 339
4220	<b>Menziesia</b> ferruginea	OR:Cascades 140
4221	<b>Merendera</b> kurdica K2P0525	Turkey:Prov. Van,Karabet Pass 2630m 93
4222	<b>Mertensia</b> maritima blue 8cm	Canada:Western Nova Scotia 283
4223	<b>Metanarthechium</b> luteo-viride white 30cm	Japan:Mt Takamine,Nagano Pref 1900m 170
4224	<b>Mimulus</b> alsinoides yellow w/red spots 15cm	OR:Cascades 140
4225	guttatus	Canada:Cariboo,BC 1100m 84
4226	guttatus	OR:Cascades 140
4227	lewisii	WY:Carbon County 326
4228	tilingii	OR:Cascades 140
4229	<b>Minuartia</b> verna white 5cm	Germany:Aachen-Breinigerberg 292
4230	<b>Mitchella</b> repens 2cm	MO:Wayne County 6
4231	repens white	NH:Wolfboro 356
4232	<b>Mitella</b> nuda or pentandra(cf) white 10cm	Canada:Alberta Rockies 290
4233	<b>Moenchia</b> erecta white 10cm	France:La Baraque des Chaumes 292
4234	<b>Monarda</b> fistulosa lavender 60-120cm	MI:Crawford County 278
4235	<b>Monardella</b> odoratissima white 30cm	CA:Carson-Iceberg Wilderness 312
4236	odoratissima lavender-purple 30cm	CA:Mt Shasta 2200m 352
4237	odoratissima	OR:Siskiyou Mts 140
4238	<b>Muscari</b> sp Botryanthus Group dark blue 7cm	Greece: Attica 147
4239	<b>Narcissus</b> pumilis	France:Maritime Alps 88
4240	<b>Narthecium</b> californicum	OR:Siskiyou Mts 140
4241	<b>Nothochelone</b> nemorosa	OR:Deschutes County 1500m 204
4242	nemorosa	OR:Siskiyou Mts 140
4243	<b>Nothofagus</b> aff antarctica 1-4m	Chile:Villarica 76
4244	aff dombeyi 8m	Chile:Villarica 76
4245	<b>Oenothera</b> elata ssp hirsutissima	CA:Klamath Mts 140
4246	macrocarpa	MO:St Louis County 6
4247	<b>Oplopanax</b> horridus greenish white 1-3m	OR:Marion Lake Trail,Jefferson Wilderness 1780m 352
4248	<b>Orthilia</b> secunda	OR:Siskiyou Mts 140
4249	<b>Orthocarpus</b> cuspidatus ssp copelandii	CA:Klamath Mts 140
4250	imbricatus	OR:Cascades 140
4251	<b>Ovidia</b> pillo-pillo white 1m	Chile:Oncol 76
4252	<b>Oxytropis</b> halleri (cf) 10cm	Switzerland:Graubunden Canton 250
4253	<b>Paeonia</b> japonica white 45cm	Japan:Kiso Valley,Nagano Pref 1300-1800m 265
4254	mascula ssp arietina EP0514	NE Turkey:Kackar Mts. 2200m 93
4255	<b>Papaver</b> dubium orange 30cm	Japan:Hayama,Kanagawa Pref to 170m 265
4256	julicum white 25cm	Slovenia:Julian Alps 182
4257	kernerii	Slovenia:Julian Alps 146
4258	sp. orange 15cm	Pamir-Schugnan Range 2300m 4
4259	<b>Parnassia</b> californica	OR:Siskiyou Mts 140
4260	fimbriata	OR:Cascades 140
4261	fimbriata white 20cm	WA:Olympic Mtns 9
4262	palustris	Slovenia:Julian Alps 146
4263	palustris v parviflora white 12cm	Canada:Mt St Pierre, Quebec 283
4264	<b>Paulownia</b> tomentosa purple/violet 8m	Japan:Hayama,Kanagawa Pref 170m 265
4265	<b>Pedicularis</b> bracteosa	OR:Cascades 140
4266	chamissonis ssp japonica pink 15cm	Japan:Mt Furamo 123
4267	groenlandica	CO: Pitkin County 3353m 330
4268	groenlandica	OR:Cascades 140

**Wild Collected**



**Wild Collected****Pedicularis-Phyteuma**

4269	<b>Pedicularis</b> racemosa	OR:Siskiyou Mts 140
4270	sceptrum-carolinum	Norway:Jotunheim 354
4271	verticillata pink 15cm	Japan:Mt Hirayamo 123
4272	<b>Pellaea</b> breweri	CA:Carson-Iceberg Wilderness 312
4273	<b>Penstemon</b> angustifolius v caudatus	CO:Pueblo County 326
4274	caespitosus v desertipicti blue 2cm	UT:Garfield County 150
4275	cardwellii	OR:Cascades 140
4276	cardwellii	OR:Lincoln County 1000m 204
4277	cobaea	MO:Franklin County 6
4278	confertus yellow 20cm	WA:Blewett Pass 256
4279	crandallii ssp procumbens	CO:Irwin,Gunnison County 73
4280	davidsonii purple 6cm	OR:Indigo Lake,W Cascades 1830m 352
4281	davidsonii blue-lavender 10cm	WA:Cascade Mtns 257
4282	davidsonii	WA: Cascade Mtns 2000m 262
4283	davidsonii v davidsonii	OR:Siskiyou Mts 140
4284	deustus	OR:Siskiyou Mts 140
4285	frutescens violet 10cm	Japan:Mt Hirayamo 123
4286	fruticosus lavender-blue 30cm	Canada:Lilloet, BC 337
4287	globosus	OR:Baker County 1800m 297
4288	humilis	OR:Crook County 1700m 204
4289	palmeri v palmeri light lavender (huge flrs) 140cm	NV:Eureka County 1951m 152
4290	parvulus	OR:Siskiyou Mts 140
4291	procerus	WA:Cascade Mtns 2000m 262
4292	procerus v brachyanthus	OR:Siskiyou Mts 140
4293	pumilus blue 8cm	ID:Clark County 1783m 152
4294	rattanii	OR:Siskiyou Mts 140
4295	roezlii	OR:Crook County 1700-2000m 204
4296	rupicola	OR:Cascades 140
4297	rupicola	OR:Western Cascades 309
4298	rupicola	WA:Cascade Mtns 2000m 262
4299	rydbergii	OR:Deschutes County 1700m 204
4300	rydbergii	OR:Western Cascades 309
4301	serrulatus purple 0cm	Canada:Courtenay,BC 337
4302	serrulatus purple 40cm	WA:Olympic Mtns 9
4303	sp white 50cm	AR:Boston Mtns 230
4304	sp (mat form on scree) 15cm	Canada:Alberta Rockies 290
4305	speciosus	CA:Klamath Mts 140
4306	speciosus	OR:Crook County 1800m 204
4307	spp mixed newberryi/cardwellii & hybrids mix	OR:Siskiyou Mts 140
4308	subserratus purple 45cm	OR:Hood County 1372m 294
4309	venustus purple 90cm	ID:Hot Springs Pass 1524m 294
4310	<b>Persicaria</b> bistortoides	CO:Pitkin County 3353m 330
4311	longiseta pink 30cm	Japan:Hayama,Kanagawa Pref 170m 265
4312	orientalis pink 120cm	Japan:Hayama,Kanagawa Pref 170m 265
4313	senticosa white/pink/red 2m	Japan:Hayama,Kanagawa Pref to 170m 265
4314	<b>Petrocallis</b> pyrenaica pink	France:Pyrenees 2850m 117
4315	<b>Peucedanum</b> japonicum white 45cm	Japan:Hayama,Kanagawa Pref to 170m 265
4316	<b>Phacelia</b> hastata white 50cm	CA:Mono County 279
4317	sericea	WA:Cascade Mtns 2000m 262
4318	sericea violet 20-40cm	WA:Hart's Pass,Cascade Crest 1829m gravel ridge 274
4319	sericea purple 15cm	WA:Northwest 51
4320	<b>Phlox</b> diffusa white & pink 2-6cm	WA:Hart's Pass,Cascade Crest 1829m crevices & gravel slopes 274
4321	hoodii	OR:Baker County 1100m 297
4322	hoodii aff	OR:Baker County 2000m 297
4323	stansburyi pink 12.5cm	CA:Inyo County 1524m 36
4324	<b>Phyla</b> nodiflora white 10cm	Japan:Hayama,Kanagawa Pref 170m 265
4325	<b>Phylodoce</b> aleutica white 15cm	Japan:Mt Midori 123
4326	caerulea dark pink 15cm	Japan:Mt Biei 123
4327	caerulea	NH:Coos County 283
4328	empetriformis	WA:Northen Cascades 61
4329	<b>Physocarpus</b> opulifolius white 1m+	PA:Piney Fork 349
4330	<b>Physostegia</b> virginiana ssp praemorsa purple 75cm	TX:East 338
4331	<b>Phyteuma</b> orbiculare	Switzerland:Graubunden Canton 250
4332	scheuchzeri violet 25cm	Slovenia:Julian Alps 182

**Phyteuma-Rhodothamnus****Wild Collected**

4333 <b>Phyteuma</b> sp 20cm	Pamir-Badchu Valley 3200m 4
4334 <b>Pilosella</b> officinarum yellow 5-15cm	Belarus:Liv'ye 350
4335 <b>Pityopsis</b> fasciata	MA:Cape Cod 322
4336 <b>Plantago</b> asiatica green/white 20cm	Japan:Hayama,Kanagawa Pref 170m 265
4337 major v japonica white 60cm	Japan:Hayama,Kanagawa Pref to 170m 265
4338 <b>Platanthera</b> dilatata white 40cm	AK:Sunny Bay,Cordova 339
4339 leucostachys	CA:Klamath Mts 140
4340 <b>Polemonium</b> carneum	OR:Western Cascades 309
4341 elegans (cf) blue 7-14cm	WA:Hart's Pass,Cascade Crest 2134m ridgetop rock crevices 274
4342 <b>Pollia</b> japonica white 1m	Japan:Hayama,Kanagawa Pref to 170m 265
4343 <b>Polygonatum</b> biflorum white 1m	MI:Kent County 279
4344 biflorum v commutatum	MN:near Hayward 329
4345 <b>Polystichum</b> lonchitis	OR:Cascades 140
4346 <b>Potentilla</b> alchemilloides white 20cm	Pyrenees 1800m 252
4347 flabellifolia golden yellow 8cm	WA:Cascade Mtns 1798m 152
4348 glandulosa ssp nevadensis white 40cm	CA:Carson-Iceberg Wilderness 312
4349 nitida	Slovenia:Julian Alps 146
4350 nitida pink 3cm	Slovenia:Julian Alps 182
4351 recta yellow 45cm	PA:Piney Fork 349
4352 sp yellow 20cm	Pamir-Badchu Valley 3000m 4
4353 verna (Jura form)	Switzerland:Jura Canton 250
4354 <b>Prenanthes</b> alba white/purple-tinged 60-150cm	MI:Crawford County 278
4355 serpentaria purple 60cm	PA:Allegheny County 349
4356 <b>Primula</b> cuneifolia pink 5cm	Japan:Mt Biei 123
4357 hirsuta	France:Pyrenees 1500m 117
4358 hirsuta	Spain/France:Pyrenees 2400m 117
4359 integrifolia	Andorra:Pyrenees 2300m 117
4360 integrifolia	Spain:Pyrenees 2600m 117
4361 japonica orange 40cm	Japan:Kiso Valley,Nagano Pref 1300-1800m 265
4362 marginata	France:Cottian Alps 2750m 117
4363 marginata pale blue 15cm	France:Maritime Alps 186
4364 wulfeniana	Slovenia:Julian Alps 146
4365 <b>Prumnopitys</b> andina green 5m	Chile:Volcano Llaina 76
4366 <b>Prunella</b> grandiflora	Switzerland:Solothurn Canton 250
4367 <b>Ptilotus</b> spathulatus	Australia: Tasmania 223
4368 <b>Pulsatilla</b> alpina white 30cm	Pyrenees 1800m 252
4369 alpina ssp apiifolia yellow 40cm	Slovenia:Julian Alps 182
4370 alpina ssp apiifolia	Spain:Pyrenees 146
4371 alpina ssp apiifolia	Switzerland:Graubunden Canton 250
4372 rubra ssp hispanica nearly black 30cm	Spain:Picos de Europa 225
4373 vernalis	Pyrenees 164
4374 vernalis	Spain:Pyrenees 146
4375 <b>Pyrola</b> elliptica	New Jersey 95
4376 picta	OR:Siskiyou Mts 140
4377 <b>Raillardella</b> argentea yellow 15cm	CA:Carson-Iceberg Wilderness 312
4378 <b>Ramonda</b> myconi	Spain:Pyrenees 1700m 117
4379 <b>Ranunculus</b> glacialis	Switzerland:Graubunden Canton 250
4380 silerifolius yellow 30cm	Japan:Hayama,Kanagawa Pref to 170m 265
4381 <b>Raphanus</b> sativus v raphanistroides purple 90cm	Japan:Hayama,Kanagawa Pref to 170m 265
4382 <b>Rhexia</b> mariana pink 25cm	VA:Newport News 264
4383 virginica	PA:Lancaster County 15
4384 <b>Rhodiola</b> rosea yellow 30cm	Canada:Cape Spear, Newfoundland 83
4385 <b>Rhododendron</b> aureum yellow 15cm	Japan:Mt Furamo 123
4386 camtschaticum pink 5cm	Japan:Mt Furamo 123
4387 canadense	NH:Coos County 283
4388 crassifolium lipstick orange 1m	Malaysia:Crocker Range, Borneo 1600m 265
4389 ferrugineum	France:Pyrenees 1500m 117
4390 hirsutum	Slovenia:Julian Alps 146
4391 lapponicum	NH:Coos County 283
4392 macrophyllum	OR:Siskiyou Mts 140
4393 periclymenoides pink	NY:Somerset County 356
4394 <b>Rhodothamnus</b> chamaecistus	Slovenia:Julian Alps 146
4395 chamaecistus bright rose 20cm	Slovenia:Julian Alps 182
4396 chamaecistus	Slovenia:Vrsic Pass 88

**Wild Collected**

**Wild Collected****Rhynchosia-Soldanella**

4397	<b>Rhynchosia</b> acuminatifolia yellow 2m	Japan:Hayama,Kanagawa Pref 170m 265
4398	<b>Ribes</b> binominatum	OR:Siskiyou Mts 140
4399	sanguineum	OR:Siskiyou Mts 140
4400	<b>Romanzoffia</b> sitchensis	OR:Cascades 140
4401	<b>Rosa</b> carolina pink 1m	PA:Lancaster County 15
4402	gymnocarpa	OR:Siskiyou Mts 140
4403	multiflora white/pink 200cm	Japan:Hayama,Kanagawa Pref to 170m 265
4404	pisocarpa (cf) 70cm	CA:Klamath Mts 140
4405	spithamea	OR:Cascades 140
4406	wichuraiana white 1m	Japan:Hayama,Kanagawa Pref to 170m 265
4407	<b>Rudbeckia</b> californica	CA:Klamath Mts 140
4408	laciniata	NY:Five Wells,Freeville 351
4409	occidentalis	OR:Siskiyou Mts 140
4410	triloba	NY:Five Wells,Freeville 351
4411	<b>Salvia</b> japonica purple 20cm	Japan:Hayama,Kanagawa Pref to 170m 265
4412	<b>Sanguisorba</b> officinalis brown/purple 60cm	Japan:Kiso Valley,Nagano Pref 1300-1800m 265
4413	<b>Saponaria</b> caespitosa	Spain:Pyrenees 2100m 117
4414	officinalis white 30-40cm	Belarus:Grodno 350
4415	<b>Saxifraga</b> aizoides yellow 15cm	Pyrenees 1500m 252
4416	aizoides yellow 15cm	Slovenia:Julian Alps 182
4417	aretioides	France:Pyrenees 1900m 117
4418	aretioides	France:Pyrenees 1600m 117
4419	bronchialis	OR:Cascades 140
4420	bronchialis ssp funstonii light yellow 12.5cm	AK: Chugach Mtns 1158m 50
4421	bronchialis ssp vespertina	OR:Western Cascades 309
4422	crustata white 15-20cm	Slovenia:Julian Alps 182
4423	diapensioides white 5cm	France:Queyras 186
4424	longifolia white 50cm	Pyrenees 1600m 252
4425	oppositifolia	France/Italy: Cottian Alps 3150m 117
4426	oppositifolia	Switzerland:Graubunden Canton 250
4427	oregana	OR:Cascades 140
4428	paniculata	France:Pyrenees 1600m 117
4429	squarrosa	Slovenia:Julian Alps 146
4430	tolmiei v tolmiei white 6cm	WA:Cascade Mtns 1981m 152
4431	<b>Scilla</b> scilloides pink 20cm	Japan:Hayama,Kanagawa Pref 170m 265
4432	<b>Scutellaria</b> antirrhinoides	CA:Klamath Mts 140
4433	indica v parvifolia purple 10 cm	Japan:Hayama,Kanagawa Pref to 170m 265
4434	<b>Sedum</b> lanceolatum	CA:Klamath Mts 140
4435	obtusatum white 10cm	CA:Carson-Iceberg Wilderness 312
4436	obtusatum	CA:Klamath Mts 140
4437	oreganum	OR:Cascades 140
4438	oregonense	OR:Cascades 140
4439	<b>Semiaquilegia</b> adoxoides white 30cm	Japan:Hayama,Kanagawa Pref to 170m 265
4440	<b>Senecio</b> albogilvus white 7cm	Australia:Mt Wellington,Tasmania 58
4441	doronicum	Switzerland:Solothurn Canton 250
4442	pseudo-arnica yellow 25cm	Canada:Tourelle,Gaspé,Quebec 283
4443	sp yellow 3cm	Chile:Termas de Chillan 76
4444	<b>Senna</b> hebecarpa yellow 90 cm	VA:Montgomery County 264
4445	marilandica 60cm	MO:Jefferson County 6
4446	<b>Seseli</b> petraeum EP0508	NE Turkey:above Macka 600m 93
4447	<b>Sibbaldia</b> procumbens white 2cm	OR:Deschutes County 1676m 294
4448	<b>Sidalcea</b> glaucescens pink 40 cm	CA:Carson-Iceberg Wilderness 312
4449	<b>Sieversia</b> reptans	Iceland:South 320
4450	reptans	Switzerland:Graubunden Canton 250
4451	<b>Silene</b> acaulis	Spain:Pyrenees 2600m 117
4452	armeria pink 50-60cm	Belarus:Soligorsk 350
4453	dioica white 30-50cm	Belarus:Liv'ye 350
4454	douglasii	OR:Cascades 140
4455	subciliata red 1m	TX:East 338
4456	vulgaris rose 15-20cm	Pamir Schugnan Range 2300m 4
4457	<b>Smallanthus</b> uvedalius 1m	MO:St Louis County 6
4458	<b>Smelowskia</b> calycina white 8cm	WA:Northwest 51
4459	<b>Smilacina</b> racemosa	PA:Allegheny County 91
4460	<b>Soldanella</b> alpina	Slovenia:Julian Alps 146

**Soldanella-Vernonia****Wild Collected**

4461 <b>Soldanella minima</b>	Slovenia:Julian Alps 146
4462 <b>Solidago bicolor</b>	MA:Eastern 322
4463 multiradiata	WA:Cascade Mtns 2000m 262
4464 spathulata	Canada:Cariboo,BC 1100m 84
4465 uliginosa v linoides yellow 45cm	Canada:St Albans, Newfoundland 83
4466 <b>Sphaeralcea ambigua</b> (aff.) orange 50cm	NV:White Pine County 2012m 152
4467 <b>Sphenosciadium capitellatum</b>	OR:Cascades 140
4468 <b>Spiraea nervosa</b> white 150cm	Japan:Shiga Pref. 700m 126
4469 splendens	CA:Klamath Mts 140
4470 <b>Stachys officinalis</b>	Switzerland:Solothurn Canton 250
4471 rigida	OR:Siskiyou Mts 140
4472 <b>Staphylea trifolia</b> 7m	MO:St Louis County 6
4473 <b>Stemmacantha rhapontica</b>	Switzerland:Graubunden Canton 250
4474 <b>Stenanthium occidentale</b>	OR:Cascades 140
4475 <b>Stenotus acaulis</b> v glabratus yellow 6cm	NV:Jarbridge Mtns, Elko County 2591m 152
4476 <b>Streptopus roseus</b> 30cm	MI:Houghton County, Coles Creek 63
4477 <b>Succisa pratensis</b>	Switzerland:Baselland Canton 250
4478 <b>Swertia bimaculata</b> white 45cm	Japan:Kiso Valley,Nagano Pref 1300-1800m 265
4479 <b>Synthyris laciniata</b> blue 6cm	UT:Iron County 150
4480 laciniata blue 8cm	UT:Wasatch Plateau,Sanpete County 3170m 152
4481 pinnatifida v pinnatifida blue 6cm	UT:Cache County 2530m 152
4482 <b>Taenidia integerrima</b>	MO:Montgomery County 6
4483 <b>Talipariti hamabo</b> yellow 100cm	Japan:Hayama,Kanagawa Pref to 170m 265
4484 <b>Tanacetum corymbosum</b>	Switzerland:Baselland Canton 250
4485 <b>Taraxacum albidum</b> white 40cm	Japan:Hayama,Kanagawa Pref to 170m 265
4486 <b>Tellima grandiflora</b> green 80cm	OR:Polk County 160
4487 <b>Tephrosia virginiana</b>	MO:St Louis County 6
4488 <b>Tetraneuris acaulis</b> v acaulis yellow 10cm	UT:Cache County 2987m 152
4489 grandiflora yellow 10cm	Idaho 51
4490 <b>Thalictrum aquilegifolium</b>	Switzerland:Graubunden Canton 250
4491 <b>Thlaspi cepaeifolium</b> ssp rotundifolium	France/Italy:Cottian Alps 2927m 117
4492 cepaeifolium ssp rotundifolium white 10cm	Slovenia:Julian Alps 182
4493 cepaeifolium ssp rotundifolium	Slovenia:Mangart Saddle 88
4494 montanum	OR:Western Cascades 309
4495 <b>Tiarella trifoliata</b> v unifoliata	OR:Cascades 140
4496 <b>Tofieldia glutinosa</b>	OR:Siskiyou Mts 140
4497 <b>Townsendia parryi</b>	MT:Pondera County 326
4498 <b>Trichosanthes cucumeriodes</b> white 3m	Japan:Hayama,Kanagawa Pref 170m 265
4499 <b>Trichostema dichotomum</b> blue 15cm	MA:Berkshire County 112
4500 <b>Tricyrtis hirta</b> purple/violet 90cm	Japan:Hayama,Kanagawa Pref to 170m 265
4501 latifolia yellow 40cm	Japan:Kiso Valley,Nagano Pref 1300-1800m 265
4502 <b>Trientalis europaea</b>	Norway:Valdres 354
4503 <b>Trigonotis peduncularis</b> violet/blue 70cm	Japan:Hayama,Kanagawa Pref to 170m 265
4504 <b>Trillium grandiflorum</b> white 20-45cm	MI:Cheboygan County 278
4505 <b>Triteleia hyacinthina</b> white 45cm	CA:Tuolumne County 975m 36
4506 hyacinthina	OR:Cascades 140
4507 ixioides ssp anilina yellow 15cm	CA:Carson-Iceberg Wilderness 312
4508 laxa pale blue 50cm	CA:Tuolumne County 975m 36
4509 <b>Trollius europaeus</b>	Switzerland:Graubunden Canton 250
4510 laxus	Canada:Eureka Peak,Cariboo,BC 2000m 84
4511 laxus	CO:Park County 3353m 330
4512 <b>Tubocapsicum anomalum</b> white 80cm	Japan:Hayama,Kanagawa Pref to 170m 265
4513 <b>Tulipa altaica</b> yellow 20cm	Kazakstan:Altai Mtns 225
4514 armena K2P0509	Turkey:E of Orence 1850m 93
4515 australis yellow 20cm	France:Queyras 186
4516 biflora white 15cm	Kazakstan:Altai Mtns 225
4517 <b>Uncinia uncinata</b> 30cm	New Zealand:Oban 10m 242
4518 <b>Uvularia grandiflora</b>	PA:Allegheny County 91
4519 <b>Vaccinium</b> sp white 60cm	Malaysia:Crocker Range, Borneo 1600m 265
4520 <b>Veratrum insolitum</b>	OR:Siskiyou Mts 140
4521 viride	OR:Cascades 140
4522 <b>Verbena brasiliensis</b> purple 45cm	TX:East 338
4523 stricta blue 20cm	MO:St Louis County 6
4524 <b>Vernonia arkansana</b> purple 120cm	MO:Franklin County 6

**Wild Collected**

**Wild Collected****Veronica-Zigadenus**

4525	<b>Veronica</b> austriaca ssp teucrium deep blue 30cm	Switzerland:Solothurn Canton 250
4526	<b>Veronicastrum</b> sibiricum ssp japonicum blue 120cm	Japan:Shiga Pref. 1300m 126
4527	<b>Viola</b> glabella yellow 5cm	AK:Heney Mtns, Cordova 339
4528	grypoceras violet 15cm	Japan:Hayama,Kanagawa Pref to 170m 265
4529	mandshurica purple 12cm	Japan:Hayama,Kanagawa Pref to 170m 265
4530	pubescens v pubescens	NY:Five Wells,Freeville 351
4531	<b>Vitaliana</b> primuliflora	Spain:Pyrenees 2100m 117
4532	primuliflora	Spain/France:Pyrenees 2400m 117
4533	<b>Vitex</b> rotundifolia purple 2m	Japan:Hayama,Kanagawa Pref to 170m 265
4534	<b>Wahlenbergia</b> gracilenta blue	Australia:Tasmania 223
4535	tadgellii blue	Australia:Tasmania 223
4536	<b>Wyethia</b> helianthoides white 50cm	MT:Bitterroot Range 151
4537	<b>Xerophyllum</b> tenax	OR:Cascades 140
4538	<b>Yucca</b> glauca reddish pink flr	CO:Douglass County 326
4539	<b>Zehneria</b> japonica white 2m	Japan:Hayama,Kanagawa Pref 170m 265
4540	<b>Zigadenus</b> paniculatus	CO: Pitkin County 3353m 330
4541	paniculatus	OR:Ochoco Mts 140
4542	venenosus white 40cm	MT:Rattlesnake Mtns 151

**Quick Metric to English Conversions:**

cm=centimeter to in. =inches  
m=meter to ft. =feet

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.  
1000 m ~ 3300 ft.  
1500 m ~ 5000 ft.  
2500 m ~ 8200 ft.  
4000 m ~ 13,100 ft.

(Note ~ means approximately equal to)

**Rule of Thumb for converting metric:**

To convert **cm** to **inches**: multiply by 4 and then divide by 10.

To convert **meters** to **feet**: multiply by 3 and then add 10%.

**Abbreviations used:**

(aff) =related to\* but not that species  
(cf) = compare to\* similar to species, may be that species  
(ex) = descended from  
(x) = hybrid  
sp = species not known\*  
(nv) = name not verified in references/not valid\*  
(op) = open pollinated (may differ from parent plant)  
(hp) = hand pollinated (should resemble parent plant)  
(PI) = potentially invasive warning-do not allow to self-sow

\*Please try to identify species before passing on the resulting seeds or plants from these seeds.

-----  
“to” indicates the plant can grow this tall but is sometimes significantly shorter.  
Example: “to 50cm”.