

- 1 **Abies** *amabilis* 30-45m 78
- 2 **Acantholimon** *litvinovii* pale pink flr/blue-green lvs 5-10cm 161
- 3 *venustum* deep pink flr/grey-green lvs 10-15cm 161
- 4 **Acer** *griseum* 6-9m 184
- 5 **Achillea** *aleppica* ssp *zederbaueri* white flr/grey lvs 5-15cm 54
- 6 *fraasii* ssp *troiana* white flr/woolly lvs 25-50cm 100
- 7 *lewisii* (x) 'King Edward' pale yellow flr/woolly lvs 15-25cm 169
- 8 *tomentosa* yellow flr/woolly lvs 15-30cm 88 89
- (Acis < some formerly *Leucojum*)
- 9 **Acis** *autumnalis* white/pinkish base 7-15cm 50 63 126
- 10 **Aconitum** *anthora* yellow 25-100cm 137
- 11 *cammarum* (x) 'Pink Sensation' light pink to 120cm 34
- 12 *carmichaeli* blue-purple 60-150cm 189
- 13 *ferox* blue-purple to 1m 195
- 14 *gigas* pale yellow 50-100cm 3
- 15 *krylovii* cream-yellow 30-130cm 76
- 16 *volubile* blue-purple to 2m 106
- (Actaea < some formerly *Cimicifuga*)
- 17 **Actaea** *asiatica* white 30-80cm 126
- 18 *dahurica* cream to 1m 77
- 19 *pachypoda* white flr/white frt 45-60cm >
- 20 *pachypoda* 'Misty Blue' white flr & frt/blue-green lvs 60-90cm 49
- 21 *racemosa* white 75-250cm 66 91
- 22 *rubra* white flr/red frt 40-80cm 193
- 23 *simplex* *Atropurpurea* Group white-pale pink flr/dark purple lvs 120-180cm 2
- 24 **Adenophora** *hasiana* blue/pale blue to 1m 75
- 25 **Adlumia** *fungosa* pale pink 0.5-4m 6 143
- 26 **Adonis** *amurensis* yellow 5-30cm 162
- 27 *vernalis* yellow 5-40cm 162
- 28 **Aethionema** *grandiflorum* pink flr/blue-grey lvs 15-30cm >
- 29 *iberideum* white 5-10cm 101
- 30 *saxatile* pink-white flr/blue-green lvs 5-25cm 20 147 186
- 31 *subulatum* pink 5-10cm 177
- 32 'Warley Rose' rose-pink to 20cm 55
- 33 **Agapanthus** sp (evergreen) blue 30cm 69
- 34 **Agastache** *cusickii* pink 10-20cm 86
- 35 *foeniculum* lavender-purple 60-120cm 120 112
- 36 *rugosa* 'Honey Bee Blue' blue 60-90cm 112
- (Agave > see also *Manfreda*)
- 37 **Agave** *amourifolia* (x) (*lophantha* x *pseudoferox* x *ovatifolia*) (nv) 100cm 161
- 38 *bracteosa* white-pale yellow 45cm/1.8m scape 161
- 39 *difformis* light green-yellow/pink 45cm/3-5m flr scape 161
- 40 *loferox* (x) 'Stairway to Heaven' yellow 90cm/6m flr scape 161
- 41 *lophantha* 'Band Aid' yellow 40cm/4.5m flr scape 161
- 42 *lophantha* *caerulescens* yellow green flr/blue-green lvs 60cm/3-5m flr scape 161
- 43 *ocahui* v *ocahui* yellow 45cm/3m flr scape 161
- 44 *polianthiflora* red 40cm/1-2m flr scape 188
- 45 **Agonis** *flexuosa* white to 10m 20
- 46 **Albuca** *humilis* white/green stripe to 10cm 32
- 47 *namaquensis* yellow/green 30cm 24
- 48 *shawii* yellow to 30cm 68
- 49 sp dwarf hardy (ex Silverhill ex Drakensberg) white/green 10cm 167
- 50 **Alcea** *hohenackeri* pale yellow 40-200cm 122
- 51 *rosea* 'Light Rose Caplez' 1.5m 82
- 52 sp pink 177
- 53 **Allium** *acuminatum* pink-rose purple 10-35cm 157
- 54 *aflatunense* purplish-pink to 90cm 177
- 55 *akaka* dusky purple-pink 15cm 116
- 56 *altaicum* white tinged yellow 40-100cm 177
- 57 *amplectens* white 15-50cm 23
- 58 *beesianum* true blue 15-50cm 6
- 59 *caesium* deep sky blue 15-65cm 1
- 60 *callimischon* white/purple mid-vein 10-35cm 62
- 61 *carinatum* ssp *pulchellum* pink-purple 30-50cm 118
- 62 *carinatum* ssp *pulchellum* white 30-50cm 157 192
- 63 *carolinianum* pink-purple 20-40cm 131
- 64 *cernuum* pale pink 10-50cm 49
- 65 *cernuum* pink 10-50cm 33 86 138
- 66 **Allium** *cernuum* white 10-50cm 114
- 67 *cernuum* 'Pink Giant' pink-purple 30-45cm 29
- 68 *cernuum* 'White Dwarf' white 15-25cm 118
- 69 *crisophii* purple-violet to 60cm >
- 70 *cupuliferum* red-purple 30-50cm 107
- 71 *cyathophorum* v *farreri* purple 13-15cm 68 157
- 72 *daghestanicum* pink/pale purple 20-30cm 177 154
- 73 *decipiens* ssp *quercetorum* rose 40-80cm 96 157
- 74 *dichlamydeum* deep reddish purple 10-30cm 128
- 75 *douglasii* pink-purple 10-40cm 55 116 146
- 76 *falcifolium* reddish purple 5-25cm 55
- 77 *flavum* pink 6-30cm 55
- 78 *flavum* yellow 6-30cm >
- 79 *flavum* 'Blue Leaf' yellow flr/blue lvs 6-30cm 118
- 80 *flavum* ssp *tauricum* peach/pink/yellow mix 15-30cm 63
- 81 *flavum* ssp *tauricum* white flr 30cm 42
- 82 *flavum* v *minus* yellow flr/blue-grey lvs 10cm 131
- 83 *giganteum* pale lilac/purple 80-150cm 33 177
- 84 *hollandicum* 'Purple Sensation' purple-reddish purple to 90cm 23 63
- 85 *karataviense* mix 25-30cm 28
- 86 *karataviense* pale pink-lilac 25-30cm >
- 87 *karataviense* 'Ivory Queen' cream-white 25-30cm 184
- 88 *karataviense* 'Kurama' red 25-30cm 107
- 89 *komarowii* dark purple 30-50cm 107
- 90 *ledebourianum* (ex *Berkutenko*) light pink 30cm 171
- 91 *litvinovii* dark blue-violet 15-45cm 17
- 92 *lusitanicum* lilac-rose pink 20-45cm 177
- 93 *meteoricum* pale pink 15-20cm 95
- 94 'Millenium' bright rosy purple 30-50cm 81 187
- 95 *moly* yellow 25-40cm 48
- 96 *nemrutdagense* cream 12-20cm 1
- 97 *nutans* pink-pale purple 30-60cm 59
- 98 *nutans* (ex *Berkutenko*) lilac 40cm 171
- 99 *obliquum* pale yellow-greenish 60-100cm 59
- 100 *obliquum* (ex *Ruksans*) bright green 90cm 29
- 101 *oreophilum* 'Samur' purple-red 15cm 186
- 102 *paniculatum* white-lilac to 75cm 59
- 103 *pskemense* white 40-100cm 164
- 104 *schoenoprasum* pale purple-deep lilac 20-50cm 177
- 105 *senescens* ssp *glaucum* pale pink-purple flr/blue-grey lvs 15-30cm 28
- 106 *siculum* reddish/greenish-cream 50-120cm 186 177
- 107 sp (drumstick form ex China) pink 40-50cm 171
- 108 sp (ex Bulgaria) yellow 10cm 36
- 109 sp (ex China) mauve 30-40cm 95
- 110 sp dwarf (very hardy summer blooming) pink 15cm 29
- 111 *sphaerocephalon* rose-wine 45-75cm 74
- 112 *szovitsii* lilac-pink/violet-purple 20-40cm 59
- 113 *togashii* pale pink/white 12-20cm 116 177 186
- 114 *tripedale* pink-white 50-90cm 107
- 115 *tuberosum* (PI) white 30-50cm 149
- 116 *unifolium* bright pink 20-80cm 165 188
- 117 *victoralis* white-greenish 30-70cm 59
- 118 *wallichii* pale red-dark purple 20-50cm 29
- 119 **Aloe** *wickensii* red/yellow 90cm/1.75m scapes 46
- 120 **Aloinopsis/Nananthus** hybrids various colors 3cm 54
- 121 **Alophia** *drummondii* purple 15-45cm 40
- 122 **Alstroemeria** *ligtu* ssp *simsii* red 60-100cm 19
- 123 *psittacina* red/green to 100cm 63
- 124 **Alyogyne** *huegelii* lilac/rose pink/cream/violet to 2.5m 20
- 125 **Alyssoides** *utriculata* yellow 20-50cm >
- (Alyssum > see also *Aurinia*, *Hormatophyllum*)
- 126 **Alyssum** *caespitosum* yellow flr/silver-grey lvs 5-10cm 166
- 127 *handelii* yellow flr/silver-grey lvs 5-10cm 60
- 128 *montanum* 'Luna' yellow 10-15cm 6
- 129 *oxycarpum* yellow flr/silver lvs 10-20cm 55
- 130 *wulfenianum* yellow flr/grey-green lvs 5-20cm 28 89
- 131 **Amethystea** *caerulea* blue 30-100cm 47
- 132 **Amorpha** *canescens* purple flr/grey lvs 30-90cm 161 177
- 133 **Amsonia** *ciliata* v *filifolia* "Georgia Pancake" pale blue 15cm 187
- 134 *hubrichtii* pale blue 60-90cm 176

Amsonia-Armeria

- 135 **Amsonia** illustris light blue 60-120cm 177
136 tabernaemontana light blue 60-90cm 182 192
137 tabernaemontana v salicifolia pale blue 60-90cm 69
138 **Anacampseros** rufescens pink 5-8cm 175
139 **Anchusa** capensis deep blue 30-45cm 15 177
140 leptophylla bright blue 40-70cm 172
(Androsace > see also Douglasia)
141 **Androsace** albana white/pale pink 5-25cm 20
142 amurensis milky white 7-20cm 174
143 carnea white 2-7cm 170
144 cylindrica white 2-5cm 55
145 cylindrica ssp hirtella white 7.5cm 55
146 lactiflora (cf) 60
147 mathildae white 4cm 100
148 obtusifolia white to 10cm 16
149 septentrionalis white 1-15cm 10 93
150 sp (biennial) white 72
151 vandellii white 1-5cm 30
152 **Andryala** agardhii yellow flr/silver woolly lvs 8-15cm 36 41
153 **Anemone** baldensis white 5-15cm 36
154 caroliniana white 5-35cm 23
155 hupehensis v japonica purple/pink/white 30-100cm 150
156 lesseri (x) reddish-pink 20-40cm 155
157 multifida cream-yellow 10-70cm 20
158 multifida red 10-70cm 87
159 multifida white 10-70cm 84
160 multifida (ex W Central Alberta, Canada) white 30cm 170
161 multifida v tetonensis red-purple/white-yellow/blue 10-20cm 55 60
162 narcissiflora white 10-50cm 34 97
163 narcissiflora ssp crinita white/yellowish 10-50cm 79
164 nemorosa 'Allenii' (moist packed) lavender-blue 15-20cm 186
165 nemorosa 'Robinsoniana' (moist packed) pale lavender-blue 15-20cm 186
166 obtusiloba (moist packed) white-blue 5-25cm 119
167 pavonina mix 15-45cm 68
168 polyanthes white/red/mauve 25-60cm 41
169 rupicola white/pink-violet reverse 5-25cm 88 89 101
170 virginiana white/greenish-white 30-80cm 176
171 **Angelica** archangelica yellow-greenish to 2m 57
172 gigas dark purple flr/purplish stems 1-2m 58
173 pachycarpa greenish-cream to 1m 177
(Anomatheca > see Freesia)
174 **Antennaria** alpina whitish 3-18cm 136
175 aromatica white/light brown 2-7cm 11
176 dioica pink flr/grey woolly lvs 3-10cm 33
177 dioica 'Nyewoods Variety' bright pink flr/grey lvs 10cm 89
178 plantaginea white-purplish flr/woolly lvs 10-45cm 177
179 plantaginifolia white-cream flr/grey woolly lvs 6-20cm 139
180 rosea rose-white 4-30cm 114
181 rosea ssp confinis cream yellow-red brown flr/grey woolly lvs 9-25cm 186
182 **Anthericum** liliago white 60-90cm >
183 ramosum white 30-70cm 38
184 **Anthriscus** sylvestris 'Ravenswing' white flr/dark purple-bronze lvs 30-90cm 12 125 174
185 **Anthyllis** barba-jovis cream-pale yellow flr/silver hairy lvs 50-200cm 164
186 coccinea red 15-30cm 172
187 montana pink-dark purple 2-25cm 166
188 montana 'Rubra' red flr/silky grey lvs to 30cm 33 70
189 **Antirrhinum** sempervirens cream/white to 25cm 87
190 sp (dense, heat loving mat) cream-white flr/woolly lvs 15cm 100
191 **Aquilegia** alpina blue 15-80cm 133 181
192 atrata dark red-purple 30-60cm 169
193 barnebyi peach pink-yellow flr/blue-green lvs 30-80cm 177
194 bertolonii blue-violet 20-30cm 11 36
195 buergeriana yellow/brown-purple 30-80cm 14 143 169
196 buergeriana (dwarf form) yellow/brown-purple 15-30cm 11 45 77
197 buergeriana 'Calimero' purple/yellow 15-20cm 6 180
198 canadensis red/yellow 15-90cm 180
199 canadensis (isolated) red 30cm 127
200 **Aquilegia** canadensis 'Corbett' pale yellow 30-45cm 6
201 chrysantha yellow 30-120cm >
202 discolor blue/white 10-20cm >
203 ecalcarata purplish pink to 40cm 11
204 ecalcarata 'Flore-Pleno' double wine-purple to 40cm 96
205 flabellata blue/lilac 20-30cm 16 60
206 flabellata blue/white 20-30cm 27 81 93
207 flabellata white 20-30cm 16 125
208 flabellata Cameo Series pink/blue 15cm 138
209 flabellata v pumila blue/white 15cm >
210 flabellata v pumila blue/white 7.5cm 101
211 flabellata v pumila 'Kurilensis' rose-pink 10cm 100
212 formosa red/yellow 30-100cm 84
213 grahamii red/yellow 20-50cm 57 101
214 grahamii hybrids 20-25cm 55
215 hybrid (filled flowers) dark purple 40cm 60
216 jonesii hybrid blue 5-10cm 16
217 jonesii hybrid blue/white 15cm 29
218 jonesii x saximontana blue/white 10cm 125
219 laramiensis cream/white 5-25cm 28 101 177
220 laramiensis (isolated plant) 43
221 pyrenaica deep blue/lilac 10-30cm 137
222 rockii deep purple 15cm 36
223 saximontana blue/cream 5-25cm >
224 saximontana light blue 15cm 173
225 scopulorum blue/white 5-30cm 138
226 scopulorum pale blue flr/grey lvs 5-30cm 93
227 sp blue/white 15-20cm 28
228 sp double white 50-60cm 35
229 sp double yellow 30
230 viridiflora dark purplish brown/greenish 15-50cm 64 139
231 vulgaris blue 30-90cm 21
232 vulgaris white/short spurs 38-60cm 169
233 vulgaris v stellata 'Black Barlow' dark purple-black to 75cm 66 125
234 vulgaris v stellata 'Nora Barlow' rose pink/cream-pale green 60-90cm 9
(Arabis > see also Boechea)
235 **Arabis** blepharophylla rose-purple 5-20cm 25
236 bryoides white 2-6cm 72
237 collina pink 10-15cm 8
238 **Arctostaphylos** rudis white 1-2m 188
(Arenaria > see also Eremogone, Minuartia)
239 **Arenaria** grandiflora white 5-15cm 27 101
240 kotschyana white 5-20cm 100
241 norvegica white 3-7cm 121
242 **Argemone** albiflora ssp albiflora white 40-100cm 133
243 mexicana bright-pale yellow flr/blue-green lvs to 1m 122
244 ochroleuca lemon yellow flr/blue-green lvs 30-100cm 122
245 **Arisaema** amurense green/carmine w/white stripes to 50cm 77 119
246 consanguineum green/purple-brown 90-180cm 81
247 consanguineum white/dark purple striped 60cm 193
248 dracontium green/purple to 1m 77
249 fargesii red-brown/white striped to 60cm 38
250 flavum yellow 30-75cm 81 190
251 flavum (robust form) yellow 75cm 96
252 flavum ssp abbreviatum (hort) yellow to 70cm 190
253 heterophyllum yellow green-purple tinged to 100cm 77 90 179
254 jacquemontii green/white to 80cm 195
255 limbatum carmine/green-white stripes to 90cm 1
256 quinatum (cf) green stripe/5 leaflets 40cm 69
257 triphyllum all green 60-90cm 43
258 triphyllum green/purple w/white stripes 60-90cm 43 66
259 utile 'Black' 1
260 **Aristea** capitata pink to 1.5m 22
261 **Aristolochia** fimbriata yellow-green/brown flr/silver-veined lvs 15-30cm 175
262 manshuriensis yellow-green 2.4-6m 195
263 **Armeria** caespitosa pink-purple 2-5cm 34
264 'Joystick' rose/pink to 40cm 39
265 juniperifolia pink 5-15cm 181

Garden Collected

- 266 **Armeria** maritima pink-white 2-30cm 74 133
 267 maritima (ex Dolomites) pink 20cm 138
 268 maritima 'Dusseldorfer Stolz' deep pink 10-20cm 156 169
 269 maritima 'Rubrifolia' rose-pink flr/burgundy lvs 15-20cm 74 88
 270 maritima ssp sibirica (ex RMRP) pink 20cm 29
 271 maritima 'Victor Reiter' pink 5-10cm 89
 272 **Arnebia** pulchra yellow 30-40cm 1
 273 **Arnoglossum** (Cacalia) atriplicifolium white 1-3m 102
 274 **Artemisia** indica v momiyamae white 1m 10
 275 porteri pale yellow flr/silver woolly lvs 8-14cm 177
 276 **Arthropodium** candidum 'Purpureum' white flr/purple-bronze lvs 10-30cm 173
 277 **Arum** italicum cream-light green flr/red frt 30-45cm 179
 278 italicum ssp albispalum white to 40cm 128
 279 italicum ssp italicum 'Marmoratum' cream flr/orange-red frt/white vein lvs 30-45cm 53
 280 maculatum greenish w/dark spots spathe/yellow frt 30cm 193
 281 maculatum 'Bakovci' variegated yellow-white lvs 40cm 193
 282 **Aruncus** aethusifolius cream 20-40cm 74 176
 283 dioicus 'Zweiweltenkind' cream white to 75cm 177
 (Asarina > see also Maurandya)
 284 **Asarina** procumbens cream/yellow 5-7cm 48 144
 285 **Asarum** canadense (moist packed) pale green/purple 6-20cm 186
 286 europaeum (moist packed) purple-brown 10-15cm 186
 287 hartwegii (moist packed) reddish-brown 9-21cm 186
 288 **Asclepias** incarnata pink-mauve 1-1.5m >
 289 incarnata white to 1.5m 21
 290 purpurascens deep rose-purple to 1m 115 167
 291 tuberosa orange 30-100cm 74 80 187
 292 **Asimina** triloba maroon flr/large green frt to 11m 156
 293 **Asphodeline** damascena white flr/blue-green lvs 45-170cm 146
 294 liburnica yellow 60-100cm 157
 295 lutea yellow 90-120cm 107 177
 296 taurica (ex Bolkar Dag, Turkey) white flr/grey lvs 30-40cm 199
 297 **Asphodelus** aestivus white 50-150m 19
 298 albus white/pink-veined 50-120cm 38
 299 ramosus white/brown mid-veins 100-200cm 65
 (Aster > see also Dieteria, Eurybia, Symphyotrichum, Xanthisma)
 300 **Aster** alpinus mix 15-30cm 25 150
 301 alpinus (ex Kazakhstan) 177
 302 alpinus 'Dunkel Schone' ('Dark Beauty') dark purple-blue 25-30cm 29
 303 alpinus 'Pinkie' deep pink 20-30cm 100
 304 diplostehioides mauve-purple/lilac-blue 13-57cm 19
 305 frikartii (x) violet-blue 30-90cm 177
 306 himalaicus blue-purple 8-25cm 177
 307 likiangensis bluish-lavender purple 3-20cm 44 94
 308 stracheyi violet-pale lilac 3-15cm 194
 309 **Astilbe** biternata white 90-180cm 130
 310 **Astragalus** utahensis bright pink-purple flr/woolly lvs 5-10cm 54
 311 **Astrantia** 'Star of Billion' white/green tips 55-65cm 34
 312 bavarica greenish-white to 30cm 34
 313 major red 60cm 20
 314 major white 60-80cm 106
 315 maxima pink 40-60cm 49
 316 **Asyneuma** campanuloides dark bluish-violet 30-50cm 60
 317 **Athyrium** nipponicum v pictum grey-green/reddish midrib lvs 30-75cm 189
 318 **Aubrieta** canescens (ex Sultan Dag, Turkey) pink 5-10cm 199
 319 parviflora white 5-10cm 55
 (Aurinia < formerly Alyssum)
 320 **Aurinia** saxatilis golden yellow 10-30cm 15 70 169
 321 **Babiana** ringens mix 25cm 188
 322 **Ballota** acetabulosa pink flr/woolly grey lvs to 50cm 164
 323 hispanica rosy-purple 40-80cm 164
 324 **Baptisia** australis blue-violet flr/blue-black frt to 1.5m >
 325 perfoliata yellow flr/blue-grey lvs 60-90cm 187
 326 **Barnardia** (**Scilla**) japonica rose purple/pink 7-20cm 69
 (Beckwithia < formerly Ranunculus)
 327 **Beckwithia** glacialis white turns reddish 5-20cm 94
 328 **Beesia** calthifolia white 14-58cm 75
 329 **Beesia** deltophylla white 14-34cm 6
 330 **Begonia** boliviensis bright orange/red 30-45cm 63
 331 grandis ssp sinensis pink 20-40cm 38
 (Belamcanda > see Iris domestica)
 332 **Bellevalia** dubia blue violet-brownish 30-40cm 119
 333 paradoxa blackish-blue 12-20cm 29
 334 romana creamy white to 30cm 24 32
 335 **Berberis** nevinii yellow flr/red frt 1-4m 188
 336 **Berchemia** scandens greenish-white flr/blue frt 6-18m 135
 337 **Bergenia** crassifolia purple 15-30cm 15
 338 **Berkheya** purpurea pale-deep mauve to 1m 167
 339 **Berlandiera** lyrata yellow/red-maroon center 10-60cm 168
 340 **Berneuxia** thibetica white/rose 10-25cm 1
 (Besseyia > See Veronica)
 341 **Beta** trigyna greenish-white to 100cm 177
 342 **Betula** lenta to 20m 120
 343 michauxii (ex Quebec, N shore St Lawrence River) 152
 344 utilis v jacquemontii to 20m 2
 345 **Billardiera** longiflora greenish-yellow flr/purple frt 2-3m 43
 346 **Bletilla** striata mix pink/white 18-60cm 81
 347 striata pink/white/blue/violet 18-60cm 115
 348 **Boechea** (**Arabis**) sp (ex Horseshoe Mtn, Mosquito Range, CO) 177
 349 **Boehmeria** platanifolia white 90-150cm 196
 350 sieboldiana tan to 180cm 196
 351 spicata 50-100cm 196
 352 tricuspid red 50-150cm 147 196
 (Boykinia > see Telesonix)
 353 **Brimeura** amethystina deep-pale blue 10-15cm 119
 354 amethystina sky blue 20cm 157
 355 amethystina white 10-15cm 119
 (Brodiaea > see also Tritoleia)
 356 **Brodiaea** californica white-pale lilac 20-70cm 18
 357 coronaria (ex NNS 02-68) 126
 358 elegans bluish purple-violet 10-50cm 114
 359 **Browallia** americana blue-violet/white center to 60cm 189
 360 **Bukiniczia** cabulica pink flr/white veined lvs to 30cm 87 177
 361 **Bulbinella** hookeri yellow 40-90cm 105
 362 **Bupleurum** longifolium green-gold 50-90cm 157
 (Cacalia > see Arnoglossum)
 (Calandrinia > see also Montiopsis)
 363 **Calandrinia** acaulis white/deep pink 2-5cm 55 100
 364 affinis white/pink 5-10cm 55
 365 caespitosa (aff) (G&K 4698) orange 15cm 55
 366 **Calceolaria** biflora yellow 10-45cm 48 68
 367 chelidonioides yellow 30-50cm 49
 368 filicalis yellow 15-25cm 173
 369 'John Innes' yellow/purple spots 10-20cm 20
 370 **Calliandra** californica red 60-180cm 46
 371 eriophylla pink to 60cm 46
 372 **Callianthemum** anemonoides white/pale pink 10-20cm 184
 373 coriandrifolium (moist packed) white 10-25cm 131
 374 **Callicarpa** americana purple-violet frt 1-2m 133
 375 dichotoma pink-white flr/purple frt 1-2m 174 189
 376 japonica pink-white flr/violet-purple frt 1.2-1.8m 116
 377 **Callirhoe** bushii magenta-pale red 48-140cm 80
 378 involucrata magenta 15-30cm 88 89 156
 379 **Callistemon** sp 'Red Hybrid' red 20
 380 **Callitris** rhomboidea to 15m 20
 381 **Calochortus** albus deep rose 20-80cm 20 163
 382 amabilis yellow 10-50cm 18 141
 383 argillosus white/purple 40-60cm 141
 384 catalinae white-lilac 20-60cm 26
 385 concolor yellow 30-60cm 31
 386 luteus deep yellow/red-brown 20-50cm 46
 387 splendens lavender-purple 20-60cm 141
 388 superbus whitish-lavender/purple 40-60cm 145
 389 uniflorus white-pink 5-10cm 26
 390 weedii orange-yellow 30-90cm 31
 391 **Calopogon** tuberosus pink-magenta 10-60cm 81
 392 **Calycanthus** (Sinocalycanthus) chinensis white 1-3m 90

Calylophus-Codonopsis

(Calylophus < some formerly Oenothera)

- 393 **Calylophus** lavandulifolia (ex Fruitland, UT) yellow 10-20cm 54
394 serrulatus yellow 15-45cm 139
395 **Camassia** leichtlinii blue-violet 20-130cm 31
396 leichtlinii blue-violet/cream 20-130cm 63
397 leichtlinii ssp leichtlinii creamy white 20-130cm >
398 leichtlinii ssp suksdorfii blue-violet 20-130cm 118
(Campanula < some formerly Symphyandra, Trachelium)
399 **Campanula** americana light blue-violet 60-180cm 124
400 armena light blue to 40cm 177
401 aucheri violet-blue 5-15cm 54
402 barbata pale-deep blue 10-30cm 62
403 bayerniana blue 5-15cm 105
404 betulifolia white/pink bud 10-20cm 54
405 'Blue Orb' blue 15-20cm 169
406 calaminthifolia blue-white flr/grey-green lvs 5-10cm 54
407 carpatha rich-violet blue flr/dark grey-green lvs to 20cm 54
408 carpatica blue/white mix 15-30cm 39
409 carpatica 'Blue Clips' blue-purple 20cm 192
410 carpatica 'Rapido Blue' violet-blue 15-20cm 169
411 cervicaria pale blue 30-100cm 36
412 choruhensis white/flushed pink 10-15cm 54
413 coriacea lilac 5-15cm 54
414 fragilis ssp cavolinii blue 7-15cm 54
415 glomerata 'Acaulis' violet 15-20cm 172
416 hofmannii creamy white 30-60cm 49 75 97
417 incurva pale blue-lilac to 30cm >
418 incurva white to 30cm 166
419 lactiflora blue to 120cm 185
420 latifolia purplish blue 60-120cm 33 34 185
421 latiloba mix blue/white to 80cm 69
422 medium mauve 60-80cm 21
423 nitida blue 10-25cm 36
424 pelia pale violet-blue to 15cm 54 68
425 persicifolia violet-blue 30-90cm 104
426 'Pink Octopus' pink 30-45cm 169
427 punctata v punctata pink-purple/white 20-100cm 120
428 'Ringsabell Indigo Blue' bluish-purple 15-40cm 169
429 'Ringsabell Mulberry Rose' rose pink 15-40cm 169
430 rotundifolia pale-mid violet-blue 10-50cm 48
431 rumeliana lilac-blue to 30cm 111 199
432 sarmatica lilac-blue flr/grey woolly lvs to 50cm 137
433 sartorii white 5-10cm 6
434 scheuchzeri pale-deep blue-purple 10-25cm 16
435 thyrsoides pale yellow-cream 20-40cm 173
436 thyrsoides ssp carnolica white 40-100cm 87
437 troegerae (ex Turkey) white flr/grey hairy lvs 10-15cm 199
438 troegerae x choruhensis white flr/pink buds 10-15cm 100
439 versicolor lilac/purple 20-40cm 173
440 waldsteiniana blue-violet 10-15cm 1
441 wanneri violet 30cm 54 155
442 zangezura lavender-violet to 30cm 105
443 **Capnoides (Corydalis)** sempervirens pink/yellow tip 5-80cm 72
444 **Cardiocrinum** cordatum v glehnii (hort) greenish-white 1.5-2m 195
445 giganteum white/streaked purple 1-3m 81 190
446 giganteum v yunnanense white/purple-red streak 1-3m 53
447 **Carex** appalachica 20-60cm 6
448 eburnea 7-30cm 6
449 grayi spiked club-shaped seed head 40-90cm 57 102
450 muskingumensis 40-100cm 74
451 **Carlina** acaulis ssp caulescens silvery white 15-50cm 117
452 **Carpenteria** californica white 1-3m 20
453 **Castilleja** integra orange-red to 40cm 52
454 **Catananche** caerulea lavender-blue 20-60cm 83
455 caespitosa yellow flr/silver-grey lvs 5-10cm 177
(Centaurea > see Psephellus)
456 **Centaurium** scilloides bright pink 7.5cm 68
457 **Centranthus** ruber 'Albus' white 45-90cm 74
458 **Cephalanthus** occidentalis white-pale yellow 1-3m 189
459 **Cephalaria** gigantea pale yellow 120-180cm 158

Garden Collected

- 460 **Cerastium** alpinum v lanatum white flr/woolly lvs 6-10cm 121
461 **Cercis** chinensis pink 2-5m 176
462 racemosa rose pink 6-15m 65
463 **Chaenorhinum** glareosum violet-lilac to 30cm 54
464 organifolium purple-violet 15-25cm 118
465 **Chaiturus** marrubiastrum pinkish white 30-60cm 47
466 **Chamaebatiaria** millefolium white 60-200cm 177
467 **Chamaecrista** (Cassia) fasciculata yellow 15-90cm 167 172
468 **Chasmatophyllum** musculinum yellow-orange 7-15cm 54
469 **Chelone** obliqua rose-pink 60-90cm 182
470 **Chiastophyllum** oppositifolium yellow 15cm 105
471 oppositifolium 'Jim's Pride' yellow flr/cream edged lvs 10-15cm 96
472 **Chlorogalum** pomeridianum white/purple vein 60-250cm 61
473 **Chrysanthemum** makinoi v wakasaense white 40-80cm 10
(Chrysopsis > see Heterotheca)
(Cimicifuga > see Actaea)
474 **Cistus** sintenisii white to 25cm 51
475 **Clarkia** pulchella fuchsia 10-50cm 86
476 **Clematis** addisonii reddish-purple/cream tips 60-100cm 70
477 campaniflora white/tinged violet 3-6m 57 120
478 carrizoensis cream/lilac tinged to 3m 43
479 chiisanensis (ex Ulleungdo, S. Korea) 195
480 cirrhosa v balearica cream white/maroon speckles 4-7m 120
481 columbiana v tenuiloba violet-blue 15cm 131 183
482 crispa light violet-blue to 3m 155
483 fremontii pale blue-violet/purple 15-45cm 19 73
484 fremontii (moist packed) pale blue-violet/purple 15-45cm 58
485 fruticosa yellow to 1m 177
486 fusca purple-brown 35-200cm 195
487 heracleifolia deep blue/purple 60-90cm 177
488 hirsutissima dark violet-blue 15-65cm >
489 hirsutissima dusky red 15-65cm 157
490 hirsutissima pink 15-65cm 131
491 integrifolia blue to 1m 131
492 integrifolia white to 1m 103
493 integrifolia Lake Baikal Form lavender-blue 15-45cm 177 186
494 integrifolia 'Rosea' pink to 1m 162
495 mandshurica white 90-150cm 177
496 morefieldii (ex Madison Co, AL) pink to 5m 161
497 occidentalis lavender 3m 80
498 ochroleuca creamy yellow/greenish to 60cm 55
499 pitcheri 'Pottawatomie' purple 3.6m 6
500 recta white 60-150cm 23 83
501 recta 'Purpurea' white flr/purple new lvs to 1.5m >
502 rehderiana pale yellow to 7.7m 62 120
503 'Rooguchi' indigo-violet/plum purple to 2.4m 2
504 scottii dark violet-blue 15-65cm >
505 serratifolia yellow 4-5m 192
506 sp hybrid lavender 149
507 stans pale purple-blue/white 50-100cm 196
508 texensis rose-red/scarlet to 3m 85
509 tibetana yellow/brown-purple 3-4m 44
510 viorna pink/cream to 4m 143
511 viorna red/cream to 4m 93
512 viorna reddish purple/cream-yellow tip to 4m >
513 viticella blue-violet/rose-violet 2-4m 69
514 viticella hybrid 68
(Cleome > see also Polanisia)
515 **Cleome** hirta purplish-pink to 1.6m 167
516 houtteana lavender to 150cm 90
517 houtteana pink to 150cm 90
518 houtteana white to 150cm 90
519 **Clethra** alnifolia 'Ruby Spice' rose-pink 120-180cm 189
520 **Clianthus** puniceus red/pink 0.8-3m 20
521 **Clintonia** borealis yellow-green flr/deep blue frt 20-50cm 186
522 **Clitoria** ternatea vivid deep blue to 3m 172
523 **Codonopsis** bomiensis pale yellow-green/purple veins to 2m 50
524 clematidea pale blue/dark veins/purple spots inside 50-100cm 62 177
525 convolvulacea ssp grey-wilsonii pale blue/dark purple circle base
1-3m 1

Codonopsis-Dianthus

- 526 **Codonopsis** forrestii pale blue/blue-purple 1-3m 20
527 kawakamii greenish yellow/pale blue to 1.5m 185
528 lanceolata greenish-cream/purple inside to 1.5m >
529 meleagris yellow-pale purple/red-purple veins 20-90cm 105
530 ovata pale blue/purple veined 30-40cm 173
531 **Colchicum** kesselringii white/purple stripe 7-10cm 1
532 lusitanicum pink-lilac to 35cm 20
533 macrophyllum rosy-purple tessellated 20-40cm 20 22
534 soboliferum pink 5-15cm 186
535 sp mixed (autumn-blooming) lilac/pink/white 15-30cm 186
536 speciosum purplish-rose 8-25cm 193
537 speciosum 'Album' white to 25cm 107
538 **Collinsonia** canadensis yellow 60-120cm 161
539 japonica 'Snow White' white to 90cm 161
540 **Colutea** orientalis yellow-copper red flr/grey lvs to 2m 164
541 **Coluteocarpus** vesicaria white 4-18cm 177
542 **Comanthosphace** (Leucoseptrum) japonica yellow 60-100cm 47
543 **Commelina** erecta v erecta (ex Prince William Co, VA) blue 100cm 176
544 **Conoclinium** (Eupatorium) coelestinum blue-violet to 1m 80
545 **Consolida** ajacis blue-purple 30-80cm 149
546 regalis dark blue-purple 20-60cm 172
547 **Convolvulus** boissieri white-pink 2-10cm 54 101
548 cantabricus pale pink 20-50cm 55
549 compactus white-rose flr/silver hirsute lvs to 8cm 1 54
550 **Coreopsis** gladiata 'Newport' yellow to 90cm 161
551 palmata yellow 30-80cm 139
552 tripteris yellow 90-180cm 57
553 **Cornus** florida 'Cherokee Chief' (moist packed) deep rose red to 9m 189
554 mas yellow flr/red frt to 5m 185
555 **Corydalis** aurea yellow 20-35cm 131
556 erdelii pale pink-reddish purple 5-12cm 107
557 nobilis cream-yellow/dark tip 30-50cm 41
558 ophiocarpa pale yellow-dark tips flr/blue-grey lvs 30-50cm 14
559 sp CC 3862 yellow 30-50cm 10
560 **Corylopsis** gotoana yellow to 5m 174
561 **Coryphantha** sulcata yellow/red 4-12cm 180
562 **Cotinus** coggygria 'Velvet Cloak' purple-pink flr/purple lvs to 4.5m 189
563 **Cotoneaster** melanocarpus whitish-pink flr/purple-black frt/felted lvs 1-2m 164
564 **Crambe** maritima white flr/blue-green lvs to 75cm 106
565 **Cremanthodium** arnicoides yellow 10-45cm 34
566 **Crepis** aurea yellow-red orange 5-20cm 1
567 pygmaea yellow to 15cm 1
568 pyrenaica yellow 20-70cm 67
569 **Crocasmia** hybrid red to 1m 63
570 'Vulcan' scarlet red 45-60cm 39
571 **Crocus** hadriaticus 'Purple Heart' white/deep purple throat 10cm 107
572 kotschyanus ssp kotschyanus pale-bluish lilac 10-18cm 118
573 pulchellus pale to mid-lilac/darker veins 12-20cm 184
574 pulchellus 'Zephyr' greyish lilac 10cm 107
575 thomasii pale lilac 11cm 107
576 turcicus lilac 10cm 107
577 **Cunila** organoides purple-lavender 20-40cm 177
578 **Cyananthus** lobatus pale blue-blue purple 10-50cm 1
579 **Cyclamen** africanum rose pink 11-12cm 70
580 coum mix 10cm 32 126
581 coum Christmas Tree Group 43
582 drydeniae (x) pink/magenta 9-15cm 126
583 graecum dark pink 10-15cm 146
584 graecum pink 6-16cm >
585 graecum pink/white mix 6-16cm 63
586 hederifolium mix 8-20cm 43 126
587 hederifolium white 8-20cm 50 126
588 hederifolium (silver arrow lvs) pink 15cm 179
589 hederifolium 'Artemis' white flr/double grey shield lvs 8-20cm 119
590 hederifolium Silver Leaf Group mix 8-20cm 34
591 hederifolium Silver Leaf Group pink 8-20cm 179
592 hederifolium 'Tilebarn Helena' white flr/silver arrow-shaped lvs 15cm 179
593 mirabile pale-deep pink 5-13cm 70
594 **Cyclamen** persicum mix 13-32cm 20
595 purpurascens rose-pink/purple 4-18cm 30
(Cypella > see also Hesperoxiphion)
596 **Cypella** coelestis blue-lavender 60-90cm 115
597 herbertii yellow 40cm 161
598 **Cypripedium** kentuckiense ivory-pale yellow/dark red-brown mottled sepal 35-97cm 180
599 **Daboecia** cantabrica 'Arielle' magenta to 30cm 63
600 **Dactylicapnos** (**Dicentra**) macrocapnos yellow 2-8m 38
601 **Dactylorhiza** fuchsii pale-deep pink w/deep purple spots 18-45cm 83
602 **Dalea** foliosa purple 20-80cm 167
603 purpurea rose-purple 20-90cm 4 101 172
604 **Daphne** acutiloba white 50-200cm 55
605 alpina white 40-60cm 41 50
606 alpina (ex Rezia Alpine Botanical Garden) 51
607 cneorum pink 15-20cm 72
608 genkwa (Chinese form) 51
609 longilobata white to 1.5m 55
610 mezereum pink-light purple 50-150cm 2
611 mezereum 'Bowles' Variety' white 60-120cm 97
612 oleoides (ex Mt Vermion, Greece) white 30-60cm 51 55
613 pontica ssp haematocarpa yellow-green flr/red frt to 1m 51 55
614 reichsteini (x) white-pale pink 50cm 55
615 **Daubinya** stylosa greenish yellow to 5cm 46
616 **Degenia** velebatica yellow flr/silver-grey lvs 5-10cm 27 72
617 **Deinanthe** caerulea blue 30-50cm 156
618 **Delosperma** nakurense white/pink 10-60cm 70
619 napiforme white 7cm 70
620 sutherlandii rose-purple 5-10cm 54
(Delphinium > see also Consolida)
621 **Delphinium** carolinianum 'Bastrop' pure blue 60cm 161
622 confusum (aff) (ex Kyrgyzstan) light blue 30cm 36
623 elatum blue/purple 40-200cm 15
624 exaltatum pale lavender/purple 70-200cm 45 58
625 grandiflorum blue 30-65cm 15 16 129
626 likiangense blue 10-50cm 173
627 pavonaceum white-cream/bluish 30-90cm 43
628 pylzowii blue-purple/bluish-grey 20-55cm 177 192
629 pylzowii cobalt blue 20-40cm 64
630 requienii blue-grey to 100cm 70
631 sp (ex Iran) dirty pink 25cm 60
632 speciosum dark blue 10-60cm 60 173
633 **Deschampsia** cespitosa 20-100cm 57
634 **Desmodium** canadense purple-pink 90-180cm 57
635 **Dianthus** Allwoodii Alpinus Group light pink/dark maroon center 15-20cm 169
636 armeria pink to 40cm 169
637 arpadianus pink 5cm 55
638 arpadianus v pumilus pink 5-10cm 55
639 barbatus mix 30-60cm 15 55
640 callizonus pink-carmine 5-10cm >
641 campestris pink 20-40cm 117
642 carthusianorum pink-purple to 60cm 2 169
643 chinensis lavender blue 30-50cm 87
644 chinensis magenta/pink/white 30-50cm 104
645 chinensis 'Siberian Blue' lavender-blue/reddish-violet to 30cm 69 169
646 cruentus red-purple to 60cm 87
647 deltoides bright pink 15-25cm 33
648 deltoides red 15-25cm 2
649 deltoides white/red eye 15-25cm 33
650 deltoides 'Arctic Fire' white/red-pink eye 15-20cm 169
651 deltoides 'Brilliant' crimson/scarlet red 15-20cm 169
652 deltoides 'Zing Rose' rose-red 10-20cm 169
653 freynii white flr/grey-green lvs 5-10cm 172
654 giganteus purple-pink to 1m 87 177
655 gratianopolitanus deep rose-pink flr/blue-green lvs 6-25cm 72 121
656 haematocalyx pink purple 10-25cm 100
657 haematocalyx ssp pindicola pinkish-purple 1-6cm 72
658 'Ipswich Pink' mixed pink shade flr/bluish-green lvs to 35cm 181
659 knappii soft yellow to 40cm 177

Garden Collected

Dianthus-Eremurus

- 660 **Dianthus** 'Little Jock' pink/red 10-15cm 169
661 longicalyx red/pink 30cm 194
662 microlepis v degenii pink 3-8cm 27
663 myrtinervius bright pink 10-20cm 20 125
664 nitidus deep pink 7-15cm 28 177
665 pavonius pink-purple 2-25cm 87 100 121
666 petraeus white 5-15cm 87
667 petraeus ssp noeanus white 10-15cm 68
668 plumarius pink/red 30-40cm 15
669 rupicola ssp rupicola pink 30-60cm 164
670 scardicus red 10cm 114
671 simulans rose-pink 2-5cm 20
672 sp pink 30cm 57
673 squarrosus white flr/grey-green lvs to 10cm 28
674 subacaulis pale-carmine pink 3-20cm >
675 superbus pink 25-45cm 97 157
676 superbus pure white 25-60cm 125
677 webbianus red/pink 4cm 194
(Dicentra > see also Dactylocapnos)
678 **Dicentra** cucullaria (moist packed) white/yellow 8-30cm 95
679 eximia (moist packed) rose-pink 30-45cm 11
680 formosa rose-purple/pink 25-40cm 43
681 formosa ssp oregona cream/pale yellow 25-40cm 43
682 gothoburgensis (x) (nv) pink/cream 23cm 55
683 **Dichelostemma** ida-maia red/green 30-90cm 43
684 **Dierama** pauciflorum bright pink-reddish 30-60cm 62
685 reynoldsii deep magenta-purple flr/silver bract 1-2m 31
686 **Dieteria (Aster)** canescens v glabra blue-purple to 100cm 72
687 **Dietes** grandiflora white/violet to 1.5m 20
688 **Digitalis** ciliata pale yellow 30-60cm 60
689 ferruginea pale yellow-golden brown/rusty 90-150cm 53
690 grandiflora pale yellow 70-120cm >
691 lamarckii cream-white/purplish-brown veins 25-80cm 64
692 lutea pale yellow 60-90cm >
693 mariana rose-purple flr/grey felted lvs 40-140cm 177
694 obscura rusty dark orange/green-yellow 30-60cm 101 177
695 parviflora reddish brown 30-60cm 63
696 parviflora 'Milk Chocolate' reddish-brown 60-90cm 50
697 purpurea purple-pink 1-2m 53
698 purpurea white 1-2m 36
699 thapsi pink flr/woolly lvs 30-60cm 177
700 thapsi 'Spanish Peaks' rose-pink 45-60cm 130
701 trojana whitish/reddish-brown veins 30-80cm 96
702 viridiflora yellow-green 60-90cm 45 125
703 **Dimorphotheca** cuneata white to 100cm 164
704 pluvialis whitish/bluish-purplish reverse 5-20cm 188
705 **Diphylleia** cymosa white flr/blue frt to 120cm 126
706 **Diplarrena** moraea white 50-100cm 126
707 **Diplazium** (Athyrium) pycnocarpon 30-75cm 124
708 **Dodecatheon** dentatum white 15-40cm 157
709 jeffreyi magenta-lavender/cream 10-60cm 130
710 jeffreyi (ex NNS 06-195) 126
711 meadia mix 10-50cm 182
712 meadia pink 10-50cm 130 192
713 meadia white 10-50cm >
714 pulchellum magenta-lavender 10-45cm >
715 **Doronicum** pardalianches yellow to 90cm 97
716 **Douglasia** (Androsace) montana rose pink 2-5cm 55
717 **Draba** aizoides yellow 5-10cm >
718 arabisans white 7-30cm 156
719 borealis white 10-36cm 177
720 bruniifolia yellow 1-8cm 121
721 bruniifolia (ex Ala Dag, Turkey) yellow 3-5cm 199
722 bryoides yellow 3-5cm 60 72
723 cappadocica yellow 5-10cm 101
724 cappadocica x rosularis yellow 10cm 93
725 cuspidata yellow 5-10cm 41
726 dedeana white 5-8cm 101
727 hispanica yellow 2-10cm >
728 hispanica (aff) yellow 2.5cm 89
729 **Draba** incerta yellow flr/hairy lvs 4-14cm 27 186
730 lasiocarpa yellow 5-20cm 34 162
731 longisiliqua yellow flr/grey lvs 5-8cm 1
732 novolympica bright yellow to 4cm 186
733 oligosperma yellow/cream white 2-10cm 72 101
734 paysonii pale yellow 3cm 27 72 74
735 polytricha bright yellow 1-5cm 55 101
736 rosularis yellow flr/grey-green lvs to 10cm 1
737 smithii (aff) white flr/twisted seed capsule 2.5-5cm 180
738 sp yellow 3cm 81
739 streptocarpa yellow 4-25cm 177
740 subcapitata white-cream 1-5cm 170
741 **Dracocephalum** argunense blue 15cm 6
742 moldavica bluish purple 22-40cm 15
743 renati creamy white 20-25cm 177
744 ruyschiana blue-purple 15-25cm 89
745 tanguticum deep blue-purple 30-40cm 100
746 **Dryas** drummondii yellow 2-23cm 86 173
747 octopetala white/cream 3-12cm 170
748 suendermannii (x) cream 10cm 83
749 **Drymocallis (Potentilla)** arguta creamy white-yellowish 30-100cm 139
750 glandulosa yellow/cream-white 20-60cm 55
751 rupestris white 18-45cm 9 121
752 rupestris 'Nana' white 7-12cm 107
753 **Dudleya** pulverulenta red 30-100cm 146
754 **Dyosma** (Podophyllum) aurantiocaulis white-cream/rose-pink to 90cm 1
755 pleiantha purplish red 20-60cm 73
756 **Echeandia** chandleri 'Sierra Chiquita' golden yellow to 120cm 161
757 texensis yellow 55-105cm 175
758 texensis 'Loma del Potrero Cerdado' yellow to 150cm 161
759 **Echinacea** laevigata pink-purple 35-110cm 160
760 pallida pink-purple to 1.4m 140
761 purpurea 'Cheyenne Spirit' yellow/red/orange shades 40-75cm 67
762 **Echinocereus** reichenbachii (giant form) 177
763 reichenbachii ssp baileyi pink-magenta 7.5-30cm 72
764 triglochidiatus orange-red 5-70cm 72
765 triglochidiatus x fendleri 177
766 triglochidiatus x reichenbachii ssp baileyi very pink 15cm 72
767 **Echinops** ritro steel blue 90-120cm 112 132
768 sphaerocephalus white-pale blue 100-200cm 177
769 sphaerocephalus 'Arctic Glow' white flr/red stems 80-120cm 120
770 **Echium** albicans salmon 15cm 166
771 vulgare blue-purple 30-90cm 177
772 **Edraianthus** graminifolius blue-violet 5-10cm 80
773 horvatii blue-violet to 10cm 194
774 pumilio violet-blue flr/silver lvs 1-3cm 100
775 sp 60
776 tenuifolius blue-violet 5-20cm 27 111
777 **Elmera** racemosa white/cream 10-35cm 1 36
778 **Elymus** hystrix 60-120cm 151 154
(Epilobium < some formerly Zauschneria)
779 **Epilobium** canum reddish to 60cm 178
780 canum (tall form) scarlet to 1m 63
781 canum ssp canum red-orange 30-60cm 108 184
782 canum ssp latifolium red-orange 10-50cm 108 177
783 **Epipactis** gigantea greenish-rose/red-brown 30-100cm 157
784 **Eragrostis** spectabilis reddish-purple 30-70cm 5
785 **Eranthis** cilicica (moist packed) yellow 5-10cm 157
786 hyemalis yellow to 15cm 47 83 184
787 hyemalis (moist packed) yellow 5-15cm 95 186
788 hyemalis 'Grunling' yellow/green stripes to 15cm 184
789 hyemalis 'Orange Glow' orange-deep yellow 5-15cm 119 184
790 pinnatifida (moist-packed) white petal/blue-purple anther 5-15cm 186
791 **Eremogone (Arenaria)** hookeri v hookeri white 1-15cm 166
792 kingii white/rarely pink 3-20cm 54
793 **Eremurus** luteus (ex Iran) 60
794 robustus pale pink-white 2.5-3m 107 177
795 stenophyllus yellow 30-150cm 177

Garden Collected

- 796 **Erigeron** arenarioides blue 6-25cm 101
797 aureus yellow flr/woolly grey lvs 1-15cm 33 174
798 caespitosus white 5-25cm 170
799 compositus mix 5-15cm 72 177
800 compositus white 5-15cm 27 108
801 compositus 'Red Desert' white 5-10cm 27 154
802 glaucus 'Olga' lavender to 30cm 177
803 leiomerus blue 4-12cm 89
804 leiomerus pink 4-12cm 16
805 linearis yellow flr/greenish-white lvs 5-15cm 72
806 ochroleucus white-pinkish 8-18cm 101
807 pinnatisectus light blue-purplish 4-11cm 63
808 pinnatisectus mauve 4-11cm 33
809 sp yellow flr/white pubescent lvs 20cm 143
810 tweedyi (cf) 177
811 uncialis white-pink flr/hairy lvs 1-7cm 101
812 ursinus pink-bluish purple 5-25cm 177
813 **Erinus** alpinus mix 10-15cm 105
814 alpinus rose-pink 10-15cm 55
815 alpinus violet 10-15cm 36
816 alpinus white 10-15cm 55 63
817 **Eriogonum** allenii yellow 30-50cm 177
818 jamesii v jamesii white-cream flr/white-grey woolly lvs 5-25cm 177
819 nudum white/yellow-pale pink/rose 10-150cm 177
820 pulchrum white-rose/greyish lvs 8-15cm 177
821 umbellatum 'Shasta Sulfur' lemon yellow to 30cm 177
822 umbellatum v aureum 'Kannah Creek' yellow turns orange/purple-
823 umbellatum v porteri bright yellow 2-6cm 72
red winter lvs 30-40cm 177
824 umbellatum v subaridum bright yellow 10-30cm 54
825 **Eriophyllum** lanatum yellow flr/woolly grey lvs 30-60cm 101
826 **Erodium** chrysanthum creamy yellow flr/silver-grey lvs 15-20cm 177
827 daucoides pink flr/hairy lvs 4-13cm 117
828 lindavicum (x) mix pink/white flr to 45cm 71
829 **Eryngium** alpinum blue 30-70cm 34
830 bourgatii silver-blue 15-45cm 120
831 bourgatii 'Oxford Blue' deep blue/silvery blue bracts to 40cm 82
832 giganteum bluish-silver to 120cm 48 120 177
833 pandanifolium pale green-pinkish purple flr/grey-green lvs
90-180cm 161
834 paniculatum greenish white to 240cm 115
835 planum silvery blue to 60cm 115
836 yuccifolium 'Kershaw Blue' tan flr/powder-blue lvs 60-150cm 161
(Erysimum < some formerly Cheiranthus)
837 **Erysimum** alpinum (hort) yellow 25cm 15
838 arenicola yellow 4-30cm 172
839 cheiri (x) yellow 15-60cm 15
840 marshallii (x) orange to 50cm 15
841 **Erythronium** californicum 'White Beauty' white 10-30cm 163
842 oregonum cream-white 15-40cm 55 118
843 oregonum ssp oregonum (ex NNS 01-202) 126
844 revolutum bright pink 15-40cm 63
845 revolutum violet-pink 15-40cm 50 55 184
846 revolutum 'Knightshayes Pink' pink flr/mottled lvs 25cm 96
847 sibiricum rose purple 16-20cm 29 59
848 **Eschscholzia** californica cream 5-60cm 165
(Escobaria < some formerly Coryphantha)
849 **Escobaria** missouriensis yellow-green/pinkish brown 8cm 72
850 sneedii mix 3-27cm 72
851 vivipara (ex Fremont, UT) 54
852 vivipara v arizonica pink 7-20cm 72
853 **Eucalyptus** leucoxydon 'Rosea' pink to 16m 20
854 **Euonymus** americanus pale green flr/red-orange frt 2-3.5m 38
(Eupatorium > see also Conoclinium)
855 **Eupatorium** serotinum white 50-150cm 113
856 **Euphorbia** lathyris yellow-green to 1.5m 177
857 **Eurybia (Aster)** spectabilis violet-purple 10-90cm 80
858 **Exocarpos** strictus yellow-green flr/purplish frt to 3.5m 128
859 **Exochorda** macrantha (x) 'The Bride' white to 1.2m 168 176
860 **Ferula** communis yellow 90-180cm 120
861 **Ferula** glauca yellow flr/blue-grey lvs 2-3m 177
862 **Fessia (Scilla)** hohenackeri pale blue 5-20cm 177
863 **Festuca** californica 'Serpentine Blue' blue-grey lvs 45-120cm 188
864 **Fibigia** clypeata yellow flr/grey woolly lvs 15-75cm 45 50 148
865 eriocarpa yellow 30-75cm 32
866 lunarioides yellow flr/woolly lvs to 30cm 164
867 **Filipendula** camtschatica white to 3m 195
868 ulmaria white 80-100cm 15
869 vulgaris creamy white 30-90cm 16
870 **Foeniculum** vulgare 'Giant Bronze' sulphur yellow flr/bronze-purple
lvs to 2m 82
871 **Franklinia** alataamaha creamy white 5-7m 102
872 **Freesia** alba white/purple-yellow flush 12-40cm 40
873 grandiflora red to 60cm 40
874 laxa red 20-35cm 180
875 laxa 'Joan Evans' white/red eye to 30cm 20
876 leichtlinii cream 8-20cm 40
877 **Fritillaria** acmopetala yellowish green-purplish brown 30-70cm >
878 aurea yellow/brown checked 4-15cm 1
879 camschatcensis greenish-brown/brownish-purple 20-60cm 29 195
880 chlororhabdota purplish 12-45cm 1
881 conica yellow 7-25cm 24
882 davisii purple/brown-yellow 12-30cm 20
883 imperialis mix 40-100cm 22 163
884 imperialis orange-red 40-100cm 8 168
885 meleagris mix 15-40cm 29
886 meleagris purple checkered 15-40cm 30 53
887 meleagris white 15-40cm 29
888 orientalis reddish-brown checkered 15-40cm 38
889 pallidiflora pale yellow 15-45cm >
890 pontica pale green/maroon tinged 15-45cm 43 157 163
891 pyrenaica brownish-purple/yellow-greenish 15-40cm 43 157
892 raddeana pale yellow 50-80cm 18
893 stenantha pink/purple base 5-12cm 1
894 **Fumana** procumbens yellow 10-30cm 107
895 **Gaillardia** grandiflora (x) 'Burgunder' deep red 60-90cm 33
896 grandiflora (x) 'Kobold' red/yellow tips 30-40cm 33 142
897 **Galanthus** nivalis white/green blotch 7-20cm 186
898 **Galax** urceolata white 20-40cm 2
899 **Galium** fruticosum whitish-yellow 35-90cm 164
(Galtonia > see Ornithogalum)
900 **Gaultheria** procumbens white flr/red frt 5-20cm 186
(Gaura > see Oenothera)
901 **Geissorhiza** radians deep blue-violet/red center 8-16cm 191
902 splendidissima dark purple-blue 8-20cm 191
903 **Gelasine** elongata bright blue-violet flr/grey-green lvs to 60cm 161 175
904 **Genista** sagittalis yellow 10-50cm 168
905 **Gentiana** acaulis blue 2-8cm 99 177
906 acaulis 'Undulatifolia' blue flr/wavy-edged lvs 2-8cm 88 140
907 algida white-creamy yellow/purple streaks 8-20cm 173
908 andrewsii dark blue 30-60cm 49
909 andrewsii white 60cm 156
910 asclepiadea deep blue 60-90cm >
911 asclepiadea mix 30-80cm 83
912 asclepiadea white 60-90cm 41 76
913 asclepiadea 'Knightshayes' deep blue 30-60cm 16 41
914 asclepiadea 'Rosea' pink-rose 30-60cm >
915 boissieri blue 4-10cm 16
916 cachemirica blue 10-25cm 16 20 169
917 calycosa deep blue 5-30cm 173
918 catesbaei blue 20-60cm 161
919 clausa blue-purple 30-60cm 2
920 cruciata violet-blue 20-40cm 2
921 kirilowii (nv) (ex Kazakhstan) 177
922 lutea yellow 1-2m 41 105
923 macrophylla blue-purple 30-60cm 173
924 olivieri blue/white throat 15-30cm 16
925 paradoxa (true form not hybrid) 177
926 paradoxa x septemfida blue 10-20cm 177
927 parryi blue 8-45cm 173

Gentiana-Hieracium

- 928 **Gentiana** saponaria 'Rockford' blue 45cm 161
929 septemfida white 15-30cm 177
930 septemfida ssp grossheimii dark blue 10-15cm 16
931 tibetica pale yellow-green/cream 40-50cm 49
932 triflora blue-purple 35-60cm 20 172
933 triflora white 35-60cm 20
934 'True Blue' deep blue 60-75cm 169
935 villosa greenish white/purple-green veins 30-60cm 161
936 wilsonii pale blue 12-30cm 20
937 **Gentianella** bellidifolia white/grey-violet 8-23cm 185
938 **Gentianopsis** crinita blue 30-60cm 152
939 **Geranium** argenteum pale pink flr/silvery lvs 5-20cm 162
940 asphodeloides pink 30-60cm 9
941 cinereum pink flr/grey-green lvs to 15cm 71
942 collinum white 15-50cm 71
943 erianthum white 30-40cm 3
944 incanum 'Sugar Plum' lilac-mauve 30cm 180
945 maculatum rose-purple/violet-purple to 60cm 186
946 maculatum white to 60cm 6
947 maculatum Chocolate Leaf form mauve-pink flr/brown lvs to 60cm 6
948 petri-davisii (ex Turkey) pink/white center 20cm 71
949 pratense 'Purple Haze' violet-purple flr/bronze-purple lvs 10-30cm 29
950 pyrenaicum purple-violet/white 20-60cm 8
951 pyrenaicum 'Bill Wallis' deep violet-blue to 35cm 9
952 sanguineum v striatum pale pink/dark pink veins 10-20cm 55
953 sp (ex Chris Chadwell 2014) rose-pink 25-30cm 39
954 subacutum white 5-50cm 71
955 subacutum hybrid pink 71
956 subargenteum pink 71
957 subcaulescens bright pink/black center to 20cm 71
958 subcaulescens mix to 20cm 71
959 **Geum** 'Blazing Sunset' double red to 60cm 30
960 'Mrs. J. Bradshaw' semi-double orange-scarlet 45-60cm 39
961 rivale pink 25-70cm 33 45
962 triflorum cream/pink-purple 10-45cm 25 33
963 **Gillenia** (Porteranthus) stipulata white 40-100cm 6 95
964 trifoliata white/pale rose 40-100cm 74 139
965 **Gladiolus** communis reddish purple 50-100cm 157
966 dalenii orange-red 60-200cm 108
967 dalenii (cf) bright red 80cm 167
968 flanaganii bright red/paler red to 30cm 39 55
969 imbricatus reddish-violet purple 40-60cm 192
970 italicus (ex Crete) 118
971 palustris red-purple 30-45cm 173
972 papilio cream-pale yellow/dusky purple 50-90cm 167
973 priorii red 30-40cm 46
974 saundersii salmon-scarlet/white speckles 40-90cm 115
975 tristis cream/brown shading 40-100cm 70
976 **Glaucidium** palmatum mix 45-60cm 174
977 palmatum pink-pale purple 45-60cm 2 91 126
978 palmatum white 45-60cm 1 162
979 **Glaucium** flavum yellow to 80cm 79
980 grandiflorum dark orange-red 30-50cm 46
981 grandiflorum x flavum hybrid orange 60-90cm 31
982 hybrid true orange flr/blue-grey lvs 85cm 168
983 hybrids (acutidentatum x corniculatum x flavum) mix 177
984 **Globularia** bisnagarica blue 5-30cm 194
985 cordifolia pale lavender-blue 5-10cm 68
986 incanescens pale blue 5-10cm 81 177
987 meridionalis lavender-blue 10-15cm 94 186
988 repens blue-lilac 1-5cm 88
989 spinosa blue-purple 10-20cm 164
990 stygia blue 5-10cm 177
991 trichosantha violet-blue 15-20cm 55
992 **Gloriosa** superba 'Rothschildiana' bright red/yellow to 1.8m 81
993 **Gymnocalycium** mihanovichii pale green-brownish yellow 4cm 175
994 **Gymnospermium** albertii yellow 10-20cm 1
995 **Gypsophila** aretioides 'Caucasica' white 3cm 55
996 fischeri (nv) (ex Halda) pinkish white 100
997 repens 'Filou Rose' pink 10-15cm 6
- (Habranthus < some formerly Zephyranthes)
998 **Habranthus** robustus pale pink-lavender 15-30cm 40
999 tubispathus yellow-copper 10-20cm 20 175
1000 **Halesia** diptera Magniflora Group white 7-11m 174
1001 **Haplopappus** glutinosus yellow-orange 5-15cm 88 89
1002 **Hastingsia** serpentinicola whitish-greenish/cream 30-50cm 188
1003 **Helenium** amarum yellow 10-100cm 5
1004 **Helianthella** quinquenervis yellow 50-150cm 139
1005 **Helianthemum** nummularium mix 20-30cm 177
1006 oelandicum ssp italicum white 10-25cm 55
1007 sp apricot red 15cm 20
1008 sp red 15cm 20
1009 sp white 15cm 20
1010 **Helianthus** divaricatus yellow 20-150cm 139
1011 giganteus yellow 1-4m 189
1012 microcephalus yellow 20-200cm 113
1013 schweinitzii yellow 1-2m 113
1014 **Helichrysum** aureum v scopulosum (dwarf form) yellow 177
1015 felinum white-pink flr/grey woolly-felted lvs to 1m 82
1016 milfordiae white/crimson reverse flr/woolly lvs 5-12cm 194
1017 **Heliopsis** helianthoides yellow 80-150cm 57
1018 **Helleborus** foetidus yellow-green 30-80cm 61
1019 foetidus (moist packed) yellow-green 30-80cm 186
1020 hybridus (x) mixed to 45cm 185
1021 hybridus (x) (moist packed) dark slate-black to 45cm 186
1022 hybridus (x) (moist packed) double black to 45cm 186
1023 hybridus (x) (moist packed) double pink 30-50cm 186
1024 hybridus (x) (moist packed) double yellow to 45cm 186
1025 hybridus (x) (moist packed) pure white to 45cm 186
1026 hybridus (x) (moist packed) white w/spots to 45cm 186
1027 hybridus (x) 'Eco Dragon's Blood' (moist packed) pink/green w/dark spots to 45cm 186
1028 hybridus (x) 'Spring Promise Rachel' (moist packed) burgundy red/dark spotted to 45cm 179
1029 hybridus (x) 'Sunshine Strain' (moist packed) mix 30-45cm 186
1030 lividus ssp corsicus pale green-cream 45-90m 9
1031 orientalis pink to 45cm 104
1032 **Helonias** bullata purplish pink 10-60cm 158
1033 **Heloniopsis** orientalis v breviscapa white/purplish-pink 10-20cm 1
1034 **Hemiboea** subcapitata white/purple spotted 10-40cm 38
1035 **Hepatica** maxima pink/white 30cm 55
1036 nobilis (moist packed) blue 10-15cm 81
1037 nobilis 'Poland' (nv) mid-blue 184
1038 **Heptacodium** miconioides white to 7m 189
1039 **Herbertia** lahue bluish purple-violet 8-15cm 191
1040 **Hesperaloe** parviflora rosy red-salmon 1-2.5m 168
1041 **Hesperantha** falcata white-yellow/red-brown reverse 25-30cm 17
1042 humilis deep pink-reddish 3-8cm 191
1043 oligantha bright pink-purple 6-10cm 191
1044 pauciflora pink-purple 8-24cm 126 191
1045 **Hesperis** matronalis white 40-80cm 106
1046 **Hesperoxiphion** (Cypella) peruvianum yellow-orange 20-60cm 24 (Heterotheca < some formerly Chrysopsis)
1048 **Heterotheca** jonesii yellow 2-6cm 183
1049 villosa yellow 16-40cm 67
1050 **Heuchera** americana 'Dale's Strain' white-pink flr/silver-bronze lvs 30-60cm 33 189
1051 americana hybrid pink flr/mint-green lvs 35cm 136
1052 bracteata greenish yellow 6-28cm 177
1053 'Green Spice' white flr/silver lvs red veins 25-70cm 14
1054 pulchella pink 7-15cm 177
1055 richardsonii green/greenish-white 20-95cm 45
1056 sp (blooms mid-Summer through Fall) hot pink 45cm 111
1057 **Hibiscus** martianus red 30-150cm 4
1058 moscheutos pink to 2.5m 115
1059 **Hieracium** maculatum yellow flr/mottled lvs 10-50cm 101
1060 maculatum 'Leopard' yellow flr/maroon mottled lvs 15-25cm 23
1061 schmidtii yellow flr/hairy lvs 10-40cm 139
1062 sp clear yellow flr/silver lvs 3-20cm 2
1063 tomentosum yellow flr/white woolly lvs 10-40cm 177

Garden Collected

- 1064 **Hieracium** villosum yellow flr/silver-grey woolly lvs 30-45cm 41 97 177
(Hormathophylla < some formerly Alyssum, Ptilotrichum)
- 1065 **Hormathophylla** spinosa white flr/grey-green lvs 15-30cm 98 174
- 1066 **Houstonia** caerulea pale blue-white 5-20cm 6
- 1067 **Hudsonia** tomentosa yellow flr/woolly lvs to 40cm 72
- 1068 **Hyacinthoides** hispanica pink 20-40cm 186
- 1069 non-scripta white w/blue tips 35cm 193
- 1070 **Hydrangea** quercifolia white to 8m 90
- 1071 quercifolia 'Ruby Slipper' ruby red 90-120cm 189
- 1072 **Hydrastis** canadensis white flr/red frt 15-50cm 45 125
- 1073 canadensis (moist packed) white flr/red frt 15-50cm 186
(Hylotelephium > see Sedum)
(Hymenoxys > see Tetraneuris)
- 1074 **Hypericum** bellum pale yellow 30-120cm 134
- 1075 buckleyi golden yellow 5-45cm 152
- 1076 forrestii golden yellow 30-150cm 134
- 1077 olympicum yellow flr/grey-green lvs to 25cm 39 177
- 1078 orientale yellow 10-30cm 55
- 1079 **Hyssopus** officinalis blue 30-60cm 166
- 1080 seravschanicus blue-violet 40-50cm 177
- 1081 **Iberis** sempervirens white 15-30cm 32
- 1082 simplex white flr/violet bud 5-10cm 177
- 1083 umbellata white/pink/purple 30-50cm 30
- 1084 **Ikonnikovia** kaufmanniana purple 14-35cm 177
- 1085 **Ilex** verticillata 'Winter Red' bright red frt 1.8-2.4m 189
- 1086 **Impatiens** balfourii pink-lavender/white 50-120cm 64 134
- 1087 bicolor pink/yellow 26-75cm 167
- 1088 **Incarvillea** compacta purple-red 20-30cm 62
- 1089 delavayi rose-purple/pink 30-60cm 62 158
- 1090 delavayi 'Snowtop' white 30-45cm 126
- 1091 diffusa pale red/purple-red to 1.5m 46
- 1092 forrestii red/purple-red 15-30cm 62
- 1093 olgae pink-purple 100-150cm 62 177
- 1094 younghusbandii rose-purple 10-20cm 146
- 1095 **Indigofera** bungeana 'Rose Carpet' rose pink 20-30cm 189
- 1096 kirilowii pink 30-100cm 116
- 1097 sp to 150cm 189
- 1098 **Inula** candida yellow to 30cm 164
- 1099 ensifolia yellow 25-40cm 39
- 1100 ensifolia 'Compacta' golden-yellow to 30cm 23
- 1101 helenium yellow 50-150cm 179
- 1102 verbascifolia yellow flr/silver woolly lvs to 30cm 177
- 1103 **Ipomoea** quamoclit red to 3m 149
(Iris < some formerly Belamcanda, Pardancanda, Pardanthopsis)
- 1104 **Iris** aucheri white/pale-dark blue to 25cm 1 94
- 1105 bloudowii yellow 8-30cm 131
- 1106 'Blue Jay' (Siberian hybrid) blue to 40cm 63
- 1107 bucharica yellow 20-40cm 94
- 1108 Cal-Sib hybrid (Pacific Coast x Sibirica) (dwarf) white 20-25cm 174
- 1109 chrysographes very dark violet 25-70cm 157
- 1110 chrysographes (black-flowered) deep blackish-violet 25-70cm 105
- 1111 cristata white 4-8cm 2
- 1112 decora violet/pale blue 10-35cm 141
- 1113 delavayi (tall, robust form ex China) deep purple 200cm 105
- 1114 dichotoma lavender 40-60cm 167
- 1115 dichotoma violet/pale blue/cream 40-60cm 141
- 1116 douglasiana mix blues/white 15-70cm 63
- 1117 douglasiana (ex NNS 02-189) 126
- 1118 douglasiana (hp) purple 30cm 141
- 1119 ensata large white falls 174
- 1120 foetidissima yellow seed form 45cm 134
- 1121 foetidissima 'Fructu Albo' lilac flr/white frt 60cm 193
- 1122 gracilipes pale purple 15-30cm 148
- 1123 graminea purple/violet-blue 20-50cm 65
- 1124 halophila v sogdiana violet 20-60cm 37
- 1125 hookeri blue 5-60cm 73
- 1126 lactea pale violet-milky white 14-70cm 107 136
- 1127 lactea 'Redundant' (repeat bloomer) lavender-blue to 50cm 148
- 1128 latifolia blue-violet shades to 60cm 134 157
- 1129 latifolia red-purple 60cm 29
- 1130 **Iris** latifolia white to 50cm 157
- 1131 lazica (hp) (ex BIS 2010 423) purple 38cm 141
- 1132 magnifica white 30-60cm 32 194
- 1133 milesii pinkish-violet/pinkish-purple 60-90cm 20 46
- 1134 norrisii (x) mix 60-90cm 176
- 1135 norrisii (x) pink to 90cm 122
- 1136 orientalis 'Gigantea' white/yellow to 150cm 164
- 1137 Pacific Coast hybrid lilac/yellow 30cm 170
- 1138 Pacific Coast hybrid mix 40cm 108
- 1139 Pacific Coast hybrid 'Blue Nebula' red-purple/blue 35cm 30
- 1140 persica brownish-greenish-greyish 10cm 107
- 1141 planifolia (hp) lavender/blue 38cm 141
- 1142 prismatica pale violet/blue 30-80cm 141 148
- 1143 pumila ssp attica (ex Delphi, Greece) 118
- 1144 sanguinea blue-violet/white 40-60cm 195
- 1145 setosa blue/pink/white mix 15-90cm 174
- 1146 setosa deep violet-blue 15-90cm >
- 1147 setosa (dwarf arctica form) blue-purple 15-30cm 20 118
- 1148 sibirica white 50-120cm 118
- 1149 sintenisii blue-violet 20-35cm 56 117
- 1150 sintenisii ssp sintenisii blue-violet 20-35cm 63
- 1151 sp (spuria-type) purple 20cm 157
- 1152 sp dwarf siberian form dark blue 30-40cm 63
- 1153 speculatrix purple/lavender 12-40cm 141
- 1154 spuria (tall hybrid) dark blue/brown/burgundy mix to 1m 63
- 1155 spuria ssp maritima blue-violet/purple 20-70cm 63
- 1156 tectorum bluish-violet 20-40cm 99 133 162
- 1157 tectorum white 20-40cm 73 162
- 1158 tenax lavender/white 15-30cm 114
- 1159 typhifolia dark rich blue 50-90cm 63
- 1160 versicolor (ex Ontario, Canada) violet/blue 45cm 134
- 1161 versicolor 'Epic Poem' light blue 65cm 148
- 1162 versicolor 'Light Verse' white/dark blue veins 50cm 148
- 1163 versicolor 'Murrayana' white 60cm 148
- 1164 versicolor 'Party Line' white/rose 60cm 148
- 1165 versicolor 'Whodunit' white/heavily veined violet 60cm 148
- 1166 zenaidae deep violet-blue 15-40cm 1 60
(Isodon < some formerly Plectranthus, Rabdosia)
- 1167 **Isodon** trichocarpus pink 100cm 47
- 1168 **Isopyrum** thalictroides white 15-20cm 59
- 1169 **Ixia** viridiflora green-turquoise 50-100cm 46
- 1170 **Ixiolirion** tataricum light blue-dark violet 10-40cm >
- 1171 **Jasione** laevis violet-blue 20-45cm 183
- 1172 **Jeffersonia** diphylla (moist packed) white 40cm 2 62 95
- 1173 dubia pale lilac-blue 10-30cm 197
- 1174 dubia (moist packed) pale lilac-blue 10-30cm 186
(Jovibarba > see Sempervivum)
- 1175 **Junellia** succulentifolia bluish-white/violet 15-30cm 177
- 1176 thymifolia pale blue-lilac 25-45cm 55
- 1177 **Kalimeris** incisa pale blue 30-45cm 2 74
- 1178 **Kalmia** latifolia pink-purple 2-8m 189
- 1179 **Keckiella** ternata orange to 180cm 178
- 1180 **Kirengeshoma** palmata yellow 80-120cm 2
(Kitagawia > see Peucedanum)
- 1181 **Kniphofia** ensifolia red buds/cream flr to 1.8m 126
- 1182 hybrid solid yellow to 1m 63
- 1183 uvaria orange-greenish yellow 50-120cm 83
- 1184 **Koeleria** macrantha 20-85cm 5
- 1185 **Koelreuteria** paniculata 'Rose Lantern' yellow flr/rose-red fruit to 10m 174
- 1186 **Krigia** virginica yellow 4-30cm 94
- 1187 **Lablab** purpureus rose-purple flr/maroon-purple frt to 6m 147
- 1188 **Lachenalia** capensis pink/cream 10-15cm 70
- 1189 ensifolia ssp maughanii white 5cm 191
- 1190 obscura grey blue/purple 20cm 70
- 1191 punctata pink/red 6-25cm 70
- 1192 viridiflora turquoise 8-20cm 191
- 1193 **Lallemantia** canescens dark violet blue-lavender 20-50cm 60 64 177
- 1194 **Laserpitium** siler white-cream 30-100m 164
- 1195 **Lathyrus** aureus coppery-orange 30-60cm 85

Lathyrus-Lysimachia

- 1196 **Lathyrus** vernus mixed pinks/blues 20-40cm 75
1197 vernus pink 20-40cm 90
1198 vernus reddish-purple 20-40cm 172 186
1199 **Lavandula** angustifolia 'Hidcote' deep blue purple to 50cm 21
1200 **Lavatera** clementii (x) 'Bredon Springs' mauve-pink to 2m 82
1201 thuringiaca (PKMB329 ex Kazakhstan) light pink to 150cm 171
1202 **Leontopodium** sp silver 10cm 42
1203 **Leonurus** cardiaca pink-lilac 60-100cm 177
1204 **Leopoldia** (Muscari) comosa violet-blue/brownish-green 20-60cm 32
1205 cycladica light pink 19
1206 tenuiflora (aff) 22
1207 weissii brown-yellowish/violet-purplish 8-30cm 157
1208 **Leucanthemum** superbum (x) white to 1m 33
(Leucojum > see also Acis)
1209 **Leucojum** vernum white 12-35cm 107
(Leuzea > see Rhaponticum)
1210 **Lewisia** brachycalyx white 3-8cm 108
1211 cantelovii white-pale pink 10-50cm 55
1212 cotyledon magenta 10-30cm 118
1213 cotyledon mix 10-30cm 101
1214 cotyledon pink/peach mix 10-30cm 63
1215 cotyledon 'Elise' mix 10-30cm 190
1216 cotyledon hybrid mix 10-15cm 20
1217 cotyledon hybrid orange 10-15cm 55
1218 longipetala hybrids 55
1219 nevadensis white 5-12cm 55 150 178
1220 pygmaea mix 3-9cm 124
1221 pygmaea pink 3-9cm 63 108
1222 rediviva rose-pink 1-3cm 55
1223 tweedyi 'Ashwood's Yellow' yellow 10-20cm 184
1224 **Liatris** acidota purple/dark lavender 20-90cm 161
1225 aspera pink-purple 30-180cm 75
1226 ligulistylis purple 20-100cm 2 177
1227 microcephala lavender-purple 30-80cm 2
1228 punctata lavender-purple 15-85cm 142
1229 scariosa v nieuwlandii pink-purple 30-100cm 160
1230 scariosa v novae-angliae pale violet 30-100cm 115
1231 spicata pink 40cm 69
1232 spicata 'Kobold' pink-purple 45-75cm 132
1233 **Libertia** sessiliflora pale blue to 60cm 126
1234 **Ligularia** alpigena yellow 22-140cm 34
1235 'Britt Marie Crawford' orange-yellow flr/purple-black lvs
60-100cm 189
1236 dentata yellow 30-120cm 150
1237 heterophylla yellow flr/grey-green lvs 20-200cm 34
1238 **Ligusticum** lucidum white 60-100cm 193
1239 scoticum green-white 15-60cm 177
(Lilium < some formerly Nomocharis)
1240 **Lilium** apertum red/pink/light yellow 25-50cm 126
1241 canadense orange to 1.8m 43
1242 canadense red-orange to 1.8m 49
1243 canadense yellow-orange/red to 1.8m 49 158 195
1244 candidum white 1.2m 164
1245 columbianum yellow/orange w/maroon spots to 1.7m 126
1246 concolor orange 30-50cm 161
1247 concolor yellow 30-50cm 161
1248 davidii orange/dark purple spots 50-100cm 20
1249 distichum yellow-orange red/purple-red spots 60-120cm 195
1250 duchartrei white/red-purple spots 50-150cm 126
1251 formosanum (cf) (1 year to bloom, fragrant) white 100cm 93
1252 formosanum v formosanum white/flushed purple reverse
20-55cm 128 146
1253 kelleyanum (ex NNS 03-378) 126
1254 lankongense pink w/red spots 40-150cm 126
1255 ledebourii white 60-100cm 184
1256 leichtlinii yellow 50-200cm 43
1257 leichtlinii v maximowiczii dark orange/purple-brown spots to 2m 161
1258 leucanthum v centifolium 'Black Dragon' white/rose-purple
1259 martagon dark rose 60cm 81
reverse 60-150cm 134
1260 **Lilium** martagon dusky pink 1-2m 148
1261 martagon mix 1-2m 76
1262 martagon pink 1-2m >
1263 martagon pink-purple/spotted 1-2m >
1264 martagon red 1-2m 29 48
1265 martagon white 1-2m >
1266 martagon 'Black Prince' dark burgundy-red to 120cm 136
1267 martagon v cattaniae (hort) dark maroon to 2m 194
1268 meleagrinum white-pale pink/purple-red spots 35-100cm 126
1269 monadelphum yellow 50-100cm 81 184
1270 oxypetalum pale yellow-green 20-30cm 108
1271 pardalinum 'Giganteum' carmine-red 150-210cm 53
1272 pardalinum ssp pardalinum (ex NNS 03-380) 126
1273 pardalinum ssp wigginsii (ex NNS 00-493) 126
1274 philadelphicum orange 20-30cm 86
1275 pumilum orange-red 15-60cm 81
1276 pyrenaicum yellow/orange/red to 130cm 118
1277 regale white/purple flush reverse 50-150cm 91 104 114
1278 regale dwarf hybrids white/gold throats 30-40cm 63
1279 sargentiae white/purple brown-green reverse 120-150cm 20
1280 superbum yellow-red orange/maroon spots to 2.8m 2
1281 'Sutton Court' yellow/rose 1.5m 19
1282 **Limnanthes** douglasii white/yellow center 3-35cm 46
1283 **Limonium** 'Blauer Diamant' blue 20-40cm 96
1284 gougetianum pale violet 10-20cm 41
1285 **Linaria** aeruginea yellow/purple-brown 10-20cm 60
1286 alpina blue-purple/orange-yellow lip 5-20cm 25 97
1287 alpina purple/red 5-20cm 169
1288 alpina white/yellow 5-20cm 169
1289 purpurea purple-violet 30-70cm 169
1290 **Linnaea** (Kolkwitzia) amabilis whitish tinged pink to 3m 174
1291 **Linum** arboreum yellow 30-50cm 94
1292 campanulatum yellow 10-30cm 36
1293 lewisii blue 5-80cm 177
1294 perenne pale blue 40-60cm 20
1295 tenuifolium white/pink stripes 30cm 36
1296 **Lithops** fulviceps C284 yellow 13
1297 hookeri v dabneri C301 yellow 13
1298 karasmontana 'Opalina' white 13
1299 karasmontana ssp bella C295 white 13
1300 lesliei C352 yellow 13
1301 schwantesii C076 yellow 13
1302 schwantesii C191 yellow 13
1303 **Lobelia** cardinalis bright red flr/mix dark & green lvs 70cm 167
1304 cardinalis red 60-120cm >
1305 siphilitica blue 60-90cm 125 167
1306 siphilitica mix 60-90cm 83
1307 siphilitica 'Mistassinica' blue 10-15cm 81
1308 spicata light blue/white 60-90cm 151
1309 **Lomatium** dasycarpum green-white/purple 10-50cm 188
1310 grayi yellow 15-50cm 55
1311 **Lonicera** chamissoi pinkish purple flr/red frt 60cm 3
1312 **Lunaria** annua light pink 60-90cm 132
1313 annua purple 60-90cm 189
1314 annua white 60-90cm 90
1315 annua 'Kermesina' deep purple flr/cream-edged lvs 142
1316 annua 'Variegata' purple flr/white variegated lvs to 1m 185
1317 **Lupinus** albifrons violet-lavender 90-150cm 61
1318 perennis blue-purple/pink to 60cm 35
1319 pilosus dark blue/white 30-70cm 144
1320 **Luzula** sylvatica 30-80cm 45
(Lychnis > see also Silene)
1321 **Lychnis** 'Molten Lava' scarlet 30cm 63
1322 yunnanensis (hort) white 20-45cm 105
1323 **Lycium** barbarum purple flr/red-orange frt 80-200cm 61
1324 **Lycopus** exaltatus white 15-80cm 47
1325 **Lysichiton** camtschaticensis white 40-80cm 3
1326 **Lysimachia** atropurpurea 'Beaujolais' dark red-burgundy flr/grey lvs
45-60cm 120
1327 ephemerum white flr/grey-green lvs to 1m 139

Garden Collected

Macleaya-Paeonia

- 1328 **Macleaya** cordata yellowish white to 2.5m 66
1329 **Magnolia** macrophylla cream-white to 15m 38
1330 sieboldii white 5-10m 190
1331 sieboldii 'Colossus' white/rose stamens 3-7.5m 174
1332 **Maianthemum (Smilacina)** racemosum white flr/red frt 75-125cm
69 128 186
1333 stellatum white 25-50cm 126
1334 **Maihuenia** poeppigii pale yellow 10-15cm 116
(Manfreda < some formerly Agave)
1335 **Manfreda** maculosa pale yellow-white turn pink-rose flr/spotted lvs
to 40cm 4
1336 virginica yellow-green 8-40cm lvs/140cm flr 115
1337 **Marrubium** vulgare (PI) white flr/white woolly lvs 30-40cm 177
1338 **Marshallia** caespitosa white-pale lavender 20-50cm 5
1339 **Massonia** echinata cream white 5cm 46
1340 pustulata cream-pink to 5cm 46
1341 **Matthiola** fragrans dark purple-yellow flr/grey woolly lvs 60cm 164
1342 trojana pale pink-brown 10-15cm 87
1343 **Maurandya** (Asarina) antirrhiniflora rose-pink 1-2m 61
1344 barclayana 'Exotic Pride' violet blue/pink/white to 200cm 147
(Meconopsis > see also Papaver)
1345 **Meconopsis** baileyi blue to 1m 29 78
1346 betonicifolia blue 30-90cm 84 138 158
1347 'Lingholm' (Fertile Blue Group) blue 1-1.2m >
1348 paniculata cream-yellow flr/hairy lvs to 2.5m 137
1349 quintuplinervia pale lilac-blue/purple flr/hairy lvs 30-50cm 137
1350 sheldonii (x) (Fertile Blue Group) blue to 1m 138
1351 zhongdianensis blue 50-70cm 194
1352 **Melaleuca** gibbosa mauve to 2m 20
1353 **Melasphaerula** ramosa cream-pale yellow 30-50cm 126
1354 **Melica** ciliata 50-100cm 154
1355 **Melocactus** matanzanus (not frost hardy) rose pink-carmine
9-18cm 180
1356 **Mentzelia** nuda white-pale cream 30-150cm 79
1357 **Micranthes (Saxifraga)** pennsylvanica white-cream/purple 25-125cm 5
1358 virginiana white 6-50cm 6
1359 **Milium** effusum 'Aureum' yellow-green lvs 30-60cm 177
1360 **Mimulus** cardinalis orange-red/scarlet 25-80cm 63
1361 cardinalis red 25-80cm 173
1362 cardinalis yellow 25-80cm 30
1363 **Minuartia** laricifolia (aff) (round form, petals broader) white
5-15cm 180
1364 **Mirabilis** jalapa mix 60-90cm 185
1365 **Moltkia** petraea deep violet-blue 20-40cm 37 177
1366 **Monardella** macrantha 'Marion Sampson' bright red 7-15cm 177
1367 odoratissima ssp glauca purple/red-purple 10-30cm 100
1368 **Monnina** revoluta blue-violet to 1.5m 20
1369 **Montiopsis** (Calandrinia) umbellata deep pink-magenta 10-15cm 20
1370 **Moraea** aristata white/blue eyes 20-40cm 26
1371 aristata x villosa ivory 25cm 26
1372 bellendenii yellow 50-100cm 26
1373 huttonii yellow to 1m 19
1374 longifolia pale yellow 60-150cm 157
1375 lurida dull maroon black/pale yellow 20-30cm 20
1376 polystachya light blue-lavender 50-80cm 141 191
1377 vegeta tan 15-30cm 26
1378 vespertina white/yellow 45-60cm 26
1379 villosa mix to 40cm 26
1380 **Morina** longifolia white turns pink-deep red to 90cm 39
1381 **Muehlenbeckia** axillaris yellowish-white 5-10cm 139
1382 **Muhlenbergia** reverchonii brown-purplish 40-80cm 177
1383 **Mukdenia** rossii white 20-36cm 77
(Muscari > see also Leopoldia, Pseudomuscari)
1384 **Muscari** armeniacum 'Valerie Finnis' pale lavender blue to 20cm 20
1385 latifolium deep purple/pale blue 15-40cm 186
1386 sivrihisardaghlarensis light blue/dark violet-blackish 3-6cm 1
1387 **Myosotis** australis yellow 20cm 157
1388 sylvatica sky blue 15-30cm 15
1389 **Narcissus** asturiensis yellow 7-12cm 55
1390 cyclamineus yellow 15-20cm 20
1391 **Narcissus** Nylon Group white-pale yellow 12-25cm 191
1392 obvallaris yellow 30cm 18
1393 rupicola yellow to 23cm 18 55 162
1394 rupicola ssp marvieri deep yellow to 16cm 119
(Nectaroscordum > see Allium)
1395 **Nepeta** grandiflora blue-purple flr/grey-green lvs to 75cm 82
1396 tenuifolia violet 30-100cm 47
1397 tuberosa purple-violet flr/woolly grey lvs 30-60cm 164
1398 **Nicotiana** sylvestris white-cream 1-1.5m 66
(Noccaea < some formerly Thlaspi)
1399 **Noccaea** fendleri ssp glauca white/pinkish purple 5-32cm 177
1400 **Nolina** texana cream/yellow-green 40-90cm 177
(Nomocharis > see Lilium)
1401 **Nothochelone** nemorosa pink-purple 30-80cm 126
1402 **Notholirion** bulbuliferum red/pink/red-purple 60-100cm 53
1403 **Odontostomum** hartwegii creamy white/yellowish to 55cm 188
(Oenothera < some formerly Gaura)
1404 **Oenothera** acaulis 'Aurea' yellow 5-10cm 157
1405 argillicola yellow to 60cm 167
1406 caespitosa white-turns pink to 20cm 165
1407 caespitosa ssp marginata white/yellow age to pinkish/purple
1-18cm 177
1408 flava pale yellow 7-10cm 6
1409 glazioviana yellow fading red-orange 50-150cm 127
1410 lindheimeri pink-white 50-150cm 74
1411 macrocarpa ssp fremontii yellow flr/silvery-green lvs 15-20cm 177
1412 macrocarpa ssp incana yellow flr/silver lvs to 20cm 177
1413 perennis yellow 15cm 134
1414 sp yellow flr/long red stalks 150cm 31
1415 villosa (ex multi-branched biennial shrub) bright yellow 150cm 153
1416 **Onosma** caerulescens white-pink flr/blue hairy lvs 10-25cm 177
1417 cinerea (aff) pale yellow flr/grey hairy lvs to 40cm 186
1418 echioides (cf) 177
1419 **Opuntia** 'Malpais Sunset' magenta 153
1420 'Smithwick' yellow 15cm 52
1421 **Orbexilum** (Psoralea) pedunculatum v psoralioides pale purple
30-80cm 5 161
1422 **Origanum** acutidens yellow-green bracts/white-pink flr to 50cm 177
1423 'Kent Beauty' rose-pink flr/silvery lvs to 25cm 177
1424 mixed hybrids (sipyleum x scabrum x laevigatum) 177
1425 'Suendermannii' lavender-rose 15-30cm 177
1426 syriacum white/pale pink to 1m 164
1427 vulgare 'Humile' pink 20-25cm 103
1428 **Orlaya** grandiflora white 45-60cm 148
(Ornithogalum < some formerly Galtonia)
1429 **Ornithogalum** multifolium yellow-orange 3-25cm 40
1430 nutans (PI) white/green stripe 20-60cm 30
1431 princeps pale green-cream 60-90cm 128
1432 pyrenaicum pale greenish-yellow 30-60cm 157
1433 viridiflorum pale yellow-green to 1m 53 157
1434 viridiflorum (dwarf form) 53
1435 **Orostachys** chanetii white 10-30cm 177
1436 minuta reddish/purple spotted 2-6cm 177
1437 spinosa (large silver form) 177
1438 **Oxalis** valdiviensis yellow 10-13cm 15
1439 **Oxytropis** japonica red purple 5-10cm 170
1440 splendens reddish-purple flr/silver woolly lvs 10-36cm 183
1441 **Pachyphragma** macrophyllum white 30-45cm 60
1442 **Paeonia** anomala ssp veitchii rose-red 30-90cm >
1443 broteri rose-pink to 40cm 22
1444 cambessedesii rose-pink to 45cm >
1445 daurica ssp coriifolia pink 70-100cm 44
1446 daurica ssp coriifolia red 70-100cm 55
1447 daurica ssp coriifolia (ex JH749) (as P. caucasica) 174
1448 daurica ssp mlokosewitschii yellow 80-100cm >
1449 delavayi dark red 20-180cm 105
1450 jishanensis white/pink-tinged base to 1.8m 99
1451 ludlowii yellow to 3.5m 39
1452 mairei pink-red to 1m 1
1453 mascula deep purplish-pink to 90cm 73 190

Garden Collected

Paeonia-Penstemon

- 1454 **Paeonia** mascula light pink to 90cm 19
1455 mascula ssp mascula rose-red to 90cm 177
1456 mascula ssp russoi purplish-pink to 60cm 184
1457 mascula ssp russoi (ex JJA 747.002) pink 20-45cm 145
1458 obovata cream 30-70cm 2
1459 obovata mix 30-70cm 12 73 195
1460 obovata pink 30-70cm >
1461 obovata white 30-70cm >
1462 obovata ssp obovata (syn. japonica) white 30-70cm 44 65 76
1463 obovata ssp willmottiae white 30-70cm 133 194
1464 officinalis deep pink/deep red 60-70cm 195
1465 officinalis ssp officinalis dark red 51
1466 officinalis ssp officinalis red-pinkish 35-90cm 99
1467 ostii white to 150cm >
1468 ostii white/lavender flush 90cm 148
1469 peregrina brilliant red 30-50cm >
1470 qiui pink/pale pink to 1.2m 36
1471 rockii pink 60-180cm 17
1472 rockii white/dark purple eye to 1.8m 44 69 184
1473 sp mixed red 50-70cm 106
1474 sp mixed white-yellow-pink-red 50-80cm 97
1475 suffruticosa (x) magenta to 1.5m 196
1476 suffruticosa (x) pink semi-double to 1.5m 69
1477 suffruticosa (x) pink single to 1.5m 44
1478 suffruticosa (x) single white to 1.5m 196
1479 suffruticosa (x) 'Guardian of the Monastery' lavender-dark purple
1480 suffruticosa (x) 'Kamata-fuji' rose-pink 90-150cm 186
center 90-120cm 94
1481 suffruticosa (x) 'Rose Flame' semi-double pink-red to 1.5m 196
1482 suffruticosa (x) 'Taiyo' ruby red 1-2m 186
1483 suffruticosa v papaveracea (x) (ex Chen Yi) pale pink/dark
blotched base to 1.5m 186
1484 tenuifolia deep crimson-red 30-60cm 63 131 162
(Papaver < some formerly Meconopsis)
1485 **Papaver** alboroseum white-rose to 15cm 84
1486 alpinum mix 5-25cm 15
1487 alpinum pale orange 5-25cm 27
1488 alpinum yellow 5-25cm 100
1489 apokrinomenon orange 20-30cm 32
1490 atlanticum soft apricot orange to 45cm >
1491 atlanticum 'Flore Pleno' semi-double orange 45cm 95 161
1492 burseri pure white flr to 20cm 68
1493 cambricum double red 40-60cm 194
1494 cambricum mix 40-60cm 45
1495 cambricum 'Frances Perry' scarlet/red 40-60cm 45
1496 cambricum 'Muriel Brown' double red-orange 30-45cm 134
1497 commutatum 'Ladybird' red/black spots to 45cm 79
1498 croceum (aff) yellow 30-40cm 79
1499 dahlianum white 10-25cm 138
1500 degenii yellow 5-15cm 27
1501 'Fireball' double orange-scarlet 20-30cm 130
1502 lapponicum orange 30cm 84
1503 nudicaule mix 10-40cm 15
1504 nudicaule pink 10-40cm 15
1505 nudicaule v aquilegioides white 20-60cm 58
1506 orientale 'Beauty of Livermere' dark oxblood red 60-90cm 129
1507 popovii orange 10-25cm 147
1508 radicum ssp kluanensis white 25cm 173
1509 rhoeas red/pink to 70cm 35
1510 rupifragum (cf) 177
1511 somniferum mix to 120cm 142 177
1512 somniferum 'Lauren's Grape' deep red-purple to 120cm 35
1513 sp orange/purple spots 30cm 81
1514 tauricola pale brick-red 30-40cm 177
1515 **Paracaryum** racemosum blue flr/hairy lvs 12-40cm 37
1516 **Paradisea** liliastrum white 30-90cm 126
1517 lusitanica white 80-120cm 105 157
1518 **Paris** polyphylla yellow-green 10-100cm 157
1519 quadrifolia yellow-green flr/blue-black frt 25-40cm 47
1520 **Parnassia** asarifolia white/green veins 18-50cm 113
1521 **Parnassia** glauca white/green veins 20-40cm 152
1522 grandifolia white 20-40cm 152
1523 palustris white 10-30cm 105
1524 **Pasithea** caerulea blue 60cm 126
1525 **Patrinia** sibirica yellow 5-25cm 3
1526 **Pavonia** praemorsa yellow 1-2m 144
1527 **Pelargonium** cordifolium pale pink/dark veins to 1.5m 46
1528 endlicherianum deep pink-maroon veins 20-35cm >
1529 iocastum white-pale purple/dark purple blotches 6cm 180
1530 **Peltoboykinia** watanabei cream-yellow 45-85cm 154
1531 **Penstemon** albidus lavender 10-40cm 100
1532 barbatus coral to 90cm 83
1533 barbatus red 60-90cm 123
1534 barrettiae lilac/rose-purple 15-40cm 30 79
1535 caespitosus blue-lavender 2-8cm 131
1536 californicus blue-purple 10-30cm 71
1537 cardinalis deep red 40-70cm 63 153
1538 cardwellii bright purple/blue-violet 10-30cm 63
1539 cardwellii hybrids mix 55
1540 'Crystal's Daughter' (Dasanthera hybrid-vigorous) white 63
1541 davidsonii lavender pink 25cm 125
1542 davidsonii v menziesii purple-lavender 5-10cm 55 173
1543 davidsonii v praeteritus lavender-violet 10-15cm 173
1544 digitalis pink 90cm 80
1545 digitalis white 70-150cm 63 125
1546 digitalis (ex Newago Co, MI) white 1m 151
1547 eatonii deep scarlet-red 40-100cm 25 177
1548 Fasciculus hybrids magenta/pinks 63
1549 franklinii blue-violet 10-20cm 79
1550 fruticosus hybrids mix 55
1551 fruticosus v serratus pale blue-lavender/purple 15-40cm 173
1552 glaber v alpinus blue to 45cm 100
1553 gormanii blue-purple/lavender-pink 10-30cm 79 183
1554 grandiflorus mix 50-100cm 25 153
1555 grandiflorus pink-lavender 50-100cm 154
1556 hallii deep blue-purple 16-20cm 79
1557 heterophyllus blue-purple/magenta 25-150cm 63 178
1558 hirsutus lavender-violet/white 20-60cm 2 108
1559 hirsutus v pygmaeus lavender/pink 15cm 85
1560 hirsutus v pygmaeus lavender/white 15cm >
1561 hybrids mixed (likely P. strictus x barbatus) blue-violet/red-violet
45-60cm 135
1562 kunthii 'Cherry Red' red 63
1563 laricifolius cream/pink/lavender 10-20cm 100 140
1564 laricifolius ssp laricifolius pink 10-20cm 87
1565 lemhiensis deep blue-purple/lavender 30-70cm 79
1566 linarioides pale blue-violet 10-50cm 87
1567 lyallii pink 30cm 178
1568 mensarum dark purple-blue 40-50cm 140
1569 'Mexicana' hybrid bright pink 40-60cm 108
1570 newberryi hybrids pink 55
1571 ovatus blue-purple 30-100cm 2 63
1572 pachyphyllus blue-violet/purple-lavender 30-65cm 79
1573 pinifolius orange 20-40cm 39
1574 pinifolius scarlet-orange 20-40cm 63
1575 procerus deep blue-purple 5-40cm 72 131 140
1576 procerus v tolmiei deep purple-blue 5-15cm 79
1577 pruinus deep blue/lavender 10-40cm 79
1578 pseudospectabilis deep reddish-pink/magenta 30-100cm 87
1579 'Red Rocks' rose-pink/white 45cm 112
1580 richardsonii pink-lavender/blue 20-80cm 139
1581 richardsonii red 40-50cm 178
1582 roseus red/crimson to 120cm 165
1583 rostriflorus scarlet 30-100cm 168
1584 rupicola hybrids mix 55
1585 saxosorum x virgatus 79
1586 secundiflorus mix 15-50cm 107
1587 serrulatus deep blue-purple 20-70cm >
1588 smallii lavender/violet 40-60cm 156
1589 smallii pale red-purple 40-60cm 113

Garden Collected

Penstemon-Primula

- 1590 **Penstemon strictus** deep blue/violet 35-70cm 132
1591 'Sunburst Amethyst' (Fasciculus hybrid) purple to 50cm 63
1592 'Sunburst Ruby' (Fasciculus hybrid) bright ruby-red to 40cm 181
1593 tenuis violet-purple 40-90cm 4 176
1594 uintahensis sky blue 5-15cm 79 173
1595 venustus lavender-violet/purplish 30-80cm 63 86
1596 virens deep blue-violet 10-40cm 72 111
1597 whippleanus dark wine purple 20-60cm 168
1598 whippleanus (ex Albany Co, WY) purple 20cm 140
1599 wilcoxii blue-purple 30-100cm 19
1600 **Persicaria virginiana** 'Painter's Palette' red flr/green-white-red lvs 45-60cm 135
1601 **Petrocallis pyrenaica** pale pink/lilac 5cm 36
1602 **Petrophytum caespitosum** white to 10cm 101 112
1603 **Petunia exserta** bright red 30-60cm 109
1604 **Peucedanum** (Kitagawia) terebinthaceum white 30-120cm 177
1605 **Phacelia campanularia** bright blue 10-70cm 61
1606 campanularia (dwarf form) cobalt blue 10-20cm 64
1607 sericea dark blue-purple flr/silvery silky lvs 10-60cm 87 150 173
1608 **Phemeranthus** (Talinum) brevifolius rose/lavender/white 6cm 54 154
1609 calcaricus rose-purple to 25cm 127
1610 calycinus pink/red-purple 25-40cm >
1611 parviflorus light pink-purple to 20cm 127
1612 thompsonii pink 15-50cm 54
1613 **Philadelphus satsumi** white 1.5-2.5m 195
1614 **Phlomis cancellata** white flr/felty lvs 10-15cm 164
1615 cashmeriana rose-pale purple flr/woolly lvs 40-80cm 87 177
1616 kurdica yellow flr/felty lvs 40cm 164
1617 lanata yellow flr/woolly grey lvs to 55cm 164
1618 'Le Sud' yellow flr/grey-felted lvs to 125cm 82
1619 samia dusky pink-brown to 1m 164
1620 **Phlomoideis bracteosa** rose/pinkish purple/violet 20-50cm 22
1621 oreophila purple 30-80cm 177
1622 **Phlox nana** bright pink 10-30cm 111
(Physaria < some formerly Lesquerella)
1623 **Physaria fendleri** orange-yellow 5-25cm 81
1624 ovalifolia yellow 5-25cm 37
1625 reediana pale green-yellow 2-4cm 65
1626 sp yellow flr/green lvs 20cm 174
1627 **Phyteuma charmelii** blue-violet 10-20cm 177
1628 hemisphaericum deep blue 3-30cm 29
1629 orbiculare deep blue-purple 20-50cm 194
1630 orbiculare white 20-50cm 162
1631 ovatum blue-violet 40-80cm 59
1632 scheuchzeri deep blue to 40cm 121 157
1633 scheuchzeri (cf) 2
1634 sp (mix of scheuchzeri, sieberi, hemisphaericum) blue 20-40cm 186
1635 **Phytolacca acinosa** white-yellowish greenish flr/purple black frt 50-150cm 106 158
1636 **Pinellia tripartita** whitish-light green 30-35cm 135
1637 **Plantago subulata** yellow 5-20cm 164
1638 **Platycodon grandiflorus** blue/purple 20-120cm 128 131
1639 grandiflorus (dwarf form) blue 10-30cm >
1640 grandiflorus (dwarf form) lavender-mauve 10-30cm 35
1641 grandiflorus (dwarf form) mix 10-30cm 174
1642 grandiflorus (dwarf form) pink 10-30cm 177
1643 grandiflorus (dwarf form) white 10-30cm 177
1644 grandiflorus (ex Siberia) 51
1645 **Platycrater arguta** white 50-300cm 38
(Plectranthus > see Isodon)
1646 **Plectritis congesta** bright pink-white 10-60cm 15
1647 **Plocama** (Putoria) calabrica pink 5-10cm 164
(Podophyllum > see Dysosma, Sinopodophyllum)
1648 **Polanisia** (Cleome) dodecandra white 10-60cm 21
1649 **Polemonium boreale** blue-purple flr/woolly-hairy lvs 10-20cm 28 108
1650 brandegeei pale yellow 10-30cm 157
1651 caeruleum white 45-60cm 49
1652 caeruleum (ex C Chadwell) violet-blue 50cm 171
1653 reptans blue-violet to 50cm 177
1654 viscosum blue-purple 10-30cm 173
1655 **Poliothyrsis sinensis** yellowish-white 7-15m 176
1656 **Pollia japonica** white flr/dark blue frt 30-90m 38 135
1657 **Polygonatum biflorum** white-greenish yellow 50-200cm 91
1658 kingianum (very fertile clone) red/green tips 50-100cm 38
1659 macranthum white-greenish 80-130cm 38
1660 multiflorum white flr/new lvs flushed purple 45cm 134
1661 multiflorum f ramosum white-green tip flr/branching stems 50-70cm 134
1662 sibiricum white 50-90cm 186
(Potentilla > see also Drymocallis < some formerly Sibbaldia)
1663 **Potentilla miyabei** yellow to 10 cm 3
1664 nana pale yellow 1-5cm 88
1665 nivea yellow flr/woolly lvs 5-25cm 36
1666 porphyrantha pink flr/silver lvs 5-15m >
1667 pulvinaris yellow 15cm 154
1668 pyrenaica yellow 20-40cm 34
1669 sp F&JK1098 (ex Albania, Mali i Polisit, Serpentine NE Pass) 51
1670 thurberi 'Monarch's Velvet' deep red/black center 30-60cm 169
1671 tonguei (x) apricot-yellow/red eye 10-15cm 43
1672 **Primula alpicola** cream 15-60cm 84
1673 alpicola mix 15-60cm 105
1674 alpicola purple 15-60cm 84
1675 alpicola violet/purple 15-60cm 137
1676 alpicola white 15-60cm 84
1677 auricula mix to 20cm 131
1678 auricula (ex wild collection) yellow 10cm 50
1679 beesiana purple ?90cm 84
1680 beesiana rose flr/farinose 20-50cm 105
1681 beesiana (syn burmanica) rose flr/efarinose lvs 20-50cm 53
1682 beesiana x florindae mixed colors 90cm 84
1683 bulleesiana (x) mix 45-60cm 81
1684 bulleesiana (x) yellow/gold 45-60cm 108
1685 capitata purple-blue 10-45cm 39 55
1686 elatior light yellow to 30cm 91 105 177
1687 firmipes yellow 10-40cm 55
1688 florindae orange 30-120cm 84
1689 florindae red/purple 30-120cm 84
1690 florindae salmon 30-120cm 84
1691 florindae white/orange 30-120cm 84
1692 florindae yellow 30-120cm 173
1693 forbesii pink 6-13cm 50
1694 Gold-laced Group dark mahogany/gold eye & edge to 20cm 190
1695 halleri lilac-violet 8-30cm 16 29
1696 incana lavender 2-46cm 29
1697 incana white 10-20cm 86
1698 japonica cerise 45-60cm 126
1699 japonica deep pink 45cm 3
1700 japonica mix 45-60cm 16 74 84
1701 japonica pink 45-60cm 55 83
1702 japonica pink shades 45-60cm 19 125
1703 japonica red 45-60cm 55 83
1704 japonica white 45-60cm 95 192
1705 japonica white/yellow eye 45-60cm 91
1706 japonica 'Miller's Crimson' dark red to 80cm 105
1707 jesoana rose-purple 20-40cm 1
1708 'MacWatt's Cream' cream 10-15cm 29
1709 marginata lavender-blue to 15cm 28
1710 matthioli purple-violet 20-25cm 105
1711 meyeri deep pink-purple 5-15cm 119
1712 munroi ssp munroi white 10-30cm 137
1713 obconica ssp werringtonensis pink/lavender-rose/white 5-20cm 105
1714 prolifera bright golden-yellow to 90cm 55
1715 pulverulenta rose-purple 25-100cm 157
1716 scandinavica purple-mauve 4-10cm 29
1717 sieboldii mix 12-25cm 86
1718 sieboldii pink shades 12-25cm 125
1719 sikkimensis yellow/cream 15-90cm 137
1720 veris yellow 8-30cm 97 125
1721 vialii rose red/violet-purple 20-45cm 120 190

Garden Collected

Primula-Salvia

- 1722 *Primula vulgaris* pale yellow 10-30cm 29
1723 *waltonii* pink-deep wine purple 18-70cm 137
(*Prometheum* < some formerly *Rosularia*, *Sedum*)
1724 *Prometheum sempervivoides* scarlet 7-20cm 54 101
1725 *Prosartes (Disporum) hookeri* cream 30-100cm 126
1726 *smithii* cream 30-100cm 31
1727 *Prospero* (*Scilla*) autumnale lilac/pink/bluish purple to 15cm 179 192
1728 *Psephellus* (*Centaurea*) bellus pink flr/silver-grey lvs 25-40cm 36 101
1729 *Pseudomuscari* (*Muscari*) azureum blue 4-15cm 163 177
1730 *pallens* pale blue-white 10-15cm 191
1731 *Pseudotrillium (Trillium) rivale* (moist packed) white/dark purple flecks 4-15cm 62
1732 *Ptelea trifoliata* 'Variegata' cream flr/gold variegated lvs 3-5m 189
1733 *Pterocephalus depressus* pink-mauve 5-10cm 88 177
1734 *perennis* pink-purple flr/grey-green lvs to 12cm >
1735 *pinardii* pink 4cm 54 107
1736 *Pterostyrax hispidus* white to 15m 189
1737 *Ptilostemon afer* lavender-purple flr/spiny lvs 20-100m 154
1738 *chamaepeuce* purple-pink flr/white downy lvs to 1m 164
(*Ptilotrichum* > see *Hormathophylla*)
1739 *Pulmonaria rubra* red 30-45cm 106
1740 *Pulsatilla albana* mix 10-30cm 55
1741 *alpina* ssp *apiifolia* cream 25-30cm 181
1742 *alpina* ssp *apiifolia* yellow 10-50cm 34 59 181
1743 *ambigua* dark violet 16-22cm 53 154 184
1744 *campanella* blue-violet 14-20cm 17 177
1745 *caucasica* (hort) yellow 20cm 52
1746 *cernua* 'Aurea' yellow 15-20cm 3
1747 *chinensis* violet 15-35cm 129
1748 *georgica* violet-blue/white 15-25cm 162 181
1749 *grandis* maroon 5-30cm 104
1750 *grandis* mauve-lavender 5-30cm 131
1751 *grandis* violet-purple 5-30cm 17 118 194
1752 *grandis* white 15-30cm 55
1753 *grandis* (ex Austria, Eichkogel 150m) 51
1754 *grandis* 'Papageno' mix double fringed 15-30cm 162
1755 *grandis* 'Papageno' mix fringed 15-30cm 94 118 162
1756 *halleri* ssp *slavica* white 10-22cm 17
1757 *halleri* ssp *styriaca* rose-purple 5-20cm 60
1758 *halleri* ssp *styriaca* 'Pink Dream' pink 20cm 51
1759 hybrid white/blue 20cm 194
1760 hybrids red 55 194
1761 *montana* dark blue-violet 10-30cm 53
1762 *nigricans* dark purple-black 15-30cm 194
1763 *patens* ssp *flavescens* milky-white/yellowish to 40cm 119
1764 *pratensis* ssp *bohemica* dark purple-black to 15cm 55 180
1765 sp blue 30cm 138
1766 *tatewakii* bright violet 15-25cm 195
1767 *vernalis* white/pink reverse 5-15cm 138
1768 *vulgaris* blue 15-40cm 138
1769 *vulgaris* dark red 15-40cm 9 28
1770 *vulgaris* maroon 15-40cm 104 180
1771 *vulgaris* mix 15-40cm 33 177 195
1772 *vulgaris* pale pink 15-40cm 87
1773 *vulgaris* purple 15-40cm 8 36 186
1774 *vulgaris* red 15-40cm 131
1775 *vulgaris* white 15-40cm >
1776 *vulgaris* (fringed) purple 15-30cm 69 129
1777 *vulgaris* (fringed) red 15-30cm 87
1778 *vulgaris* 'Rode Klokke' red 25cm 195
1779 *Puschkinia scilloides* 'Pyatigorsk' 107
1780 *Puya mirabilis* lime green 60cm/1.5m scape 16
1781 *Pyrrcoma crocea* bright yellow 18-80cm 177
1782 *Rabiea albipuncta* (ex Molteno, South Africa) 54
1783 *Raffenaldia primuloides* yellow/lilac/white 15cm 55
1784 *Ramonda myconi* deep violet 6-12cm >
1785 *myconi* 'Alborosea' white/pink 8cm 117
1786 *nathaliae* lilac/violet 8cm 60
1787 *serbica* lilac to 8cm 1 118
(*Ranunculus* > see also *Beckwithia*)
1788 *Ranunculus cortusifolius* yellow to 60cm 20
1789 *gramineus* yellow 30-45cm >
1790 *platanifolius* white 30-100cm 41
1791 *Rhamnus microcarpa* (ex Caucasus) black frt 10cm 199
1792 *Rhaponticum* (*Leuzea*) *coniferum* pink-purple flr/white-felted lvs 15-30cm 54 107
1793 *Rheum webbianum* pale yellowish 30-200cm 39
1794 *Rhodanthemum hosmariense* white flr/silver lvs to 30cm 68
1795 *Rhododendron atlanticum* white/flush pink 50-100cm 157
1796 *camtschaticum* white to 20cm 1
1797 *kusianum* rose-purple 45-60cm 186
1798 *Rhodohypoxis baurii* x *millioides* 1
1799 *Rhodothamnus chamaecistus* pink 20-40cm 137
1800 *Rohdea japonica* pale yellow flr/red frt 30-50cm 90
1801 *Romulea atrandra* pink-magenta/white 6-12cm 20
1802 *bulbocodium* violet-lilac/yellow/white 10-15cm 20
1803 *eximia* rose-red 8-15cm 46
1804 *flava* yellow/white to 15cm 191
1805 *nivalis* lilac 10cm 119
1806 *ramiflora* mauve to 15cm 20
1807 *subfistulosa* rose-pink/yellow eye 10-25cm 22
1808 *Rosa* sp (ex Halda very dwarf) pink 25cm 68
1809 *Roscoea alpina* purple-lilac 10-20cm 181
1810 *tibetica* (ex Yunnan) purple red 5-10cm 199
1811 *Rudbeckia fulgida* v *sullivantii* 'Goldsturm' yellow 60-90cm 189
1812 *hirta* mixed 30-100cm 115
1813 *laciniata* 'Herbstsonne' golden yellow to 2m 82
1814 *maxima* yellow to 2.5m 58 120
1815 *occidentalis* purple-brown cone center to 2m 43
1816 *triloba* yellow-orange to 1.5m 189
1817 *Ruellia* 'Green Beauty' (nv) light purple 15cm 65
1818 *humilis* lavender-lilac 30-60cm 80 189
1819 *humilis* x *strepens* hybrid (ex ZH2AL13-039b) purple 30cm 161
1820 *Ruta corsica* (ex JC Raulston Arboretum form) white 40cm 161
1821 *graveolens* yellow flr/blue-green lvs 60-90cm 6
1822 *Sabatia kennedyana* 'Juniper Creek' bright pink/white-yellow center to 75cm 161
1823 *Salpiglossis sinuata* mix 30-60cm 157
1824 *Salvia argentea* white flr/silver-grey woolly lvs 30-60cm 101 177
1825 *azurea* blue 90-150cm 2
1826 *caespitosa* white flr/grey-green lvs 5-15cm 64
1827 *canescens* v *daghestanica* purple flr/silver-white woolly lvs 10-30cm 177
1828 'Christine Yeo' purple-violet 60-75cm 50
1829 *chrysophylla* lilac/yellow lip 20-60cm 22 177
1830 *coccinea* scarlet/orange-red to 1m 65
1831 *coccinea* 'Coral Nymph' white/coral pink 40-70cm 189
1832 *coccinea* 'Lady in Red' red 50-60cm 189
1833 *cyanescens* violet-blue flr/velvety grey-green lvs 30-90cm 177
1834 *dorrii* blue-purple flr/grey-green lvs 30-90cm 101
1835 *forsskaolei* violet blue/white streak 60cm >
1836 *glutinosa* pale yellow/maroon speckled 40-60cm 151
1837 *henryi* bright red flr/grey lvs to 30cm 37
1838 *jurisicii* violet-lavender to 30cm 139
1839 *lyrata* 'Purple Knockout' lavender flr/deep burgundy lvs 45-60cm 177
1840 *microphylla* hybrid (hardy) 177
1841 *nilotica* bluish-purplish/pink/white 20-120cm 47
1842 *patens* blue 30-60cm 126
1843 *patens* 'Blue Angel' blue 60cm 189
1844 *pentstemonoides* (ex Native American Seed Co) cherry-red 90-150cm 161
1845 *phlomoides* violet-white flr/white woolly lvs to 45cm 177
1846 *phlomoides* (ex Tislit, Morocco, Atlas Mtns 1981m) 153
1847 *quezelii* white-cream/lilac spot 15-20cm 100
1848 *recognita* pale pink flr/grey hairy lvs 60-90cm 177
1849 *reflexa* (PI) pale-dark blue 10-70cm 177
1850 *ringens* violet-blue to 60cm 22
1851 *roemeriana* scarlet to 30cm 100
1852 *runcinata* white/lilac/purple to 45cm 47
1853 *sclarea* white 90-120cm 67

Garden Collected

- 1854 **Salvia** sclarea v turkestanica (hort) white/pink tinged to 1m 82 177
 1855 staminea off-white/cream to 75cm 177
 1856 superba (x) blue 45cm 15
 1857 transsylvanica lavender blue 60-90cm 177
 1858 verticillata lavender to 90cm 82
 1859 **Sambucus** nigra 'Black Lace' pink flr/dark purple lvs/blackish red frt to 2.4m 186
 1860 **Sanguinaria** canadensis white 15-40cm 156
 1861 canadensis (moist packed) white to 40cm 149 186
 1862 **Sanguisorba** minor greenish-reddish purple 40-75cm 177
 1863 officinalis red-purple 30-120cm 106
 1864 tenuifolia v alba white to 1.5m 130
 1865 **Saponaria** caespitosa purplish-pink 5-15cm >
 1866 cypria pink to 15cm 100
 1867 pumilio pink-purple 1-5cm 87
 1868 **Sarracenia** hybrid (vigorous) 15-60cm 81
 1869 rubra green-maroon pitcher/maroon-red flr 12-75cm 180
 1870 **Saruma** henryi soft yellow 45-60cm 126
 1871 henryi (moist packed) soft yellow 40-60cm 11 186
 1872 **Satureja** spicigera white 5-10cm 100
 1873 **Sauromatum** venosum purplish brown-yellowish mottled spathe 20-100cm 196
 1874 **Saussurea** alpina purplish red 20-70cm 67
 1875 iodostegia purple 10-80cm 194
 (Saxifraga > see also Micranthes)
 1876 **Saxifraga** 'April Blush' (granulata x mossy) pink 8cm 48
 1877 cespitosa (ex Iceland) white 5cm 29
 1878 cochlearis 'Minor' white 10-20cm 55 119
 1879 cotyledon white 30-60cm 63 177
 1880 crustata off white/cream to 30cm 118
 1881 fortunei 'Akibare' ruby-red 24-40cm 197
 1882 fortunei 'Beni No Taki' red 24-40cm 197
 1883 fortunei v alpina (hort) pink 25-40cm 197
 1884 hostii white 20-60cm 177
 1885 hypnoides (dwarf mossy) white 177
 1886 longifolia white 10-70cm 105
 1887 longifolia x callosa 177
 1888 luteo-purpurea (x) (ex Pyrenees) 51
 1889 marginata v rocheliana white-pink 12cm 72
 1890 oppositifolia pink-purple 2cm 60 67
 1891 paniculata white-cream to 30cm 33 34 177
 1892 paniculata (giant form) 177
 1893 paniculata 'Foster's Red' dark red 5-20cm 177
 1894 paniculata 'Lutea' pale yellow to 30cm 177
 1895 paniculata 'Minutifolia' white 5cm 34 63
 1896 paniculata 'Rex' cream-white flr/red stems 20-25cm 177
 1897 stribnyi dark purple to 12cm 55
 1898 vespertina white-cream/spotted 2.5-12cm 55
 1899 'Whitehill' white 20-30cm 29
 1900 **Scabiosa** africana mauve 30-100cm 188
 1901 atropurpurea burgundy/white stamens 40-60cm 61
 1902 columbaria blue-purple 30-60cm 84
 1903 columbaria mix 30-60cm 129
 1904 drakensbergensis white/pinkish to 125cm 129
 1905 graminifolia lilac-blue 20-30cm 32
 1906 japonica pink 50cm 10
 1907 japonica 'Ritz Blue' blue-lilac 10-20cm 88 89 132
 1908 japonica v alpina lavender-blue 20cm 147
 1909 lucida lilac-blue/pink 15-30cm 103
 1910 ochroleuca cream-yellow 60-90cm 132
 1911 sp white 75cm 33
 1912 stellata pale blue flr/papery seed head 45-90cm 144
 1913 vestina purple 10-30cm 25
 1914 **Schisandra** chinensis white flr/red frt to 8m 38
 1915 **Schivereckia** podolica white to 25cm 87
 1916 **Schizocodon** (Shortia) intercedens white 10-30cm 1
 1917 **Schlumbergera** gaertneri pink 20cm 70
 (Scilla > see also Barnardia, Fessia, Prospero)
 1918 **Scilla** amoena blue 10-30cm 117
 1919 litardierei blue-violet 15-20cm 32 63 68
 1920 **Scilla** monophyllos deep blue 5-15cm 30
 1921 peruviana violet-blue 15-40cm 128
 1922 verna violet-blue 5-15cm 63
 1923 **Scopolia** carniolica f hladnikiana greenish yellow to 60cm 117
 1924 **Scrophularia** macrantha bright red 40-110cm 177
 1925 vernalis yellowish green 20-80cm 106 139
 1926 **Scutellaria** alpina blue-violet/purple-white 10-30cm 36 186
 1927 altissima blue-violet/purple 30-60cm 190
 1928 baicalensis red-purple/blue-purple 30cm 87 164
 1929 diffusa pale pink-coral pink 5-15cm 47
 1930 incana blue-purple 60-90cm 21 57
 1931 indica v parvifolia blue-purple 8-16cm 6
 1932 oreophila pale yellow 12-20cm 41
 1933 orientalis yellow flr/grey woolly lvs to 30cm 101
 1934 orientalis ssp pinnatifida yellow flr/grey lvs 5-15cm 177
 1935 parvula v leonardii blue-violet 7-20cm 5
 1936 resinosa deep violet-blue flr/grey-green lvs 10-20cm 101 177
 1937 suffrutescens 'Texas Rose' rose-red 10-15cm 68
 1938 **Sedum** anacampseros red-purple 10-30cm 96
 1939 hybridum (ex Kazakhstan) yellow 15cm 177
 1940 kamtschaticum yellow to 15cm 21
 1941 kamtschaticum 'Weihenstephaner Gold' yellow-pinkish flr/silvery grey-green lvs 7.5-10cm 121
 1942 lanceolatum yellow 3-18cm 87
 1943 litorale yellow to 30cm 177
 1944 niveum white/pink streaks to 5cm 177
 1945 populifolium white-pale pink tinged 15-45cm 139
 1946 rupestre (ex Appenines, Italy) yellow flr/blue lvs 177
 1947 rupestre ex 'Angelina' yellow flr/golden lvs 10-15cm 186
 1948 spathulifolium yellow 3-14cm 63 177
 1949 stelliforme white tinged purple 5-12cm 161
 1950 tatarinowii white-pinkish 8-15cm 177
 1951 **Seemannia** nematanthodes red-orange 30cm 81
 (Sempervivum < some formerly Jovibarba)
 1952 **Sempervivum** arachnoideum bright rose-red to 8cm 177
 1953 'Beautiful' white-red flr/red-brown tipped lvs 2-15cm 186
 1954 calcareum 'Mrs. Giuseppi' pale pink flr/red-tipped lvs to 10cm 177
 1955 heuffelii pale yellow 7-20cm 117
 1956 hybrids mixed 136
 1957 wulfenii lemon yellow 15-25cm 177
 1958 **Senecio** abrotanifolius yellow-orange red 10-40cm 59
 1959 oxyriifolius pale-golden yellow 40-110cm 46
 1960 **Senna** hebecarpa yellow 50-200cm 116
 1961 marilandica yellow 90-180cm 189
 1962 **Serratula** tinctoria ssp seoanei pinkish-purple 25-30cm 169
 1963 **Seseli** gummiferum white-pink tinged flr/grey lvs to 90cm 187
 1964 sp (tall thread-leaf) 177
 1965 **Sesleria** heufferiana 30-70cm 97
 (Shortia > see also Schizocodon)
 1966 **Shortia** uniflora pink 6-13cm 1
 1967 **Sidalcea** oregana ssp hydrophila bright pink 30-90cm 48
 1968 **Sideritis** incana yellow flr/woolly lvs 20-40cm 164
 (Silene < some formerly Lychnis)
 1969 **Silene** alpestris white 12-20cm 55 74 157
 1970 asterias carmine red to 50cm 63
 1971 atropurpurea deep pink-purple 40-60cm 33
 1972 baccifera greenish-white flr/black frt 50-150cm 106
 1973 chalconica orange 35-100cm 142
 1974 compacta dark pink-purple 20-70cm 1
 1975 coronaria magenta-pink flr/grey felted lvs 40-100cm 112 177 189
 1976 coronaria white 40-100cm 49
 1977 dioica bright pink 30-60cm 67 166 189
 1978 flos-cuculi pink 20-90cm 130
 1979 flos-cuculi (dwarf congested form) rose-pink to 10cm 84
 1980 flos-jovis mix 30-45cm 117
 1981 flos-jovis pink 30-45cm 157 181
 1982 hookeri pink 5-14cm 33 45
 1983 keiskei white 5-20cm 79
 1984 nutans white 20-40cm 36
 1985 ovata white 30-150cm 161

Silene-Triteleia

- 1986 **Silene** regia red 50-160cm 45 80
1987 schafta rose-pink to 25cm 177 199
1988 serpenticola scarlet red 4-15cm 55
1989 sp (hybrid) pink 10cm 63
1990 suecica bright pink 5-35cm 16 87 121
1991 suksdorfii off-white/tinged purple 3-15cm 36
1992 uniflora 'Compacta' white-light pink flr/grey-green lvs 10-15cm >
1993 viscaria rose pink/purple 30-60cm 79
1994 zawadskii white 15-30cm 36 41 180
1995 **Silphium** asteriscus v simpsonii yellow 25-110cm 113
1996 laciniatum yellow 1-3m 91 176 177
1997 **Silybum** marianum red-purple flr/white veined lvs 30-200cm 172
1998 **Sinojackia** xylocarpa white to 7m 38
1999 **Sinopodophyllum** hexandrum mix 15-60cm 2 63 195
2000 hexandrum pale pink flr/mottled lvs 15-60cm 168
2001 hexandrum pink 15-60cm 49
2002 **Sisyrinchium** angustifolium blue to 45cm 97 158
2003 bellum white 38cm 165
2004 californicum yellow 5-40cm 157
2005 macrocarpum yellow/brown ring to 20cm 168 177
2006 palmifolium yellow 30-60cm 161
2007 patagonicum yellow/brown throat 10-30cm 98 157
2008 **Soldanella** montana blue-lilac to 15cm 29
(Solidago < some formerly Aster)
2009 **Solidago** caesia yellow 35-80cm 176
2010 nana yellow 10-50cm 103
2011 odora yellow 60-120m 139
2012 ptarmicoides white 10-40cm 74
2013 virgaurea yellow 5-60cm 67
2014 **Sophora** flavescens white-pale yellow 1-2m 38
2015 **Sorbus** filipes crimson flr/dark red frt 1.5-4.5m 55
2016 fruticosa (hort) white flr/white frt 1.5-2m 193
2017 **Sparaxis** variegata violet/yellow 15-30cm 70
2018 villosa cream-yellow/violet-purple 12-35cm 70
2019 **Sphaeromeria** capitata yellow flr/grey woolly lvs 5-20cm 177
2020 **Spiloxene** serrata white 6-30cm 70
2021 **Sporobolus** heterolepis 30-70cm 151 187
2022 **Stachys** citrina lemon yellow flr/white woolly lvs 12-35cm 177
2023 lavandulifolia mauve-purple woolly flr/grey-green lvs 15-25cm 94
2024 officinalis 'Nana' white 10cm 6
2025 spathulata rose-purple 7-25cm 85 101 169
2026 **Stanleya** pinnata yellow 30-120cm 168
2027 **Stewartia** pseudocamellia white 10-15m 2 102 195
2028 **Stylophorum** diphyllum yellow to 50cm 168
2029 diphyllum (moist packed) yellow to 50cm 75
2030 lasiocarpum yellow 30-50cm 139
2031 **Styrax** japonicus white 4-8m 124
2032 obassia white 10-14m 57 65 124
2033 **Succisa** pratensis (dwarf form) violet-blue 5-15cm 100
2034 **Symphotrichum (Aster)** oblongifolium rose/lavender/deep purple 10-80cm 2
2035 **Syneilesis** aconitifolia pink-white 70-120cm >
2036 palmata white 45-60cm 179 189
(Talinum > see also Phemeranthus)
2037 **Talinum** 'Kingwood Gold' pink flr/chartreuse lvs 45-60cm 189
(Tanacetum < some formerly Chrysanthemum, Pyrethrum)
2038 **Tanacetum** albipannosum white flr/silver lvs 35cm 177
2039 armenum white to 10cm 101 177
2040 aureum yellow flr/grey-green lvs 27-37cm 164
2041 corymbosum white 30-120cm 177
2042 corymbosum (ex country of Georgia) white 90cm 171
2043 macrophyllum white 30-90m 177
2044 parthenium 'Aureum' white flr/chartreuse lvs to 30cm 12
2045 **Taraxacum** albidum white to 40cm 89
2046 faeroense yellow flr/red-black lvs to 15cm 134
2047 pseudoroseum pink/yellow center 10-20cm 160
2048 **Tecophilaea** cyanocrocus mixed forms to 10cm 52
2049 violiflora blue/lilac/purple/white 15-30cm 52
2050 **Telesonix** (Boykinia) jamesii crimson-purple 6-18cm 177
2051 **Tellima** grandiflora greenish white-pinkish red 40-90cm 45 74 120
2052 **Tetranneuris** (Hymenoxys) herbacea yellow 6-35cm 177
2053 **Teucrium** botrys pink-purple 10-30cm 177
2054 flavum yellow 30-60cm 47
2055 hircanicum deep purple-reddish 45-60cm 47 139
2056 orientale lilac-blue 20-50cm 62
2057 subspinosum red purple-pink flr/white woolly stems 10cm 177
2058 **Thalictrum** aquilegifolium lilac-purple to 90cm 139
2059 dasycarpum white 40-150cm 154
2060 delavayi white/pink to 2m 77
2061 flavum ssp glaucum yellow flr/blue-green lvs 60-150cm 88 89
2062 heliophilum blue-grey lvs 14-50cm 177
2063 isopyroides greenish flr/blue-grey lvs 15-50cm 120
2064 minus greenish-yellow/purple-tinted 30-90cm 177
2065 minus 'Adiantifolium' creamy yellow 30-90cm 154
2066 rochebruneanum lavender-purple 120-180cm >
2067 rochebruneanum 'Lavender Mist' lavender-purple flr/dark stems to 1.8m 23
2068 speciosissimum yellow flr/blue-grey lvs 90-150cm 104
2069 tuberosum cream to 40cm 184
2070 **Thermopsis** lupinoides yellow 50-80cm 177
2071 villosa yellow 90-150cm 189
(Thlaspi > see Noccaea)
2072 **Thymus** seravschanicus pinkish lilac 4-6cm 54
2073 **Tigridia** vanhouttei cream/purple-brown veins to 70cm 146
2074 **Tithonia** rotundifolia orange-red 120-180cm 24
2075 **Townsendia** excapa white 1-3cm 71
2076 glabella lavender 1-5cm 111
2077 glabella white 1-5cm 37
2078 hookeri white 1-3cm 55 101 107
2079 hookeri white/pink 1-3cm 101
2080 hookeri white/yellow 1-3cm 170
2081 incana (cf) 60
2082 'Jeannie's Purple' lavender-purple 2.5cm 27
2083 leptotes white-pinkish 1-3cm 131
2084 montana mix 2cm 100 131
2085 montana pink 2cm 157
2086 montana violet 2cm 36
2087 parryi blue-purplish 5-12cm 101
2088 rothrockii blue-purplish 1-3cm 101
2089 rothrockii lilac/mauve 1-3cm 48
2090 rothrockii white/purple 1-3cm 173
2091 rothrockii white/yellow 5-10cm 170
2092 sp white 5-10cm 108
2093 spathulata white-pinkish 1-2cm 162
(Trachelium > see Campanula)
2094 **Tradescantia** tharpaii pink to 20cm 177
2095 **Tricyrtis** ex 'Angel's Halo' white/lilac spots to 1m 2
2096 hirta white/purple spots 60-90cm 189
2097 latifolia yellow/reddish spots 40-100cm 95
2098 'White Towers' white 30-75cm 189
2099 **Trifolium** repens 'Dragon's Blood' white flr/green-white-red splashed lvs 10cm 70
(Trillium > see also Pseudotrillium)
2100 **Trillium** chloropetalum red 20-65cm 190
2101 cuneatum (moist packed) maroon to 45cm 186
2102 erectum red/maroon-dark purple 15-60cm 99 195
2103 erectum (moist packed) red/maroon 15-60cm 186
2104 flexipes hybrid (moist packed) red flr/white ovary 20-50cm 186
2105 flexipes x sulcatum 99
2106 grandiflorum white 15-30cm 73 151
2107 grandiflorum (moist packed) white 15-30cm 186
2108 luteum (moist packed) greenish-lemon yellow 15-40cm 186
2109 parviflorum white 17-30cm 126
2110 parviflorum x kurabayashii white 17-30cm 99
2111 recurvatum (moist packed) dark maroon purple-yellow 15-48cm 186
2112 sessile x luteum (moist packed) coppery-maroon 2
2113 sp (sessile type) (moist packed) dark maroon/fragrant 20cm 186
2114 sulcatum (moist packed) maroon 30-70cm 157
2115 **Triteleia** (Brodiaea) hendersonii yellow-white fades to blue 10-35cm 99
2116 laxa (giant form) lavender 80cm 18

Garden Collected

- 2117 **Trollius chinensis** 'Golden Queen' orange-yellow 60-90cm 45
- 2118 **hondoensis** yellow-orange 40-100cm 62 157
- 2119 **ircuticus** orange-yellow 20-60cm 81
- 2120 **pumilus** yellow to 25cm 138
- 2121 **Tropaeolum azureum** sky-blue/white 60-100cm 52
- 2122 **polyphyllum** yellow flr/blue-grey lvs 20cm 190
- 2123 **speciosum** scarlet to 3m 83
- 2124 **Tulipa clusiana** white/red-pink 15-30cm 118
- 2125 **clusiana** 'Cynthia' pale yellow/pink-red reverse to 30cm 118 163
- 2126 **clusiana** f **cashmeriana** white/red-pink reverse 15-30cm 96
- 2127 **clusiana** v **chrysantha** yellow/red reverse 13-30cm 119
- 2128 **cretica** white/pink 5-10cm 60
- 2129 **humilis** lilac-pink/yellow base to 20cm 184
- 2130 **kaufmanniana** mix 15-25cm 8
- 2131 **linifolia** red 10-20cm 63
- 2132 **sprengeri** bright red/scarlet 20-40cm >
- 2133 **sylvestris** yellow to 45cm 32
- 2134 **tarda** yellow/white tips 5-20cm 79
- 2135 **vvedenskyi** (x) 'Goldmine' dark yellow-dark base flr/striped lvs to 25cm 107
- 2136 **Uvularia grandiflora** yellow 20-75cm 62
- 2137 **grandiflora** (moist packed) yellow 20-75cm 186
- 2138 **Vancouveria hexandra** (moist packed) white 8-30cm 186
- 2139 **Veratrum formosanum** dark purple 30cm 177 187
- 2140 **lobelianum** (ex Sarajevo) yellow 100cm 59
- 2141 **nigrum** black-purple to 1m 177
- 2142 **viride** deep green-yellow 50-200cm 31
- 2143 **Verbascum arcturus** yellow w/purple stamens/woolly lvs 30-70cm 144 173
- 2144 **blattaria** 'White Blush' (PI) white-pale pink/deep purple stamens to 100cm 54
- 2145 **bombyciferum** yellow flr/grey-white felted lvs 150-180cm 177
- 2146 **chaixii** 'Album' white/purple center to 1m 123
- 2147 **nigrum** yellow 50-150cm 122
- 2148 **roripifolium** yellow to 1.2m 177
- 2149 **sinuatum** yellow to 1m 177
- 2150 **sp** mixed white/purple 60cm 28
- 2151 **Verbena hastata** blue-violet 35-150cm 139
- 2152 **stricta** blue-purple flr/grey-green lvs 60-120cm 139
- 2153 **Vernonia arkansana** pink-purple 80-120cm 113
- 2154 **gigantea** purple 80-200cm 113
- 2155 **larseniae** purple flr/silver woolly lvs 70-100cm 177
- 2156 **noveboracensis** purple 80-120cm 180
- (Veronica < some formerly Besseyia, Wulfenia)
- 2157 **Veronica allionii** deep blue-violet 5-15cm 15 89
- 2158 **bachofenii** blue 20-30cm 139
- 2159 **bullii** cream-pale yellow 15-30cm 5
- 2160 **fruticans** dark blue 5-10cm 34
- 2161 'Giles van Hees' reddish-pink 7-15cm 169
- 2162 **Veronicastrum virginicum** white 80-200cm 139
- 2163 **Viburnum nudum** 'Brandywine' white flr/pink-blue frt to 180m 189
- 2164 **sieboldii** cream flr/red-black frt 4-6m 135
- 2165 **Viola biflora** yellow 3-20cm 3
- 2166 **calcarata** violet/blue/yellow 5-15cm 42
- 2167 **cornuta** violet-blue 20-30cm 29
- 2168 **crassa** ssp **borealis** yellow 5-10cm 3
- 2169 **elatior** light blue 20-50cm 8
- 2170 **kamtschadalarum** pale violet-purple 20-30cm 3
- 2171 **Wahlenbergia undulata** bluish mauve-pale blue/white to 60cm 167
- 2172 **Wulfenia carinthiaca** deep violet-blue 20-30cm 157
- 2173 **Xanthisma (Aster) coloradoense** pink-purple 2.5-14cm 54
- (Zauschneria > see Epilobium)
- (Zephyranthes < some formerly Cooperia > see also Habranthus)
- 2174 **Zephyranthes drummondii** white 12-40cm 4 40 56
- 2175 'Grand Jax' light pink 175
- 2176 **katherinae** red 10cm 17
- 2177 **Labuffarosa** Group mix 175
- 2178 **macrosiphon** Hidalgo Form deep pink 25cm 135
- 2179 **morrisclintii** rose pink 25cm 40
- 2180 **sp** (ex Jacala, Mexico) wine-red 40
- 2181 **sp** (ex Tamaulipas, Mexico) white 30cm 188
- 2182 **Zinnia grandiflora** yellow 8-22cm 87 177
- 2183 **Zizia aurea** yellow 40-75cm >

Acantholimon-Cornus

- 3001 **Acantholimon** aulieatense pink 5-8cm
3271 sp
3002 **Actaea** pachypoda
3003 podocarpa
3004 rubra
3005 rubra white 75cm
3006 **Adonis** ramosa
3007 **Agastache** occidentalis lavender-blue 50-65cm
3008 **Agave** parryantha (x) (parryi x chrysantha) yellow 60cm
3009 **Agoseris** glauca yellow 30cm
3010 **Allium** acuminatum rose-violet 15cm
3011 aflatunense pink 1m
3012 caeruleum bright blue 40cm
3013 cernuum pink/purple/white 30cm
3014 nevii lavender-pink 15cm
3015 rosenbachianum dark violet 20cm
3016 sarawschanicum violet 35cm
3017 stellatum 30-60cm
3018 stipitatum rose-red 30cm
3019 suworowii violet 35cm
3020 **Androsace** ovczinnikovii white 3-7cm
3021 **Andryala** ragusina yellow 30cm
3022 **Anemonastrum** protractum white 20-30cm
3023 **Anemone** multifida white 35cm
3024 virginiana white 1m
3025 **Angelica** archangelica green 100cm
3026 arguta white 100cm
3027 **Anthyllis** vulneraria ssp lapponica yellow 7cm
3028 **Antirrhinum** majus purple 50cm
3029 multiflorum rose-red/tan 50-75cm
3030 **Arabidopsis** lyrata white 20cm
3031 **Arisaema** triphyllum
3032 triphyllum
3033 triphyllum green 50cm
3034 triphyllum green/brown/purple 75cm
3035 **Armeria** arenaria pink
3036 **Artemisia** michauxiana silver 30cm
3037 **Asclepias** tuberosa yellowish orange 75cm
3038 **Bouteloua** curtipendula 60cm
3039 hirsuta 20cm
3040 **Boykinia** major white 70cm
3041 **Callianthemum** alatavicum pinkish 5-10cm
3042 **Calochortus** amabilis yellow 25cm
3043 venustus bright rose-violet 20-25cm
3044 **Caltha** leptosepala white 20cm
3045 **Camassia** leichtlinii blue
3046 quamash blue
3047 **Carex** atrata brown 30cm
3048 pensylvanica
3049 **Castilleja** hispida red 40cm
3050 liniifolia 30cm
3051 miniata red 30cm
3052 miniata red 40cm
3053 **Catananche** caerulea purple 40cm
3054 **Caulophyllum** thalictroides
3055 **Chimaphila** maculata
3056 maculata
3057 **Chorispora** macropoda yellow 2-8cm
3058 **Chrysopsis** mariana yellow 30cm
3059 **Cistus** creticus pink 60cm +
3060 **Clarkia** speciosa ssp polyantha rose-pink/red-violet splotch 20-30cm
3061 **Clematis** cirrhosa cream 1.5m
3062 columbiana v columbiana purple 30cm
3063 occidentalis light blue 100cm
3064 virginiana white 3.6m
3272 **Colchicum** kesselringii
3065 **Colutea** arborescens yellow 2m
3273 **Convolvulus** tragacanthoides
3066 **Cornus** canadensis white 15cm
Kyrgyzstan: Chatkal AT / 2200m 199
Kyrgyzstan: Talas Oblast 1500m 200
Connecticut: Ivy Mtn, Goshen 166
Virginia: New River, Grayson Co 127
Connecticut: Ivy Mtn, Goshen 166
Oregon: Scar Mtn / 1463m 159
Japan: Kanuma 197
Washington: E Cascade Range, Yakima Co 198
Arizona: Yavapai Co 161
Oregon: Mt Bachelor / 1829m 159
Washington: E Cascade Range, Yakima Co / 1037m 198
Kyrgyzstan: Fergana Ridge / 1860m 199
Kyrgyzstan: Fergana Ridge / 1890m 199
Pennsylvania: Allegheny Co 160
Washington: Wenatchee Mtns, Kittitas Co / 1908m 198
Tajikistan: Pamir 42
Tajikistan: Fann Mtns 42
Minnesota: Big Stone Co 154
Tajikistan: Darvaz 42
Russia: Ufa, Ural Mtns 42
Kyrgyzstan: Moldo Tau / 2800m 199
Portugal: South 164
Kyrgyzstan: Chatkal AT / 1860m 199
Washington: Gallagher Head Lake 31
Michigan: Kent Co 151
Norway: Lodingen / 240m 138
Oregon: Coffin Mtn / 1524m 159
Norway: Harstad / 10m 138
France: Gard 164
California: Santa Lucia Mtns, Monterrey Co / 1367m 198
Pennsylvania: Beaver Co 160
Connecticut: Southeast 174
Virginia: New River, Grayson Co 127
New Jersey / 91m 90
Pennsylvania: Allegheny Co 160
France: Sainte Victoire 164
Canada: Princeton, BC 170
Pennsylvania: Allegheny Co 160
Minnesota: Big Stone Co 154
Minnesota: Big Stone Co 154
Oregon: Scar Mtn / 1341m 159
Kyrgyzstan: Talas Ala Tau / 3100m 199
California: Ukiah 26
California: Greenhorn Mtns, Kern Co / 1667m 198
Canada: Osprey Lake, BC 170
Canada: Victoria, BC 98
Canada: Victoria, BC 98
Norway: Harstad, seaside 138
Massachusetts: Harwich 74
Montana: John Long Mtns, Granite Co 123
Colorado: San Miguel Co 37
Canada: Erris, BC 170
Oregon: Scar Mtn / 1463m 159
France: Gard 164
Virginia: New River, Grayson Co 127
Connecticut: Franklin 2
Connecticut: Southeast 174
Kyrgyzstan: Central Kyrgyz AT / 3100m 199
North Carolina: Guilford Co 102
Israel: Judaen Hills 157
California: Greenhorn Mtns, Kern Co / 1677m 198
Spain: Andalusia near Montejaque 65
New Mexico: Sandia Crest / 2987m 152
Montana: Lake Koocanusa 31
New York: Ashville 57
Kyrgyzstan: Jalal-Abad Oblast 3000m 200
France: Gard 164
Kyrgyzstan: Lake Issyk-Kul 200
Canada: Haliburton, ON 192

Wild Collected

Crataegus-Liatris

- 3067 **Crataegus** azarolus white tree
3068 **Daphne** kosaninii pink 35cm
3069 **Dasyilirion** wheeleri tan 100cm
3070 **Delphinium** lineapetalum blue-violet/white 15-25cm
3071 multiplex dark blue-violet 50-75cm
3072 nuttallianum blue-purple 15-20cm
3073 **Diplacus** (Mimulus) grandiflorus yellow-gold to pale orange 30-50cm
3074 **Dodecatheon** conjugens v conjugens rose-violet 5-10cm
3075 hendersonii pink
3076 pulchellum purple 15cm
3077 **Dracocephalum** paulsenii blue 5-8cm
3078 **Dryas** integrifolia
3079 **Ehrendorferia** (Dicentra) chrysantha dark yellow 1m
3080 **Ephedra** fedtschenkoae red cones 5cm
3081 torreyana yellow/green 50cm
3082 **Epilobium** ciliatum ssp glandulosum pink 20cm
3083 **Eranthis** pinnatifida
3084 **Eremurus** altaicus creamy 150cm
3274 sp (dwarf)
3275 tianschanicus
3085 **Eriastrum** densifolium v elongatum bright lavender-blue 20-30cm
3086 **Ericameria** bloomeri yellow 30cm
3087 **Erigeron** compactus white 4cm
3088 **Eriogonum** heracleoides v leucophaeum pink/white dwarf form 15-20cm
3089 **Eritrichium** tianschanicum white 5-10cm
3090 **Erythronium** grandiflorum yellow 25cm
3091 grandiflorum ssp grandiflorum yellow 30cm
3092 oregonum cream
3093 oregonum cream 25cm
3094 revolutum violet-pink 15-40cm
3095 **Eucephalus** (Aster) ledophyllus purple 50cm
3097 **Eurybia** (Aster) macrophylla white 45-60cm
3096 macrophylla white 25-30cm
3098 **Eutrochium** (Eupatorium) fistulosum pink 120cm
3099 **Ferocactus** sp 150cm
3100 **Frasera** albicaulis pale blue 40cm
3101 speciosa green/white 150cm
3102 speciosa white/purple specks 100-150cm
3103 **Fremontodendron** californicum dark yellow 2m
3104 **Fritillaria** affinis
3105 affinis brown-red 30cm
3106 affinis chocolate
3107 affinis tan 30cm
3108 atropurpurea white/brown checkered 50cm
3109 pudica bright yellow 5-10cm
3110 purdyi brown/yellow 10cm
3111 ruthenica dark purple 50cm
3112 **Gillenia** trifoliata white 40cm
3113 **Gladiolus** dubius purple 30cm
3114 **Hedysarum** alpinum purple 45cm
3115 **Helleborus** viridis green 25cm
3116 **Hesperoyucca** whipplei cream-white 2-3m scapes
3117 **Heterotheca** villosa v villosa yellow 15cm
3118 **Heuchera** cylindrica cream 50cm
3119 cylindrica v alpina pale yellow 10-15cm
3120 **Hosackia** (Lotus) crassifolia purple 100cm
3121 **Hymenothrix** (Bahia) dissecta yellow 45cm
3122 **Hypericum** hirsutum
3123 **Hypoxis** hirsuta yellow 10-15cm
3124 **Iris** alberti pale blue 20-40cm
3276 alberti
3125 missouriensis purple 40cm
3477 sp (Juno)
3126 **Juniperus** deppeana 10-15m
3127 oxycedrus tree
3128 **Keckiella** breviflora v breviflora cream-pink, rose-purple lined 50-100cm
3129 **Leontopodium** kurilense silver 15cm
3278 ochroleucum
3130 **Liatris** cylindracea purple 15-45cm
France: Gard 164
Bulgaria: South-West 42
Arizona: W of Apache Junction 161
Washington: Wenatchee Mtns, Kittitas Co / 1860m 198
Washington: Wenatchee Mtns, Kittitas Co / 1860m 198
Washington: E Cascade Range, Yakima Co / 1742m 198
California: Santa Lucia Mtns, Monterrey Co / 1367m 198
Washington: Wenatchee Mtns, Kittitas Co / 1900m 198
Canada: Victoria, BC 98
Colorado: Vail 173
Kyrgyzstan: Moldo Tau / 2800m 199
Canada: Cape Norman, NL 34
California: Breckenridge Mtns, Kern Co / 1493m 198
Kyrgyzstan: Talas Ala Tau / 1700m 199
Colorado: Rangely 37
Ohio: Vinton Co 5
Japan: Kanuma 197
Kyrgyzstan: Talas Ala Tau / 1580m 199
Kyrgyzstan: Fergana 1800m 200
Kyrgyzstan: Jalal-Abad Oblast 1500m 200
California: S Sierra Nevada, Kern Co / 1614m 198
Oregon: Mt Bachelor / 1829m 159
Utah: Emery Co 37
Washington: Wenatchee Mtns, Kittitas Co / 1900m 198
Kyrgyzstan: Fergana Ridge / 3050m 199
Colorado: Pitkin Co 37
Washington: E Cascade Range, Yakima Co / 1704m 198
Canada: Victoria, BC 98
Canada: Victoria, BC 99
Canada: Campbell River, Vancouver Island, BC 98
Oregon: Coffin Mtn / 1707m 159
Maine: Jackson 49
Michigan: Kent Co 151
North Carolina: Watauga Co 102
Arizona: Mazatzal Mtns 161
Montana: John Long Mtns, Granite Co 123
Colorado: San Miguel Co 37
Washington: E Cascade Range, Yakima Co / 1723m 198
Arizona: Mazatzal Mtns, Gila Co / 1794m 198
Washington: Cowlitz Co 30
Washington: Cowlitz Co 19
Canada: Ruxton Island, BC 98
California: Ukiah 26
Idaho: Bitterroot Mtns 123
Washington: E Cascade Range, Yakima Co / 1704m 198
California: Mendocino Pass 26
Caucasus 42
Ohio: Vinton Co 5
France: Gard 164
Maine: St Francis 152
Spain: Cantabrian Mtns 96
California: Piute Mtns, Kern Co / 1898m 198
Canada: Saskatchewan 131
Montana: John Long Mtns, Granite Co 123
Washington: Wenatchee Mtns, Kittitas Co / 1935m 198
Oregon: Cascade Mtns / 1219m 159
Colorado 111
Czech Republic: SE Moravia 139
Virginia: New River, Grayson Co 127
Kyrgyzstan: Talas Ala Tau / 1600m 199
Kyrgyzstan: Talas Oblast 2000m 200
Colorado: near Lizard Head Pass / 3048m 152
Kyrgyzstan: Jalal-Abad Oblast 3000m 200
Arizona: Sierra Ancha Mtns, Gila Co / 1862m 198
France: Gard 164
California: Santa Lucia Mtns, Monterrey Co / 1362m 198
Kuril Islands, Iturup island 42
Kyrgyzstan: Moldo 3300m 200
Alabama: Bibb Co, Ketona Limestone Outcrops 92

Wild Collected

Liatris-Petrophytum

- 3131 **Liatris pauciflora** v secunda purple 30-60cm
Alabama: Baldwin Co, Beach dunes 92
Colorado: Boulder Co 103
Minnesota: Big Stone Co 154
Canada: Saskatchewan 131
Ohio: Marion Co 80
Ohio: Marion Co 80
Alabama: Baldwin Co, Bog 92
Alabama: Baldwin Co, back dunes 92
Canada: Chain Lake, BC 170
Canada: Port Renfrew, BC 98
California: Napa 145
Oregon: Coffin Mtn / 1585m 159
New Jersey: Morris Co 180
Virginia: New River, Grayson Co 127
Michigan: Barry Co 151
Washington: E Cascade Range, Yakima Co / 907m 198
Montana: Garnet Mtns, Missoula Co 123
California: Napa 145
Montana: Lake Koocanusa 31
Canada: Victoria, BC 99
Maine: Jackson 49
Alabama: Bibb Co, Ketona Limestone Outcrops 92
Arizona: Mazatzal Mtns, Maricopa Co 198
Idaho: Snake River Plain, Owyhee Co / 982m 198
Alaska: Matanuska Valley, Palmer 29
California: Greenhorn Mtns, Kern Co / 1616m 198
Washington: E Cascade Range, Yakima Co 198
Connecticut: Southeast 174
Utah: Pine Valley Mtns, Washington Co / 1457m 198
Arizona: Corduroy Creek 161
Arizona: Sierra Ancha Mtns, Gila Co / 1888m 198
Canada: Victoria, BC 98
France: Gard 164
Pennsylvania: Allegheny Co 160
Krygyzstan: Jalal-Abad Oblast 3000m 200
California: Napa 145
Krygyzstan: E Kyrgyz AT / 3300m 199
Finland: Pyharanta 195
Idaho: Snake River Plain, Owyhee Co / 970m 198
Utah: Pine Valley Mtns, Washington Co / 1463m 198
Colorado 111
Oregon: Coffin Mtn / 1463m 159
California: Santa Lucia Mtns, Monterrey Co / 1537m 198
Oregon: Mt Bachelor / 1676m 159
Washington: Wenatchee Mtns, Kittitas Co / 1900m 198
Oregon: Devils Lake / 1707m 159
Arizona: Sierra Ancha Mtns, Gila Co / 1621m 198
Utah: Pine Valley Mtns, Washington Co / 1463m 198
Oregon: Mt Bachelor / 1676m 159
Canada: Chain Lake, BC 170
Montana: Bitterroot Mtns 123
Washington: E Cascade Range, Yakima Co / 1861m 198
Washington: Wenatchee Mtns, Kittitas Co / 1175m 198
California: Breckenridge Mtns, Kern Co / 1655m 198
Utah: Pine Valley Mtns, Washington Co / 1707m 198
Utah: Summit Co / 2900m 54
Washington: E Cascade Range, Yakima Co / 1861m 198
California: Greenhorn Mtns, Kern Co / 1667m 198
Nevada: Cedar Range, Lincoln Co / 2048m 198
Utah: Pine Valley Mtns, Washington Co / 1263m 198
California: Scott Bar Mtns, Siskiyou Co / 584m 198
Oregon: Coffin Mtn / 1524m 159
Washington: Wenatchee Mtns, Kittitas Co / 1935m 198
California: Breckenridge Mtns, Kern Co / 2056m 198
Utah: Wasatch Range, Utah Co / 2138m 198
Oregon: Scar Mtn / 1463m 159
Oregon: Deschutes Co / 1372m 159
Idaho: Bitterroot Mtns 123
Colorado: Garfield Co 37
- 3132 punctata
3133 punctata lavender 35cm
3134 punctata pink 15cm
3135 scariosa purple 1m
3137 spicata purple 1m
3136 spicata purple 60-90cm
3138 tenuifolia purple 60-120cm
3140 **Lilium columbianum** orange 30-40cm
3139 columbianum orange
3141 rubescens white fading to pink 120cm
3142 washingtonianum white 100cm
3143 **Lobelia cardinalis** red 60-100cm
3144 siphilitica
3145 siphilitica blue 25cm
3146 **Lomatium columbianum** pink-purple 30-45cm
3147 dissectum yellow 100cm
3148 repostum maroon 25cm
3149 triternatum cream 40cm
3150 utriculatum yellow 7.5cm
3151 **Maianthemum (Smilacina) racemosum** white 40-50cm
3152 **Manfreda (Agave) virginica** yellow-green 10-30cm
3153 **Maurandya (Asarina) antirrhiniflora** rose-red 100cm weak climber
3154 **Mentzelia laevicaulis** yellow 50cm
3155 **Mertensia virginica** blue/purple 90cm
3156 **Monardella breweri** ssp. lanceolata violet 15-30cm annual
3157 odoratissima ssp discolor rose-violet 15-20cm
3158 **Monotropa uniflora**
3159 **Nicotiana attenuata** white/red-violet tube 50-75cm annual
3160 **Nolina microcarpa** white 90cm
3161 microcarpa white 150cm
3162 **Olsynium douglasii** pink
3163 **Osyris alba** orange 50cm
3164 **Packera obovata** yellow 40cm
3279 **Paeonia anomala**
3165 **Papaver californicum** orange 60cm
3166 croceum yellow 10-20cm
3167 **Paris quadrifolia**
3168 **Penstemon acuminatus** v latebracteatus dark blue 30-50cm
3169 **Penstemon ambiguus** ssp laeissimus pale pink
3170 angustifolius sky blue 50cm
3171 cardwellii purple 20cm
3172 centranthifolius red 40-65cm
3173 cinicola purple 25cm
3174 confertus light yellow 15-25cm
3175 davidsonii purple 10cm
3176 eatonii ssp exsertus red 50cm
3177 eatonii ssp undosus red 50cm
3178 euglaucus purple 40cm
3179 fruticosus pink-purple 20cm
3180 fruticosus purple 25cm
3181 fruticosus v fruticosus violet-red 15cm
3182 gairdneri v gairdneri rose-purple 12-15cm
3183 grinnellii ssp scrophularioides lavender-violet flr/glaucous blue lvs 50-75cm
3184 higginsii lavender 15-25cm
3185 humilis ssp brevisfolius
3186 humilis v humilis blue-violet 20-25cm
3187 laetus v laetus purple-blue 15-25cm
3188 linarioides ssp sileri turquoise-blue 10-15cm
3189 palmeri v eglandulosus pink 100-120cm
3190 parvulus dark blue 25cm
3191 procerus purple 20cm
3192 pruinosis dark blue 15cm
3193 rostriflorus scarlet 40-50cm
3194 sepalulus lavender-violet 30cm
3195 serrulatus purple 40cm
3196 speciosus purple 50cm
3197 wilcoxii blue 70cm
3198 **Petrophytum caespitosum** pink/white 30cm

Wild Collected

Phacelia-Verbesina

- 3199 **Phacelia** suaveolens yellow/purple 20cm
3200 **Phemeranthus** calycinus pink 8cm
3201 **Pinus** rigida (Pygmy Pine) to 2m
3202 **Plectritis** congesta pink
3203 **Polemonium** californicum blue 20cm
3204 foliosissimum v alpinum white 100cm
3205 **Polygonatum** biflorum
3206 biflorum white 45-100cm
3207 **Pulsatilla** alpina ssp apiifolia yellow 30cm
3208 armena violet-blue 30cm
3209 cernua purple 30cm
3210 **Purshia** tridentata yellow 200cm
3211 **Pyrola** americana
3212 americana
3213 elliptica cream 12cm
3214 **Rainiera** stricta yellow 100cm
3215 **Rhamnus** pumila yellow-green 20cm
3216 **Rhaponticum** (Leuzea) coniferum deep pink 40cm
3217 **Rhus** coriaria green 3m
3218 **Rhynchospora** latifolia white bracts 30-90cm
3219 **Rosa** fedtschenkoana rose-red 80cm
3220 rugosa (PI) pink 150cm
3221 spinosissima white 2m
3222 **Rubus** arcticus pink 10cm
3223 **Rudbeckia** occidentalis black 100cm
3224 triloba yellow 90cm
3225 **Salvia** pratensis (PI)
3226 **Santolina** decumbens yellow 50cm
3227 sp yellow 50cm
3228 **Sarracenia** leucophylla dark red 30-90cm
3229 **Saxifraga** alberti white
3230 oppositifolia pink 5cm
3231 **Scutellaria** incana blue 40cm
3232 **Sidalcea** hickmanii ssp napensis pale pink 30cm
3233 **Silene** douglasii white 25cm
3234 guntensis white-pinkish 10-15cm
3235 salmonacea salmon 5cm
3236 subciliata red 100cm
3237 **Smilax** lessoniana white climber
3238 **Solenanthes** karateginus purplish 15-30cm
3239 **Solidago** caesia yellow 60cm
3240 **Sorbus** aria white flr tree
3241 californica white flr/orangish frt
3242 scopulina white 200cm
3243 **Sporobolus** cryptandrus 30-40cm
3244 heterolepis 60cm
3245 **Stewartia** ovata (moist packed) white 6m
3246 **Streptopus** amplexifolius green 130cm
3247 **Tanacetum** bipinnatum ssp bipinnatum yellow 25cm
3248 **Teucrium** chamaedrys
3249 flavum ssp flavum yellow 60cm
3250 **Toxicoscordion** (Zigadenus) exaltatum white/gold 50cm
3251 **Trichostema** dichotomum blue 15-30cm
3252 **Trillium** erectum
3253 erectum (moist packed)
3254 grandiflorum 50cm
3255 **Trollius** komarovii white/lilac 10-20cm
3256 **Tulipa** anadroma yellow/red outside 15-30cm
3257 biebersteiniana yellow/violet tinge 40cm
3258 dasystemon (cf) yellow/greenish outside 10cm
3280 heterophylla
3259 heterophylla yellow/greenish outside 5-10cm
3260 kaufmanniana red/yellow 20-40cm
3281 sp 30cm
3282 sp (dwarf)
3261 zenaidae yellow/red outside 10-20cm
3262 **Vaccaria** hispanica pink 50cm
3263 **Veratrum** viride green 200cm
3264 **Verbesina** alternifolia yellow 180cm
- California: Napa 145
Virginia: Albemarle Co 14
New Jersey: Ocean Co, Pine Plains 72
Canada: Nanaimo, Vancouver Island, BC 98
Washington: Wenatchee Mtns, Kittitas Co / 1935m 198
Utah: Wasatch Range, Wasatch Co / 2415m 198
Connecticut: Ivy Mtn, Goshen 166
Michigan: Kent Co 151
France: Puy Violent, Cantal 42
Armenia 42
Japan: Sendai 42
Montana: Lake Kooconusa 31
Connecticut: Franklin 2
Connecticut: Southeast 174
New Jersey / 91m 90
Oregon: Coffin Mtn / 1524m 159
Italy: Northern 42
France: Gard 164
France: Gard 164
Alabama: Baldwin Co, Bog 92
Tajikistan: Pamir, Khorugh 42
Maine: at sea level 90
France: Gard 164
Norway: Malselv 138
Oregon: Coffin Mtn / 1433m 159
Pennsylvania: Clairton 57
Czech Republic: SE Moravia 139
France: Sainte Victoire 164
Portugal: South 164
Alabama: Baldwin Co, Bog 92
Kyrgyzstan: Chatkal AT / 2050m 199
Norway: Harstad 138
Ohio: Franklin Co 5
California: Napa 145
Oregon: Coffin Mtn / 1524m 159
Kyrgyzstan: E Kyrgyz AT / 2500m 199
California: Trinity Center 145
Texas: Hardin Co 161
Canada: Saskatchewan 131
Kyrgyzstan: Fergana Ridge / 3100m 199
Michigan: Kent Co 151
France: Gard 164
Washington: Snoqualmie Pass / 930m 134
Oregon: Scar Mtn / 1463m 159
Minnesota: La Qui Parle Co 154
Minnesota: Big Stone Co 154
Georgia: Rabun Co 135
Washington: Monte Cristo 31
Maine: St Francis 152
Czech Republic: SE Moravia 139
France: Gard 164
California: Piute Mtns, Kern Co / 1563m 198
New Jersey: Essex Co 180
Connecticut: Ivy Mtn, Goshen 166
Virginia: New River, Grayson Co 127
Michigan: Antrim Co, near Alba 7
Kyrgyzstan: Central Kyrgyz AT / 3000m 199
Kyrgyzstan: Chatkal AT / 1900m 199
Dagestan: Caucasus 42
Kyrgyzstan: Central Kyrgyz AT / 3000m 199
Kyrgyzstan: Fergana 3300m 200
Kyrgyzstan: Fergana Ridge / 3100m 199
Kyrgyzstan: Chatkal AT / 2000m 199
Kyrgyzstan: Chatkal Valley 1500m 200
Kyrgyzstan: Suusamyr Oroonu 3580m 200
Kyrgyzstan: E Kyrgyz AT / 2500m 199
France: Gard 164
Oregon: Little Lava Lake / 1524m 159
Pennsylvania: Champion 57

Wild Collected

Vernonia-Zizia

3265 **Vernonia** missurica purple 90-200cm
3266 **noveboracensis** purple 180cm
3267 **Viola** rupestris
3268 **Xerophyllum** tenax white 150cm
3269 **Yucca** elata white
3270 **Zizia** aurea yellow 40-75cm

Michigan: Kent Co 151
New York: Chautauqua Co 57
Czech Republic: SE Moravia 139
Oregon: Coffin Mtn / 1524m 159
New Mexico: Hidalgo Co 161
Michigan: Kent Co 151

SPECIES NAME CHANGES:

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

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

Actaea alba > A. rubra
Albuca circinata > A. namaquensis
Allium senescens ssp montanum > A. lusitanicum
Allium paczoskianum > A. flavum ssp tauricum
Alyssoides graeca > A. utriculata
Anemone protracta > Anemonastrum protractum
Anomatheca cruenta > Freesia laxa
Aquilegia akitensis > A. flabellata
Aristea major > A. capitata
Armeria scabra > A. maritima ssp sibirica
Aster linearis > Dieteria canescens v glabra
Bergenia cordifolia > B. crassifolia
Calceolaria falklandica > C. biflora
Campanula takesimana > C. punctata v punctata
Cimicifuga americana > Actaea podocarpa
Cleome marshallii > Polanisia dodecandra
Codonopsis rotundifolia v angustifolia > C. bomiensis
Consolida ambigua > C. ajacis
Convolvulus nitidus > C. boissieri
Cooperia pedunculata > Zephyranthes drummondii
Daphne albowiana > D. pontica ssp haematocarpa
Dianthus amurensis > D. chinensis
Dianthus erinaceus > D. webbianus
Digitalis flava > D. grandiflora
Draba athoa > D. lasiocarpa
Draba atlantica > D. hispanica
Draba imbricata > D. bryoides
Draba rigida ssp bryoides > D. bryoides
Draba rigida ssp imbricata > D. bryoides
Erigeron montanensis > E. ochroleucus
Eryngium 'Miss Wilmott's Ghost' > E. giganteum
Euphorbia polychroma > E. epithymoides
Filipendula hexapetala > F. vulgaris
Fritillaria lanceolata > F. affinis
Geranium sanguineum v lancastricense > G. sanguineum v striatum
Hegemone micrantha > Trollius komarovii
Helleborus argutifolius > H. lividus ssp corsicus
Hieracium lanatum > H. tomentosum
Hystrix patula > Elymus hystrix
Iberis taurica > I. simplex
Incarvillea arguta > I. diffusa
Indigofera pseudotinctoria > I. bungeana
Ixolirion pallasii > I. tataricum
Lesquerella alpina > Physaria reediana
Lewisia serrata > L. cantelovii
Libertia caerulea > L. sessiliflora
Lilium canadense v editorum > L. canadense (red-orange)
Lilium formosanum v pricei > L. formosanum v formosanum
Mimulus aurantiacus v grandiflorus > Diplacus grandiflorus
Muscari dionysicum > Leopoldia weissii
Notholirion campanulatum > N. bulbuliferum
Paeonia caucasica > P. daurica ssp coriifolia
Paeonia japonica > P. obovata ssp obovata
Paeonia kavachensis > P. mascula ssp mascula
Paeonia ruprechtiana > Paeonia daurica ssp coriifolia
Paeonia suffruticosa ssp spontanea > P. jishanensis
Paeonia veitchii v woodwardii > P. anomala ssp veitchii
Paeonia veitchii > P. anomala ssp veitchii
Papaver rhaeticum > P. alpinum (yellow)
Papaver anomalum > P. nudicaule v aquilegioides
Pelargonium cordatum > P. cordifolium
Potentilla hyparctica ssp nana > P. nana
Primula burmanica > P. beesiana
Psoralea psoralioides > Orbexilum pedunculatum v psoralioides
Ptilotrichum spinosum now Hormatophylla spinosa
Pulsatilla subslavica > P. halleri ssp styriaca
Ramonda pyrenaica > R. myconi
Scilla scilloides > Barnardia japonica
Sideritis sericea > S. incana
Sisyrinchium graminoides > S. angustifolium
Stachys minima > S. spathulata
Talinum confertiflorum > Phemeranthus parviflorus
Tanacetum chiliophyllum > T. aureum
Tanacetum huronense > T. bipinnatum ssp bipinnatum
Thermopsis fabacea > T. lupinoides
Townsendia alpigena > Townsendia montana
Townsendia nuttallii > T. hookeri (white-pink)
Zauschneria arizonica > Epilobium canum ssp latifolium
Zauschneria californica > Epilobium canum ssp canum

Wild Collected