

- 1 **Abelmoschus** manihot pale yellow/purple center 1-2m 187
 2 moschatus 'Mischief' red to 50cm 37
 3 **Abies** koreana purple-blue cones 10-18m 40
 4 **Acacia** baileyana 'Purpurea' yellow flr/silvery blue-purple tinged new lvs 3-6m 5
 5 **Acaena** sp (ex South America) green lvs compact 189
 6 **Acantholimon** acerosum pink flr/blue-grey lvs 5-10cm 189
 7 araxanum pink flr/blue-grey lvs 15-20cm 189
 8 armenum pink flr/blue-green lvs 8-20cm 189
 9 capitatum bright pink flr/blue-green lvs 4-18cm 189
 10 halophilum light pink flr/blue-green lvs 5-10cm 189
 11 hohenackeri pink flr/blue-grey lvs 5-10cm 189
 12 kotschyi pink 5-10cm 38
 13 litvinovii pale pink flr/blue-green lvs 5-10cm 189
 14 sp (choice) 189
 15 trojanum rose-pink flr/blue-green lvs to 10cm 189
 16 venustum deep pink flr/grey-green lvs 10-15cm 189
 17 **Acer** buergerianum 5-20m 58
 18 griseum 6-9m 142
 19 **Achillea** ageratifolia white 15-20cm 182
 20 coarctata yellow flr/woolly grey lvs 15-40cm 46
 21 lewisii (x) 'King Edward' pale yellow flr/woolly lvs 15-25cm 165
 22 ptarmica The Pearl Group double white 30-60cm 9
 23 sp (ex Utah) yellow 4cm 147
 24 tomentosa yellow flr/woolly lvs 15-30cm 38 156
 25 **Acinus** alpinus red-violet/purple 10-20cm 81
 26 **Acis** autumnalis white/pinkish base 7-15cm >
 27 valentina white/pinkish 7-25cm 126
 28 **Aconitum** albobviolaceum purplish/white 30-250cm 88 206
 29 anthora yellow 20-75cm 189
 30 austroyunnanense blue-purple 1.5-3m 139
 31 barbatum pale yellow 55-90cm 125
 32 ferox blue-purple to 1m 207
 33 hemsleyanum dark blue 1.5-2m 208
 34 'Ivory' ivory/cream 60-90cm 124
 35 japonicum bluish purple 30-100cm 162
 36 kirinense yellow 80-120cm 81
 37 krylovii cream-yellow 30-130cm 155
 38 lamarckii cream-yellow 90-120cm 117 205
 39 lycoctonum yellow 50-120cm 81
 40 lycoctonum ssp neapolitanum cream yellow 60-120cm 189
 41 napellus deep purple/blue-violet to 1m 5
 42 sachalinense blue-purple 60-120cm 81
 43 tauricum dark violet-blue 10-80cm 120 197
 44 vulparia pale yellow 50-120cm 88
 45 **Actaea** cimicifuga white 1-2m 125
 46 dahurica cream to 1m 57
 47 japonica white 60-80cm 134
 48 pachypoda white flr/white frt 45-60cm >
 49 pachypoda f rubrocarpa white flr/red frt 60-90cm 16
 50 racemosa white 75-250cm 181
 51 rubra white flr/red frt 40-80cm 106
 52 simplex Atropurpurea Group white-pale pink flr/dark purple lvs 120-180cm 24
 53 simplex 'Brunette' white flr/dark purple stems & lvs 90-120cm 192
 54 simplex 'Hillside Black Beauty' white flr/dark purple-black lvs 120-180cm 188
 55 **Actinidia** kolomikta white flr/white-pink tipped lvs 4-8m 207
 56 **Adenophora** khasiana blue/pale blue to 1m 9 72
 57 liliifolia purple-blue 40-60cm 9
 58 liliifolia (true species) 122
 59 tashiroi violet-blue 10-30cm 122
 60 triphylla pale blue 20-100cm 31
 61 **Adlumia** fungosa pale pink-lavender 0.5-4m 26 140 206
 62 fungosa white/pale pink-purple 0.5-4m 16 34 118
 63 **Adonis** aestivalis red 20-50cm 53
 64 cyllenea yellow-orange 20-38cm 100
 65 vernalis yellow 5-40cm 78 96
 66 **Aethionema** armenum pink 10-20cm 9 185
 67 glaucinum pink 5-10cm 128
 68 grandiflorum pink flr/blue-grey lvs 15-30cm >
 69 kotschyi (hort) (cf) 189
 70 oppositifolium pink-lilac flr/grey-green lvs to 5cm 91 209
 71 saxatile pink-white flr/blue-green lvs 5-25cm 5 136
 72 subulatum pink 5-10cm 82 189
 73 'Warley Rose' rose-pink to 20cm 97
 74 **Agapanthus** campanulatus & hybrids mix (hardy forms) blue/white 50-100cm 183
 75 sp (evergreen) blue 60cm 208
 76 **Agastache** cusickii white-pinkish 10-20cm 189
 77 pallidiflora pink/purple/white 30-90cm 9
 78 rugosa white 50-100cm 9
 79 rugosa 'Golden Jubilee' lavender-blue flr/yellow-green lvs 60-90cm 90
 80 **Agastache** rupestris pink 60-90cm 160
 81 rupestris salmon-orange flr/grey-green lvs 60-90cm 189
 82 **Agave** bracteosa white-pale yellow 1.2-1.7m flr spike 131
 83 chrysantha x parryi hybrid yellow flr 100cm 131
 84 difformis yellow 45cm 131
 85 lophantha v caerulescens greenish white-yellow green flr/blue-green lvs 3-5m flr scape 131
 86 ovatifolia greenish-yellow flr/blue-grey lvs 3-4.5m flr scape 131
 87 striata reddish-purple flr/grey-green lvs 1.5-2m flr scape 131
 88 **Ageratina** occidentalis pink 15-70cm 159
 89 **Agrostemma** githago 'Milas' rose-pink to 90cm 102
 90 **Akebia** quinata (PI) (various forms) white-violet 3-4m 206
 91 **Alangium** platanifolium white 4-5m 58
 92 **Albuca** canadensis white/green 40-150cm 57 198
 93 humilis white/green stripe to 10cm 120 152
 94 shawii yellow to 30cm 41 80
 95 **Alcea** nudiflora white/greenish yellow to 80cm 154
 96 rosea 'Light Rose Caplez' 1.5m 39
 97 rosea 'Nigra' dark maroon-black to 2m 102
 98 rosea ssp ficifolia white/pink/purple/yellowish 1-2.5m 19
 99 rugosa pale yellow to 1.8m 206
 100 **Allium** acuminatum pink-rose purple 10-35cm 74 155
 101 aflatunense purplish-pink to 90cm 189
 102 aflatunense hybrid (aff) dark purple 80cm 50
 103 altaicum white tinged yellow 40-100cm 189
 104 altaicum (ex Altai) 30-40cm 211
 105 amethystinum reddish-purple 30-120cm 126
 106 atropurpureum blackish-purple 40-100cm 209
 107 beesianum true blue 15-50cm 16
 108 bolanderi reddish purple 10-35cm 198
 109 caeruleum blue to 80cm 59 118 189
 110 caesium deep sky blue 15-65cm 126
 111 carinatum ssp pulchellum pink-purple 30-50cm 117 121 208
 112 carinatum ssp pulchellum white 30-50cm 75 201 208
 113 carolinianum pink-purple 20-40cm 83
 114 cernuum lavender 10-50cm 118
 115 cernuum mix 10-50cm 180
 116 cernuum pink 10-50cm 36 70 197
 117 cristophii purple-violet/pink to 60cm >
 118 cupuliferum red-purple 30-50cm 126
 119 cyathophorum purple-dark purple to 15cm 189
 120 cyathophorum v farreri pink 13-15cm 169
 121 cyathophorum v farreri purple 13-15cm >
 122 daghestanicum pink/pale purple 20-45cm 117 189
 123 decipiens pink-lilac 30-90cm 82
 124 douglasii pink-purple 10-40cm 97
 125 falcifolium reddish purple 5-25cm 97
 126 fistulosum yellowish white 15-70cm 176
 127 flavum mix 6-30cm 83
 128 flavum pink 6-30cm 97
 129 flavum yellow 6-30cm >
 130 flavum ssp tauricum cream flr/blue-grey lvs 15-35cm 118
 131 flavum ssp tauricum mix flr/blue-grey lvs 15-35cm 126
 132 flavum ssp tauricum peach/pink/yellow mix 15-30cm 50
 133 flavum ssp tauricum yellow/tan 15-30cm 121
 134 forrestii purple-dark purple 15-30cm 13
 135 giganteum pale lilac/purple 80-150cm 200
 136 hollandicum 'Purple Sensation' purple-reddish purple to 90cm >
 137 hybrid sp white/pink eye 60cm 81
 138 karataviense mix 25-30cm 64
 139 karataviense pale pink-lilac 25-30cm 83 109 209
 140 karataviense whitish 25-30cm 77
 141 karataviense 'Henrik' reddish-purple flr/blue-green lvs 20-30cm 126 189
 142 karataviense 'Ivory Queen' cream-white 25-30cm 104
 143 komarowii dark purple 30-50cm 126
 144 lusitanicum purple-pink 30-70cm 189
 145 membranaceum pale pink-white 15-40cm 126
 146 'Millenium' bright rosy purple 30-50cm 208
 147 neapolitanum white 15-50cm 81
 148 nevskianum deep pink-red flr/blue-grey lvs 10-20cm 197
 149 obliquum pale yellow-greenish 60-100cm 118 121
 150 obliquum (ex Ruksans) bright green 90cm 67
 151 olympicum lilac-pink/purple-red to 30cm 33
 152 oreophilum rose-purple 15-20cm 87
 153 pseudojaponicum (cf) (autumn-flowering) pale pink 15cm 83
 154 pskemense white 40-100cm 87 154
 155 schoenoprasum pale purple-deep lilac 20-50cm 201
 156 schubertii pink-purple 30-60cm 160
 157 schubertii violet 30-60cm 206
 158 senescens 'Pink Planet' (cf) pink 35-45cm 115
 159 senescens ssp glaucum pale pink-purple flr/blue-grey lvs 15-30cm 64
 160 siculum reddish/greenish-cream 50-120cm 209

Garden Collected

- 161 **Allium** sikkimense blue 15-40cm 189
 162 sp pink 20cm 59
 163 sp (ex China) mauve 30-40cm 22
 164 sp (ex Kazakhstan) 189
 165 stellatum deep pink 20-50cm 117 121
 166 stipitatum 'Mount Everest' white to 120cm 206
 167 subvillosum white 5-40cm 15
 168 texanum white 50-60cm 132
 169 thunbergii 'Album' white 20cm 24
 170 thunbergii 'Ozawa' red-violet 15-30cm 132 174
 171 togashii pale pink/white 12-20cm 176 189 209
 172 tricoccum white 10-40cm 124
 173 tripedale pink-white 50-90cm 120
 174 tuberosum (Pl) white 30-50cm 81 165
 175 unifolium bright pink 20-80cm 15 172
 176 ursinum white 15-30cm 207
 177 victorialis 'Cantabria' greenish white 30cm 118
 178 zebdanense white 25-40cm 209
 179 **Aloe** branddraaiensis dull scarlet-red 100-150cm flr scape 132
 180 **Aloinopsis** spathulata bright pink to 5cm 46
 181 **Aloinopsis/Nananthus** hybrids mixed 3cm 46
 182 **Alstroemeria** aurea yellow/orange 60-90cm 182
 183 ligtu red to 60cm 157
 184 lutea hybrid orange/yellow 70cm 88
 185 sp candy pink 50-60cm 155
 186 sp peach/pink 45-60cm 157
 187 **Alyogyne** huegelii lilac/rose pink/cream/violet to 2.5m 5
 188 **Alyssoides** cretica yellow flr/grey woolly lvs 15-20cm 154
 189 utriculata yellow 20-50cm 189 206
(Alyssum > see also Aurinia, Ptilotrichum)
 190 **Alyssum** handelii yellow flr/silver-grey lvs 5-10cm 103
 191 markgrafii yellow flr/grey lvs 30-50cm 39
 192 montanum yellow 5-25cm 9 157
 193 oxycarpum yellow flr/silver lvs 10-20cm 97 185
 194 stribnyi yellow flr/grey lvs 10-20cm 47 189
 195 wulfenianum yellow flr/grey-green lvs 5-20cm 64
 196 **Amaryllis** belladonna 'Hathor' white 75cm 8
 197 **Ampelopsis** glandulosa v brevipedunculata 'Elegans' (Pl) white variegated lvs/amethyst-turquoise frt to 7.5m 206
 198 **Amsonia** ludoviciana light blue 60-90cm 98
 199 **Anacyclus** pyrethrum white/red reverse 5-15cm 9
(Androsace > see also Douglasia)
 200 **Androsace** cylindrica white 2-5cm 20
 201 cylindrica ssp hirtella white 7.5cm 66 78 97
 202 jacquemontii lilac 2-6cm 20
 203 lactea white 4-15cm 122
 204 lactiflora milky white 7-20cm 114
 205 mathildae white 4cm 169
 206 salicifolia (hort) white 4-6cm 206
 207 sempervivoides pink-mauve 2-7cm 168
 208 septentrionalis white 1-15cm 109 201
 209 vandellii white 1-5cm 97
 210 **Andryala** agardhii yellow flr/silver woolly lvs 8-15cm >
 211 **Anemathele** lessoniana semi-evergreen turn copper-golden lvs to 90cm 206
 212 **Anemone** altaica white 10-20cm 13
 213 baldensis white 5-15cm 45 152 153
 214 caroliniana white 5-35cm 52
 215 cylindrica greenish-white 30-70cm 9
 216 drummondii white/tinged blue reverse 10-25cm 100
 217 hupehensis v japonica light-deep pink/purple/white 30-100cm 189
 218 lesseri (x) mix 20-40cm 9 53
 219 lesseri (x) red 20-40cm 67
 220 multifida cream-yellow 10-70cm 53 143
 221 multifida mix 10-70cm 5
 222 multifida red 10-70cm 200
 223 multifida white 10-70cm 20 201
 224 multifida 'Rubra' dark rose-pink to 30cm 90
 225 narcissiflora white 10-50cm 91
 226 nemorosa blue 5-15cm 17
 227 obtusiloba 'Large Blue' blue to 15cm 100
 228 polyanthes white/red/mauve 25-60cm 33
 229 rivularis white/blue-mauve reverse 20-60cm 23 72 103
 230 rivularis (ex Chadwell) white to 60cm 94
 231 rupicola white/pink-violet reverse 5-25cm 100 141 156
 232 sylvestris white 30-45cm 20 103 109
 233 tetonensis red 10-20cm 97
 234 virginiana white/greenish-white 30-80cm 192
 235 **Anemonella** thalictroides white 10-30cm 2
 236 thalictroides (moist packed) white 10-30cm 209
 237 **Anemonopsis** macrophylla (moist packed) pale purple 40-80cm 186
 238 **Angelica** archangelica ssp archangelica 'Vossakvann' pale greenish to 2m 180
 239 **Angelica** gigas dark purple flr/purplish stems 1-2m 69 139 163
 240 sylvestris 'Vicar's Mead' pink-purple flr/dark purple stems & lvs 1-2m 180
(Anometheca > see Freesia)
 241 **Antennaria** dioica pale pink 3-10cm 24
 242 dioica 'Nyewoods Variety' bright pink flr/grey lvs 10cm 141 156
 243 dioica 'Rubra' deep pink flr/grey lvs 10-15cm 165
 244 plantaginifolia white-cream flr/grey woolly lvs 6-20cm 179
 245 rosea ssp confinis cream yellow-red brown flr/grey woolly lvs 9-25cm 209
(Anthemis > see also Cota)
 246 **Anthemis** cretica white flr/grey lvs 10-30cm 46
 247 cretica ssp carpatica white flr/silver lvs 10-30cm 46
 248 cretica ssp leucanthemoides white flr/greyish lvs 10-30cm 136
 249 **Anthericum** baeticum white to 35cm 189
 250 liliago white 60-90cm 103 123 179
 251 ramosum white 30-70cm >
 252 undulatum white to 50cm 189
 253 **Anthriscus** sylvestris 'Ravenswing' white flr/dark purple-bronze lvs 30-90cm >
 254 **Anthyllis** coccinea red 15-30cm 34 41
 255 montana 'Rubra' red flr/silky grey lvs to 30cm 70 102
 256 **Aptenia** cordifolia red 10cm 55
 257 **Aquilegia** 'Alchemists Gold' white flr/gold variegated lvs 25-40cm 165
 258 alpina blue-purple/short incurved spurs 50cm 206
 259 atrata dark red-purple 30-60cm 165
 260 barnebyi peach pink-yellow flr/blue-green lvs 30-80cm 189
 261 bertolonii (aff) blue/white 30cm 14
 262 Biedermeier Group mix to 30cm 9
 263 buergeriana yellow/brown-purple 30-80cm 14 61
 264 buergeriana 'Calimero' purple/yellow 15-20cm >
 265 buergeriana f flavescens pale yellow 30-80cm 171
 266 canadensis pink/yellow 60cm 90
 267 canadensis red/yellow 15-90cm 3 29
 268 canadensis 'Corbett' pale yellow 30-45cm 16
 269 canadensis hybrid pink-coral flr/lvs emerge purple 45cm 57
 270 canadensis 'Little Lanterns' red/yellow to 25cm 16 29
 271 canadensis 'Nana' red/yellow 15-20cm 5 83 189
 272 chaplinei pale yellow 20-50cm 46
 273 chrysantha yellow 30-120cm 3 57
 274 chrysantha (isolated form) yellow 90cm 195
 275 chrysantha 'Denver Gold' yellow flr/blue-green lvs 75-90cm 189
 276 chrysantha hybrids yellow/red shades 50-75cm 206
 277 ecalcarata purplish pink to 40cm 169
 278 flabellata 'Blue Angel' blue-violet/white 15-20cm 107
 279 flabellata 'Cameo Pink & White' pink/white 15cm 169
 280 flabellata v pumila blue/white 15cm >
 281 flabellata v pumila white 15-25cm 28
 282 flabellata v pumila 'Rosea' rose-pink to 15cm 128 171
 283 formosa red/yellow 30-100cm 62
 284 grahamii hybrid soft pink 20-35cm 97
 285 hybrid blue-mauve 15cm 83
 286 jonesii (isolated plant) blue-purple 3-12cm 2
 287 jonesii hybrid blue 10-15cm 28
 288 laramiensis cream/white 5-25cm 64 133
 289 pyrenaica deep blue/lilac 10-30cm 109 197
 290 pyrenaica ssp discolor blue/white 10-20cm >
 291 rockii purplish red/blue 45-60cm 45
 292 'Roman Bronze' deep purple flr/yellow-bronze lvs 45-60cm 173
 293 'Roman Bronze' hybrid mixed flr/yellow-bronze lvs 45-60cm 173
 294 saximontana blue/cream 5-25cm 52 178 189
 295 scopulorum blue 5-30cm 97
 296 scopulorum mix 5-30cm 100 113
 297 shockleyi orange-red/yellow 75cm 197
 298 sp blue 10cm 24
 299 sp double white to 60cm 71
 300 sp pale pink 40-60cm 31
 301 sp white flr/gold lvs 60cm 14
 302 sp (blue lvs) blue/white 18cm 184
 303 viridiflora dark purplish brown/greenish 15-50cm 57 179
 304 vulgaris blue 30-90cm 63
 305 vulgaris dark red 30cm 77
 306 vulgaris pink 30-90cm 165
 307 vulgaris pink/purple 60cm 90
 308 vulgaris 'Clementine Salmon Rose' salmon-rose pink double to 45cm 206
 309 vulgaris 'Nivea' pure white to 80cm 57 106
 310 vulgaris v stellata 'Nora Barlow' pink/cream 60-90cm 40
 311 vulgaris v stellata 'Ruby Port' double dark maroon red 60-90cm 57
 312 vulgaris 'William Guinness' (true from seed) dark purple-black/white 60-75cm 185
 313 **Arabis** androsacea white 4-8cm 122

Garden Collected

- 314 **Arabis** blepharophylla rose-purple 5-20cm 148 185
 315 blepharophylla 'Frühlingszauber' deep pink 10-20cm 17
 316 caucasica (cf) (dwarf form) deep pink 5-7.5cm 70
 317 collina ssp rosea pink 10-15cm 105
 318 nordmanniana white 17-60cm 205
 319 **Aralia** cordata white 0.5-3m 61 207
 320 cordata v sachalinensis white flr/purple-black frt 2-3m 186
 321 racemosa white flr/purple frt 90-150cm 61 181
 322 **Arctotis** addressa white-peach maroon reverse flr/grey lvs
 5-12cm 189
 (**Arenaria** > see also **Eremogone**)
 323 **Arenaria** grandiflora white 5-15cm 46
 324 montana white 5-15cm 147
 325 **Argemone** grandiflora white flr/grey-green lvs to 1m 182
 326 platyceras white-pale yellow 30-100cm 19 45
 327 polyanthemus white 40-80cm 19 39
 328 **Arisaema** amurense green/carmine w/white stripes to 50cm 66 206
 329 consanguineum green/purple-brown 90-180cm 5 205
 330 consanguineum 'Silver Variegated' silver variegated lvs
 90-180cm 149
 331 dracontium green to 130cm 61
 332 fargesii red-brown/white striped to 60cm 42
 333 flavum yellow 30-75cm >
 334 heterophyllum green-yellow to 100cm 61 192 208
 335 jacquemontii green/white to 80cm 207
 336 quinatum (cf) green stripe/5 leaflets 40cm 208
 337 ringens greenish-white/carmine to 110cm 24 191
 338 sikokianum carmine-white to 70cm 130
 339 sikokianum carmine-white flr/silver-center lvs to 70cm 187
 340 thunbergii purple-green to 60cm 130
 341 triphyllum green/purple w/white stripes 60-90cm 76 130 206
 342 **Aristolochia** fimbriata yellow-green/purple-brown 15-90cm 132
 343 macrophylla yellow-red/brown to 20m 144
 344 tomentosa yellow-green to 25m 187
 345 **Armeria** 'Joystick' rose to 40cm 35
 346 'Joystick Red' red to 40cm 70
 347 juniperifolia pink 5-15cm 118
 348 maritima pink 2-30cm 56 98 127
 349 maritima pink/white 2-30cm 29
 350 maritima (ex Val Gardena, Italy) pink 20cm 169
 351 maritima 'Nifty Thrifty' pink flr/variegated lvs 5-15cm 156 188
 352 maritima 'Rosa Stolz' lavender-pink 7.5cm 165
 353 maritima 'Rubrifolia' rose-pink flr/burgundy lvs 15-20cm 29 141 156
 354 maritima 'Victor Reiter' pink 5-10cm 156
 355 pseudarmeria 'Ballerina Lilac' lilac-pink 15-30cm 165
 356 pseudarmeria 'Ballerina Red' red 15-30cm 165
 357 scabra green-white/turn purplish red 5-20cm 189
 358 **Arnoglossum** plantagineum white-greenish 50-100cm 145
 359 **Artemisia** indica v momiyamae white 1m 32
 360 pedemontana yellowish flr/white woolly lvs 10-20cm 189
 361 stelleriana yellow flr/white woolly lvs 20-60cm 189
 362 **Arthropodium** candidum 'Purpureum' white flr/purple-bronze lvs
 10-30cm 206
 363 **Arum** italicum cream-light green flr/red frt 30-45cm 191
 364 italicum ssp italicum 'Marmoratum' cream flr/orange-red frt/
 white vein lvs 30-45cm 66 110 208
 365 korolkowii greenish-reddish spathe/reddish spadix 50-60cm 65
 366 maculatum (ex Moravia, Czech Rep) green purplish flr/dark
 green lvs 30cm 211
 367 palaestinum dark purplish-black 10-25cm 208
 368 purpureospathum dark purple-black 20-30cm 65
 369 **Aruncus** aethusifolius cream 20-40cm 195
 370 dioicus 'Zweiweltenkind' cream white to 75cm 189
 (**Asarina** > see also **Maurandya**)
 371 **Asarina** procumbens cream/yellow 5-7cm 40 206
 372 **Asarum** canadense (moist packed) pale green/purple 6-20cm 209
 373 caudatum v viridiflorum (moist packed) greenish-yellow flr
 7-17cm 209
 374 europaeum (moist packed) purple-brown 10-15cm 209
 375 hartwegii (moist packed) reddish-brown 9-21cm 209
 376 **Asclepias** incarnata pink/white mix 1-1.5m 148
 377 incarnata pink-mauve 1-1.5m 34 155
 378 incarnata (cf) yellow/red 90cm 157
 379 purpurascens deep rose-purple to 1m 163
 380 speciosa pink-purple 30-90cm 155 160 179
 381 tuberosa orange 30-100cm >
 382 **Asimina** triloba maroon flr/large green frt to 11m 181
 383 **Asperula** orientalis pale-clear purplish blue to 30cm 114 118
 384 **Asphodeline** damascena white flr/blue-green lvs 45-170cm 87
 385 liburnica yellow 60-100cm 87 206
 386 lutea yellow 90-120cm 126 154 206
 387 lutea 'Italian Gold' yellow to 120cm 131
 388 taurica white 60-80cm 154
 389 taurica (ex Bolkar Dag, Turkey) white flr/grey lvs 30-40cm 211
 390 **Asphodelus** aestivus white 1-2m 131
 391 albus white/pink-veined 50-120cm 42
 392 **Asplenium** platyneuron 4-50cm 75
 (**Aster** > see also **Canadanthus**, **Eurybia**, **Galatella**, **Ionactis**,
Symphotrichum, **Xanthisma**)
 393 **Aster** alpinus mauve 15-20cm 124
 394 alpinus mix 15-30cm 11 56
 395 alpinus purple 15-30cm 103
 396 alpinus purple-pink 15-30cm 197
 397 alpinus white 15-30cm 40 9
 398 alpinus (ex Kazakhstan) 189
 399 alpinus 'Goliath' soft blue 15-30cm 189
 400 alpinus 'Happy End' deep pink 20-25cm 9
 401 asteroides white/yellow center 5-15cm 197
 402 diplostehioides mauve-purple/lilac-blue 13-57cm 189
 403 flaccidus blue/mauve 3-30cm 189
 404 likiangensis bluish-lavender purple 3-20cm 33 46
 405 souliei blue-purple/violet 2-45cm 103
 406 stracheyi violet 3-15cm 34
 407 **Astilboides** tabularis white/lilac 1-1.5m 125
 408 **Astragalus** asclepiadoides purplish-pink 16cm 11
 409 eximius 154
 410 nutzotiniensis pink-purple/cream 3-10cm 168
 411 **Astrantia** major greenish-white/reddish 60-90cm 9
 412 major mauve 60-90cm 54
 413 major red 60cm 5
 414 major white 60cm 71 88 143
 415 major 'Ruby Wedding' ruby red 60-70cm 91
 416 **Astroloma** humifusum red flr/blue-green lvs to 50cm 196
 417 **Asyneuma** campanuloides dark bluish-violet 30-50cm 103
 418 limonifolium violet-blue 15-60cm 122
 419 **Atropa** belladonna (PI) dull purple/green tinge 90-120cm 206
 420 **Aubrieta** canescens violet 10-25cm 122
 421 sp mix 5
 422 **Aurinia** saxatilis golden yellow 10-30cm 5 102 165
 423 **Babiana** stricta mix 10-30cm 5
 424 **Ballota** hirsuta reddish purple 20-80cm 154
 425 hispanica rosy-purple 40-80cm 19 39
 426 **Baptisia** alba cream-white 60-120cm 49
 427 australis blue to 1.5m 191 206
 428 australis v minor purple-blue 30-60cm 49
 429 'Blue Towers' violet-blue 140cm 58
 430 sphaerocarpa yellow 60-90cm 49
 431 tinctoria yellow 60-90cm 114
 432 **Barbarea** rupicola (ex Corsica, France) yellow 20cm 206
 433 **Barnardia** (Scilla) japonica lavender/lilac 7-20cm 57
 434 japonica rose purple/pink 7-20cm 20 121 174
 435 numidica lavender-rose 25cm 205 206
 436 **Beesia** calthifolia white 14-58cm 116
 437 deltophylla white 14-34cm 95 164
 438 **Begonia** grandis ssp sinensis pink 20-40cm 42 51
 (**Belamcanda** > see **Iris domestica**)
 439 **Bellendena** montana white-pale pink flr/red frt 10-60cm 5 196
 440 **Bellevia** romana creamy white to 30cm 41 66
 441 **Bensoniella** oregona white 20-40cm 206
 442 **Berberidopsis** beckleri deep pink 2m 5
 443 **Berkheya** purpurea pale-deep mauve to 1m 183 185
 444 **Berlandiera** lyrata yellow/red-maroon center 10-60cm 68
 445 **Berneuxia** thibetica white/rose 10-25cm 1
 (**Besseyia** > see **Veronica**)
 (**Betonica** > see **Stachys**)
 446 **Billardiera** longiflora greenish-yellow flr/purple frt 2-3m 5 206
 447 longiflora (red berried form) greenish-yellow flr/cherry-pink frt
 2-3m 206
 448 **Blechnum** spicant 'Rickard's Serrate' 30-45cm 34
 449 **Bloomeria** humilis yellow/brownish purple stripe 5-10cm 7
 450 **Briemeura** amethystina deep-pale blue 10-15cm 155
 451 amethystina white 10-15cm 66
 452 **Briza** maxima 30-60cm 40
 (**Brodiaea** > see **Dichelostemma**, **Triteleia**)
 453 **Bukiniczia** cabulica pink flr/white veined lvs to 30cm 72
 454 **Bulbine** glauca yellow 12-70cm 196
 455 **Bulbinella** hookeri yellow 40-90cm 92
 456 **Bupleurum** longifolium yellow 50-90cm 155
 457 **Caesalpinia** gilliesii yellow/red stamens 1-4m 157
 458 **Calamagrostis** foliosa 30-60cm 7
 459 nutkaensis 60-100cm 7
 (**Calamintha** > see **Clinopodium**)
 460 **Calceolaria** arachnoidea dull purple-blackish violet 25-45cm 189
 461 biflora yellow 10-45cm 5 103
 462 'John Innes' yellow/purple spots 10-20cm 5
 463 mexicana yellow 20-50cm 102 155
 464 polyrhiza yellow 10cm 5
 465 umbellata yellow 5-25cm 9

Garden Collected

(*Calandrinia* > see *Cistanthe*, *Montiopsis*)

- 466 *Calliandra* haematocephala 'Nana' (zone 9) red 1-1.5m 21
467 *Callianthemum* anemonoides white/pale pink 10-20cm 104 133
468 *Callicarpa* americana purple-violet frt 1-2m 98
469 *dichotoma* pink-white flr/purple frt 1-2m 185
470 *Callirhoe* bushii magenta-pale red 48-140cm 182
471 *involutrata* magenta 15-30cm 16 141 156
472 *Callistemon* sp 'Red Hybrid' red 5
473 *Callitris* rhomboidea to 15m 5
474 *Calochortus* albus deep rose 20-80cm 5
475 *amabilis* yellow 10-50cm 158
476 *argillosus* white/lavender-pink center 40-60cm 158
477 *argillosus* white-purple/red center spots 40-60cm 198
478 *argillosus* (central form) pale lavender-deep rich purple 40-60cm 12
479 *palmeri* v *palmeri* white-lavender 30-60cm 12
480 *splendens* lavender-purple 20-60cm 158
481 *venustus* white-red 10-60cm 12
482 *weedii* orange-yellow 30-90cm 12
483 *Caltha* palustris yellow to 50cm 120
484 *Calydorea* amabilis violet-blue 12-30cm 21 158
485 *coelestina* blue-violet 15-30cm 131
486 *Camassia* leichtlinii blue-violet 20-130cm >
487 *leichtlinii* ssp *leichtlinii* creamy white 20-130cm >
488 *leichtlinii* ssp *suksdorfii* blue-violet 20-130cm 123
489 *quamash* white 20-80cm 95
490 *Camissoniopsis* cheiranthifolia yellow flr/silver-green lvs 15-30cm 34
491 *Campanula* alpestris deep violet-purple 5-10cm 122
492 *americana* light blue-violet 60-180cm 70
493 *aristata* pale blue 7-30cm 122
494 *armena* light blue to 40cm 103
495 *autraniana* rich purple to 20cm 128
496 *bellidifolia* violet-blue 10-15cm 133
497 *bellidifolia* ssp *besenginica* violet to 12.5cm 46
498 *betulifolia* white/pink bud 10-20cm 46
499 'Blue Orb' blue 15-20cm 165
500 *calaminthifolia* blue/white 5cm 46
501 *carpatica* blue 15-30cm 70 155
502 *carpatica* white 15-30cm 28
503 *carpatica* 'Blue Clips' blue-purple 20cm 31
504 *carpatica* 'Rapido Blue' violet-blue 15-20cm 34
505 *carpatica* v *turbinata* violet-blue to 15cm 155
506 *carpatica* 'White Clips' white 20cm 31
507 *chamissonis* 'Major' blue 5-15cm 178
508 *ciliata* pale blue 5-15cm 133
509 *collina* rich purple-blue 15-35cm 103
510 *formanekiana* lilac blue-white flr/grey lvs 15-30cm 189
511 *garganica* 'Senior' lilac 10cm 9
512 *hofmannii* creamy white 30-60cm 72 139
513 *incurva* pale blue-lilac to 30cm 5 103 189
514 *kirpicznikovii* creamy white 15-30cm 122
515 *lactiflora* pale blue/white to 120cm 9
516 *latifolia* mix 60-120cm 88
517 *latifolia* purplish blue 60-120cm 9
518 *latiloba* blue to 80cm 208
519 *latiloba* white/dark center to 80cm 208
520 *lyrata* violet-blue 20-50cm 5
521 *medium* pink 60-80cm 88
522 *moesiaca* pale lilac-blue 30-40cm 206
523 *orphanidea* deep violet-purple flr/grey lvs to 15cm 46
524 *patula* violet-pale blue 40-60cm 9
525 *pendula* creamy white 30-60cm 103 155
526 *persicifolia* violet-blue 30-90cm 75 9
527 *persicifolia* 'Telham Beauty' light lavender 60-120cm 9
528 *pinnatifida* v *germanicopolitana* blue-violet 25-35cm 46
529 *poscharskyana* lavender blue to 30cm 189
530 *poscharskyana* 'Blue Waterfall' deep blue 15-20cm 165
531 *primulifolia* lavender blue to 90cm 206
532 *pulla* dark blue 5-15cm 88
533 *raddeana* lavender-blue/deep violet 20-30cm 189
534 'Ringsabell Mulberry Rose' rose pink 38cm 165
535 *rotundifolia* pale-mid violet-blue 10-50cm 75 118
536 *rotundifolia* white 10-50cm 159
537 *rupestris* (cf) 103
538 'Samantha' blue-violet 10-15cm 115
539 *sarmatica* lilac-blue flr/grey woolly lvs to 50cm 143
540 *saxifraga* deep purple-blue 5-10cm 122
541 'Stansfieldii' white 7.5-15cm 189
542 *stevenii* ssp *turczaninovii* deep blue 20-30cm 122
543 *thyrsoides* pale yellow 20-40cm 118
544 *topaliana* blue-violet 20-40cm 46
545 *trachelium* 'Bernice' double blue-purple 45-60cm 88
546 *tridentata* ssp *biebersteiniana* light-dark blue 5-10cm 45
547 *Campanula* troegerae (ex Turkey) white flr/grey hairy lvs 10-15cm 211
548 *versicolor* lilac/purple 20-40cm 103
549 *Cantua* buxifolia mix to 2m 5
550 *Capnoides* (Corydalis) sempervirens pink/yellow tip 5-80cm 98
551 *Cardiocrinum* cordatum greenish white 70-200cm 51 162 207
552 *giganteum* white/streaked purple 1-3m >
553 *giganteum* v *yunnanense* white/purple-red streak 1-3m 5
554 *Carex* appalachica 20-60cm 206
555 *dipsacea* green-bronze lvs 25-100cm 206
556 *eburnea* 7-30cm 29
557 *muskingumensis* 'Ice Fountains' white-light green variegated lvs 40-60cm 209
558 *pendula* 20-100cm 89
559 *tenuiculmis* reddish brown lvs 20-50cm 206
560 *Carlina* acaulis silvery white/pale pink to 15cm 122
561 *acaulis* ssp *caulescens* silvery white 15-50cm 96
(*Caryopteris* > see also *Tripura*)
562 *Caryopteris* clandonensis (x) 'Worcester Gold' violet-blue flr/golden lvs 60-90cm 206
563 *Catananche* caerulea lavender-blue 30-60cm 157
564 *caespitosa* yellow flr/silver-grey lvs 5-10cm 189
565 *Cedronella* canariensis pink/white 1-1.5m 79
566 *Centaurea* babylonica yellow flr/grey woolly lvs 60-300cm 154
567 *montana* blue-purple 25-80cm 90
568 *Centaurium* erythraea ssp *erythraea* pink to 55cm 197
569 *scilloides* bright pink 7.5cm 13
570 *Centranthus* ruber pink 60cm 90
571 *ruber* 'Albus' white 45-90cm 29
572 *Cerastium* alpinum v *lanatum* white flr/woolly lvs 6-10cm 99 115
573 *tomentosum* white flr/white felted lvs 15-40cm 81
574 *Cercis* canadensis 'Ruby Falls' lavender-pink flr/maroon-purple lvs to 2m 61
575 *chinensis* pink 2-5m 61 175
576 *chinensis* purplish red/pink/white 2-5m 185
577 *siliquastrum* deep pink to 12m 175
578 *Chaerophyllum* argenteum white-pink flr/silver lvs 5-20cm 9
(*Chamerion* > see *Epilobium*)
579 *Chasmanthium* latifolium to 1.5m 206
580 *Cheilanthes* tomentosa woolly grey-green lvs 20-38cm 34
(*Cheiranthus* > see *Erysimum*)
581 *Chelidonium* majus 'Flore Pleno' double yellow to 60cm 90 139
582 *Chiastophyllum* oppositifolium yellow 15cm 156 197 206
583 *Chionanthus* retusus 'Tokyo Tower' white to 6m 58
584 *Chrysactinia* mexicana yellow-orange 10-40cm 3
(*Chrysothamnus* > see *Ericameria*)
(*Cimicifuga* > see *Actaea*)
585 *Cipura* paludosa pale blue-mauve to 25cm 21
586 *Cistanthe* grandiflora bright pink flr/grey-green lvs to 70cm 5
587 *Cistus* creticus rose-purple 1-1.5m 128
588 'Grayswood Pink' pale pink flr/grey-green lvs 30-90cm 19
589 *palhinhae* white to 50cm 198
590 *salviifolius* white 30-60cm 170
591 *sintenisii* white to 25cm 120
592 *Cladrastis* kentukea white 10-15m 175
593 *kentukea* 'Perkins Pink' pink to 15m 111
594 *platycarpa* white to 30m 58
595 *Clarkia* amoena pink-rose purple 10-100cm 155
596 *pulchella* magenta 20-30cm 74
597 *Claytonia* lanceolata white/pink 5-20cm 74
598 *virginica* white/pink 5-20cm 117
599 *Clematis* addisonii reddish-purple/cream tips 60-100cm 102 204 206
600 *alpina* blue/white to 4m 197
601 *alpina* v *fusijamana* reddish-violet 1.5-2m 207
602 *campaniflora* white/tinged violet 3-6m 53 181
603 *carrizoensis* cream/lilac tinged to 3m 118
604 *cirrhusa* 'Freckles' cream/heavily maroon speckled to 4m 102
605 *columbiana* v *tenuiloba* violet-blue 15cm 83
606 *crispa* light violet-blue to 3m 177
607 *crispa* white 100cm 102
608 *fremontii* pale blue-violet/purple 15-45cm 23
609 *fusca* purple-brown 35-200cm 118 171
610 *glaucophylla* deep rose-red/yellow to 5m 49 182
611 *heracleifolia* 'Cassandra' mid-deep blue/fragrant 60-100cm 208
612 *heracleifolia* 'China Purple' violet-blue 60-100cm 206
613 *hexapetala* white 30-100cm 189
614 *hirsutissima* dark violet-blue 15-65cm 59
615 *integrifolia* purple/blue/white 1-1.5m >
616 *integrifolia* Lake Baikal Form lavender-blue 15-45cm 189
617 *integrifolia* 'Mongolian Bells' blue/lavender/pink 25-35cm 189
618 *integrifolia* 'Mongolian Bells' white 25-35cm 189
619 *integrifolia* 'Rosea' pink 60-90cm 83
620 *koreana* yellowish-reddish brown 2-2.5m 181
621 *mandshurica* white 90-150cm 189

Garden Collected

- 622 **Clematis** occidentalis violet blue/reddish violet to 3m 75 121
623 occidentalis (ex St. Louis Co, MN) pink-purple 2-4m 118
624 ochroleuca creamy yellow/greenish to 60cm 38 176
625 pitcheri bluish-purple/reddish-purple to 4m 5 138 142
626 pitcheri v dictyota pale-dark purple to 4m 137
627 recta white 60-150cm 24 52 101
628 recta 'Lime Close' white flr/dark purple lvs to 1.5m 206
629 recta 'Purpurea' white flr/purple new lvs to 1.5m 208 209 210
630 rehderiana pale yellow to 7.7m 206
631 reticulata pale lavender-purple/greenish tip to 4m 49
632 'Rooguchi' indigo-violet/plum purple to 2.4m 24
633 scottii dark violet-blue 15-65cm 25 97 177
634 serratifolia yellow 4-5m 201
635 tangutica bright yellow 2-4m 102
636 tangutica 'Bill MacKenzie' yellow 4-8m 137
637 texensis rose-red/scarlet to 3m 68 137 177
638 tibetana yellow 3-4m 5
639 viorna pink to 4m 59 119
640 viorna pink/cream to 4m 99 208
641 viorna reddish purple-lavender/cream-yellow tip to 4m >
642 viticella blue-violet/rose-violet 2-4m 208
(Cleome > see also Polanisia)
643 **Cleome** hirta purplish-pink to 1.6m 183
644 lutea yellow 25-130cm 189
645 serrulata (PI) purple-pink 30-120cm 113 160
646 serrulata 'Eleni' white 10-150cm 189
647 **Clethra** alnifolia 'Ruby Spice' rose-pink 120-180cm 210
648 **Clianthus** puniceus red/pink 0.8-3m 5
649 **Clinopodium** nepeta 'Marvellete Blue' blue-purple 15-20cm 90
650 **Clintonia** umbellulata white-greenish white flr/black frt
27-60cm 118
651 **Cobaea** scandens greenish white-purple to 4m 51
652 **Codonopsis** alpina (cf) (ex China) pale blue/yellow-purple spots
50cm 211
653 clematidea pale blue/dark veins/purple spots inside 50-100cm
91 189 206
654 convolvulacea ssp grey-wilsonii pale blue/dark purple circle
base 1-3m 5
655 forrestii pale blue/blue-purple 1-3m 5 206
656 lanceolata greenish-cream/purple inside to 1.5m >
657 pilosula yellow-green/purple spots 1-2m 197
658 pilosula ssp tangshen yellow-green/purple spots inside
1-2m 206
659 rotundifolia yellow-green/purple marks inside 1-1.8m 5
660 vinciflora lavender-blue to 1m 206
661 **Colchicum** lusitanicum pink-lilac to 35cm 5
662 macrophyllum rosy-purple tessellated 20-40cm 5
663 soboliferum pink 5-15cm 20
664 sp white to 30cm 209
665 speciosum reddish/violet 15-30cm 206
666 speciosum (ex Turkey) 153
667 szovitsii pale pink to 20cm 126
668 **Collinsia** japonica 'Snow White' white 90cm 131
669 **Collomia** grandiflora salmon-pink 10-100cm 46
670 **Coluteocarpus** vesicaria pinkish white 5-20cm 113 185
671 **Commelina** coelestis bright blue 30-60cm 206
672 communis white 30-90cm 175
673 erecta v erecta (ex Prince William Co, VA) blue 100cm 175
674 **Conostomium** natalense pale blue/lilac/purplish-pink
to 120cm 183
675 **Consolida** ajacis blue-purple 30-80cm 143 210
676 regalis mix 20-60cm 88
677 **Convallaria** majalis 'Golden Jubilee' white flr/yellow lvs
10-30cm 205
678 **Convolvulus** assyricus rose-pink 5-10cm 189
679 compactus rose-pink to 8cm 189
680 compactus white to 8cm 46
681 nitidus pink 2-10cm 46
682 **Coprosma** propinqua pale-dark blue frt to 3m 206
683 **Coreopsis** grandiflora 'Badengold' yellow to 90cm 9
684 lanceolata yellow 10-60cm 81
685 palmata yellow 30-80cm 179
686 rosea 'American Dreams' pink to 45cm 70
687 tinctoria 'Roulette' dark red/yellow 60-90cm 90
688 tripteris yellow 90-180cm 179
689 **Cornus** alternifolia creamy white to 6m 4
690 florida (Michigan bud-hardy strain) white 4.5-9m 130
691 kousa creamy white flr/pink-red frt 7.5-9m 210
(Cortusa > see Primula)
(Corydalis > see also Capnoides)
692 **Corydalis** 'Blackberry Wine' wine-purple flr/blue-green lvs
20-30cm 14
693 calcicola purple 7-20cm 100
694 heterocarpa v japonica pale-bright yellow 15-30cm 32
695 **Corydalis** nobilis cream-yellow/dark tip 30-50cm 33 139
696 ophiocarpa pale yellow-dark tips flr/blue-grey lvs 30-50cm 206
697 solida (moist packed) mix 10-25cm 209
698 sp CC 3862 yellow 30cm 32
699 **Corylopsis** gotoana yellow to 5m 185
700 **Corynabutilon** (Abutilon) vitifolium white to 4m 157
(Coryphantha > see also Escobaria)
701 **Coryphantha** pseudoechinus bright pink-magenta 7-12cm 49
702 **Cosmos** sulphureus 'Cosmic Orange' semi-double orange
35cm 9
703 **Cota** (Anthemis) tinctoria 'E.C. Buxton' pale yellow 60cm 9
704 **Cotinus** 'Grace' pink flr/dark red lvs 2-5m 90
705 **Cotoneaster** verruculosus (ex China) red frt 1m 106
706 **Cotula** 'Tiffindell Gold' yellow 10-20cm 189
707 **Cremanthodium** arnicoides yellow 10-45cm 40
708 ellisii (ex CC7220) yellow 18cm 67
709 **Crepis** incana pink to 30cm 20
710 **Crococsmia** 'Vulcan' scarlet red 45-60cm 35
711 **Crocus** banaticus violet-lilac 4-10cm 60 96
712 cartwrightianus pale-deep lilac 8-10cm 66
713 flavus ssp dissectus orange-yellow 9-12cm 126
714 fleischeri 'Gulek Pass' white/deep yellow throat 5-9cm 126
715 hadriaticus white/yellow throat 10cm 126
716 hadriaticus 'Purple Heart' white/deep purple throat 10cm 126
717 heuffelianus white 25-35cm 67
718 pulchellus pale/deep lavender blue 12-20cm 8
719 speciosus 'Artabir' pale blue/dark veins 12cm 126
720 **Crotalaria** sessiliflora blue/purplish blue 30-90cm 85
721 **Cryptotaenia** japonica f atropurpurea light pink-purple flr/purple
lvs 30-60cm 139 206
722 **Cunila** origanoides purple 20-40cm 189
723 **Cupressus** cashmiriana 20-45m 58
724 **Cyclamen** africanum rose pink 11-12cm 100
725 balearicum white 10-15cm 123
726 cilicium pink 6-12cm 16 41
727 confusum pink flr/thicker lvs 15cm 41
728 coum mix 10cm 5
729 coum pink 10cm 206
730 graecum pink 6-16cm 5 50 123
731 graecum white 6-16cm 123
732 graecum 'Windmill' 104
733 hederifolium mix 8-20cm 66 153 199
734 hederifolium pink 8-20cm 73
735 hederifolium white 8-20cm 5 20 182
736 hederifolium (arrowhead lvs) white 8-20cm 173
737 hederifolium (ex CSE) 66
738 hederifolium (mixed forms) mix 15cm 206
739 hederifolium 'Artemis' white flr/double grey shield lvs 8-20cm 66
740 hederifolium 'Ruby Red' ruby red 8-20cm 5
741 hederifolium Silver Leaf Group mix 8-20cm 206
742 hederifolium Silver Leaf Group pink 8-20cm 192
743 hederifolium Silver Leaf Group white 8-20cm 192
744 hederifolium 'Silver Me Pink' pink flr/Christmas-tree pattern lvs
10cm 206
745 mirabile pale-deep pink 5-13cm 163
746 persicum mix 13-32cm 5
747 pseudibericum pink/magenta-purple to 12cm 41
748 **Cynoglossum** amabile blue flr/grey-green lvs 15-60cm 5 90
749 **Cypella** coelestis blue-lavender 60-90cm 5
750 **Cypripedium** kentuckiense ivory-pale yellow/dark red-brown
mottled sepal 35-97cm 30
751 parviflorum v pubescens yellow/red-brown striated sepals
12-80cm 30
752 reginae pink-magenta/white sepals 21-90cm 30
753 **Dactylicapnos** (Dicentra) macrocapnos yellow 2-8m 42
754 scandens yellow 2-5m 206
755 **Danae** racemosa greenish flr/red frt to 120cm 149
756 **Daphne** giraldii golden yellow 45-80cm 189
757 kurdica white 30-60cm 97
758 laureola ssp philippi yellow-green 30-60cm 33
759 mezereum pink-light purple 50-150cm 45 208
760 mezereum white to 150cm 208
761 oleoides cream-white/pink tinted to 60cm 42 189
762 pontica yellow-green 50-100cm 33
763 pontica ssp haematocarpa yellow-green flr/red frt to 1m 106
764 retusa purple-pink bud/white flr 40-150cm 50
765 **Dasyliirion** berlandieri yellow flr/waxy bluish lvs 2-3.5m flr spike 131
766 **Datura** innoxia (PI) white flr/greyish lvs to 1m 45
767 stramonium v tatula white/pale purple 50-150cm 45
768 **Decaisnea** insignis greenish-yellow flr/long blue-black frt to 5m 206
769 **Degenia** velebitica yellow flr/silver-grey lvs 5-10cm >
770 **Deinantha** caerulea blue 30-50cm 146
771 **Delosperma** alpinum white flr/purple-black lvs in sun 2.5cm 189
772 ashtonii rose-pink/magenta 5-10cm 91 189

Garden Collected

- 773 **Delosperma** congestum yellow 5-10cm 189
774 cooperi magenta-pink 10-15cm 9
775 cooperi 'John Proffitt' fuchsia-pink to 7.5cm 90
776 lavisiae (ex RBG) 189
777 'Red Mountain Flame' orange-red 5cm 189
778 sutherlandii 'Peach Star' peach-pink 8cm 189
779 **Delphinium** alpestre dark blue 5-25cm 91
780 carolinianum 'Bastrop' pure blue 60cm 131
781 elatum blue/purple 40-200cm 81
782 exaltatum pale lavender/purple 70-200cm 69 121
783 grandiflorum 'Blauer Zwerg' deep blue 30-40cm 35
784 nudicaule darker red 20-50cm 15
785 pylzowii blue-purple/bluish-grey 20-55cm 189 197
786 speciosum dark blue 10-60cm 103
787 tatsienense purple-blue 30-80cm 93 128
788 triste black 30-70cm 169
789 trolliifolium deep blue 40-120cm 95 135
790 **Deutzia** gracilis pink 70cm 81
791 **Dianthus** Allwoodii Alpinus Group light pink/dark maroon center 15-20cm 165
792 alpinus rich pink 5-10cm 81 109 136
793 alpinus white 5-10cm 9
794 alpinus 'Joan's Blood' deep crimson flr/greyish lvs 5-10cm 47
795 arenarius white 20-30cm 5 189
796 arpadianus pink 5cm 97
797 barbatus mix 30-60cm 97
798 barbatus white/red 20-30cm 105
799 'Berlin Snow' white 8cm 9
800 brevicaulis dark purple-pink 5-10cm 189
801 callizonus pink-carmine 5-10cm 97
802 carthusianorum pink-purple to 60cm 24
803 caryophyllus 'Texas Rose' pink flr/grey-green lvs to 50cm 90
804 chinensis lavender blue 30-50cm 109
805 chinensis magenta/pink/white 30-50cm 135
806 chinensis 'Siberian Blue' lavender-blue/reddish-violet to 30cm 90 165
807 deltoides bright pink 15-25cm 9 35 143
808 deltoides dark red 15-25cm 70
809 deltoides white 10-25cm 5
810 deltoides white/red eye 20cm 81
811 deltoides 'Arctic Fire' white/red-pink eye 15-20cm 165 199
812 deltoides 'Brilliant' crimson/scarlet red 15-20cm 165
813 deltoides 'Leuchtfunk' deep red 45cm 9
814 deltoides 'Shrimp' salmon pink 10-20cm 70
815 deltoides 'Zing Rose' rose-red 10-20cm 148
816 ferrugineus dark ruby red to 50cm 46
817 freynii pink flr/grey-green lvs 5-10cm >
818 giganteus purple-pink to 1m 87
819 glacialis pink to 5cm 92 152 169
820 glacialis ssp gelidus deep pink 1-5cm 128
821 gracilis dark pink 15-40cm 9
822 graniticus bright pink 20-40cm 82
823 gratianopolitanus deep rose-pink flr/blue-green lvs 6-25cm 81 115
824 gratianopolitanus 'Feuerhexe' magenta pink flr/blue-grey lvs 10-20cm 90
825 gratianopolitanus hybrids pink flr/grey lvs to 20cm 183
826 haematocalyx ssp pindicola pinkish-purple 1-6cm 97 136 172
827 haematocalyx ssp ventricosus (ex Parnassus, Greece) 103
828 knappii soft yellow to 40cm 18 127 189
829 'La Bourboule Alba' white flr/silver-grey lvs 5-10cm 20 52
830 monspessulanus rose-pink/white to 25cm 189
831 myrtinervius bright pink 2-5cm >
832 nardiformis pink to 10cm 129
833 nitidus deep pink 7-15cm 121 189
834 'Nyewood Cream' cream-blush pink flr/grey-green lvs 8-10cm 188
835 pavonius pink-purple 2-25cm >
836 petraeus red-pink 25cm 161
837 petraeus white 5-15cm 20 93
838 petraeus ssp noeanus white 10-15cm 80
839 pinifolius rose-red 10-20cm 165
840 plumarius white flr/grey green lvs 30-40cm 70
841 sp 189
842 squarrosus pink to 10cm 78
843 squarrosus white flr/grey-green lvs to 10cm 64
844 'Starburst' red-pink-white flr/blue-green lvs to 25cm 165
845 sternbergii pink/white to 20cm 100
846 subacaulis pale-carmine pink 3-20cm 67 83 197
847 subacaulis pink flr/blue lvs 5-10cm 36
848 superbus white 25-60cm 57
849 superbus (ex Finnmark, Norway) pink 30cm 169
850 superbus 'Spooky' white/pink 40-50cm 90
851 sylvestris pink to 10cm 206
852 webbii pinkish purple 5-15cm 120
- (**Dicentra** > see also **Dactylocapnos**, **Lamprocapnos**)
853 **Dicentra** eximia rose-pink 30-45cm 57
854 gothoburgensis (x) f alba (nv) (moist packed) 1
855 **Dichelostemma** volubile pink/white 40-150cm 15
(**Didiscus** > see **Trachymene**)
856 **Dierama** erectum pink 90-150cm 157
857 igneum rose pink to 90cm 35
858 pauciflorum pink 30-60cm 199
859 pauciflorum (aff) rose-pink 50cm 206
860 pulcherrimum 'Blackbird' dark maroon-purple to 1.2m 23
861 reynoldsii deep magenta-purple flr/silver bract 1-2m 155
862 robustum (cf) pink 173
863 trichorhizum mauve-pink to 60cm 199
864 **Digitalis** ferruginea pale yellow-golden brown/rusty 90-150cm 50 155 206
865 grandiflora pale yellow 70-120cm >
866 laevigata yellow-brown/white lower lip w/purple veins 70-90cm 205
867 lamarckii cream-white/purplish-brown veins 25-80cm 206
868 lutea pale yellow 60-90cm >
869 lutea 'Flashing Spires' pale yellow flr/variegated lvs 60cm 90
870 mariana rose-purple flr/grey felted lvs 40-140cm 189
871 obscura rusty dark orange/green-yellow 30-60cm 113 126
872 obscura (compact form) 6
873 parviflora reddish brown 30-60cm 50 200
874 purpurea purple-pink 1-2m 59 65
875 purpurea Excelsior Group pink/white/purple 90-150cm 90
876 thapsi pink flr/woolly lvs 30-60cm 34 61 181
877 thapsi 'Spanish Peaks' rose-pink 45-60cm 90 124
878 trojana whitish/reddish-brown veins 30-80cm 206
879 viridiflora yellow-green 60-90cm 57
880 **Dioscorea** quinquelobata greenish yellow to 2m 42
881 **Dipelta** floribunda white-pinkish w/yellow throat 3-6m 42
882 **Diphylleia** cymosa white flr/blue frt to 120cm 146
883 **Disanthus** cercidifolius purple 1.8-3m 24
(**Disporum** > see also **Prosartes**)
884 **Disporum** longistylum greenish-yellow 30-90cm 206
885 **Dodecatheon** dentatum white 15-40cm 155
886 jeffreyi magenta-lavender/cream 10-60cm 83
887 meadia lavender-magenta 10-50cm 5 155 201
888 meadia white 10-50cm >
889 mixed species pink/white 30cm 88
890 pulchellum magenta-lavender 10-45cm >
891 **Doronicum** pardalianches yellow to 90cm 91
892 **Douglasia** (Androsace) montana rose pink 2-5cm 74
893 **Draba** acaulis yellow 1-5cm 46
894 aizoides yellow 5-10cm 47 83 148
895 arabisans white 7-30cm 143 188
896 brunifolia yellow 1-8cm 115
897 cusickii yellow 3-12cm 197
898 dedeana white 5-8cm >
899 densifolia pale yellow 2-10cm 88
900 hispanica yellow 2-10cm 97 189
901 incerta yellow flr/hairy lvs 4-14cm 197 209
902 kitadakensis white flr/grey-green lvs 10-15cm 197
903 korabensis (hort) yellow 5-10cm 197
904 lasiocarpa yellow 5-20cm >
905 norvegica white 4-14cm 189
906 novolympica bright yellow to 4cm 97 209
907 oligosperma yellow/cream white 2-10cm 103
908 ossetica white 7-10cm 97
909 polytricha bright yellow 1-5cm 113 189
910 ramosissima white 7-40cm 197
911 rigida yellow 3cm 103
912 sachalinensis white flr/greyish lvs 10-25cm 197
913 sakuraii white 7-20cm 197
914 sp (ex Mt Tymfristos, Greece) yellow 4cm 46
915 sphaeroides yellow 3-8cm 197
916 ventosa yellow 2-4cm 122
917 **Dracocephalum** argunense blue-purple 35-57cm 81
918 argunense 'Blue Ice' light blue 30-45cm 11 16
919 botryoides lavender-pink flr/woolly lvs 10-15cm 189
920 bullatum blue-purple 9-18cm 189
921 grandiflorum dark blue 15-26cm 189
922 moldavica bluish purple 22-40cm 79
923 renati creamy white 20-25cm 189
924 ruyschiana blue-purple 15-25cm 118 141
925 **Dracunculus** vulgaris maroon to 90cm 60 189
926 **Drimys** winteri white 7-20m 23
927 **Dryas** octopetala white/cream 3-12cm 13 17 20
928 octopetala v tenella white 5cm 197
929 suendermannii (x) cream 10cm 101
930 **Dyckia** 'Cherry Coke' orange flr/burgundy lvs/flr scape to 150cm 132

Garden Collected

- 931 **Eccremocarpus** scaber red-orange to 5m 5 206
 932 **Echeandia** texensis yellow 55-105cm 132 174
 933 texensis 'Loma del Potrero Cerdado' yellow to 150cm 131
 934 **Echinacea** 'Leilani' golden yellow 90-100cm 200
 935 purpurea pink-purple 50-120cm 9
 936 purpurea white 50-120cm 9
 937 purpurea 'Cheyenne Spirit' yellow/red/orange shades 40-75cm 200
 938 purpurea 'PowWow Wild Berry' deep rose-purple 40-50cm 200
 939 'Sombrero Salsa Red' red-orange 45-60cm 200
 940 tenesseensis pink-purple to 50cm 157
 941 **Echinocactus** parryi yellow 20-30cm 167
 942 **Echinocereus** reichenbachii v perbellus magenta 10-25cm 117
 943 reichenbachii v reichenbachii pink-magenta 7-30cm 30
 944 **Echinops** ritro steel blue 90-120cm 192
 (**Echium** > see also **Pontechium**)
 945 **Echium** amoenum russet-red 15-40cm 90 93
 946 amoenum 'Red Feathers' red 25-40cm 195
 947 **Edraianthus** dalmaticus violet-blue 3-7cm 20
 948 graminifolius blue-violet 5-10cm 20 189
 949 horvatii blue-violet to 10cm 136
 950 niveus white 5-10cm 120
 951 pumilio violet-blue flr/silver lvs 1-3cm 20 133
 952 sp blue-violet 10cm 206
 953 tenuifolius blue-violet 5-20cm 147
 954 **Elmora** racemosa white/greenish-yellow 10-35cm 45
 955 **Elsholtzia** densa purplish 20-60cm 79
 956 stauntonii rose-purple 70-170cm 210
 (**Elymus** > see **Hystrix**)
 957 **Embothrium** coccineum deep red/yellow 4-15m 23
 958 **Enemion** (Isopyrum) biternatum (moist-packed) white 10-40cm 209
 959 **Engelmannia** peristenia yellow to 1m 90
 960 **Ennealophus** euryandrus (ex coll #A1AG-006) blue-lavender 30cm 131
 961 **Epilobium** canum ssp canum red-orange 30-60cm 50 60
 962 canum ssp garrettii red-orange 15-40cm 90 97
 963 canum ssp latifolium red-orange 10-50cm 60
 964 fleischeri bright pink 10-40cm 128 155
 965 **Epipactis** gigantea greenish-rose/red-brown 30-140cm 30 155
 966 **Epithelantha** micromeris pink-white flr/dense white-grey spines 1-5cm 49 46
 967 **Eragrostis** spectabilis reddish-purple 30-70cm 4
 968 trichodes 30-120cm 189
 969 **Eranthis** hyemalis yellow to 15cm 51 77 88
 970 hyemalis (moist packed) yellow 5-15cm 22
 971 hyemalis 'Schwefelglanz' pale sulphur yellow-apricot 5-15cm 100
 972 **Eremogone** (Arenaria) congesta white 3-40cm 197
 973 hookeri white 1-15cm 189
 974 pseudacantholimon white 15-30cm 97
 975 **Eremurus** luteus (ex Iran) 103
 976 stenophyllus yellow 30-150cm 189
 977 **Erica** darleyensis (x) 'Kramer's Rote' magenta to 40cm 165
 978 **Ericameria** (Chrysothamnus) nauseosa (dwarf form) yellow 189
 979 **Eriogonum** alpinus lilac/red-purple 15-20cm 9
 980 arenarioides blue 6-25cm 113
 981 aureus yellow flr/woolly grey lvs 1-15cm 70
 982 compositus lilac 5-15cm 189
 983 compositus 'Mt. Adams Dwarf' white flr/grey-green lvs 2-5cm 46 113
 984 elegantulus mix 3-15cm 189
 985 elegantulus violet-lavender 3-15cm 46
 986 flettii (cf) pale yellow 5-10cm 197
 987 glaucus lavender 5-30cm 35
 988 glaucus (cf) pink 15cm 197
 989 glaucus 'Olga' lavender to 30cm 189
 990 glaucus 'Sea Breeze' lavender pink 15-30cm 9
 991 howellii white 20-50cm 136
 992 leiomerus blue 4-12cm 38
 993 leiomerus pink 4-12cm 197
 994 leiomerus purple 4-12cm 28
 995 leiomerus white/blue-purple 4-12cm 141
 996 linearis yellow/cream 5-15cm 122 126 189
 997 nanus blue-purplish 2-10cm 200
 998 nematophyllus white-pink 4-18cm 122
 999 ochroleucus white-pinkish/blue-lavender 8-18cm 113 122
 1000 peregrinus purplish-pink/white 5-55cm 189
 1001 pinnatisectus light blue-purplish 4-11cm 50 80 184
 1002 sp pink 10cm 78
 1003 speciosus blue-lavender 30-80cm 120
 1004 speciosus 'Pink Jewel' semi-double pink 45-60cm 9
 1005 tener blue-purple flr/grey-green lvs 2-15cm 46
 1006 ursinus pink-bluish purple 5-25cm 147 189
 1007 **Erinus** alpinus mix 10-15cm >
 1008 alpinus rose-pink 10-15cm >
 1009 **Erinus** alpinus white 10-15cm 29 97 203
 1010 **Eriogonum** allenii yellow 30-50cm 189
 1011 caespitosum yellow-reddish rose 3-10cm 189
 1012 compositum (compact form) pale-bright yellow 30cm 97
 1013 corymbosum white-cream 15-80cm 189
 1014 flavum yellow 10-30cm 189
 1015 jamesii white-cream 5-25cm 189
 1016 ovalifolium mix 2-30cm 189
 1017 ovalifolium v eximium white 2-30cm 189
 1018 pauciflorum whitish brown-rose 3-20cm 189
 1019 pulchrum white-rose/greyish lvs 8-15cm 189
 1020 racemosum white-pinkish 30-80cm 161
 1021 umbellatum orange 189
 1022 umbellatum 'Shasta Sulfur' lemon yellow to 30cm 189
 1023 umbellatum v aureum bright yellow 10-35cm 189
 1024 umbellatum v umbellatum bright yellow 10-35m 189
 1025 **Eriophorum** vaginatum white 10-60cm 121
 1026 **Eriophyllum** lanatum v integrifolium yellow 10-20cm 70
 1027 **Eriosyce** kunzei KP784 (ex Chile) orange 5-7cm 167
 1028 **Eritrichium** canum blue 15-40cm 81 9 100
 1029 **Erodium** chrysanthum creamy yellow flr/silver-grey lvs 15-20cm 189
 1030 manescavi magenta-purple 20-45cm 189
 1031 **Eryngium** agavifolium green/white 1m 160 189
 1032 bourgatii silver-blue 15-45cm 92 189
 1033 giganteum bluish-silver to 120cm 135
 1034 planum silvery blue to 60cm 90
 1035 planum 'Blue Hobbit' blue 30cm 9
 1036 yuccifolium greenish-white to 1.5m 147
 1037 **Erysimum** alpinum (hort) yellow 25cm 197
 1038 capitatum orange-yellow 12-60cm 189
 1039 cheiri (x) orange/red-brown 40cm 18
 1040 cheiri (x) 'Ivory White' cream 45cm 102
 1041 kotschyanum yellow flr/grey lvs 5-10cm 113
 1042 marshallii (x) orange to 50cm 81 114 200
 1043 occidentale bright-pale yellow 5-30cm 46
 1044 rhaeticum yellow 10-50cm 39
 1045 **Erythronium** oregonum cream-white 15-40cm 95 97 123
 1046 revolutum violet-pink 15-40cm >
 1047 revolutum 'Knights Hayes Pink' pink flr/mottled lvs 25cm 82
 1048 'Ruapuna Dawn' pale pink 15-40cm 104
 1049 sp mixed 100
 1050 **Eschscholzia** californica yellow-orange 5-60cm 62
 (**Escobaria** < some formerly **Coryphantha**)
 1051 **Euonymus** americanus pale green flr/red-orange frt 2-3.5m 76
 1052 americanus (moist packed) pale green flr/red-orange frt 2-3.5m 149
 (**Eupatorium** > see also **Eutrochium**)
 1053 **Eupatorium** cannabinum pinkish 30-150cm 90
 1054 rotundifolium v scabridum white 40-100cm 144
 1055 serotinum white 50-150cm 144
 1056 **Euphorbia** epithymoides sulphur yellow to 45cm 90
 1057 rigida acid yellow flr/blue-grey lvs 30-60cm 129
 1058 **Eurybia** (Aster) divaricata white 28-90cm 209
 1059 sibirica white/purple/pale violet 5-60cm 69
 1060 **Eutrochium** (Eupatorium) purpureum purplish 30-200cm 179
 1061 **Exochorda** macrantha (x) 'The Bride' white to 1.2m 175
 1062 **Ferocactus** chrysacanthus Red Spine form yellow-orange flr/ bright red spines 30-90cm 167
 1063 **Ferula** assa-foetida pale greenish-yellow 1-2m 108
 1064 **Fibigia** clypeata yellow flr/grey woolly lvs 15-75cm >
 1065 **Filipendula** ulmaria (cf) (ex Kazakhstan) 189
 1066 vulgaris creamy white 30-90cm 28 81
 1067 **Firmiana** simplex greenish-white 10-15m 187
 1068 **Fragaria** vesca white flr/red frt 5-30cm 165
 1069 **Frailea** castanea yellow 4-5cm 49
 1070 mammifera yellow to 3cm 49
 1071 phaeodisca yellow 3cm 49
 1072 pumila yellow flr/yellowish-brown spines 2-5cm 49
 1073 schilinzkyana yellow 3cm 49
 1074 **Francoa** appendiculata pale pink/rose markings 60-90cm 206
 1075 sonchifolia pink to 60cm 34 80
 1076 **Frangula** caroliniana pale yellow-green 4-12m 58
 1077 **Freesia** alba white/purple-yellow flush 12-40cm 21
 1078 grandiflora red to 60cm 21
 1079 laxa red 20-35cm 98
 1080 laxa white 20-35cm 175
 1081 laxa 'Joan Evans' white/red eye to 30cm 200
 1082 laxa ssp azurea pale blue/violet-blue markings 15-30cm 15
 1083 leichtlinii cream 8-20cm 21
 1084 viridis green-dull purplish 10-35cm 102
 1085 **Fritillaria** acmopetala yellowish green-purplish brown 30-45cm >
 1086 alburyana pale purplish pink 4-10cm 42
 1087 alburyana (ex Turkey) 153

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- 1088 **Fritillaria** camschatcensis greenish-brown/brownish-purple 20-60cm 169
- 1089 caucasica purplish-black 10-20cm 189
- 1090 collina yellow 15-30cm 40
- 1091 conica yellow 7-25cm 8
- 1092 ehrhartii purple-brown/yellow tip 6-20cm 8
- 1093 elwesii dark purple/green 15-30cm 20
- 1094 imperialis mix 40-100cm 208
- 1095 imperialis (wild form) orange 96
- 1096 imperialis 'Lutea' yellow 90-120cm 38
- 1097 kurdica 'Sunny Day' yellow-brown 15cm 78
- 1098 latifolia (ex Turkey) 153
- 1099 meleagris mix 15-40cm 59 101 206
- 1100 meleagris purple checkered 15-40cm >
- 1101 meleagris white 15-40cm 209
- 1102 messanensis green/reddish brown 15-30cm 113
- 1103 messanensis ssp gracilis red-purple/brown 20-35cm 153
- 1104 minuta reddish-brown/purplish 10-20cm 153
- 1105 montana (cf) pink 30cm 169
- 1106 olivieri green-brown 15-40cm 65
- 1107 orientalis purple-brown checkered 15-50cm 42 82
- 1108 pallidiflora pale yellow 15-45cm >
- 1109 persica 'Ivory Bells' creamy green-ivory white 30-90cm 22
- 1110 pontica pale green/maroon tinged 15-45cm 126 155
- 1111 raddeana pale yellow 50-80cm 22 96
- 1112 thunbergii pale yellow/purplish tessellation inside 15-80cm 8
- 1113 **Fumana** procumbens yellow 10-30cm 189
- 1114 thymifolia yellow 20-30cm 113
- 1115 thymifolia v viridis yellow to 20cm 128
- 1116 **Gaillardia** grandiflora (x) 'Arizona Sun' red-orange/yellow tips 30cm 134
- 1117 grandiflora (x) 'Kobold' red/yellow tips 30-40cm 90 165
- 1118 grandiflora (x) 'Mesa Yellow' yellow 45cm 9 88
- 1119 **Galatella** (Aster) sedifolia 'Nana' deep lavender-blue 30-45cm 189
- 1120 **Galax** urceolata white 20-40cm 24
- 1121 **Galeopsis** ladanum deep pink-red 10-40cm 79
- (**Galtonia** > see **Ornithogalum**)
- 1122 **Galvezia** juncea bright red-scarlet to 1m 7
- 1123 **Gaura** longiflora white-pink 60-180cm 179
- 1124 **Geissorhiza** monanthos dark blue-violet/white center 6-20cm 194
- 1125 splendidissima dark purple-blue 8-20cm 194
- 1126 **Gelasine** elongata bright blue to 75cm 132
- 1127 **Genista** horrida yellow 30-40cm 189
- 1128 sagittalis ssp delphinensis yellow 7-15cm 189
- 1129 **Gentiana** acaulis blue 2-8cm 156 189
- 1130 acaulis 'Arctic Fanfare' palest blue/white to 10cm 102
- 1131 affinis blue 10-35cm 9
- 1132 andrewsii dark blue 30-60cm >
- 1133 andrewsii white 60cm 188
- 1134 asclepiadea deep blue-purple 60-90cm 24 33 206
- 1135 asclepiadea mix 30-80cm 182
- 1136 asclepiadea white 60-90cm >
- 1137 asclepiadea 'Pink Swallow' pink 30-80cm 96
- 1138 asclepiadea 'Rosea' pink-rose 30-60cm 33 206
- 1139 cachemirica blue 10-25cm 165
- 1140 clausa blue-purple 30-60cm 26 24
- 1141 clausa white 30-60cm 182
- 1142 cruciata violet-blue 20-40cm 24
- 1143 cruciata 'Blue Cross' dark blue to 30cm 206
- 1144 dahurica dark blue-purple 10-25cm 50 110 146
- 1145 depressa pale purple-blue 3-6cm 9 170
- 1146 'Diana' white 20-35cm 9
- 1147 lutea yellow 1-2m 104
- 1148 macrophylla blue-purple 30-60cm 206
- 1149 makinoi 'Marsha' rich violet-blue 40cm 9
- 1150 paradoxa blue 15-25cm >
- 1151 paradoxa x septemfida blue 10-20cm 189
- 1152 saponaria 'Rockford' blue 45cm 131
- 1153 septemfida blue 15-30cm 9 201
- 1154 septemfida white 15-30cm 189
- 1155 septemfida v lagodechiana blue to 10cm 9
- 1156 siphonantha dark blue-purple 10-25cm 122
- 1157 tibetica pale yellow-green/cream 40-50cm 206
- 1158 triflora blue/white mix 35-80cm 206
- 1159 triflora blue-purple 35-60cm 9
- 1160 triflora ssp japonica white 30-80cm 171
- 1161 uniflora blue 5-10cm 189
- 1162 verna deep blue 5-8cm 10 102
- 1163 villosa 'Thomasville' white/green veins 10cm 131
- 1164 **Gentianella** diemensis white/grey-violet veins 10-50cm 196
- 1165 **Geranium** brevicaule 'Nigricans' white flr/dark brown lvs 2.5-15cm 80
- 1166 collinum white/pale pink 133
- 1167 **Geranium** ibericum violet-blue 15-40cm 179
- 1168 maculatum rose-purple/violet-purple to 60cm 209
- 1169 maculatum white to 60cm 16
- 1170 magniflorum purple 15-25cm 189
- 1171 platypetalum (ex Turkey) 133
- 1172 pratense blue flr/variegated new lvs to 60cm 205
- 1173 pratense purplish/white 30-70cm 189
- 1174 pratense Midnight Reiter strain blue flr/deep bronze-purple lvs to 25cm 189
- 1175 pyrenaicum white 30-70cm 73
- 1176 pyrenaicum 'Bill Wallis' deep violet-blue to 35cm 105
- 1177 subacutum white/pale pink 20cm 133
- 1178 subcaulescens bright pink/black center to 20cm 133
- 1179 thunbergii pale rose/rose-purple 30-50cm 179
- 1180 **Geum** 'Lady Stratheden' semi-double yellow to 60cm 9
- 1181 rivale pink 25-70cm 70
- 1182 triflorum cream/pink-purple 10-45cm 16
- (**Gilia** > see **Ipomopsis**)
- 1183 **Gillenia** (Porteranthus) stipulata white 40-100cm 16 175
- 1184 trifoliata white/pale rose 40-100cm 4 101 204
- 1185 **Gladiolus** carneus pink/red throat 25-60cm 194 206
- 1186 communis reddish purple 50-100cm 155
- 1187 communis ssp byzantinus deep red-purple to 90cm 206
- 1188 dalenii 'Carolina Primrose' pale yellow 45-90cm 206
- 1189 flanagani bright red/paler red to 30cm 97
- 1190 imbricatus red-violet purple 40-60cm 124 201 207
- 1191 italicus pink-light purple 50-100cm 42
- 1192 italicus (ex Crete) 123
- 1193 tenuis purple-violet to 60cm 82
- 1194 trichonemifolius yellow-whitish 10-25cm 72
- 1195 tristis white/cream-yellow 50-90cm 102
- 1196 **Glaucidium** palmatum (many stems w/2 flrs rather than 1) 186
- 1197 palmatum mix 45-60cm 185
- 1198 palmatum pale pink 45-60cm 186
- 1199 palmatum pink-pale purple 45-60cm >
- 1200 palmatum white 45-60cm 1
- 1201 **Glaucium** acutidentatum x corniculatum 189
- 1202 fimbriigerum yellow/orange 30-60cm 189
- 1203 flavum yellow to 80cm 19 62
- 1204 grandiflorum x flavum hybrid orange 60-90cm 116
- 1205 **Globba** schomburgkii yellow 30-60cm 132
- 1206 **Globularia** cordifolia pale lavender-blue 5-10cm >
- 1207 incanescens pale blue 5-10cm 189
- 1208 meridionalis bluish pink 10-15cm 127 188
- 1209 nudicaulis blue 20-30cm 81 118
- 1210 punctata blue 10-30cm 9 120 189
- 1211 repens blue-lilac 1-5cm 141 197
- 1212 sp good dark blue 20cm 166
- 1213 spinosa blue 10-20cm 128 154 189
- 1214 stygia blue 5-10cm 189
- 1215 trichosantha violet-blue 15-20cm 9 88 209
- 1216 **Glycyrrhiza** echinata lilac to 2m 135
- 1217 **Gymnocalycium** denudatum cream white 10cm 23
- 1218 **Gypsophila** aretioides 'Caucasica' white 3cm 97
- 1219 elegans white/pink 4-60cm 9
- 1220 tenuifolia white-pink to 20cm 9
- 1221 **Haberlea** rhodopensis purple/lilac/white 8-15cm 189 197
- 1222 **Hablitzia** tamnoides green to 3m 180
- 1223 **Habranthus** 'Cherry Pink' rose-pink robust 45cm 21
- 1224 robustus pale pink-lavender 15-30cm 21 132 174
- 1225 tubispathus yellow-copper 10-20cm 132 174
- 1226 **Halesia** carolina white to 24m 75
- 1227 **Haplopappus** glutinosus yellow-orange 5-15cm 141 156 166
- 1228 prunelloides yellow 3-10cm 53
- 1229 **Harpochloa** falx to 50cm 189
- 1230 **Helenium** amarum yellow 10-100cm 4
- 1231 sp yellow 30cm 70
- 1232 **Helianthemum** nummularium mix 20-30cm 189
- 1233 nummularium ssp pyrenaicum pink 20-30cm 97
- 1234 oelandicum ssp italicum white 10-25cm 97
- 1235 **Helianthus** annuus 'Teddy Bear' golden-yellow to 45cm 9
- 1236 maximiliani yellow 50-300cm 179
- 1237 microcephalus yellow 20-200cm 179
- 1238 **Helichrysum** aureum (dwarf form) yellow flr/white-woolly lvs 189
- 1239 milfordiae white/crimson reverse flr/woolly lvs 5-12cm 120
- 1240 orientale deep yellow flr/white felted lvs 15-30cm 39
- 1241 plicatum yellow-cream flr/white woolly lvs 4-42cm 120
- 1242 thianschanicum yellow flr/whitish-grey lvs 30-60cm 189
- 1243 **Helleborus** hybridus (x) double forms mixed 30-50cm 206
- 1244 hybridus (x) mixed to 45cm 206
- 1245 hybridus (x) white to 45cm 206
- 1246 hybridus (x) (moist packed) white w/dark spots to 45cm 209
- 1247 hybridus (x) 'Birkin's Double Pink' (moist packed) double pink to 45cm 209

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- 1248 **Helleborus** hybridus (x) 'Eco Black Lace' (moist packed) dark purple-black to 45cm 209
- 1249 hybridus (x) 'Eco Dragon's Blood' (moist packed) pink/green w/dark spots to 45cm 209
- 1250 hybridus (x) Pine Knot Select Black (moist packed) slate black to 45cm 209
- 1251 hybridus (x) 'Sunshine Strain' mix 30-45cm 77
- 1252 hybridus (x) 'Sunshine Strain' (moist packed) mix 30-45cm 209
- 1253 lividus ssp corsicus pale green-cream 45-90m 73 206
- 1254 niger white 15-30cm 189
- 1255 niger Blackthorn Strain (moist packed) pink buds/white flr turns pink to 30cm 209
- 1256 **Helonias** bullata purplish pink 10-60cm 145
- 1257 **Heloniopsis** orientalis lavender-pink 10-50cm 116
- 1258 orientalis v breviscapa white/purplish-pink 10-20cm 1
- 1259 umbellata white tinged pink 4-20cm 155
- 1260 **Hemerocallis** citrina v vespertina clear yellow 1-1.4m 57
- 1261 **Hemiboea** subcapitata white/purple spotted 10-40cm 42
- 1262 **Hepatica** nobilis (moist packed) blue 10-15cm 201
- 1263 nobilis 'Poland' (nv) blue 104
- 1264 nobilis v obtusa pink 5-20cm 173
- 1265 **Heptacodium** miconioides white to 7m 210
- 1266 **Herbertia** lahue bluish purple-violet 8-15cm 194
- 1267 tigridioides (ex coll # ArSd 2.966.209) blue 20cm 131
- 1268 **Hermannia** incana yellow flr/grey woolly lvs 10-180cm 206
- 1269 **Hesperantha** baurii bright pink to 20cm 41
- 1270 coccinea coral-red to 60cm 206
- 1271 cucullata pure white 30-40cm 194
- 1272 falcata white/red reverse 25-30cm 194
- 1273 huttonii pink 20-45cm 155
- 1274 latifolia pinkish-red 25-30cm 198
- 1275 pauciflora pink-purple 8-24cm 194
- 1276 **Hesperis** matronalis deep purple-lavender/white 40-80cm 90
- 1277 **Heterotheca** jonesii yellow 2-6cm 16
- 1278 **Heuchera** americana greenish white 40-145cm 22
- 1279 americana 'Dale's Strain' white flr/silver-bronze lvs 30-60cm 70
- 1280 bracteata greenish yellow 6-28cm 189
- 1281 cylindrica cream white-green 9-55cm 122 189
- 1282 hallii white 10-30cm 189
- 1283 hybrid bright red-pink 30-40cm 50
- 1284 'Leuchtkafer' ('Firefly) bright red 45cm 90
- 1285 'Petite Lime Sherbet' pink flr/lime green-white lvs 10-30cm 189
- 1286 pubescens silver leaf form 134
- 1287 pulchella pink 7-15cm 189
- 1288 richardsonii green/greenish-white 20-95cm 26
- 1289 rubescens pink 10-32cm 103
- 1290 sanguinea dark pink/red 20-40cm 189
- 1291 sp (miniature) 189
- 1292 **Hibiscus** martianus red to 1.5m 3
- 1293 moscheutos pink/white w/red-maroon eye to 2.5m 145
- 1294 **Hieracium** maculatum 'Leopard' yellow flr/maroon mottled lvs 15-25cm 52
- 1295 pilosella yellow 10-25cm 115
- 1296 schmidtii yellow 10-40cm 179
- 1297 sp soft yellow flr/silver lvs 3-20cm 24
- 1298 tomentosum yellow flr/white woolly lvs 10-40cm 46
- 1299 villosum yellow flr/woolly lvs 15-40cm >
- 1300 **Hippeastrelia** (x) hybrid red 21
- 1301 **Horminum** pyrenaicum violet-blue/dark purple to 40cm 189 197
- 1302 **Hosta** minor pale purple-violet 12-45cm 9
- 1303 venusta purple violet 8-24cm 29 75
- 1304 **Houstonia** canadensis pale purplish pink-white 10-25cm 38
- 1305 **Hunnemannia** fumariifolia yellow to 60cm 108 157
- 1306 **Hyacinthella** libanotica (hort) (cf Pseudomuscari azureum) sky blue to 10cm 66
- 1307 **Hyacinthoides** hispanica pink 20-40cm 209
- 1308 non-scripta white 20-50cm 205
- 1309 non-scripta white w/blue tips 35cm 205
- 1310 non-scripta 'Bracteata' blue 35cm 205
- 1311 **Hyacinthus** litwinovii pale blue 80
- 1312 **Hydrangea** hirta pale lilac-pink/white 75-150cm 149
- 1313 macrophylla ssp serrata 'Yezoensis' blue/pink to 1.5m 149
- 1314 petiolaris white 9-15m 209
- 1315 quercifolia white to 8m 189
- 1316 sargentiana purplish blue 2-3m 149
- 1317 sikokiana white to 3m 149
- 1318 **Hydrastis** canadensis white flr/red frt 15-50cm 26 57
- 1319 canadensis (moist packed) white flr/red frt 15-50cm 209
- (**Hylotelephium** > see also **Sedum**)
- 1320 **Hylotelephium** 'Cherry Tart' rosy-pink flr/cherry red lvs 15cm 189
- 1321 **Hypericum** androsaemum 'Albury Purple' yellow flr/purplish lvs/black frt 45-90cm 24
- 1322 aucheri bright yellow 9-35cm 120
- 1323 calycinum bright yellow 30-45cm 90
- 1324 **Hypericum** hypericoides (ex NJ Pine Barrens) yellow 8cm 166
- 1325 olympicum yellow flr/grey-green lvs 25-50cm 35 189
- 1326 olympicum (dwarf form) 189
- 1327 orientale yellow 10-30cm 90 97
- 1328 przewalskii yellow 30-55cm 179
- 1329 **Hyssopus** officinalis purplish-blue/pink/white 30-60cm 142
- 1330 seravschanicus blue-violet 40-50cm 189
- 1331 **Hystrix** (Elymus) patula 50-140cm 117
- 1332 **Iberis** sempervirens white 15-30cm 90 130
- 1333 simplex white flr/violet bud 5-10cm 189
- 1334 sp white 20cm 206
- 1335 **Ikonnikovia** kaufmanniana purple 14-35cm 189
- 1336 **Ilex** crenata 'Mariesii' white 90-120cm 206
- 1337 **Impatiens** balfourii pink-lavender/white 50-120cm 36 106
- 1338 namchabarwensis bright blue-deep purple 40-60cm 163
- 1339 **Incarvillea** delavayi rose-purple/pink 30-60cm 28 105
- 1340 delavayi 'Snowtop' white 30-45cm 80
- 1341 mairei purple-red/pale red 30-40cm 146
- 1342 mairei v grandiflora purple-red/pale red 30-40cm 88
- 1343 olgae pink-purple 100-150cm 206
- 1344 zhongdianensis deep pink-magenta 20-50cm 100 201
- 1345 **Indigofera** pseudotinctoria pink-pale purple 60-120cm 209
- 1346 pseudotinctoria 'Rose Carpet' rose pink 20-30cm 210
- 1347 **Inula** acaulis v caulescens yellow 6-20cm 122
- 1348 ensifolia yellow 25-40cm 35
- 1349 helenium yellow 50-150cm 192 206
- 1350 heterolepis yellow-orange flr/densely white-felted 15-40cm 131
- 1351 magnifica yellow to 1.8m 35 164 206
- 1352 rhizocephala yellow 5-10cm 33
- 1353 sp (ex Chadwell - Nepal) yellow 40-50cm 35
- 1354 verbascifolia yellow flr/silver woolly lvs to 30cm 189
- 1355 **Ionactis** (Aster) linariifolia violet blue 10-50cm 16 190
- 1356 **Ipomopsis** aggregata scarlet/red-orange 30-150cm 43 74
- 1357 longiflora white/pale lavender-blue 20-45cm 46
- 1358 rubra scarlet-orange 60-180cm 43 187
- 1359 **Iris** bucharica white/yellow 20-40cm 153
- 1360 Cal-Sib hybrid (Pacific Coast x Sibirica) (dwarf) white 20-25cm 185
- 1361 chrysographes very dark violet 25-70cm 155 185
- 1362 clarkei blue-violet 30-60cm 201
- 1363 cristata blue/lilac-purple 4-8cm 24
- 1364 decora violet/pale blue 10-35cm 158
- 1365 delavayi (tall, robust form ex China) deep purple 200cm 72
- 1366 dichotoma lavender 40-60cm 158
- 1367 domestica orange-reddish w/dark spots 60-100cm 49 206
- 1368 douglasiana blue/purple/white mix 15-70cm 50
- 1369 douglasiana (compact form) 30cm 97
- 1370 douglasiana (hybrid?) dark blue 30-45cm 206
- 1371 ensata mix, including white 25-100cm 185
- 1372 foetidissima dull lilac-yellow flr/scarlet frt 30-60cm 206
- 1373 halophila (ex Ketmen, Kazakhstan) 211
- 1374 histrioides bright blue-violet 6-7cm 153
- 1375 hookeri blue 5-60cm 155 206
- 1376 lactea lavender 14-70cm 158
- 1377 lactea pale violet-milky white 14-70cm 126 143
- 1378 lactea white/blue-violet mix 50-60cm 114
- 1379 latifolia mix to 50cm 155
- 1380 lazica lavender-blue/white to 30cm 158
- 1381 lineata white/purple/brown 60cm 161
- 1382 magnifica pale lilac/white 30-60cm 103
- 1383 magnifica white 30-60cm 41
- 1384 norrisii (x) maroon/yellow 60-90cm 16
- 1385 orientalis 'Gigantea' white/yellow to 170cm 154
- 1386 prismatica pale violet/blue 30-80cm 145 189
- 1387 sanguinea 'Nana Alba' white 10-20cm 206
- 1388 schachtii yellow/purple-violet 10-30cm 104
- 1389 setosa deep violet-blue 15-90cm >
- 1390 setosa pink 15-90cm 110
- 1391 setosa white 15-90cm 158
- 1392 sibirica 'Snow Prince' white to 86cm 114
- 1393 sintenisii blue-violet 20-35cm 96
- 1394 sintenisii ssp sintenisii strong blue-violet 20-35cm 50
- 1395 sp blue 60cm 10
- 1396 sp dwarf siberian form blue-violet 40cm 50
- 1397 speculatrix violet-light blue/white 12-25cm 158
- 1398 spuria mix 25-90cm 179
- 1399 spuria ssp carthalinae sky blue/dark veins 60-150cm 155
- 1400 suaveolens yellow/purple 8-15cm 104
- 1401 tectorum bluish-violet 20-40cm 50 110 120
- 1402 tectorum purple 20-40cm 158
- 1403 tridentata blue-violet 30-70cm 158
- 1404 tuberosa greenish-yellow/purplish brown-black 35-50cm 103
- 1405 versicolor violet-blue/greenish-yellow patch 20-60cm 206
- 1406 versicolor (ex Ontario, Canada) violet/purple 106

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- 1407 *Iris* versicolor 'Raspberry Slurp' raspberry/white to 60cm 206
1408 vicaria light violet-blue 20-50cm 103
1409 virginica hybrid pale blue-violet/yellow 50cm 206
1410 zenaidae deep violet-blue 15-40cm 78
1411 *Isodon* (Rabdosia) japonicus v glaucocalyx bluish 40-150cm 79
(**Isopyrum** > see **Enemion**)
1412 *Ixia* sp pink 40cm 170
1413 trifolia deep pink 25-30cm 198
1414 *Jamesbrittenia* pristisepala pink-purple 20-40cm 183
1415 *Jasione* laevis violet-blue 20-45cm 70
1416 montana violet-blue 15-45cm 9
1417 *Jasminum* fruticans yellow 1-2m 42
1418 parkeri yellow 30-45cm 16
1419 *Jeffersonia* diphylla white 40cm 2 17
1420 diphylla (moist packed) white 40cm 22 206
1421 dubia pale lilac-blue 10-30cm 83 84 97
1422 dubia (moist packed) pale lilac-blue 10-30cm 209
(**Jovibarba** > see **Sempervivum**)
1423 *Junellia* succulentifolia bluish-white/violet 15-30cm 189
1424 *Juniperus* rigida 'Pendula' 4-6m 175
1425 *Kalimeris* incisa pale blue 30-45cm 24
1426 incisa white 30-45cm 75
1427 *Keckiella* ternata orange to 180cm 159
1428 *Kitabelia* vitifolia white-light pink 120-150cm 102
1429 *Knautia* macedonica pink 60cm 90
1430 *Kniphofia* ensifolia red buds/cream flr to 1.8m 200
1431 hirsuta orange red/yellow 30-60cm 113 129
1432 hybrid solid yellow 1m 50
1433 *Koeleruteria* bipinnata yellow flr/pink frt 10-20m 111
1434 *Krigia* virginica yellow 4-30cm 38
1435 *Lachenalia* calcicola white to 5cm 194
1436 orchioides v glaucina pale blue-pale cerise pink to 20cm 194
1437 pusilla white 1-4cm 7 57
1438 viridiflora turquoise 8-20cm 194
1439 *Lactuca* alpina blue-violet 50-80cm 19
1440 *Lagarostrobos* franklinii 10-20m 196
1441 *Lagurus* ovatus buff-white 10-50cm 4
1442 *Lallemantia* canescens dark violet blue-lavender 20-50cm 109 189
1443 *Lamprocapnos* (Dicentra) spectabilis 'Valentine' red/white flr/
dark lvs 30-60cm 96 102
1444 *Laser* trilobum white 60-120cm 26
1445 *Lathyrus* roseus pink 75cm 42
1446 vernus reddish-purple 20-40cm 209
1447 *Laurentia* sp pink/blue mix 15-45cm 74
1448 *Lavandula* angustifolia purple to 1m 90
1449 viridis cream-greenish to 75cm 92 154
(**Lavatera** > see also **Malva**)
1450 *Lavatera* 'Frederique' white/pink center 1-2m 19
1451 *Layia* elegans yellow/white tips 30-45cm 9
1452 *Leontopodium* nanum white flr/grey woolly lvs to 5cm 152
1453 nivale ssp alpinum white 5cm 9
1454 wilsonii greyish white felted flr 12-42cm 91
1455 *Leonurus* sibiricus white/red-purple 20-80cm 189
1456 *Leopoldia* (Muscari) cycladica (ex Archibald) pale violet/brown-
yellow 8-30cm 23
1457 tenuiflora cream-brown/violet 25-50cm 189
1458 weissii blue-purple/yellow 20cm 155
1459 *Lepechinia* floribunda white-pale blue to 20cm 79
1460 *Lespedeza* leptostachya cream/pinkish 50-100cm 160
(**Lesquerella** > see **Physaria**)
1461 *Lesquerella* sp 189
(**Leucanthemum** > see **Rhodanthemum**)
(**Leucojum** > see **Acis**)
(**Leuzea** > see **Rhaponticum**)
1462 *Levisticum* officinale yellow/greenish-yellow 1.8-2.5m 189
1463 *Lewisia* brachycalyx white/pinkish 3-8cm 60 97
1464 columbiana white/pink-magenta 10-30cm 173
1465 columbiana v rupicola pale pink-deep purple magenta/rose
10-30cm 97
1466 cotyledon good pink/pale edge 10-30cm 123
1467 cotyledon magenta 10-30cm 123
1468 cotyledon mix 10-30cm 113 199 206
1469 cotyledon orange 10-30cm 123
1470 cotyledon pink 10-30cm 123
1471 cotyledon pink/peach/orange/yellow mix 10-30cm 50
1472 cotyledon pink/white edge 10-30cm 123
1473 cotyledon hybrid mix 10-15cm 97
1474 cotyledon hybrid orange 10-15cm 97
1475 'Little Peach' yellow-orange/pink 15cm 72 97
1476 nevadensis white 5-12cm 57 72 97
1477 pygmaea pink 3-9cm 50
1478 rediviva mix 1-3cm 97
1479 rediviva rose-pink 1-3cm 97
1480 rediviva white 1-3cm 104
1481 *Lewisia* rediviva v minor white 1-3cm 46
1482 tweedyi deep pink 10-20cm 123
1483 tweedyi mix 10-20cm 123
1484 tweedyi yellow 10-20cm 123
1485 *Leycesteria* formosa 'Gold Leaf' white-dark red bract flr/lime-
green lvs to 1.8m 157
1486 formosa 'Golden Lanterns' white-maroon flr/yellow-gold
lvs/maroon frt to 1.8m 206
1487 *Liatris* lancifolia rosy-purple 20-80cm 189
1488 ligulistylis purple 20-100cm 189 195
1489 pilosa pinkish purple 40-120cm 185
1490 punctata lavender-purple 15-85cm 90
1491 spicata pink-purple 40-110cm 168 208
1492 spicata white 40-110cm 9
1493 spicata 'Floristan White' white 75-90cm 185
1494 *Libertia* grandiflora white 50-80cm 206
1495 peregrinans white 15-70cm 72
1496 *Ligularia* 'Britt Marie Crawford' orange-yellow flr/purple-black
lvs 60-100cm 130 192
1497 dentata yellow 30-120cm 101
1498 heterophylla yellow flr/grey-green lvs 20-200cm 91
1499 japonica yellow 50-100cm 156
1500 macrophylla yellow 35-110cm 122
1501 *Ligusticum* scoticum green-white 15-60cm 189
1502 *Lilium* albanicum deep yellow 40-90cm 120
1503 canadense melon to 1.5m 118
1504 canadense yellow-orange/red to 1.8m 141
1505 columbianum yellow/orange w/maroon spots to 1.7m 173
1506 concolor deep red 30-80cm 118
1507 concolor orange 150cm 131
1508 concolor yellow 150cm 131
1509 formosanum (cf) (1 year to bloom, fragrant) white 100cm 99
1510 formosanum v formosanum (ex Hehuanshan, Taiwan) white
30cm 183
1511 formosanum v formosanum white/flushed purple reverse
20-55cm 53 152
1512 Golden Splendor Group yellow/maroon reverse 1.2-2m 206
1513 henryi orange/dark spots 1-2m 206
1514 ledebourii white 60-100cm 104
1515 mackliniae pink/white 30-50cm 100 173
1516 martagon burgundy red 1-2m 57
1517 martagon mix 1-2m 59 206
1518 martagon pink 1-2m 60 71 142
1519 martagon pink/orange 91cm 13
1520 martagon pink/white mix 1-2m 105
1521 martagon pink/yellow 90cm 67
1522 martagon pink-purple/spotted 1-2m 123 199
1523 martagon white 1-2m 123 189
1524 martagon hybrid pink/burgundy spots 120cm 140
1525 martagon hybrid mix 'Sunny Morning', 'Slate Morning',
'Arabian Night' pink/yellow 200cm 116
1526 martagon 'Naoussa Boutari' deep red-wine 1-2m 104
1527 martagon v cattaniae dark maroon to 2m 82
1528 michiganense yellow-orange to 1.9m 121
1529 monadelphum yellow 50-100cm 104
1530 nepalense pale yellow-greenish/purplish throat 40-120cm 72
1531 pardalinum ssp pardalinum yellow-orange/red-orange
to 2.8m 173
1532 pardalinum ssp shastense orange-red to 2m 23
1533 pumilum bright red 15-60cm 30
1534 pyrenaicum yellow/orange/red to 130cm 123
1535 regale white/purple flush reverse 50-150cm 121 209
1536 superbum yellow-red orange/maroon spots to 2.8m 24 76 164
1537 *Limnanthes* douglasii white/yellow center 3-35cm 7 67 206
1538 *Limonium* cosyrense pink to 25cm 113
1539 gmelinii blue-purple 30-70cm 151
1540 gougetianum pale violet 10-20cm 9
1541 minutum light violet 10-15cm 9 113 166
1542 *Linanthus* nuttallii white to 20cm 189
1543 *Linaria* aeruginea yellow/purple-brown 10-20cm 103
1544 alpina blue-purple/orange-yellow lip 5-20cm 28
1545 alpina mix 5-20cm 165
1546 genistifolia (PI) pale yellow 50-100cm 197
1547 purpurea pink/blue 30-90cm 28
1548 purpurea purple-violet 30-70cm 165
1549 *Linum* arboreum yellow 30-50cm 38
1550 flavum 'Compactum' yellow 15cm 9
1551 kingii yellow 5-30cm 161
1552 monogynum white to 40cm 172
1553 perenne pale blue 40-60cm 189
1554 *Lobelia* 'Bruce Wakefield' yellow/orange 2m 206
1555 cardinalis red 60-120cm >
1556 siphilitica blue 60-90cm >
1557 siphilitica white 60-90cm 90

Garden Collected

- 1558 **Lobelia** speciosa (x) 'Fan Blue' blue-violet 60cm 9
 1559 **Lomatium** dissectum maroon red 30-140cm 135
 1560 nudicaule pale yellow 20-90cm 122
 1561 **Lunaria** annua white 60-90cm 191
 1562 annua 'Alba Variegata' white flr/variegated lvs 60-90cm 73 208
 1563 **Lupinus** 'Gallery Yellow' yellow 45-60cm 185
 1564 microcarpus v densiflorus yellow 40-80cm 18
 1565 polyphyllus v humicola deep violet-purple 40-50cm 122
 1566 'The Governor' blue-purple/white 60-120cm 90
 1567 **Luzula** nivea white 30-60cm 91 182
 1568 sylvatica 30-80cm 140
 (Lychnis > see also Silene)
 1569 **Lychnis** arkwrightii (x) 'Vesuvius' orange-red flr/purple lvs to 45cm 90
 1570 yunnanensis (hort) white 20-45cm 80
 1571 **Lysimachia** atropurpurea dark red-purple 20-65cm 189
 1572 ephemerum white flr/grey lvs to 1m 179
 1573 **Maclura** pomifera yellow-green frt to 20m 58
 1574 **Magnolia** macrophylla (moist packed) cream-white to 15m 149
 1575 sieboldii white 5-10m 185
 1576 tripetala creamy white to 15m 38 130 134
 1577 **Mahonia** fremontii yellow flr/glaucous lvs 1-4.5m 46
 1578 **Maianthemum** (Smilacina) racemosum white flr/red frt 75-125cm 76 208 209
 1579 **Maihuenia** poeppigii pale yellow to 10cm 46
 1580 **Malva** sylvestris 'Zebrina' pink/purple veins to 1m 90
 1581 **Malvaviscus** drummondii red flr/red frt 50-300cm 175
 1582 **Manfreda** maculosa pale yellow-white turn pink-rose flr/spotted lvs to 40cm 3
 1583 sp 60cm 59
 1584 virginica yellow-green 8-40cm lvs/140cm flr 187
 1585 virginica (Missouri form) yellow-green flr/burgundy spotted lvs 30cm lvs/150cm flr 162
 1586 **Marshallia** caespitosa white-pale lavender 20-50cm 3
 1587 graminifolia (ex Irwin Co, GA) pink-lavender 30-50cm 131
 1588 grandiflora pink 20-90cm 54 189 190
 1589 **Massonia** echinata cream white 5cm 7
 1590 jasminiflora white to 5cm 7
 1591 pustulata cream-pink to 5cm 7
 1592 **Matthiola** incana white 25-60cm 80 206
 1593 montana lilac-pink flr/grey-green hairy lvs 10-17cm 189
 1594 odoratissima brownish-yellowish purple flr/white downy lvs 15-50cm 154
 1595 **Maurandya** antirrhiniflora reddish 2-3m 18
 1596 **Meconopsis** baileyi blue to 1m 67 97
 1597 baileyi lavender to 1m 67
 1598 betonicifolia blue 30-90cm 107 169
 1599 cambrica mix 40-60cm 26 130 147
 1600 cambrica yellow 40-60cm 88 107
 1601 cambrica 'Muriel Brown' double red-orange 30-45cm 106
 1602 grandis blue/purple/lilac-purple 40-120cm 48 92
 1603 integrifolia yellow to 1m 92
 1604 'Lingholm' (Fertile Blue Group) blue 1-1.2m >
 1605 napaulensis (hort) mix to 2m 72
 1606 racemosa blue/blue-purple 20-50cm 169
 1607 **Melanthium** virginicum white-greenish yellow 60-200cm 182 190
 1608 **Melica** ciliata 50-100cm 189
 1609 **Melicytus** crassifolius yellow flr/white frt 75-200cm 206
 1610 **Melinis** nerviglumis purple pink-white flr/blue-green lvs to 30cm 189
 1611 **Mentzelia** decapetala pale yellow-whitish 20-50cm 161
 1612 nuda white-pale cream 30-150cm 131
 (Merendera > see Colchicum)
 1613 **Michauxia** campanuloides white 100-150cm 189
 1614 **Micranthes** (Saxifraga) pensylvanica white-cream/purple 25-125cm 4
 1615 virginiana white 6-50cm 16
 1616 **Milium** effusum 'Aureum' yellow-green lvs 30-60cm 189
 1617 **Mimulus** bifidus (comes true from seed) white to 60cm 34
 1618 cardinalis orange-red/scarlet 25-80cm >
 1619 cardinalis yellow 25-80cm 34
 1620 lewisii pale pink-dark magenta 25-80cm 97
 1621 **Mirabilis** jalapa yellow 60-90cm 155
 1622 multiflora fuchsia 60cm 43
 1623 multiflora magenta 40-70cm 135
 1624 **Mitella** diphylla white 10-45cm 121
 1625 **Moltkia** petraea deep violet-blue 20-40cm 189 209
 1626 **Monarda** 'Bergamo' rose purple 60-90cm 90
 1627 bradburiana pinkish-white w/purple spots 30-60cm 4
 1628 'Marshall's Delight' bright pink 60-90cm 9
 1629 **Monardella** macrantha 'Marion Sampson' bright red 7-15cm 189
 1630 **Montiopsis** umbellata deep pink-magenta 10-15cm 5 157
 1631 **Moraea** alticola pale yellow to 90cm 185
 1632 bellendenii yellow 50-100cm 12
 1633 **Moraea** elegans yellow/orange 35-50cm 7
 1634 huttonii yellow to 1m 102 203
 1635 lewisiae yellow 20-90cm 158
 1636 polyanthos blue 15-60cm 12
 1637 polystachya light blue-lavender 50-80cm 194
 1638 setifolia pale lilac 20-40cm 198
 1639 tripetala pale-dark blue/purple 20-45cm 158
 1640 vegeta dull yellow-brown 15-30cm 12 15
 1641 vespertina white 45-60cm 12
 1642 **Morina** longifolia white turns pink-deep red to 90cm 189
 1643 **Mosla** japonica pink-purplish 10-40cm 32
 1644 **Muehlenbergella** (Edraianthus) oweriana blue flr/silver lvs 1-5cm 136
 1645 **Muehlenbeckia** axillaris yellowish-white 5-10cm 179
 1646 **Mukdenia** rossii white 20-36cm 16
 (Muscari > see also Leopoldia, Pseudomuscari)
 1647 **Muscari** armeniacum dark-light blue/white tips 15-25cm 189
 1648 armeniacum 'Argaei Album' white 10-15cm 189
 1649 latifolium deep purple/pale blue 15-40cm 189
 1650 turcicum violet-white 3-4cm 126
 1651 **Myosotis** sylvatica sky blue 15-30cm 81
 1652 **Narcissus** bulbocodium yellow 10-15cm 153
 1653 hispanicus yellow 45cm 189
 1654 obesus yellow 10-30cm 66
 1655 romieuxii ssp albidus v zaianicus white/pale yellow 7-23cm 66
 1656 rupicola yellow to 23cm 78 97
 1657 scaberulus orange-yellow to 25cm 189
 (Nectaroscordum > see Allium)
 1658 **Nemastylis** tenuis pale blue 12-30cm 131
 1659 **Nepeta** hemsleyana blue-purple to 60cm 79
 1660 kokanica bluish flr/grey hairy lvs 10-40cm 79
 1661 nuda pale purplish 50-120cm 79
 1662 subsessilis violet-blue 45-60cm 206
 1663 subsessilis 'Blue Dreams' violet-blue 45-60cm 90
 1664 tuberosa purple-violet flr/woolly grey lvs 30-60cm 34
 1665 **Nicotiana** langsdorffii chartreuse to 1.5m 57 90
 1666 'Lavender Cloud' lavender/white to 120cm 29
 1667 'Lemon Lime' yellow-green 25-30cm 29
 1668 suaveolens white-pale purple tube to 1.5m 90
 1669 **Nigella** damascena blue 20-50cm 9 210
 1670 damascena mix 20-50cm 90
 1671 **Nomocharis** meleagrina white-pale pink w/purple-red spots 35-100cm 173
 1672 **Nothofagus** gunnii to 2m 196
 (Notocactus > see Parodia)
 1673 **Oenothera** fremontii 'Shimmer' bright lemon-yellow flr/grey-green lvs to 25cm 189
 1674 longituba yellowish green 50-100cm 155
 1675 macrocarpa ssp incana yellow flr/silver lvs to 20cm 90
 1676 sp (ex Utah) white 10cm 181
 1677 **Olsynium** junceum pink-white 5-90cm 66
 1678 **Omphalodes** cappadocica 'Starry Eyes' blue center/white edge 15-20cm 2
 1679 **Onobrychis** sp (ex Kazakhstan) 189
 1680 **Onosma** albo-roseum white age pink-red flr/hairy lvs to 20cm 46 128
 1681 caerulescens white-pink flr/blue hairy lvs 10-25cm 189
 1682 echioides pale yellow 15-30cm 189
 1683 taurica (aff) pale yellow flr/grey hairy lvs to 40cm 209
 1684 **Ophiopogon** planiscapus 'Nigrescens' lavender-white/purple-black lvs 15-30cm 197 206 210
 1685 **Opuntia** humifusa yellow to 50cm 121
 1686 polyacantha (ex E. Colorado) purple red 10-25cm 189
 1687 polyacantha v polyacantha yellow 10-25cm 189
 1688 **Oreocarya** glomerata white flr/hairy lvs 10-50cm 189
 1689 **Oreocereus** fossulatus (not cold hardy) pink flr to 2m 189
 1690 **Origanum** acutidens yellow-green bracts/white-pink flr to 50cm 189
 1691 rotundifolium lavender-pink/pale green bracts/pale grey lvs 10-20cm 206
 1692 'Suendermannii' lavender-rose 15-30cm 189
 1693 vogelii pink to 35cm 128
 1694 **Orlaya** grandiflora white 45-60cm 114 182
 1695 **Ornithogalum** candicans white to 120cm 88
 1696 magnum white 30-60cm 189
 1697 multifolium yellow-orange 3-25cm 21
 1698 princeps pale green-cream 60-90cm 65
 1699 thyrsoides white 20-80cm 157
 1700 viridiflorum pale yellow-green to 1m >
 1701 **Orostachys** aggregata white-cream 10-15cm 147
 1702 chanetii white 10-30cm 189
 1703 fimbriata red/white 10-20cm 189
 1704 iwarenge pink-white flr/blue-grey lvs w/reddish edge to 15cm 189
 1705 japonica white flr/grey-green lvs to 20cm 189

Garden Collected

- 1706 **Orostachys** malacophylla white-greenish 10-30cm 189
1707 minuta reddish/purple spotted 2-6cm 189
1708 spinosa yellowish green 10-30cm 189
1709 **Ourisia** microphylla pink 5-10cm 34
1710 **Oxalis** squamata deep rosy-lilac pink flr/glaucous lvs 5-15cm 189
1711 **Oxypetalum** coeruleum sky blue to 1m 175
1712 **Oxytropis** besseyi reddish purple flr/silvery hairy lvs 14-19cm 189
1713 campanulata magenta-purple 18cm 122
1714 **Packera** porteri yellow 3-10cm 189
1715 **Paeonia** anomala light purple-violet 80cm 207
1716 anomala pink to 1m 94
1717 anomala ssp veitchii rose-red 30-90cm 83 189 199
1718 arietina (ex Turkey) 153
1719 broteri rose-pink to 40cm 6
1720 cambessedesii pink/darker center 25-30cm 42
1721 cambessedesii rose-pink to 45cm 59 104
1722 daurica pink 60-100cm 23
1723 daurica yellow 60-100cm 152
1724 daurica ssp coriifolia (ex JJH749) (as P. caucasica) 185
1725 daurica ssp mlokosewitschii yellow 80-100cm >
1726 delavayi (ex Halda-JJH000923, Yunnan, China) dark red flr
 early/bronze flr when mature 60cm 38 185
1727 delavayi f lutea yellow to 1.8m 101
1728 lactiflora 'Sea Shell' pink 75-90cm 69
1729 ludlowii yellow to 3.5m 35 149
1730 mascula deep purplish-pink to 90cm 110 189
1731 mascula ssp russoi purplish-pink to 60cm 104
1732 obovata mix 30-70cm 110 156
1733 obovata pink 30-70cm 57 94
1734 obovata pink/white 40-50cm 37
1735 obovata white 30-70cm >
1736 officinalis deep pink/deep red 60-70cm 105 152
1737 officinalis (cf) 189
1738 officinalis 'Anemoniflora Rosea' deep pink 30-60cm 27
1739 ostii pale lavender to 60cm 114
1740 ostii white to 150cm 185 42
1741 peregrina brilliant red 30-50cm 50 59 203
1742 rockii pink 1-1.5m 94
1743 rockii white/dark purple eye to 1.8m 6 104 209
1744 suffruticosa (x) darkest pink 120cm 14
1745 suffruticosa (x) pink to 1.5m 56
1746 suffruticosa (x) purplish red to 1.5m 24
1747 suffruticosa (x) 'Taiyo' ruby red 1-2m 209
1748 suffruticosa v papaveracea (x) pink to 1.5m 152
1749 suffruticosa v papaveracea (x) (ex Chen Yi) pale pink/dark
 blotched base to 1.5m 209
1750 tenuifolia deep crimson-red 30-60cm 78 83
1751 wendelboi x daurica ssp mlokosewitschii F2 1
1752 **Panax** quinquefolius yellowish-green flr/red frt 20-50cm 76
1753 **Panicum** virgatum 60-200cm 189
1754 **Papaver** alpinum mix 5-25cm 71
1755 alpinum orange 5-25cm 29
1756 alpinum pale orange 5-25cm 93
1757 alpinum yellow 5-25cm 28
1758 amurense white 50cm 19
1759 apokrinomenon orange 20-30cm 41
1760 atlanticum soft apricot orange to 45cm >
1761 atlanticum 'Flore Pleno' semi-double orange 45cm 22 189
1762 commutatatum 'Ladybird' red/black spots to 45cm 62
1763 dahlianum white 10-25cm 169
1764 degenii yellow-orange 3-10cm 62 93
1765 'Fireball' double orange 20-50cm 125
1766 macrostomum 'Black Magic' black 30cm 6
1767 miyabeanum pale yellow flr/grey lvs 10cm 189
1768 nudicaule (aff croceum) yellow 30-40cm 62
1769 nudicaule 'Pacino' pale yellow flr/grey-green lvs 15-20cm 107
1770 radicatum yellow to 25cm 86
1771 radicatum ssp kluanensis yellow to 17cm 168
1772 rheas red/black base to 70cm 155
1773 rheas red/pink to 70cm 71
1774 rubro-aurantiacum deep yellow-orange 7-30cm 39
1775 rupifragum orange 30-50cm 67
1776 rupifragum 'Flore Pleno' semi-double orange to 45cm 102 170
1777 somniaferum coral to 120cm 29
1778 somniaferum lavender to 120cm 116
1779 somniaferum mix to 120cm 22
1780 somniaferum pink fringed to 120cm 22
1781 somniaferum purple to 120cm 22
1782 somniaferum 'Lauren's Grape' deep red-purple to 120cm 71 170
1783 sp orange/purple spots 30cm 59
1784 sp (ex Pamir Mtns 2300m) 39
1785 tauricola pale brick-red 30-40cm 189
1786 triniifolium pale red-scarlet to 40cm 62
1787 **Paracaryum** racemosum blue flr/hairy lvs 12-40cm 46
1788 **Paradisea** liliastrum white to 90cm 92 190
1789 lusitanica white 80-120cm 65 155
1790 **Parahebe** hookeriana v olsenii white-lavender/pink-veined
 to 15cm 206
1791 **Paris** quadrifolia yellow-green flr/blue-black frt 25-40cm >
1792 **Parnassia** gansuensis white 12-30cm 72
1793 glauca white/green veins 20-40cm 121
1794 **Parodia** (Notocactus) erubescens yellow to 20cm 131
1795 mammulosa ssp submammulosa yellow 10cm 131
1796 **Pasithea** caerulea blue 60cm 157
1797 **Patrinia** scabiosifolia yellow 30-100cm 175
1798 sibirica yellow 5-25cm 189
1799 villosa white 50-120cm 206
1800 **Pediocactus** simpsonii pink/magenta/yellow/white 15c 189
1801 **Pelargonium** endlicherianum deep pink-maroon veins
 20-35cm 46 133
1802 **Peltoboykinia** watanabei cream-yellow 45-85cm 26 91
1803 **Penstemon** albidus creamy white/lavender tinge 10-40cm 128
1804 arkansanus white-pale violet 25-60cm 206
1805 baccharifolius bright red 15-60cm 136
1806 barbatus red 60-90cm 43
1807 barbatus 'Coral Baby' coral pink 40-50cm 189
1808 brandegeei blue-violet 80-90cm 43
1809 caespitosus blue-lavender 2-8cm 9
1810 californicus blue-purple 10-30cm 133
1811 cardinalis deep red 40-70cm 141 156
1812 cardinalis ssp regalis red 40-70cm 137
1813 cardwellii hybrid rose-violet 10cm 206
1814 cardwellii hybrids mix 97
1815 cobaea blue-purple 30-60cm 157
1816 cobaea purple to 60cm 117
1817 cobaea white/pink 30-60cm 3 128
1818 cyaneus dark blue-violet 30-70cm 97
1819 'Dark Towers' pale pink flr/dark bronze-red lvs 45-90cm 16 208
1820 davidsonii v menziesii purple-lavender 5-10cm 97 136
1821 davidsonii v menziesii 'Microphyllus' violet-blue 5-7cm 9
1822 digitalis white 70-150cm 9 119
1823 digitalis 'Husker Red' white flr/maroon lvs to 90cm 90
1824 digitalis 'Mystica' white-lavender flr/burgundy lvs to 150cm 90
1825 digitalis 'Pocahontas' lavender pink flr/burgundy lvs
 90-120cm 99
1826 eatonii deep scarlet-red 40-100cm 189
1827 eriantherus pale lavender-violet/bluish 8-20cm 189
1828 fruticosus hybrids mix 97
1829 fruticosus v fruticosus blue-lavender/light purple 15-40cm 9
1830 fruticosus x cardwellii 189
1831 gairdneri v gairdneri blue-lavender/rose-purple 10-40cm 122
1832 glabrescens blue-lavender to 15cm 78
1833 gormanii blue-purple/lavender-pink 10-30cm 168
1834 grandiflorus blue/white 45cm 16
1835 grandiflorus cherry red 50-100cm 160
1836 grandiflorus lavender/light purple 50-100cm 88
1837 grandiflorus pink-lavender 50-100cm 4
1838 grandiflorus purple 50-100cm 121
1839 grandiflorus 'War Axe' mix 60-90cm 137
1840 hallii deep blue-purple 16-20cm 25 168
1841 heterophyllus 'Electric Blue' intense blue 30-45cm 157
1842 hidalgensis violet-rose 40cm 206
1843 hirsutus lavender-violet/white 20-60cm 55 57
1844 hirsutus pink/white 30cm 124
1845 hirsutus v pygmaeus lavender/pink 15cm 68
1846 hirsutus v pygmaeus lavender/white 15cm >
1847 humilis ssp brevifolius dark blue 10-20cm 122
1848 laricifolius ssp laricifolius pink 20cm 133
1849 linarioides pale blue-violet 10-50cm 109
1850 linarioides ssp sileri lavender 20cm 189
1851 mexicali (x) red 35cm 101
1852 'Mexicana' hybrid hot pink 30cm 60
1853 multiflorus white 45-60cm 175
1854 newberryi hybrids pink 97
1855 nitidus bright blue-pinkish flr/blue-grey lvs 10-30cm 83
1856 ovatus blue-purple 30-100cm 159 173 206
1857 palmeri white tinged pink-deep pink 50-180cm 137 189
1858 parryi rose-magenta/deep pink 30-120cm 7
1859 paysoniorum (ex Carbon Co, WY) blue-purple 20cm 25
1860 peckii (dwarf form) pink 10-15cm 60
1861 pinifolius orange 20-40cm 109 189
1862 pinifolius scarlet-red 20-40cm 157
1863 procerus deep blue-purple 5-40cm 83
1864 procerus lavender-blue 5-40cm 109
1865 procerus (ex Albany Co, WY) blue-purple 30cm 25
1866 procerus 'Roy Davidson' pink/white to 10cm 80
1867 pseudospectabilis deep reddish-pink/magenta 30-100cm 189
1868 richardsonii red 50cm 159

Garden Collected

- 1869 **Penstemon** roezlii bright blue-blue violet/purplish 20-50cm 62
 1870 rupicola hybrids mix 97
 1871 saxosorum deep blue/blue-purple 15-60cm 62
 1872 secundiflorus mix 15-50cm 126
 1873 serrulatus deep blue-purple 20-70cm >
 1874 'Six Hills' lilac-purple to 20cm 101
 1875 smallii lavender/violet 40-60cm 98
 1876 smallii pale red-purple 40-60cm >
 1877 sp violet 10cm 78
 1878 spatulatus blue-violet 10-25cm 122
 1879 speciosus bright blue-purplish violet 5-90cm 155
 1880 strictus deep blue/violet 35-70cm 90 118
 1881 superbus coral pink-red flr/blue-grey lvs 30-120cm 189
 1882 superbus pink 30-120cm 137
 1883 triflorus white/pink/lavender 25-65cm 128
 1884 tubaeiflorus white 60-90cm 9
 1885 whippleanus dark wine purple 20-60cm 122 199
 1886 whippleanus (ex Albany Co, WY) 25
 1887 **Persicaria** virginiana 'Painter's Palette' red flr/green-white-red lvs 45-60cm 89 206
 1888 **Petrophytum** caespitosum white to 10cm 113 189
 1889 hendersonii white 7-15cm 16
 1890 **Petrorhagia** saxifraga white 5-40cm 195 206
 1891 **Peucedanum** terebinthaceum white 30-120cm 189
 1892 **Phacelia** bolanderi lavender-bluish 20-80cm 7
 1893 campanularia bright blue 10-70cm 36
 1894 sericea dark blue-purple flr/silvery silky lvs 10-60cm 133
 1895 **Phellodendron** sachalinense yellowish green flr/black frt 12-18m 206
 1896 **Phemeranthus** brevifolius rose/lavender/white 6cm 46 117
 1897 calycinus pink/red-purple 25-40cm >
 1898 sediformis white to 10cm 117
 1899 **Phleum** sp (ex Kazakhstan) 189
 1900 **Phlomis** cashmeriana rose-pale purple flr/woolly lvs 40-80cm 160 189
 1901 cretica yellow flr/white woolly lvs to 50cm 154
 1902 purpurea ssp almeriensis pink flr/grey woolly lvs to 120cm 154
 1903 russeliana yellow to 90cm 160 179
 1904 tuberosa purple-red 40-150cm 6 175
 1905 **Phlomoideis** oreophila purple 30-80cm 189
 1906 rotata purplish-red purple flr/woolly lvs 2.5-10cm 67
 1907 **Phlox** pilosa white 15-60cm 189
 1908 **Phuopsis** stylosa pink 15-20cm 183
 1909 **Phylodoce** nipponica v oblongo-ovata white-rose 7-20cm 171
 1910 tsugifolia white to 15cm 97
 1911 **Physaria** arizonica yellowish flr/grey-green lvs 2-10cm 46
 1912 bellii yellow flr/silvery hairy lvs 5-13cm 189
 1913 fendleri orange-yellow 5-25cm 189
 1914 kingii yellow 5-20cm 115
 1915 kingii (aff) very green lvs 5-20cm 185
 1916 reediana pale green-yellow 2-4cm 16 175
 1917 **Physocarpus** capitatus white 4-6m 206
 1918 **Physochlaina** orientalis violet 40-60cm 122 201
 1919 **Physostegia** virginiana white 90-120cm 90
 1920 **Phyteuma** charmellii blue-violet 10-20cm 206
 1921 nigrum blackish-purple 30-60cm 118 180
 1922 orbiculare deep blue-purple 20-50cm 120
 1923 scheuchzeri deep blue to 40cm >
 1924 sieberi (cf) 189
 1925 sp (mix of scheuchzeri, sieberi, hemisphaericum) blue 20-40cm 209
 1926 spicatum yellowish-white 30-80cm 139
 1927 **Pinellia** tripartita whitish-light green 30-35cm 89
 1928 **Pinus** bungeana to 30m 24
 1929 **Pityopsis** falcata yellow 20-30cm 114
 1930 **Plantago** cornuti brownish 30-60cm 189
 1931 major 'Rubrifolia' dark maroon lvs 15-30cm 165
 1932 **Platycodon** grandiflorus blue/purple 20-120cm 93 208
 1933 grandiflorus pale pink/rose veins 20-120cm 206
 1934 grandiflorus white semi-double 20-120cm 206
 1935 grandiflorus (dwarf form) blue 10-30cm 189
 1936 grandiflorus (dwarf form) lavender-mauve 10-30cm 71
 1937 grandiflorus (dwarf form) mix 10-30cm 75 185
 1938 grandiflorus (dwarf form) pink 10-30cm 189
 1939 grandiflorus (dwarf form) white 10-30cm 189
 1940 grandiflorus 'Sentimental Blue' blue 15-30cm 130 156
 1941 **Platycrater** arguta white 50-150cm 149
 1942 **Plectranthus** hereroensis pale-deep blue to 1.2m 79
 1943 mollis pale blue 30-50cm 79
 (Podophyllum > see Sinopodophyllum)
 1944 **Polanisia** (Cleome) dodecandra white 10-60cm 63
 1945 **Polemonium** boreale blue-purple flr/woolly-hairy lvs 10-20cm 60 64
 1946 caeruleum blue-lavender 45-60m 90
 1947 **Polemonium** caeruleum white 45-60cm 206
 1948 caeruleum (ex C Chadwell) bright blue 60cm 67
 1949 pauciflorum soft yellow/red tinge 15-30cm 35 189 206
 1950 reptans blue-violet to 50cm 189
 1951 **Poliathyrsis** sinensis yellowish-white 7-15m 175
 1952 **Pollia** japonica white flr/dark blue frt 30-90cm 89
 1953 **Polygala** paucifolia pink-rose purple 7-15cm 2
 1954 **Polygonatum** hybridum (x) 'Betberg' white flr/new lvs dark brown-turn green to 1.2m 106
 1955 multiflorum f ramosum white-green tip flr/branching stems 50-70cm 106
 1956 odoratum 'Chollipo' white flr/reddish purple stems to 45cm 76
 1957 **Pontechium** (Echium) maculatum crimson red 40-70cm 117
 1958 **Potentilla** crantzii yellow 5-20cm 197
 1959 glandulosa white 15cm 97
 1960 gracilis yellow 20-70cm 172
 1961 megalantha yellow 10-20cm 170
 1962 nana pale yellow 1-5cm 59 141 156
 1963 porphyrantha pink flr/silver lvs 5-15m 121
 1964 sterilis white 5-15cm 179
 1965 **Prasium** majus white/pale lilac-pink to 1m 79
 1966 **Primula** algida pink 5-20cm 67
 1967 alpicola violet/purple 15-60cm 20
 1968 auricula mix to 20cm 83
 1969 auricula yellow to 20cm 72
 1970 beesiana rose flr/farinose lvs 20-50cm 188
 1971 bulleesiana (x) mix 45-60cm 59 72
 1972 candelabra hybrids mix 35cm 206
 1973 cortusoides deep pink 15-20cm 28
 1974 denticulata purple/pinkish-purple 5-30cm 101
 1975 elatior light yellow to 30cm 20 189
 1976 firmipes yellow 10-40cm 155
 1977 florindae mix 30-120cm 23 72
 1978 florindae orange 30-120cm 118
 1979 florindae yellow 30-120cm 97
 1980 forrestii deep golden yellow 7-25cm 92
 1981 frondosa pinkish-purple 4-12cm 197
 1982 halleri pink 8-18cm 20
 1983 japonica bright pink-purple 45-60cm 118
 1984 japonica cerise 45-60cm 173
 1985 japonica magenta 45-60cm 107
 1986 japonica mix 45-60cm >
 1987 japonica pink 45-60cm 97
 1988 japonica pink shades 45-60cm 57
 1989 japonica purple 45-60cm 77
 1990 japonica white 45-60cm 118
 1991 japonica white/yellow eye 45-60cm 77
 1992 japonica 'Miller's Crimson' dark red to 80cm 72
 1993 kewensis (x) yellow to 30cm 203
 1994 laurentiana lavender-pink 10-48cm 197
 1995 limbata bluish purple/lilac 10-20cm 169
 1996 longipetiolata (ex Pavelka) pink 20cm 67
 1997 marginata lavender-blue to 15cm 64 103
 1998 matthioli deep pink 20-25cm 72
 1999 matthioli pink 20-25cm 70
 2000 matthioli white 20-25cm 107
 2001 matthioli ssp matthioli purple-violet 20-25cm 72
 2002 minima bright pink 1-4cm 169
 2003 poissonii deep purplish crimson/rose-purple 20-45cm 206
 2004 polyantha (x) yellow-beige 15-30cm 54
 2005 prolifera bright golden-yellow to 90cm 34 97
 2006 pubescens (x) mix 15-20cm 67
 2007 pubescens (x) yellow 15-20cm 78
 2008 pulverulenta rose-purple 25-100cm 72 155
 2009 reidii ivory white-mid blue 5-15cm 97 100
 2010 scandinavica purple-mauve 4-10cm 67
 2011 scotica violet/red-purple to 10cm 72 92
 2012 secundiflora rose-purple/deep rose 10-60cm 72
 2013 sieboldii mix 12-25cm 56 74 150
 2014 sieboldii pink shades 12-25cm 57
 2015 sieboldii 'Rock Candy' hot pink 15cm 17
 2016 sikkimensis yellow/cream 15-90cm 169
 2017 simensis yellow flr/very mealy lvs to 80cm 72
 2018 sp CC6201 pink 20cm 67
 2019 veris mix 8-30cm 94 118 206
 2020 veris red 30cm 118
 2021 veris yellow 8-30cm 92
 2022 vialii rose red/violet-purple 20-45cm 9 103
 2023 villosa magenta-lilac 2-15cm 169
 2024 wilsonii very dark red 30-80cm 72
 2025 **Prosartes** (Disporum) hookeri cream 30-100cm 95
 2026 smithii cream 30-100cm 95 57
 2027 trachycarpa pinkish flr/orange frt 28-32cm 36
 2028 **Prospero** (Scilla) autumnale lilac/pink/bluish purple to 15cm 192

Garden Collected

- 2029 **Prospero** autumnale (ex Macedonia) violet 15cm 106
2030 **Prunella** grandiflora 'Freelander Blue' deep violet-blue to 25cm 90
2031 **Pseudomuscari** (Muscari) azureum blue 4-15cm 155
2032 **Pseudosedum** affine white 8-15cm 189
2033 **Pterocarya** stenoptera long winged frt catkins to 20m 206
2034 **Pterocephalus** depressus pink-mauve 5-10cm 141 156 189
2035 perennis pink-purple flr/grey-green lvs to 12cm 97
2036 pinardii pink 4cm 46 128 136
2037 **Pteropyrum** aucheri white-pinkish red to 1.5m 128
2038 **Pterostyrax** hispidus white to 15m 130
2039 **Pteroxygonum** giraldii (ex HEHEHE29-Qin Ling Mtns, China) white 1-2m 206
2040 **Ptilostemon** echinocephalus red-purple/silvery white 30cm 9
2041 **Ptilotrichum** (Alyssum) spinosum white flr/grey-green lvs 15-30cm >
2042 **Pulsatilla** albana pale yellow/cream 10-30cm 20
2043 albana 'Lutea' yellow 10-30cm 44
2044 albana ssp albana yellow 5-30cm >
2045 alpina white/bluish reverse 20-45cm 92
2046 alpina ssp apiifolia pale yellow 20-45cm >
2047 ambigua dark violet 16-22cm 91 104
2048 aurea golden yellow 6-35cm 120
2049 campanella blue-violet 14-20cm 17 189 207
2050 caucasica yellow 20cm 78
2051 chinensis violet 15-35cm 44
2052 grandis mauve-lavender 5-30cm 83
2053 grandis violet-purple 5-30cm 44
2054 grandis (ex wild Moravia - very early) light purple 15-20cm 16
2055 grandis 'Papageno' mix fringed 15-30cm 38 78
2056 grandis 'Papageno' purple fringed 15-30cm 208
2057 halleri ssp slavica purple 10-22cm 209
2058 halleri ssp slavica white 10-22cm 104
2059 hybrids red 97
2060 montana dark blue-violet 10-30cm 44 197
2061 pratensis ssp bohémica dark purple-black to 15cm 97
2062 scherfelii white 15cm 100
2063 sp red 20-30cm 157
2064 sp (ex Mongolia) blue 15cm 169
2065 styriaca rose-purple 5-20cm 197
2066 turczaninonii blue-violet 15-25cm 169
2067 vernalis white/blue or pink reverse 5-15cm 100 169 45
2068 violacea violet-blue 3-20cm 78
2069 vulgaris dark red 15-40cm 64 73
2070 vulgaris lavender 15-40cm 24
2071 vulgaris mix 15-40cm >
2072 vulgaris pale pink 15-40cm 109
2073 vulgaris purple 15-40cm 69 9 209
2074 vulgaris red 15-40cm 44
2075 vulgaris white 15-40cm >
2076 vulgaris 'Olga's Dream' purple fringed 20cm 44
2077 vulgaris 'Rode Klokke' red 25cm 2
2078 vulgaris 'Rosea' rosy pink 15-40cm 91
2079 **Purshia** mexicana white-cream 1-3m 189
2080 stansburyana white-cream yellow 1-4m 46
2081 **Puschkinia** scilloides white/pale blue stripe 10-15cm 100
2082 **Puya** mirabilis lime-green flr 45-150cm 28
2083 **Pycnanthemum** virginianum (PI) white/purple spots 70-100cm 90
(**Pyrrhocactus** > see **Eriosyce**)
2084 **Pyrrcoma** crocea bright yellow 18-80cm 189
(**Rabdosia** > see **Isodon**)
2085 **Rabiea** albipuncta yellow 5cm 189
2086 **Ramonda** myconi deep violet 6-12cm >
2087 myconi 'Jim's Shadow' white-flushed pink 6-12cm 66
2088 nathaliae lilac/violet 8cm 66
2089 serbica lilac to 8cm 123
2090 **Ranunculus** gramineus yellow 30-45cm 33 113 189
2091 parnassifolius white/flushed pink 4-20cm 120
2092 platanifolius white 60-120cm 33
2093 **Ranzania** japonica (moist packed) pale purple 20-50cm 1
2094 **Ratibida** columnifera yellow/maroon to 1m 200
2095 pinnata yellow to 125cm 134 179
2096 **Rhamnus** caroliniana red-black frt 3-4.5m 89
2097 **Rhaponticum** coniferum pink-purple flr/white-felted lvs 15-30cm 46 126 161
2098 **Rheum** alexandrae yellow-green 40-80cm 1
2099 **Rhodanthemum** atlanticum white flushed pink 7-10cm 141 156 189
2100 hosmariense white to 30cm 46
2101 **Rhododendron** atlanticum white/flush pink 50-100cm 155
2102 brachycarpum ssp tigerstedtii white 3-5m 207
2103 camtschaticum white to 20cm 1
2104 kiusianum rose-purple 45-60cm 209
2105 **Rhodotypos** scandens white flr/jet-black frt to 2m 89 206
2106 **Ribes** sanguineum v glutinosum pink 1-4m 206
2107 **Rohdea** japonica pale yellow 30-50cm 149
2108 **Romneya** coulteri white 1-2.5m 157
2109 **Romulea** eximia rose-red 8-15cm 7
2110 nivalis lilac 10cm 66
2111 phoenicia purple 5-10cm 7
2112 **Rosa** alba f suaveolens white 2m 181
2113 carolina pink 30-130cm 181
2114 corymbulosa rose pink flr/deep red frt 1.3-2m 206
2115 davurica pink to 1.5m 207
2116 glauca pink flr/glaucous-purple lvs 1.5-3m 210
2117 nitida pink-rose 20-80cm 179
2118 pendulina deep pink to 2m 181
2119 **Roscoea** scillifolia reddish-pink 10-25cm 197
2120 tibetica bicolor 5-15cm 97
2121 tibetica (ex Napa Hai, Yunnan, China) purple red 5-10cm 211
2122 **Rosmarinus** officinalis 'Green Ginger' pale blue 60cm 102
2123 **Rosularia** rechingeri pale pink 5cm 189
2124 sedoides white 5-10cm 189
2125 sempervivoides crimson 10-20cm 103
2126 serrata red-purple flr/blue-grey lvs 10-20cm 189
2127 **Rudbeckia** hirta 'Cherry Brandy' dark red to 60cm 157
2128 triloba yellow-orange to 1.5m 210
2129 **Ruellia** humilis lavender-lilac 30-60cm 189 210
2130 **Rumex** nepalensis green 50-100cm 32
2131 sanguineus green-red brown flr/red-purple veined lvs 30-70cm 139 189
2132 **Ruscus** aculeatus greenish-white flr/red frt 60-90cm 106
2133 **Sabatia** kennedyana pink/white-yellow center 30-70cm 162
2134 **Salvia** absconditiflora white-pink 30-60cm 122
2135 amplexicaulis violet-blue to 90cm 6
2136 argentea white flr/silver-grey woolly lvs 30-60cm 109 128 189
2137 caespitosa white flr/grey-green lvs 5-15cm 36
2138 candelabrum violet-blue flr/woolly grey lvs to 1m 154
2139 canescens purple flr/white hairy lvs to 30cm 1
2140 canescens v daghestanica purple flr/silver-white woolly lvs 10-30cm 72 189
2141 chamaedryoides deep blue flr/grey-green lvs to 60cm 157
2142 chrysophylla lilac/yellow lip 20-60cm 6 189
2143 coccinea 'Coral Nymph' white/coral pink 40-70cm 142
2144 coccinea 'Lady in Red' red 50-60cm 90 9
2145 cyanescens violet-blue flr/velvety grey-green lvs 30-90cm 189
2146 deserta blue-purple to 70cm 120
2147 digitaloides yellow/purplish 30-60cm 79
2148 dolichantha dark purple 35-80cm 206
2149 dorrii blue-purple flr/grey-green lvs 30-90cm 46 79 189
2150 engelmannii lavender 30-45cm 3 189
2151 forsskaolei violet blue/white streak 60cm 19 39 206
2152 glutinosa pale yellow/maroon speckled 40-60cm 40 200
2153 greggii 'Wild Thing' coral pink-hot pink 60-90cm 189
2154 jurisicii violet-lavender to 30cm 109
2155 lavandulifolia pale lavender-blue to 45cm 94
2156 lycioides blue flr/greyish lvs 30-45cm 189
2157 macrochlamys pink/white 30-50cm 128
2158 moorcroftiana pale lilac to 75cm 172
2159 multicaulis violet flr/reddish-brown bracts/grey lvs 12-55cm 189
2160 nutans violet-blue/pink 50-100cm 135
2161 pachyphylla blue-violet/rose 30-60cm 189
2162 patens blue 30-60cm 157 173
2163 patens 'Blue Angel' blue 60cm 210
2164 patens 'Guanajuato' deep blue to 150cm 87
2165 pentstemonoides burgundy-red to 150cm 189
2166 phlomoides violet-white flr/white woolly lvs to 45cm 189
2167 pisidica violet blue 15-35cm 189
2168 recognita pale pink flr/grey hairy lvs 60-90cm 189
2169 reflexa (PI) pale-dark blue 10-70cm 189
2170 ringens violet-blue to 60cm 6
2171 scabra pale pink-lilac to 90cm 79
2172 sclarea white 90-120cm 170
2173 sclarea 'Turkestanica' white/pink tinged to 1m 102
2174 'Shangri-la' (moorcroftiana x indica) lavender-blue flr/blue-grey lvs 60-90cm 189
2175 smyrnaea violet-blue 25cm 189
2176 staminea off-white/cream to 75cm 189
2177 texana purple-blue 30-45cm 3
2178 verticillata ssp amasiaca violet-blue/lilac 15-70cm 39
2179 viridis blue to 20cm 79
2180 **Sambucus** nigra 'Black Lace' pink flr/dark purple lvs/blackish red frt to 240cm 209
2181 **Sanguinaria** canadensis (moist packed) white to 40cm 209
2182 **Sanguisorba** menziesii maroon-purple 30-100cm 80
2183 minor greenish-reddish purple 40-75cm 90 189
2184 **Santolina** chamaecyparissus yellow flr/silvery woolly lvs to 50cm 156

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- 2185 **Santolina** ligustica creamy white flr/greyish lvs 50-60cm 39
 2186 **Saponaria** 'Bressingham' deep pink 5-10cm 147
 2187 caespitosa purplish-pink 5-15cm 78 103 189
 2188 cypria pink to 15cm 3 172
 2189 lutea pale yellow 2-12cm 147
 2190 persica pale pink-white 39
 2191 pumilio pink-purple 1-5cm 103
 2192 suendermannii (x)(hort)(bellidifolia x caespitosa) rose to 20cm 128
 2193 **Sarracenia** sp mix species/hybrids mixed 119
 2194 **Saruma** henryi soft yellow 45-60cm 29
 2195 henryi (moist packed) soft yellow 40-60cm 209
 2196 **Sassafras** tzumu yellow to 35m 58
 2197 **Sauromatum** venosum purplish brown-yellowish mottled spathe 20-100cm 149
 2198 **Saussurea** superba (aff) blue 20cm 169
 (**Saxifraga** > see also **Micranthes**)
 2199 **Saxifraga** arendsii (x) red 10-20cm 81
 2200 'Bob Hawkins' (cf) white-greenish flr/white-edged lvs 5-15cm 47
 2201 boydii (x) 'Sulphurea' pale yellow 3-4cm 70
 2202 burseriana white 2-6cm 155
 2203 caespitosa (ex Iceland) white 5cm 67
 2204 cochlearis white to 20cm 9
 2205 cochlearis 'Minor' white 10-20cm 97
 2206 corymbosa yellow to 15cm 100
 2207 cotyledon white 30-60cm 103 189
 2208 crustata off-white/cream to 30cm 88
 2209 eudoxiana 'Gold Dust' (x) golden yellow to 7cm 20
 2210 fortunei pink 24-40cm 84
 2211 fortunei red 24-40cm 84
 2212 fortunei 'Akibare' ruby-red 24-40cm 84
 2213 fortunei 'Fukujyu' 24-40cm 84
 2214 hostii white 20-60cm 50 189
 2215 hostii ssp hostii white 10-60cm 67
 2216 kochii (x) reddish purple 3-25cm 97
 2217 macnabiana (x) white/red spotted to 45cm 88
 2218 Mossy Group dwarf 189
 2219 nathorstii salmon/red-orange 3-4cm 1
 2220 paniculata white-cream to 30cm 50 203
 2221 paniculata (giant form) 189
 2222 paniculata 'Foster's Red' dark red 5-20cm 189
 2223 paniculata 'Lutea' pale yellow to 30cm 189
 2224 paniculata 'Minutifolia' white 5cm 50
 2225 paniculata 'Rex' cream-white flr/red stems 20-25cm 189
 2226 paniculata ssp paniculata (ex Aosta, Italy 1900m) white 5-25cm 197
 2227 rotundifolia white 20-50cm 205
 2228 silver encrusted mix white 2cm 97
 2229 stribrnyi dark purple to 12cm 97
 2230 vespertina white-cream/spotted 2.5-12cm 97
 2231 'Whitehill' white 20-30cm 189
 2232 **Scabiosa** atropurpurea 'Black Knight' dark burgundy/white stamens 60-90cm 18
 2233 atropurpurea 'Chile Black' dark red-black to 60cm 9
 2234 columbaria 'Nana' blue-lilac 10-15cm 147 206
 2235 graminifolia lilac-pink 20-30cm 189
 2236 japonica 'Ritz Blue' blue 10-20cm 90 141 156
 2237 japonica v alpina lavender-blue 20cm 120
 2238 lucida lilac-blue/pink 15-30cm 151
 2239 silenifolia lilac-blue 10-15cm 128
 2240 sp pink flr/grey lvs 30cm 70
 2241 stellata pale blue flr/papery seed head 45-90cm 108
 2242 **Schisandra** chinensis white flr/red frt to 8m 184
 2243 **Schizachyrium** scoparium 7-210cm 181
 2244 **Schizocodon** (Shortia) ilicifolius white 3-8cm 1
 (**Scilla** > see also **Barnardia**, **Prospero**)
 2245 **Scilla** litardierei blue-violet 15-20cm 15 41 50
 2246 peruviana violet-blue 15-40cm 20 41
 2247 sibrose (x) (rosenii x siberica) ex Ruksans blue 15-20cm 67
 2248 verna violet-blue 5-15cm 50 66
 2249 **Sclerocactus** scheeri green-yellowish to 17cm 167
 2250 **Scopolia** carniolica f hladnikiana greenish yellow to 60cm 96
 2251 **Scrophularia** californica maroon-brown 80-120cm 159
 2252 chrysantha yellow 10-60cm 139 189
 2253 vernalis yellowish green 20-80cm 45
 2254 **Scutellaria** alpina blue-violet/purple-white 10-30cm 209
 2255 alpina 'Arcobaleno' yellow/blue/violet/pink mix 20-25cm 11
 2256 altissima blue-purple/white 30-60cm >
 2257 antirrhinoides deep violet-blue 10-35cm 46
 2258 baicalensis red-purple/blue-purple 30cm 118
 2259 columnae pale lavender-deep violet 40-100cm 179
 2260 hypericifolia purple-blue/greenish white 10-30cm 122 189
 2261 incana blue-purple 60-90cm >
 2262 oreophila pale yellow 12-20cm 97
 2263 **Scutellaria** oreophila 'Lilac Lullaby' pale yellow/purple tips to 30cm 108
 2264 orientalis ssp pectinata maroon/yellow to 30cm 189
 2265 parvula v leonardii blue-violet 7-20cm 4
 2266 resinosa deep violet-blue 10-20cm 46
 2267 suffrutescens bright rose-pink 10-20cm 172
 2268 suffrutescens 'Texas Rose' rose-red 10-15cm 206
 (**Sedum** > see also **Hylotelephium**, **Pseudosedum**, **Rosularia**)
 2269 **Sedum** cepaea pink/white 10-30cm 189
 2270 forsterianum 'Oracle' yellow flr/blue-grey lvs 10-15cm 118
 2271 hispanicum white-pinkish 5-15cm 189
 2272 kamtschaticum yellow to 15cm 63
 2273 kamtschaticum 'Weihenstephaner Gold' yellow flr/silvery grey-green lvs 7.5-10cm 115
 2274 nevíi white 6-9cm 141 189
 2275 pilosum bright pink to 10cm 113
 2276 populifolium cream/pale pink 15-45cm 179
 2277 rupestre yellow 4-10cm 9
 2278 sediforme yellow flr/blue-green lvs 25-60cm 189
 2279 sichotense yellow flr/red lvs in autumn 5-10cm 189
 2280 spurium 'Tricolor' pink flr/white-pink edged green lvs 10-15cm 165
 2281 stelliforme white tinged purple 5-12cm 189
 2282 ternatum white 4-20cm 189
 2283 valens yellow 7-11cm 46
 2284 **Sempervivum** arachnoideum bright rose-red to 8cm 189
 2285 heuffelii pale yellow 7-20cm 189
 2286 sp red shades 189
 2287 sp (giant cultivar) 189
 2288 wulfenii lemon yellow 15-25cm 189
 (**Senecio** > see also **Packera**)
 2289 **Senecio** abrotanifolius yellow-orange red 10-40cm 78
 2290 macrocephalus pink-purple to 40cm 183 189
 2291 **Senna** marilandica yellow 90-180cm 210
 2292 **Serratula** coronata ssp insularis pale rose-purple 30-140cm 106
 2293 **Seseli** gracile yellow 30-90cm 87
 2294 gummiferum white-pink tinged flr/grey lvs to 90cm 7 140
 2295 ledebourii white flr/grey-green lvs 20-60cm 154
 2296 libanotis white 40-90cm 189
 2297 ponticum cream flr/grey lvs 189
 2299 **Sidalcea** campestris white-pale pink 45-180cm 189
 2300 hendersonii deep pink 50-150cm 173
 2301 **Sideritis** condensata yellow 30cm 79
 2302 hyssopifolia yellow 10-40cm 128
 2303 incana yellow to 50cm 154
 2304 phlomoides yellow flr/silver-grey lvs 15-30cm 122 189
 2305 phrygia yellow flr/grey furry lvs 189
 2306 sp (dwarf form) 189
 2307 **Silene** acaulis pink 3-6cm 118
 2308 alpestris white 12-20cm >
 2309 argaea pink to 5cm 97
 2310 asterias carmine red to 50cm 118
 2311 chalconica scarlet 35-100cm 9 90 206
 2312 coronaria magenta-pink flr/grey felted lvs 40-100cm >
 2313 coronaria white 40-100cm 37 90
 2314 dinarica rich pink 5-10cm 67
 2315 dioica bright pink 30-60cm 210
 2316 dioica 'Purple Prince' bright pink flr/purple lvs 30-60cm 90
 2317 elisabethae reddish purple to 25cm 128
 2318 flos-cuculi rose-pink 30-90cm 24
 2319 flos-cuculi (dwarf congested form) rose-pink to 10cm 48 127 175
 2320 flos-jovis mix 30-45cm 50 62
 2321 flos-jovis pink 30-45cm 155
 2322 hookeri pink/white 5-14cm 9 26
 2323 keiskei white 5-20cm 62
 2324 pusilla white 10-15cm 9
 2325 saxifraga white/pink 10-20cm 122
 2326 stellata white 30-80cm 4
 2327 suecica bright pink 5-35cm >
 2328 uniflora white to 15cm 9 109
 2329 uniflora 'Compacta' white-light pink flr/grey-green lvs 10-30cm 147 177
 2330 viscaria rose pink/purple 30-60cm 62
 2331 yunnanensis pink 20-80cm 91
 2332 zavadskii white 15-30cm 45 72 122
 2333 **Silphium** asteriscus yellow 40-110cm 144
 2334 asteriscus v simpsonii yellow 25-110cm 144
 2335 laciniatum yellow 1-3m 144
 2336 perfoliatum yellow 75-300cm 144 181
 2337 **Sinojackia** rehderiana white to 5m 58
 2338 xylocarpa white to 7m 42
 2339 **Sinopodophyllum** hexandrum mix 15-60cm 199
 2340 hexandrum pink 15-60cm 91 92 146

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- 2341 **Sinopodophyllum** hexandrum white 15-60cm 118
2342 hexandrum (moist packed) pink 15-60cm 209
2343 **Sisyrinchium** angustifolium white to 45cm 118 126
2344 californicum yellow 5-40cm 206
2345 californicum (dwarf form) yellow 25cm 172
2346 idahoense bluish-violet to 45cm 11 46
2347 macrocarpum yellow/brown ring to 20cm >
2348 montanum dark blue-violet 10-50cm 115 189
2349 **Soldanella** hungarica lilac-violet to 10cm 97
2350 lungoviensis (x) blue-violet 12.5cm 97
2351 montana blue-lilac to 15cm 67
2352 **Solidago** odora yellow 60-120m 179
2353 speciosa yellow 50-200cm 179
2354 **Sophora** flavescens white-pale yellow 1-2m 42
2355 prostrata orange-yellow to 2m 102
2356 **Sorbus** frutescens white flr/white frt to 2m 206
2357 microphylla (ex China) pink frt 60cm 106
2358 **Sparaxis** metelercampiae violet 15-30cm 7
2359 **Sphaeralcea** ambigua orange 50-100cm 189
2360 fendleri v venusta white 1m 172
2361 **Sphaeromeria** capitata yellow flr/grey woolly lvs 5-20cm 189
2362 **Spigelia** marilandica red/yellow tip 30-60cm 132
2363 **Sporobolus** heterolepis (ex SE Pennsylvania) 60cm 166
2364 **Stachys** albotomentosa salmon flr/white felted lvs 30-45cm 18 206
2365 candida white-purple marked flr/white woolly lvs 10-20cm 172
2366 discolor rose/cream 30cm 9
2367 lavandulifolia mauve-purple woolly flr/grey-green lvs 15-25cm 189
2368 macrantha 'Superba' violet-purple 30-45cm 57
2369 officinalis pink 30-60cm 125
2370 officinalis reddish-purple 30-60cm 69 176
2371 officinalis white 45-60m 9
2372 officinalis 'Nana' lavender-pink 15cm 165
2373 spathulata rose-purple 7-25cm >
2374 **Stackhousia** monogyna white-deep yellow to 70cm 196
2375 **Staphylea** trifolia white 2-4m 181
2376 **Stewartia** pseudocamellia white 10-15m 24 207
2377 pseudocamellia v koreana white 10-15m 187
2378 sinensis white 3-11m 98
2379 **Stipa** barbata 30-60cm 189
2380 ichu 60-90cm 189
2381 joannis 30-70cm 189
2382 pekinensis 60-150cm 189
2383 **Stokesia** laevis blue-purple 20-50cm 9
2384 **Streptolirion** volubile white-pale purple to 6m 175
2385 **Stylophorum** lasiocarpum yellow 30-50cm 90 179
2386 sutchuenense yellow 30-60cm 1
2387 **Styrax** americanus white to 5m 98 187
2388 japonicus white to 4-8m 75
2389 japonicus 'Carillon' white to 3m 24
2390 obassis white 10-14m 111
2391 **Succisella** inflexa 'Frosted Pearls' pink bud/white-tinged blue flr 60-75cm 206
2392 **Sutherlandia** frutescens red-orange 50-100cm 108
(**Symphandra** > see **Campanula**)
2393 **Symphyotrichum** (Aster) 'Coombe Fishacre' lilac-pink 40-90cm 24
2394 prenanthoides blue-mauve 60-90cm 179
2395 **Symplocos** paniculata white flr/sapphire-blue frt 1-10m 58
2396 **Syneilesis** aconitifolia pink-white 70-120cm 14
2397 palmata white 45-60cm 57 192
(**Talinum** > see also **PheMERanthus**)
2398 **Talinum** 'Kingwood Gold' pink flr/chartreuse lvs 45-60cm 29
2399 **Tanacetum** albipannosum white flr/silver lvs 35cm 189
2400 aureum yellow flr/grey-green lvs 27-37cm 154
2401 corymbosum white 40-120cm 189
2402 densum ssp amani yellow flr/silvery-white downy lvs to 15cm 141
2403 macrophyllum white 30-90m 189
2404 niveum white flr/silver-grey lvs 45-90cm 141 156
2405 parthenium 'Aureum' white flr/chartreuse lvs to 30cm 90
2406 parthenium 'Snowball' double white to 30cm 90
2407 **Taraxacum** atrans white/blush 2-8cm 113
2408 **Telekia** speciosa yellow 120-180cm 164
2409 **Telesonix** (Boykinia) jamesii crimson-purple 6-18cm 189
2410 jamesii 'Pikes Peak Form' 1
2411 **Tellima** grandiflora greenish white-pinkish red 40-90cm 29
2412 **Tetraneuris** acaulis yellow 2-30cm 189
2413 acaulis v caespitosa yellow 2-8cm 189
2414 herbacea yellow 6-35cm 188 189
2415 scaposa yellow 14-40cm 3
2416 **Teucrium** botrys pink-purple 10-30cm 189
2417 cubense pale bluish 15-70cm 79
2418 hircanicum deep purple-reddish 45-60cm 172 179 206
2419 **Teucrium** orientale lilac-blue 20-50cm 46
2420 **Thalictrum** aquilegifolium lilac-purple to 90cm 77 179
2421 aquilegifolium white/pink/lavender mix to 90cm 206
2422 dasycarpum white 40-150cm 117
2423 delavayi white 60-150cm 106
2424 delavayi white/pink to 2m 61
2425 dioicum greenish-yellow 30-80cm 77
2426 heliophilum 14-50cm 189
2427 minus green flr/blue-green lvs 30-45cm 36
2428 minus greenish to 30cm 88
2429 minus 'Adiantifolium' creamy yellow 30-90cm 117
2430 pubescens white-purplish 50-300cm 163
2431 rochebruneanum lavender-purple 120-180cm >
2432 rochebruneanum 'Lavender Mist' lavender-purple flr/dark stems to 1.8m 52 90
2433 **Thelesperma** filifolium golden-yellow 10-40cm 137
2434 **Thelocactus** rinconensis ssp multicephalus white 4-15cm 167
2435 setispinus yellow/red center 7-30cm 132
2436 **Thermopsis** lanceolata yellow 30-60cm 148
2437 montana yellow 60-120cm 189
2438 **Thlaspi** bellidifolium lilac-purple 2-5cm 133
2439 rotundifolium light purple-pink 5-15cm 113
2440 **Thymus** haussknechtii white flr/grey-green lvs 3-10cm 128
2441 **Tiarella** cordifolia white 15-40cm 70
2442 **Tigridia** pavonia brick-red 25-50cm 206
2443 pavonia red 30-100cm 157
2444 **Tithonia** rotundifolia orange-red 120-180cm 210
2445 **Townsendia** exscapa white 1-3cm 133
2446 hookeri white 1-3cm >
2447 incana white-pinkish tint 2-12cm 189
2448 'Jeannie's Purple' lavender-purple 2.5cm 128
2449 montana mix 2cm 113
2450 parryi blue-purplish 5-12cm >
2451 rothrockii blue-purplish 1-3cm >
2452 sp white 7cm 60
2453 spathulata white-pinkish 1-2cm 113
2454 **Trachelium** caeruleum 'Hamer Pandora' deep purple flr/purple-black lvs 60-90cm 157
2455 **Trachymene** coerulea lavender blue 60cm 191
2456 **Tradescantia** tharpai purple/rose to 20cm 189
2457 **Tricyrtis** ex 'Angel's Halo' white/lilac spots to 1m 24
2458 hirta white/purple spots 60-90cm 9
2459 latifolia yellow/reddish spots 40-100cm 22 201
2460 maculata cream-green/red-brown spots 120cm 206
2461 puberula yellow/russet spots to 90cm 87
2462 **Trillium** cuneatum (moist packed) maroon to 45cm 209
2463 erectum red/maroon-dark purple 15-60cm 207
2464 erectum (moist packed) red/maroon 15-60cm 24
2465 flexipes hybrid (moist packed) red flr/white ovary 20-50cm 209
2466 kurabayashii (moist packed) red-purple flr/mottled lvs 25-55cm 206
2467 ovatum white 20-50cm 173
2468 sessile (moist packed) maroon purple 8-25cm 118
2469 sessile x luteum (aff) (moist packed) bronzy-maroon 24
2470 sp (sessile type) (moist packed) dark maroon/fragrant 20cm 209
2471 **Triosteum** aurantiacum maroon flr/orange-red frt 60-120cm 76
2472 aurantiacum (moist packed) maroon flr/orange-red frt 60-120cm 179
2473 pinnatifidum white flr/white frt to 60cm 20
2474 pinnatifidum (moist packed) white flr/white frt to 60cm 117
2475 **Tripura** (Caryopteris) divaricata pinkish-purple to 80cm 210
2476 **Tripsacum** dactyloides 60-90cm 4
2477 **Triteleia** laxa pale blue/deep purple 10-70cm 18
2478 laxa 'Corrina' deep blue-violet 30-45cm 206
2479 **Trollius** chinensis orange 20-80cm 26
2480 europaeus yellow 40-60cm 86
2481 europaeus (ex Dolomites) yellow 60cm 169
2482 farreri v farreri yellow 5-19cm 72
2483 hondoensis orange 40-80cm 155
2484 laxus pale-bright yellow 5-52cm 182
2485 pumilus yellow to 25cm 107 169
2486 **Tropaeolum** polyphyllum yellow flr/blue-grey lvs 20cm 199
2487 **Tsuga** canadensis 'Pendula' 120-150cm 61
2488 **Tulipa** armena (ex Turkey) 153
2489 biflora (ex Iran) 103
2490 clusiana white/red-pink 15-30cm 82
2491 clusiana 'Lady Jane' white/rose-red reverse 20-30cm 52 195
2492 cretica white/pink 5-10cm 103
2493 'Goldmine' dark yellow-dark base flr/striped lvs to 25cm 126
2494 humilis lilac-pink/yellow base to 20cm 103
2495 iliensis yellow/red tinged reverse 10-20cm 123
2496 neustruevae bright yellow/greenish-brown reverse to 15cm 123
2497 saxatilis bright pink/yellow center 30cm 123

Garden Collected

- 2498 **Tulipa saxatilis** ssp *bakeri* deep pink-lilac purple/pale yellow base 15-20cm 206
 2499 *sprengeri* bright red/scarlet 20-40cm >
 2500 *sylvestris* yellow to 45cm >
 2501 *tarda* yellow/white tips 5-20cm >
 2502 *urumiensis* yellow/olive green-red reverse 10cm 123
 2503 *vvedenskyi* x 'Joker' (ex Ruksans) yellow-orange flush/dark center flr/mottled lvs 20cm 8
 (**Tweedia** > see **Oxypetalum**)
 2504 **Umbilicus** *luteus* greenish-yellow 30-80cm 127
 2505 **Uncinia** *rubra* dark red lvs 15-35cm 206
 2506 **Uvularia** *grandiflora* (moist packed) yellow 20-75cm 209
 2507 **Vancouveria** *hexandra* (moist packed) white 8-30cm 209
 (**Veratrum** > see also **Melanthium**)
 2508 **Veratrum** *formosanum* dark purple 30cm 189
 2509 *nigrum* black-purple to 1m 189 208
 2510 **Verbascum** *blattaria* f *albiflora* (PI) white 60-100cm 46 206
 2511 *bombyciferum* yellow flr/grey-white felted lvs 150-180cm 189
 2512 *chaixii* 'Album' white/purple center to 1m 164
 2513 *lychnitis* white-yellow flr/white woolly under lvs-stems to 150cm 189
 2514 *olympicum* yellow flr/grey-green felted lvs to 1.8m 206
 2515 *pyramidatum* yellow flr w/purple anthers/downy lvs 60-150cm 206
 2516 *roripifolium* yellow to 1.2m 189
 2517 *sp* 37
 2518 **Verbena** *bonariensis* lavender-purple to 120cm 90 9
 2519 *hastata* blue-violet 35-150cm 179
 2520 *hastata* 'Rosea' pale pink 60-150cm 90
 2521 *stricta* blue-purple flr/grey-green lvs 60-120cm 179
 2522 **Verbesina** *alternifolia* yellow 1-2m 144 181
 2523 **Vernonia** *baldwinii* purple 60-100cm 189
 2524 *fasciculata* purple 30-120cm 179
 2525 *gigantea* purple 80-200cm 148
 2526 *larseniae* purple flr/silver woolly lvs 70-100cm 189
 2527 *noveboracensis* purple 80-120cm 16
 2528 **Veronica** *bachofenii* blue 20-30cm 179
 2529 *bullii* cream-pale yellow 15-30cm 4
 2530 *gentianoides* deep-pale blue 30-40cm 9
 2531 *gentianoides* 'Little Blues' light blue 15cm 16

- 2532 **Veronica** *grandiflora* (ex Aleutian Islands, AK) deep blue/purple 12cm 67
 2533 *schmidtiana* light blue-purple 10-25cm 118
 2534 *spicata* 'Pink Goblin' rosy-pink to 45cm 90
 2535 **Vestia** *foetida* yellow-green to 2m 159
 2536 **Viburnum** *prunifolium* white 2-9m 210
 2537 **Viola** *crassa* deep yellow 5-12cm 171
 2538 *elatior* light blue 20-50cm 105 189
 2539 *nuttallii* yellow 2-27cm 133
 2540 *pedata* light-dark blue-violet 5-30cm 121 188
 2541 **Vitaliana** *primuliflora* ssp *praetutiana* yellow flr/silvery-grey lvs 2-5cm 120
 2542 **Watsonia** *meriania* (PI-California) orange/red/purple 50-200cm 129
 2543 *vanderspuyae* dark red/scarlet 1-2m 6
 (**Wulfenia** > see **Veronica**)
 2544 **Wyethia** *amplexicaulis* yellow 25-50cm 43
 2545 **Xanthisma** (Aster) *coloradoense* blue 2.5-14cm 53
 2546 *coloradoense* deep pink 2.5-14cm 136
 2547 *coloradoense* pink 2.5-14cm 99
 2548 *coloradoense* pink-purple 2.5-14cm 25 141
 2549 **Xerochrysum** *papillosum* pink tinged white 20-80cm 196
 2550 **Ypsilandra** *thibetica* white/pink/purple 7-50cm 116
 2551 **Yucca** *cernua* white flr/glaucous lvs 60-90cm lvs/3m flr 162
 2552 **Zanthoxylum** *simulans* pale yellowish green to 7m 187
 (**Zauschneria** > see **Epilobium**)
 2553 **Zenobia** *pulverulenta* white 50-180cm 39
 2554 **Zephyranthes** *citrina* yellow 15cm 21
 2555 *dichromantha* yellow 20-30cm 21
 2556 *drummondii* white 12-40cm 3 21 132
 2557 *macrosiphon* Hidalgo Form deep pink 25cm 89
 2558 *primulina* yellow 15cm 21
 2559 *reginae* yellow 15-30cm 21
 2560 *sp* (ex Jacala, Mexico) wine-red 21
 (**Zigadenus** > **Toxicoscordion**)
 2561 **Zinnia** *grandiflora* yellow 8-22cm 189
 2562 **Zizia** *aptera* yellow 30-90cm 16
 2563 *aurea* yellow 40-75cm 134 163 175
 2564 **Ziziphora** *clinopodioides* white/pink-mauve 5-30cm 189
 2565 **Ziziphus** *jujuba* yellow-green flr/red-purple frt to 10m 175

Wild Collected:

- 3001 **Aconitum** *columbianum* deep blue 200cm
 3002 **Actaea** *japonica* white 40-50cm
 3003 *pachypoda* (moist packed)
 3004 *simplex* white 50-70cm
 3005 **Adenophora** *divaricata* pale blue 50-70cm
 3006 *remotiflora* blue 40-50cm
 3007 *triphylla* v *japonica* pale blue 50-70cm
 3008 **Adonis** *ramosa*
 3009 *turkestanica* yellow 15-40cm
 3010 **Agastache** *urticifolia* lavender 50cm
 3011 **Agave** *gracilipes* 90cm
 3012 *lechuguilla* 40cm
 3013 *utahensis* ssp *kaibabensis* 60cm
 3014 **Ajuga** *pyramidalis* blue 10cm
 3015 **Allium** *acuminatum* (cf) pink 25cm
 3016 *afiatunense* pink 70cm
 3017 *cernuum* white 25-35cm
 3018 *stellatum* light lavender 20-40cm
 3019 **Alnus** *viridis* ssp *sinuata* 250cm
 3020 **Amsonia** *tabernaemontana* blue 60cm
 3021 **Androsace** *bisulca* v *bisulca* (syn. v *brahmaputrae*) red flr/hairy 3-8cm
 3022 *darvasica* white 3-7cm
 3023 **Anemone** *cylindrica* white 30cm
 3024 *parviflora* white 10cm
 3025 **Anemonopsis** *macrophylla* pale purple 40-50cm
 3026 **Angelica** *archangelica* green 50cm
 3027 **Antennaria** *dioica* red 5cm
 3028 **Aquilegia** *buergeriana* lemon yellow 40-50cm
 3029 *formosa* red/yellow 20-45cm
 3030 **Arctostaphylos** *uva-ursi* white 15cm
 3031 **Arisaema** *dracontium* green 1m
 3033 *triphillum* 30-90cm
 3032 *triphillum*
 3034 *triphillum* bronze green/white 40cm
 3035 *triphillum* green 30cm
 3036 **Arum** *korolkowii* green spathe/red frt 20-40cm
 3037 **Aruncus** *dioicus* v *acuminatus* cream 220cm

- Washington: Fish Lake, Cle Elum 116
 Japan: Yamanashi Pref / 600m 85
 New York: Ithaca 75
 Japan: Yamanashi Pref / 600m 85
 Japan: Yamanashi Pref / 600m 85
 Japan: Yamanashi Pref / 1500m 85
 Japan: Yamanashi Pref / 1500m 85
 Japan: Kanuma 84
 Tajikistan: Hissar Mtns / 2900m 211
 Oregon: Vinegar Hill, Malheur NF 116
 Texas: Culberson Co 161
 Texas: El Paso 161
 Arizona: Coconino Co 161
 Norway: Harstad 169
 Washington: Klickitat Co 60
 Tajikistan: Peter I Range / 2300m 211
 Tennessee: Cumberland Plateau, Franklin Co 49
 Minnesota: Yellow Medicine Co 117
 Washington: Heather Pass, N Cascades 116
 Texas: Hardin Co 131

- China: Basum Tso, Tibet / 3300m 211
 Tajikistan: Darvaz / 3300m 211
 Michigan: Newaygo Co 112
 Canada: Mt 5040, Vancouver Island, BC 202
 Japan: Yamanashi Pref / 600m 85
 Norway: Lodingen 169
 Norway: Harstad 169
 Japan: Yamanashi Pref / 1500m 85
 Oregon: Fuller Creek Watershed, Benton Co 127
 Massachusetts: West Tisbury 55
 Pennsylvania: Venango Co 138
 Michigan: Shiawassee Co 130
 Connecticut: Southeast 185
 Vermont: Addison Co 146
 New Jersey 191
 Tajikistan: Romit / 1500m 211
 Washington: Silver Creek, Monte Cristo 116

Wild Collected

3038 **Asclepias** exaltata white 100cm
 (Aster > see **Canadanthus, Symphyotrichum**)
 3039 **Astilbe** microphylla pale pink 50-70cm
 3040 **Astragalus** norvegicus blue 30cm
 3041 spatulatus pink/white 10cm
 3042 **Balsamorhiza** sagittata yellow 60cm
 3043 **Calochortus** amabilis yellow 20cm
 3044 eurycarpus white 50cm
 3045 longibarbus white 30cm
 3046 subalpinus white 25cm
 3047 tolmiei white/pink 12-20cm
 3048 **Calypto** bulbosa pink 8-15cm
 3049 **Camassia** leichtlinii blue 70cm
 3050 quamash blue 40cm
 3051 **Campanula** lasiocarpa purple 20cm
 3052 **Canadanthus** (Aster) modestus purple
 3053 **Carex** atrata brown 20cm
 3054 **Castilleja** chromosa red/orange 20cm
 3055 **Caulophyllum** robustum green 40-50cm
 3056 **Chimaphila** maculata
 3057 **Chorisporea** macropoda yellow 3-5cm
 3058 **Chrysopsis** mariana yellow 30cm
 3059 **Chrysothamnus** viscidiflorus yellow 60cm
 3060 **Cirsium** microspicatum pink 50-70cm
 3061 **Clematis** stans pale blue 50-70cm
 3062 **Clinopodium** chinense v parviflorum pink 30-40cm
 3064 **Clintonia** borealis yellow 30cm
 3063 borealis yellow 20cm
 3065 **Cocculus** orbiculatus lemon yellow 100cm
 3066 **Codonopsis** clematidea pale blue flr/grey hairy lvs 30-50cm
 3067 **Colchicum** kesselringii white/purple stripes 5-10cm
 3068 **Conandron** ramondioides purple 5-10cm
 3069 **Cornus** canadensis white 7.5cm
 3070 florida white 3.5m
 3071 florida white 6m
 3072 **Cremanthodium** calcicola dark brown 20-40cm
 3073 **Cypripedium** calceolus yellow/brown 30cm
 3074 **Dactylorhiza** fuchsii pink 30cm
 3075 lapponica pink 20cm
 3076 **Deinantha** bifida white 15-20cm
 3077 **Delphinium** occidentale deep blue 200cm
 3078 **Desmodium** glutinosum pink 30cm
 3079 **Dichelostemma** ida-maia red 25cm
 3080 **Dionysia** involucreta rose 5-8cm
 3081 **Dipcadi** serotinum
 3082 **Dodecatheon** hendersonii fuchsia 20cm
 3083 pulchellum magenta 30cm
 3084 pulchellum pink 15cm
 3085 **Drimia** (Urginea) maritima
 3086 **Drosera** intermedia white 10cm
 3087 **Echinocactus** texensis pink 2-3cm
 3088 **Echinocereus** chloranthus green-yellowish brown 3.5-6cm
 3089 fendleri purple 10-20cm
 3090 viridiflorus yellow-green 2-2.5cm
 3091 viridiflorus ssp cylindricus yellow-green 5-15cm
 3092 **Epipactis** helleborine green/pink 75cm
 3093 **Epithelantha** micromeris white 1.5-3cm
 3094 **Eranthis** pinnatifida
 3095 **Eremurus** stenophyllus bright yellow flr fade brown-purple 100-120cm
 3096 **Erigeron** acris pink 15cm
 3097 **Erythronium** grandiflorum yellow 25cm
 3099 grandiflorum yellow 30cm
 3098 grandiflorum yellow 20cm
 3100 hendersonii pink 12-20cm
 3101 montanum white 30cm
 3102 revolutum pink 30cm
 3103 **Escobaria** missouriensis yellow 1.5-3cm
 3104 **Eutrochium** (Eupatorium) fistulosum pink 120cm
 3105 **Festuca** rubra (cf) bronze 30cm
 3106 **Filipendula** multijuga pink 40-50cm
 3107 **Fritillaria** affinis brown 25cm
 3108 affinis brown 60cm
 3109 affinis dark flowered form 50cm
 3110 **Gentiana** olivieri blue 15cm
 3111 rubricaulis dark blue/purple 60cm
 3112 sceptrum blue 15cm
 3113 **Gentianopsis** crinita blue 40cm
 3114 **Gladiolus** dubius (x)
 3115 **Goodyera** pubescens white 15-45cm
 3116 **Handelia** trichophylla yellow 50-100cm
 3117 **Helianthella** uniflora yellow 75cm
 3118 **Helleborus** niger ssp macranthus white flr/brownish-reddish new lvs 20cm

Wild Collected

North Carolina: Watauga Co 119

Japan: Yamanashi Pref / 1500m 85
 Norway: Harstad 169
 Wyoming: Cody 161
 Montana: Missoula Co 43
 California: Ukiah 12
 Oregon: Vinegar Hill, Malheur NF 116
 Washington: Klickitat Co 60
 Washington: Mt Adams S Slope 116
 Oregon: Jackson Co 53
 Oregon: Jackson Co 53
 Canada: Victoria, BC 203
 Canada: Victoria, BC 202
 Alaska: Gold Ridge, Juneau 107
 Washington: King Co / 945m 106
 Norway: Harstad 169
 Utah: La Sal Mtns 161
 Japan: Yamanashi Pref / 600m 85
 Connecticut: Southeast 185
 Tajikistan: Hissar Mtns / 3300m 211
 North Carolina: Guilford Co 119
 Colorado: Boulder Co 151
 Japan: Yamanashi Pref / 600m 85
 Japan: Yamanashi Pref / 600m 85
 Japan: Yamanashi Pref / 600m 85
 New Hampshire: Cheshire Co 145
 Minnesota: central St. Louis Co 118
 Japan: Yamanashi Pref / 600m 85
 Tajikistan: Zeravshan Range / 2200m 211
 Tajikistan: Hissar Mtns / 2900m 211
 Japan: Yamanashi Pref / 600m 85
 Canada: Haliburton, ON 201
 Michigan: Macomb Co 30
 North Carolina: Chatham Co 58
 China: Galung La, Tibet / 3800m 211
 Norway: Ibestad 169
 Norway: Harstad 169
 Norway: Harstad 169
 Japan: Yamanashi Pref / 600m 85
 Oregon: Vinegar Hill, Malheur NF 116
 New York: Bemus Point 181
 California: Ukiah 12
 Tajikistan: Hissar Mtns / 1300m 211
 France: Gard 154
 Canada: Victoria, BC 203
 Alaska: Eagle Beach, Juneau 107
 Canada: SW Alberta 27
 France: Hérault 154
 Canada: Lennox & Addington Co, ON 121
 Texas: Palo Pinto Co / 274m 49
 New Mexico: Lincoln Co 49
 New Mexico: Socorro Co 49
 New Mexico: San Miguel Co 49
 New Mexico: Eddy Co 49
 Pennsylvania: Mercer Co 138
 New Mexico: Sierra Co 49
 Japan: Kanuma 84
 Tajikistan: Peter I Range / 2300m 211
 Norway: Ibestad 169
 Canada: Mt 5040, Vancouver Island, BC 203
 Washington: Gallagher Head Lake 116
 Colorado: Ragged Mtn 161
 Oregon: Jackson Co 53
 Washington: Marmot Pass, Olympic Mtns 116
 Canada: Campbell River, Vancouver Island, BC 203
 Texas: Hays Co 49
 North Carolina: Watauga Co 119
 Washington: Mt Adams S Slope 116
 Japan: Yamanashi Pref / 1500m 85
 California: Ukiah 12
 Canada: Ruxton Island, BC 202
 Washington: Fish Lake, Cle Elum 116
 Tajikistan: Peter I Range / 2500m 211
 Michigan: Keweenaw Co 178
 Canada: Jordan River, Vancouver Island, BC 202
 Massachusetts: Franklin Co 145
 France: Gard 154
 North Carolina: Surry Co 130
 Tajikistan: Hissar Mtns / 2000m 211
 Oregon: Vinegar Hill, Malheur NF 116
 Italian Alps 96

- 3119 **Hepatica** nobilis v acuta (moist packed) mix 15cm
3120 **Hesperostipa** (Stipa) comata 30cm
3121 **Hibiscus** moscheutos pink 120cm
3122 **Hosta** longipes pale purple 10-20cm
3123 **Hylotelephium** verticillatum green 20-30cm
3124 **Hypericum** hirsutum
3125 **Indigofera** pseudotinctoria pink 50-70cm
3126 **Ipomoea** leptophylla lavender/pink to 90cm
3127 **Iris** korolkowii creamy/brown veins 20cm
3128 missouriensis lilac 60cm
3129 missouriensis blue 40cm
3130 missouriensis lilac 50cm
3131 missouriensis blue 30cm
3132 sanguinea blue 50-70cm
3133 versicolor blue 1m
3134 vicaria white w/yellow 20-30cm
3135 **Isodon** (Rabdosia) effusus blue 40-50cm
3136 umbrosus v leucanthus blue 40-50cm
3137 **Leptarrhena** pyrolifolia white 40cm
3138 **Lespedeza** pilosa pink 40-50cm
3139 **Liatris** pilosa purple 50cm
3140 punctata
3141 punctata purple 45cm
3142 **Lilium** auratum yellow/white 70-100cm
3143 canadense red/yellow/orange 100cm
3144 columbianum orange 30-90cm
3145 columbianum orange 80cm
3146 columbianum yellow/orange 90cm
3147 columbianum (East Cascades form) orange 75cm
3148 philadelphicum orange 45cm
3149 **Lithospermum** canescens yellow-gold 15-35cm
3150 **Lobelia** cardinalis red 60cm
3151 siphilitica blue 30cm
3152 siphilitica purple-violet 60-90cm
3153 **Lomatium** brandegeei yellow 50cm
3154 dissectum chartreuse 100cm
3155 grayi yellow 20-62cm
3156 sp (likely not columbianum) 40cm
3157 **Lotus** corniculatus (PI) yellow 5cm
3158 **Luina** hypoleuca cream 40cm
3159 **Luzula** spicata brown 20cm
3160 sylvatica brown 40cm
3161 **Malva** subovata
3162 **Manfreda** maculosa (robust form) white 60cm
3163 **Melampyrum** lineare cream 15-20cm
3164 **Mentzelia** nuda white 60-90cm
3165 **Mertensia** virginica blue 60cm
3166 **Micranthes** (Saxifraga) lyallii white 10cm
3167 nivalis white 10cm
3168 **Mitella** diphylla white 30cm
3169 **Monotropa** uniflora
3170 **Nothochelone** nemorosa magenta 40cm
3171 **Olsynium** douglasii violet 15cm
3172 **Oonopsis** (Stenotus) multicaulis yellow 15cm
3173 **Osmorhiza** berteroi white 75cm
3174 **Ostrya** virginiana green to 10m
3175 **Oxytropis** besseyi v besseyi pink/purple 20cm
3176 **Packera** (Senecio) aurea yellow 60cm
3177 **Paliurus** spina-christi
3178 **Paraquilegia** caespitosa white-bluish 4-12cm
3179 **Paris** quadrifolia cream 30cm
3180 **Penstemon** cardwellii magenta 30cm
3181 davidsonii pink 10cm
3182 digitalis white 60cm
3183 glandulosus v chelanensis violet 80cm
3184 procerus (aff) blue 40cm
3185 procerus v formosus 15cm
3186 speciosus blue 60cm
3187 **Pericallis** webbii blue 100cm
3188 **Phacelia** sericea mauve 20cm
3189 **Phyllodoce** empetriformis pink 30cm
3190 **Physostegia** digitalis deep pink 90-120cm
3191 **Pityopsis** falcata yellow 30cm
3192 **Polygonatum** biflorum
3193 biflorum white 45-100cm
3194 **Primula** agleniana rose 20-30cm
3195 alpicola pale yellow 30-50cm
3196 florindae yellow 40-80cm
3197 minkwitziae rose/yellow throat 10-15cm
3198 olgae rose 5-20cm
3199 pamirica rose 5-12cm
3200 prenantha ssp morsheadiana yellow 15-20cm
3201 scandinavica pink 10cm
3202 tsariensis v tsariensis red-purple 12-20cm
- Michigan: Washtenaw Co 209
Minnesota: Yellow Medicine Co 117
Michigan: Monroe Co 30
Japan: Yamanashi Pref / 600m 85
Japan: Yamanashi Pref / 1500m 85
Czech Republic: SE Moravia 179
Japan: Yamanashi Pref / 600m 85
Colorado: Douglas Co / 1890m 109
Tajikistan: Zeravshan Range / 2400m 211
Colorado: Uncompahgre Plateau 161
Oregon: Vinegar Hill, Malheur NF 116
Utah: La Sal Mtns 161
Washington: Kittitas Co / 914m 159
Japan: Yamanashi Pref / 1500m 85
Pennsylvania: Mercer Co 138
Tajikistan: Hissar Mtns / 1300m 211
Japan: Yamanashi Pref / 600m 85
Japan: Yamanashi Pref / 600m 85
Washington: Lewis Lake, N Cascades 116
Japan: Yamanashi Pref / 600m 85
New Jersey: Burlington Co 166
Canada: Saskatchewan 83
Colorado: Boulder Co 151
Japan: Yamanashi Pref / 600m 85
Vermont: Addison Co 146
Oregon: Fuller Creek Watershed, Benton Co 127
Oregon: Mary's Peak 145
Canada: Jordan River, Vancouver Island, BC 202
Washington: Snoqualmie Pass 116
Canada: SW Alberta 27
Minnesota: Anoka Co 47
North Carolina: Guilford Co 119
Michigan: Kent Co 112
Virginia: Scott Co 111
Washington: Snoqualmie Pass 116
Montana: Missoula Co 43
Washington: Klickitat Co 60
Oregon: Columbia River Gorge 34
Norway: Harstad 169
Washington: Snoqualmie Pass 116
Norway: Hinnstein, Harstad / 500m 169
Norway: Flakstad, Lofoten 169
France: Gard 154
Texas: Hondo, Medina Co 131
Michigan: Houghton Co 178
Colorado: Douglas Co / 1750m 109
Michigan: Kent Co 112
Washington: Heather Pass, N Cascades 116
Norway: sea level, Harstad 169
Michigan: Kent Co 112
Connecticut: Franklin 24
Washington: Snoqualmie Pass 116
Canada: Mt Wells, Victoria, Vancouver Island, BC 202
Wyoming: Beartooth Mtns 161
Canada: SW Alberta 27
Tennessee: Hamilton Co 89
Wyoming: Cody 161
Michigan: Kent Co 112
France: Gard 154
Tajikistan: Darvaz / 3000m 211
Finland: Pyhaeranta 207
Oregon: Mary's Peak 145
Canada: Mt 5040, Vancouver Island, BC 202
Michigan: Newaygo Co 112
Washington: Klickitat Co 60
Oregon: Vinegar Hill, Malheur NF 116
Oregon: Strawberry Mtn 159
Washington: Kittitas Co / 914m 159
Spain: Mogan, Gran Canaria 169
Canada: SW Alberta 27
Washington: Blanca Lake, Monte Cristo 116
Arkansas: Miller Co 49
Massachusetts: West Tisbury 55
Michigan: Kent Co 112
North Carolina: Jackson Co 76
China: Galung La, Tibet / 3900m 211
China: Lulang, Tibet / 3200m 211
China: Lulang, Tibet / 3300m 211
Tajikistan: Zeravshan Range / 3400m 211
Tajikistan: Hissar Mtns / 2800m 211
Tajikistan: Darvaz / 3300m 211
China: Galung La, Tibet / 3900m 211
Norway: Harstad 169
China: Galung La, Tibet / 3900m 211

Wild Collected

- 3203 **Prosartes** (Disporum) lanuginosa pale yellow unspotted flr/
orange frt 40-91cm
North Carolina: Macon Co 76
- 3204 **Pseudolysimachion** rotundum ssp subintegrum blue 50-70cm
Japan: Yamanashi Pref / 1500m 85
- 3205 **Pulsatilla** campanella dirty bluish-grey flr 15-20cm
Tajikistan: Darvaz / 3300m 211
- 3206 **vernalis** cream 10-20cm
Norway: Dovre 86
- 3207 **Pyrethrum** pyrethroides white flr/white tomentose lvs 10-15cm
Tajikistan: Darvaz / 3000m 211
- 3208 **Pyrola** americana
Connecticut: Southeast 185
- 3209 **elliptica** pinkish 15cm
New Jersey 191
- (**Rabdosia** > see **Isodon**)
- 3210 **Rhodiola** rosea yellow 10cm
Alaska: Gold Ridge, Juneau 107
- 3211 **Rhododendron** arborescens white 3m
Pennsylvania: Somerset Co 30
- 3212 **canadense** purple 90cm
New Hampshire: Cheshire Co 145
- 3213 **Rosa** spinosissima
France: Gard 154
- 3214 **Rubus** arcticus pink 10cm
Norway: Harstad 169
- 3215 **Salvia** nipponica yellow 20-30cm
Japan: Yamanashi Pref / 600m 85
- 3216 **Sarracenia** purpurea red 30cm
Canada: Lennox & Addington Co, ON 121
- (**Saxifraga** > see also **Micranthes**)
- 3217 **Saxifraga** bronchialis pale yellow 5cm
Alaska: Gold Ridge, Juneau 107
- 3218 **bronchialis** white 15cm
Canada: Mt 5040, Vancouver Island, BC 202
- 3219 **Scabiosa** japonica pale blue 50-70cm
Japan: Yamanashi Pref / 1500m 85
- (**Senecio** > see also **Packera**)
- 3220 **Senecio** flammeus ssp glabrifolius yellow 40-50cm
Japan: Yamanashi Pref / 1500m 85
- 3221 **Sergia** regelii blue 10-15cm
Tajikistan: Zeravshan Range / 2400m 211
- 3222 **Silene** dioica pink 5cm
Norway: sea level, Harstad 169
- 3222 **dioica** pink 15-20cm
Finland: Norrback, Portom 86
- 3224 **parryi** white 15cm
Canada: Mt 5040, Vancouver Island, BC 202
- 3225 **viscaria** pink 15cm
Finland: Norrback, Portom 86
- 3226 **Solidago** caesia
Michigan: Kent Co 112
- 3227 **nemoralis** yellow 15-45cm
Virginia: Scott Co 111
- 3228 **uliginosa** yellow 90cm
Canada: Hastings Co, ON 121
- 3229 **Stachys** officinalis
Czech Republic: SE Moravia 179
- (**Stenotus** > see also **Oonopsis**)
- 3230 **Stenotus** acaulis yellow 10cm
Wyoming: Cody 161
- 3231 **Symphotrichum** (Aster) puniceum blue-violet 1.5m
Michigan: Kent Co 112
- 3232 **Tephrosia** virginiana pink/yellow 40cm
New Jersey: Burlington Co 166
- 3233 **Teucrium** chamaedrys
Czech Republic: SE Moravia 179
- 3234 **Thalictrum** aquilegifolium white 50-70cm
Japan: Yamanashi Pref / 1500m 85
- 3235 **dasycarpum** purple 1.5m
Michigan: Newaygo Co 112
- 3236 **Townsendia** parryi blue/violet 5-10cm
Montana: Pioneer Mtns 136
- 3237 **parryi** purple 15cm
Canada: S Alberta foothills 168
- 3238 **Toxicoscordion** (Zigadenus) venenosum cream 60cm
Canada: Duncan, Vancouver Island, BC 202
- 3239 **Trichostema** (Isanthus) brachiatum lavender 15-30cm
Minnesota: Yellow Medicine Co 117
- 3240 **Trillium** cernuum (moist packed) white/cream 30-45cm
Michigan: Houghton Co 178
- 3241 **Trollius** hondoensis yellow 50-70cm
Japan: Yamanashi Pref / 1500m 85
- 3242 **Vaccinium** deliciosum pink 50cm
Washington: Lewis Lake, N Cascades 116
- 3243 **Vernonia** noveboracensis purple maroon 120cm
North Carolina: Guilford Co 119
- 3244 **Veronica** austriaca ssp teucrium
Czech Republic: SE Moravia 179
- 3245 **fruticans** blue 5cm
Norway: sea level, Harstad 169
- 3246 **Veronicastrum** japonicum pale purple 50-70cm
Japan: Yamanashi Pref / 1500m 85
- 3247 **Viola** rupestris
Czech Republic: SE Moravia 179
- 3248 **Xanthisma** grindelioides yellow/green rayless 10cm
Wyoming: Cody 161
- 3249 **Zephyranthes** simpsonii white/pink 10-20cm
Florida: Marian Co 49

Wild Collected