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Brief Index from 120 to 131 pages 83-84

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SCOTTISH ROCK GARDEN CLUB

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SYMBOLS

01/ = Issue Number

/12 = Adobe Reader Page number

/12C = Colour picture

/12D = Drawing

/3P = Painting

; = Divider between Issues

, = Divider between Pages

— = Substitute for name above

/13* = Diagnoses and descriptions

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Cover image – *Dryas octopetala* in Canada – photo Lori Skulski

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/12 = Adobe Reader Page number

/12C = Colour picture

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; = Divider between Issues

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— = Substitute for name above

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— — 'Hidegkut' : 135/18
— — 'James Pringle' : 135/18
— — 'Klondike' : 135/18
— — 'Lilac Wonder' : 135/11P, /14
— — 'Naeisanum' : 135/18
— — 'Petrovac' : 135/18
— — 'President Coolidge' : 135/18
— — 'Pride of Holland' : 135/14
— — 'Purity' : 135/18
— — 'Rosy Dawn' : 133/41C
— — 'Ruby Queen' : 135/18
— — 'Surprise' : 135/18
— — 'Violet Queen' (*C. speciosum* × *bivonae*) : 135/11-19, /11P
— — 'W. Kerbert' : 135/18
— — 'Waterlily' : 135/11P, /12, /14
— leaf : 136/3, /4
— ovary underground : 136/4

- Colchicum** perianth colour : **136/4**
- perianth segments : **136/3**
 - phylogenetics : **147/18**
 - pollinators : **136/4**
 - scout-flower : **136/4**
 - seed : **136/5**
 - — capsule : **136/4**
 - — dormancy : **136/5**
 - — hilum : **136/5**
 - — sowing : **136/5**
 - speciation & biodiversity centres : **136/7**
 - toxicity (colchicine) : **136/3**
 - × agrippinum : **135/18C**
 - alberti : **136/7**
 - — (Kyrgyzstan, Chuy, Ala-Bel Pass) : **136/71C**
 - — corms (Tajikistan, Darwaz, Tovil-Dara) : **136/72C**
 - — A. Seisums selections (Tajikistan, Darwaz, Tovil-Dara) : **136/72C**
 - — 'Janis Ruksans' : **136/72C**
 - — (cf. *C. luteum* × *C. kesselringii*) distribution : **136/10**
 - alpinum, distribution : **136/9**
 - antepense (Turkey, Adıyaman) : **136/46C**
 - — (Turkey, Gaziantep) : **136/46C**
 - — corms (Turkey, Gaziantep) : **136/46C**
 - — distribution : **136/9**
 - arenarium (*C. fominii*) (Moldova, Budzhak) : **136/32C**
 - — — corms (Moldova, Budzhak) : **136/32C**
 - — (incl. *C. fominii*) distribution : **136/9**
 - asteranthum (Greece, Peloponnesus, Arkadia) : **136/33C**
 - — corms (Greece, Peloponnesus, Arkadia) : **136/33C**
 - — distribution : **136/9**
 - atticum : **144/81**
 - — (Turkey, Denizli) : **136/47C**
 - — corms (Turkey, Denizli) : **136/47C**
 - — distribution : **136/9**
 - — stolon-like cormels : **136/7**
 - autumnale, corm tunic : **136/6**
 - — daughter corms : **136/7**
 - — distribution : **136/9**
 - balansae (Turkey, Van) : **136/48C**
 - — distribution : **136/9**
 - bivonae, distribution : **136/9**
 - — (Greece, Samos, Mount Ampelos) : **136/34C**
 - — corm : **136/6**
 - — distribution : **136/9**
 - — vs *Sternbergia clusiana* : **136/34C**
 - bornmuelleri : **135/11P; 147/17**
 - — as syn. of *C. speciosum* or cv group : **147/19**
 - bulbocodium subsp. bulbocodium (France, Alpes Maritimes) : **136/35C**
 - — — corm : **136/6**
 - — — corms (France, Alpes Maritimes) : **136/35C**
 - — — daughter corms : **136/7**
 - — — distribution : **136/9**
 - — subsp. versicolor var. versicolor (Moldova, Transnistria) : **136/35C, /36C**
 - — — — (Ukraine, Odessa) : **136/35C**
 - — — — corms (Moldova, Transnistria) : **136/36C**
 - — — — distribution : **136/9**
 - burttii (Turkey, Eskişehir) : **136/49C, /50C**
 - — (Turkey, Isparta) : **136/49C**
 - — corms (Turkey, Eskişehir) : **136/51C**
 - — distribution : **136/9**
 - candidissimum (Azerbaijan, Lerik) : **136/12C**
 - — (= *Merendera candidissima*) : **136/8***
 - — corm tunic : **136/6**
 - — corms (Azerbaijan, Lerik) : **136/12C**
 - — distribution : **136/8**
 - chimonanthum (Greece, Thessaloniki) : **136/36C**
 - — corms : **136/36C**
 - — distribution : **136/9**
 - corsicum, distribution : **136/9**
 - crocifolium (Iran, Kermanshah) : **136/52C**
 - — (Turkey, Gaziantep) : **136/52C**
 - — (Turkey, Siirt) : **136/51C**
 - — corms (Iran, Kermanshah) : **136/51C**
 - — distribution : **136/9**
 - davisii (Turkey, Adana) : **136/53C**
 - — corm : **136/6**
 - — distribution : **136/9**
 - decaisnei, corm : **136/6**
 - — distribution : **136/9**
 - doerfleri (North Macedonia, Kumanovo) : **136/37C**
 - — (North Macedonia, Skopje) : **136/37C**
 - — corm tunic : **136/6**
 - — corms (North Macedonia, Skopje) :

- 136/37C**
— — distribution : **136/9**
- Colchicum eichleri** (Azerbaijan, Gobustan) :
136/11C
— — (Azerbaijan, Ismailli) : **136/11C**
— — corms (Azerbaijan, Gobustan) : **136/11C**
— — distribution : **136/8**
— figlalii (Turkey, Muğla) : **136/53C, /54C**
— — corms (Turkey, Muğla) : **136/54C**
— — distribution : **136/9**
— freynii (Iran, Ardabil) : **136/13C**
— — (Iran, Jolfa) : **136/13C**
— — (C. zangezorum) (Armenia, Meghri) :
136/13C
— — corm : **136/6**
— — corm tunic : **136/6**
— — corms (Iran, Ardabil) : **136/1C, /13C**
— — stolon-like cormels : **136/7**
— — (incl. C. zangezorum) distribution :
136/8, /9
— giganteum hort. : **135/12**
— — as syn. of C. speciosum or cv group :
147/20
— greuteri (Armenia, Aragatsotn) : **136/14C**
— — corm tunic : **136/6**
— — corms (Armenia, Aragatsotn) : **136/14C**
— — distribution : **136/8**
— hirsutum (Turkey, Sivas) : **136/55C**
— — (Turkey, Tunceli) : **136/54C**
— — corm tunic : **136/6**
— — corms (Turkey, Sivas) : **136/55C**
— hirsutum, distribution : **136/9**
— hyrcanicum (syn. C. speciosum var.
lenkoranicum) : **147/19**
— hungaricum, corm : **136/6**
— — — (Croatia, Dalmatia) : **136/38C**
— — daughter corms : **136/7**
— — distribution : **136/9**
— — 'Velebit Star' (Croatia, Velebit) : **136/38C**
— jolantae : **136/7, /8**
— — (= **Merendera jolantae**) : **136/8***
— — (Iran, North Khorasan, Kopet Dag) :
136/73C
— — (Turkmenistan, Balkan, Kopet Dag) :
136/73C
— — corm : **136/6**
— — corms (Turkmenistan, Balkan, Kopet
Dag) : **136/73C**
— — distribution : **136/10**
— kackarense : **147/2, /17-41, /22***
— — conservation status : **147/28**
- — corms : **147/22C**
— — distribution : **147/27C**
— — etymology : **147/28**
— — gynoecium & androecium (Georgia,
Racha-Lechkhumi & Kvemo Svaneti
region) BARAKA-062 : **147/25C**
— — — BARAKA-063 as C. speciosum :
147/29C
— — — LST-313 (Turkey, Artvin, Kaçkar Mts.) :
147/24C
— — habitat : **147/28**
— — holotype sheet (GB!) : **147/23**
— — key : **147/38-39**
— — LST-292 (Turkey, Artvin, Kaçkar
Mts.) : **147/2C, /23C, /38**
— — LST-313 (Turkey, Artvin, Kaçkar
Mts.) : **147/21C, /27, /38**
— — phenology : **147/28**
— — recognition : **147/27, /38**
— kesselringii : **135/33C, /35, /36; 136/7**
— — (Kyrgyzstan, Alay Valley) : **136/75C**
— — corm tunic : **136/6**
— — corms (Kyrgyzstan, Alay Valley) :
136/76C
— — distribution : **136/10**
— — infraspecific hyb. 'My Choice' : **136/7,**
/74C
— — — 'Purple Star' : **136/7, /74C**
— — aff. (= C. luteum f. alba) 'Snow of
Highland' : **136/7**
— — — 'Yeti' : **136/7**
— — f. albiflora (Uzbekistan, Alay Mountains,
Fergana) : **136/76C**
— — — distribution : **136/10**
— kotschyi : **150/14**
— — (Iran, Zanjan) : **136/56C**
— — distribution : **136/9**
— kurdicum : **135/28C**
— — (Iran, Golestan) : **136/56C**
— — (Turkey, Van, Karabet Pass) : **136/57C**
— — corm : **136/6**
— — corms (Turkey, Van, Karabet Pass) :
136/57C
— — distribution : **136/9**
— laetum (Russia, Eastern Stavropol) :
136/15C
— — corm tunic : **136/6**
— — corms (Russia, Eastern Stavropol) :
136/14C
— — distribution : **136/8**
— — seeds : **136/4C, /6C**

- Colchicum lagotum** (Turkey, Erzurum) : **136/58C**
- — corms (Turkey, Erzurum) : **136/57C**
 - — distribution : **136/9**
 - leptanthum (Turkey, Erzurum) : **136/58C**
 - — (Turkey, Tunceli) : **136/58C**
 - — corm tunic : **136/6**
 - — corms (Turkey, Erzurum) : **136/58C**
 - — distribution : **136/9**
 - lenkoranicum (syn. *C. speciosum* var. *lenkoranicum*) : **147/19**
 - liparochiadys (as syn. of *C. woronowii*, *C. speciosum*) : **147/19**
 - liparochlamis (as syn. of *C. woronowii*, *C. speciosum*) : **147/19**
 - luteum : **135/36; 136/7; 140/12, /23**
 - — (Kyrgyzstan, Chuy, Ala-Bel Pass) : **136/76C, /77C**
 - — corms (Tajikistan, Vakhsh) : **136/80C**
 - — distribution : **136/10**
 - — seed hilum : **136/5**
 - — infraspecific hyb. 'Carrot Line' : **136/7, /78C**
 - — — 'Golden Baby' : **136/7**
 - — — 'Golden Elf' : **136/7**
 - — — 'Lucky Selfmade' : **136/7, /78C, /79C**
 - — — 'Minion' : **136/7**
 - — — 'Selena' : **136/7**
 - — — 'Vahsh' : **136/7, /77C, /78C**
 - — — corms (Kyrgyzstan, Chuy, Ala-Bel Pass) : **136/80C**
 - — f. alba : **136/7**
 - — — distribution : **136/10**
 - — — 'Snow of Highland' : **136/80C**
 - — — corms : **136/81C**
 - — — 'Yeti' : **136/79C**
 - macrophyllum (Greece, Rhodes) : **136/39C**
 - — corm : **136/6**
 - — corm tunic : **136/6**
 - — distribution : **136/9**
 - manissadjianii (Turkey, Amasya) : **136/59C**
 - — corm : **136/6**
 - — corms (Turkey, Amasya) : **136/59C**
 - — distribution : **136/9**
 - — stolon-like cormels : **136/7**
 - micaceum (Turkey, Denizli) : **136/60C**
 - — distribution : **136/9**
 - minutum (Turkey, Antalya) : **136/61C**
 - — corm : **136/6**
 - — corms (Turkey, Antalya) : **136/61C**
 - — distribution : **136/9**
 - mirzoevae (Armenia, Tavush) : **136/16C**
 - — corms (Armenia, Tavush) : **136/17C**
 - — distribution : **136/9**
 - montanum (Spain, Maestrazgo) : **136/40C**
 - — corms (Spain) : **136/40C**
 - — distribution : **136/9**
 - munzurensis (Turkey, Tunceli) : **136/62C**
 - — corm : **136/6**
 - — corms (Turkey, Tunceli) : **136/61C**
 - — daughter corms : **136/7**
 - — distribution : **136/10**
 - neapolitanum : **135/18**
 - persicum (Iran, Fars) : **136/63C**
 - — (Iran, Markazi) : **136/63C**
 - — distribution : **136/10**
 - poliphyllum, distribution : **136/10**
 - pusillum (Greece, Naxos) : **136/41C**
 - — distribution : **136/9**
 - raddeanum (Iran, Gilan) : **136/18C**
 - — (Iran, Kuhha-(y)e-Sabalan) : **136/17C, /18C**
 - — corm tunic : **136/6**
 - — corms (Armenia, Vayots Dzor) : **136/17C**
 - — distribution : **136/9, /10**
 - robustum : **136/7, /8**
 - — white & pink forms (Iran, North Khorasan, Kopet Dag) : **136/81C, /82C, /83C**
 - — corms vs. *C. jolantae* (Iran, North Khorasan, Kopet Dag) : **136/84C**
 - — distribution : **136/10**
 - — seed hilum : **136/5**
 - — seeds : **136/5C**
 - sanguicolle (Turkey, Antalya) : **136/64C**
 - — (Turkey, Muğla) : **136/64C**
 - — distribution : **136/10**
 - serpentinum (Turkey, Konya) : **136/65C**
 - — (Turkey, Sivas) : **136/65C**
 - — (Turkey, Tunceli) : **136/64C, /65C**
 - — corm tunic : **136/6**
 - — corms (Turkey, Konya) : **136/65C**
 - — distribution : **136/10**
 - sfikasianum (Greece, Southern Peloponnesus) : **136/41C**
 - — distribution : **136/9**
 - sibthorpii : **135/12**
 - sieheanum (Turkey, Mersin) : **136/66C**
 - — distribution : **136/10**
 - soboliferum (Turkey, Van) : **136/67C**
 - — corm : **136/6**
 - — corm tunic : **136/6**

Colchicum soboliferum, corms (Turkey, Van) :
136/67C

- — distribution : **136/10**
- — seed hilum : **136/5**
- sp. (NW Iran) : **150/58, /65; 160/20**
- — (Turkey, Burdur, Katrancık Dağı) : **162/33**
- — (Turkey, Van) : **160/7**
- speciosum : **135/12; 141/51; 147/17, /18D, /27, /32, /35, /38**
- — (Georgia, Abkhazia) : **136/19C, /22C**
- — (Georgia, Abkhazia, Berchil Ridge) :
147/36C
- — (Iran, Talysh) : **136/22C**
- — (Iran, Gilan Province, Talysh Mts.,
Kuhha-ye Tales) : **147/34C**
- — (Russia, North Caucasus, Dombai) :
136/20C, /21C
- — (Russia, Karachay-Cherkessia, Dombay) :
147/28C
- — — (Dombay-Ulgen & Alibek Gorges) :
147/36
- — (Turkey, Bayburt Province, Soğanlı Pass)
: **147/30, /31C, /38**
- — aneuploidy : **147/20**
- — BARAKA-062 : **147/29C**
- — daughter corms : **136/7**
- — distribution : **136/9; 147/19, /27C**
- — — in Iran : **147/34**
- — 'Dombai' : **135/19**
- — f. Album (Turkey, Gümüşhane Province,
Zigana Pass) : **147/30C, /38**
- — gynoecium & androecium (Turkey, Ordu
Province) : **147/26C**
- — habitat (Iran, Gilan Province) : **147/32C**
- — — — Talysh Mts., Kuhha-ye Tales :
147/33C
- — key : **147/38-39**
- — 'Ordu' : **147/30**
- — *sensu lato* : **147/20**
- — synonyms : **147/19**
- — — var. lenkoranicum : **147/19**
- — taxonomy : **147/19, /20**
- szovitsii, corm : **136/6**
- — corm tunic : **136/6**
- — daughter corms : **136/7**
- szovitsii agg. C. bifolium (Armenia, Lori) :
136/25C, /26C
- — — (Armenia, Mount Aragats) : **136/25C**
- — — corms (Armenia, Lori) : **136/26C**
- — — f. alba : **136/24C**
- szovitsii agg. C. ninae : **136/24C**

- — — (Armenia, Vayots Dzor, Jermuk) :
136/27C
- — — corms (Armenia, Vayots Dzor,
Jermuk) : **136/27C**
- — subsp. brachyphyllum (Turkey,
Gaziantep) : **136/68C**
- — — corms (Turkey, Gaziantep) : **136/68C**
- — — distribution : **136/10**
- — subsp. szovitsii : **133/49C, /50C**
- — — (Armenia, Vayots Dzor) : **136/23C**
- — — (Iran, Kuhha-(y)e-Sabalan) : **136/23C**
- — — (incl. C. bifolium, C. ninae)
distribution : **136/9**
- — subsp. szovitsii s.s. (Armenia) : **136/24C**
- — — corms (Armenia, Vayots Dzor) :
136/24C
- cf. szovitsii (Iran, West Azerbaijan Province,
Oshnavieh) : **149/76**
- trigynum (= **Merendera trigyna**) : **136/8**
- — (Armenia, Lori) : **136/28C**
- — pink & white forms (Russia, North
Caucasus, Karachay-Cherkess Republic) :
136/29C
- — corm tunic : **136/6**
- — corms (Armenia, Lori) : **136/29C**
- — distribution : **136/9, /10**
- triphyllum (Iran, Semnan) : **136/42C**
- — (Ukraine, Odessa, Hadzhibey Estuary) :
136/42C
- — (Ukraine, Odessa, Tiligul Estuary) :
136/43C
- — corm tunic : **136/6**
- — corms (Iran, Semnan) : **136/43C**
- — — (Ukraine, Eastern Crimea) : **136/43C**
- — diseased corms : **165/16C**
- — distribution : **136/9, /10**
- turcicum (Bulgaria, Eastern Rhodopes) :
136/44C
- — (Greece, Macedonia) : **136/44C**
- — distribution : **136/9**
- umbrosum (Ukraine, Crimea) : **136/30C**
- — distribution : **136/9**
- varians, corm tunic : **136/6**
- — corms (Iran, Markazi) : **136/69C**
- — distribution : **136/10**
- — pink & white forms (Iran,
Markazi) : **136/69C**
- — stolon-like cormels : **136/7**
- variegatum : **135/24C, /26**
- — (Greece, Ikaria) : **136/45C**
- — (Greece, Naxos) : **136/45C**

Colchicum variegatum, distribution : **136/9**

— wendelboi (Iran, Bakhtiari) : **136/70C**

— — (Iran, Lorestan) : **136/70C**

— — corms (Iran, Lorestan) : **136/70C**

— — distribution : **136/10**

— woronowii : **147/17, /19, /27, /39C**

— — (Georgia, Abkhazia, Mount

Mamdzyshkha) : **136/31C; 147/35C**

— — aneuploidy : **147/20**

— — corm tunic : **136/6**

— — distribution : **136/9; 147/27C**

— — key : **147/38-39**

— — seed hilum : **136/5**

— — seeds : **136/5C**

Colobanthus quitensis : **152/37**

— — [cultivation](#) : **152/37**

Columbina picui (Picui Ground Dove) :

134/36C

Conanthera trimaculata : **138/24, /25C**

concrete : **152/33, /35**

— crushed : **166/29**

Convolvulus arvensis : **134/1C, /29C**

Corallodiscus : **139/46**

Corallorhiza maculata var. *maculate* (Summer

Coralroot) : **170/32C**

Cordylanthus tenuis subsp. *tenuis* (Slender

Bird's Beak) : **170/21**

Cornus sericea subsp. *sericea* (Red Osier

Dogwood) : **170/34**

Corona virus : **137/2, /21C; 145/2; 148/2;**

169/21

— pandemic : **158/2; 164/2**

Corydalis hybrids : **165/6C**

— benecincta : **135/49**

— calycosa : **135/49**

— fedtschenkoana : **135/40C, /41**

— haussknechtii : **160/20**

— ledebouriana : **135/35, /36, /37C**

— maracandica : **135/35**

— meifolia : **135/53**

— melanocentra : **135/44**

— sp. : **135/34C**

— verticillaris : **150/14**

Costa Rica, Cerro de la Muerte : **167/20**

Cousinia thomsonii : **135/54**

COVID-19 : **134/20; 137/3, /21C, /25, /36, /51;**

138/26; 142/2, /85; 145/2

COVID Diaries : **135/55L; 141/2**

Crambe kotshyana : **135/35**

Craspedia sp. : **143/52**

— gracilis (Billy Buttons) : **143/54C, /55, /69C**

Crassulaceae : **159/2, /5; 169/2**

Crataegus knorringiana : **169/6**

— monogyna : **134/24C**

Cremanthodium brunneopilosum : **135/51**

crevice garden(s) : **138/4C; 148/69, /70;**

153/46C, /47C /48C, /49C, /50C, /51C, /52C,

/53C, /54C, /55C, /56C, /57C

— [article by Z. Zvolanek \(The Rock Garden,](#)

[January 2003\)](#) : **153/45C**

Crinodendron hookerianum : **133/32C**

Cristaria dissecta : **132/14, /16C, /26**

Croatia, Biokovo mountain : **164/3**

— Istrian peninsula : **156/35**

Crocus

— acid soil preference : **152/4, /7, /9, /28**

— annulate corm tunic : **150/48, /49**

— — distribution in NW Iran : **150/49C**

— — (Iran) key : **150/91-92**

— collection : **165/7C**

— corms, thrip/mite damage : **165/15C**

— cultivation & taxonomy : **165/25-35**

— National Collection (UK) : **164/28**

— new species : **144/54-91; 149/70-90;**

150/47-93

— significant morphological features :

150/48

— repotting : **165/18C**

— seedpods, pest-damaged : **165/16C**

— soil pH : **165/8, /9, /10**

— species localities : **165/28**

— spring-flowering : **165/10C**

— taxonomy : **162/3, /4, /5**

— series Adamii : **150/48**

— series Biflori : **150/48**

— — sensu Mathew : **162/40**

— adamii : **150/48, /59**

— alatavicus : **135/36, /37C; 169/27C, /28C,**

/29C

— albocoronatus : **148/36**

— almehensis : **149/72C; 150/35, /48, /91**

— antalyensis : **162/32, /46**

— archibaldianum : **147/32**

— athous : **162/6, /8C, /11**

— atticus : **162/6C, /11**

— autranii : **147/35; 162/30**

— azerbaijanicus : **150/52, /58-59*, /60C,**

/61C, /62C, /63C, /91

— — corm tunics : **150/59C**

— — distribution : **150/58**

— — etymology : **150/59**

— — habitat : **150/57C**

- Crocus azerbaijanicus**, holotype : **150/64C**
- — leaf morphology : **150/60C**
 - — separation from *C. adamii* : **150/59**
 - balansae : **144/66**
 - baytopiorum : **135/21**
 - biflorus : **150/48**
 - — subsp. biflorus (several taxa under) : **147/20**
 - — subsp. isauricus : **135/21**
 - — subsp. nubigena : **135/21C**
 - — sensu lato : **162/41**
 - bozdagensis : **162/22-23***, **/24C**, **/25C**
 - — albino form : **162/21**, **/24C**, **/25C**
 - — corms, tunic, cormlets : **162/26C**
 - — etymology : **162/24**
 - — flower details : **162/25C**
 - — habitat & distribution : **162/22**
 - — holotype : **162/22**, **/27C**
 - — in habitat : **162/22C**
 - — leaf morphology : **162/25C**
 - — location : **162/21C**
 - — seedpods : **162/26C**
 - — seeds : **162/27C**
 - — separation from *CC. thirkeanus* & *gargaricus* : **162/23**
 - brickellii : **162/28**, **/29**, **/31**
 - — 12TU-020 : **162/30C**
 - — locations : **162/33C**
 - — yellow form : **162/30C**
 - bydzowskyanus : **162/33-35***, **/46**, **/52**
 - — BATM-471 : **162/32**, **/34**, **/37C**
 - — (Turkey, Konya province, Beyşehir-Ibradi) JP 91-13, flower parts : **162/37C**
 - — — leaf morphology : **162/37C**
 - — JP 91-13B : **162/32**, **/33**, **/35C**
 - — R2CV-047 : **162/1C**, **/32**, **/34**, **/36C** ; **163/2**
 - — etymology : **162/35**
 - — habitat & distribution : **162/33**
 - — holotype : **162/33**, **/39C**
 - — locations : **162/33C**
 - — pollination : **162/38C**
 - — recognition : **162/34**
 - — seeds & seedpods : **162/38C**
 - cancellatus (now *C. mazziaricus*) : **144/54**; **162/6**
 - — ARG1-103 : **144/55C**
 - caspius : **160/29**, **/32**
 - chiaicus : **150/73C**, **/73-75***, **/78C**, **/79C**, **/91**
 - — 18IRS-059 : **150/77C**
 - — corm tunics : **150/76C**
 - — corms : **150/76C**
 - — distribution : **150/73**
 - — etymology : **150/75**
 - — flower details : **150/77C**
 - — habitat : **150/73**
 - — holotype : **150/77C**
 - — leaf morphology : **150/75C**
 - — separation from *C. dolatyarii* : **150/75**
 - chionophilus : **150/80-81***, **/85C**, **/86C**, **/87C**, **/88C**, **/91**
 - — 22IRS-035 : **150/89**
 - — distribution : **150/49C**
 - — corm tunics : **150/84C**
 - — distribution : **150/80**
 - — etymology : **150/82**
 - — flower details : **150/84C**
 - — habitat : **150/80C**
 - — holotype : **150/83C**
 - — leaf morphology : **150/84C**
 - — seed capsule & seeds : **150/1C**, **/82C**
 - — separation from *C. adamii* : **150/82**
 - christianii : **162/51-52***
 - — RIGA-028 (Turkey, nr. Beyşehir Gölü, Fela) : **162/46**, **/51**, **/52**, **/53C**, **/56C**
 - — — flower parts : **162/53C**
 - — — leaf morphology : **162/54C**
 - — — seedpods & seeds : **162/54C**
 - — etymology : **162/52**
 - — habitat & distribution : **162/51**
 - — holotype : **162/51**, **/55C**
 - — recognition : **162/52**
 - cf. christianii : JP 87-89 (Turkey, Konya, Beyşehir-Sarki Karagaç) : **162/46**, **/47C**
 - — KPPZ-354 (Turkey, Konya, Beyşehir-Akseki) : **162/46**, **/47C**
 - — RIGA-002 (Turkey, Konya, nr. Üzümlü) : **162/46**, **/47C**
 - chrysanthus : **133/52**; **150/48**; **164/9**
 - cf. chrysanthus : **162/20**, **/22**
 - [cobbii](#) : **164/2**
 - concinnus : **151/6C**
 - cvijicii : **152/7**
 - damascenus : **144/55**; **150/49**, **/65**, **/73**
 - — JJVV-039 : **144/55C**
 - danfordiae : **162/30**, **/34**, **/40**, **/46**
 - — complex : **162/28-56**
 - — distribution (Güner's map) : **162/44C**
 - — *fide* Maw : **162/28**, **/30**, **/31**, **/32**, **/34**, **/40**, **/52**
 - — — description : **162/28-29**

- — sensu lato : **162/28, /29, /30, /32, /40, /41C**
- — — 12TU-008 (Turkey, Muğla/Antalya, nr. Bekçiler) : **162/46, /50C**
- — — 14TUS-011 (Turkey, Antalya, Ekizce yaila) : **162/46, /49C**
- — — 14TUS-013B (Turkey, Antalya, Altinyaka-Antalya, Sarichinardağ) : **162/30, /46, /50C**
- — — BATM-391 (Turkey, Kahramanmaraş, nr. Göksun) : **162/41, /43C**
- — — BATM-402 (Turkey, Adana, Kaan gec.) : **162/41, /43C, /44C**
- — — JATU-014 (Turkey, Kütahya, Kütahya-Gediz) : **162/47, /50C**
- — — JJVV-024 (Turkey, Adana, Kaan gec.) : **162/41**
- — — JJVV-052 (Turkey, Antalya, Ekizce yaila) : **162/30, /46, /49C**
- — — JRRK-085 (Turkey, Sivas, Mazıkıran gec.) : **162/41, /44C**
- — — JRRK-089 (Turkey, Kayseri, Ziyarettepesi Geçidi) : **162/41**
- — — KPPZ-274 (Turkey, Ankara, Kuyuklu Dağ) : **162/41**
- — — KPPZ-274A : **162/42C**
- — — KPPZ-292 (Turkey, Sivas, Gurun-Pınarbaşı) : **162/41, /42C**
- — — localities : **162/45C**
- — — LST-014 (Turkey, Isparta, Bahtiyar) : **162/46, /48C**
- — — LST-022 (Turkey, Akşehir/Konya, Sultan Dağları) : **162/46, /48C**
- — — LST-044 (Turkey, Konya, nr. Akşehir) : **162/47, /50C**
- — — LST-347 (Turkey, Malatya/Kahramanmaraş, Malatya-Elbistan) : **162/41, /43C**
- — — LST-365 (Turkey, Kayseri, Ziyarettepesi Geçidi) : **162/41, /43C**
- — — RUDA-096 (Turkey, Kayseri, Dokuzdolanbaç gec.) : **162/41, /42C**
- — — RUDA-099 (Turkey, Adana, Kaan gec.) : **162/41**
- danfordiae subsp. kurdistanicus (now *C. kurdistanicus*) : **149/73; 150/49**
- dolatyarii : **149/2, /70-90, /76-78*, /82C, /84C, /85C, /87C, /88C, /89C; 150/91**
- — as 'sp., biflorus group' : **149/70, /71C**
- — — flower details : **149/70C**
- — — corm tunics : **149/83C**
- — — distribution map : **149/84C; 150/49C**
- — — etymology : **149/78**
- — — habitat & distribution : **149/76**
- — — holotype : **149/76, /80C**
- — — in habitat : **149/76C, /78C**
- — — isotype (RIG! 22IRS-076) : **149/76, /81C**
- — — leaf morphology : **149/83C**
- — — locus classicus : **149/79C, /84C**
- — — separation from *C. roopiae* : **149/79**
- — — white form : **149/86C**
- — — erolii : **144/2, /56*, /57C, /61C, /80**
- — — basal plate : **144/59C**
- — — corm tunic : **144/58C, /60C**
- — — etymology : **144/57**
- — — flower details : **144/60C, /61C, /62C**
- — — habitat & distribution : **144/56**
- — — holotype : **144/63**
- — — location map : **144/55C**
- — — seed pods : **144/62C**
- — — seeds : **144/62C**
- — — etruscus : **164/9**
- — — fleischeri KJGR-034 : **144/64C, /66**
- — — gargaricus : **162/15C, /16C, /20, /23**
- — — subsp. gargaricus (now *C. gargaricus*) : **162/15**
- — — subsp. herbertii (now *C. thirkeanus*) : **162/15**
- — — corm tunic : **162/16C**
- — — corms : **162/16C**
- — — leaf morphology : **162/16C**
- — — locus classicus : **162/21C**
- — — gembosii : **133/51C, /54C, /55**
- — — 'Golden Delight' : **133/54C, /55**
- — — 'Sunspot' : **133/52C**
- — — hybrids : **133/52C**
- — — georgei : **162/6, /8C, /11**
- — — gilanicus : **162/30**
- — — gramensis (*nomen nudum*) : **152/7, /8**
- — — gunae : **150/91**
- — — hadriaticus 14GRA-049 : **165/32C**
- — — shoots : **165/32C**
- — — 18GRA-096 : **165/32C**
- — — shoots : **165/32C**
- — — PELOG-003 : **165/35C**
- — — PELOG-009 : **165/35C**
- — — subsp. parnassicus : **165/33**
- — — 18GRA-099 : **165/33C, /34C**
- — — — shoots : **165/34C**
- — — subsp. parnonicus : **165/33, /34C**
- — — cf. hadriaticus : **165/33**
- — — heuffelianus : **164/9**

- Crocus homeri** : **144/2, 69C, /70C, /71C, /72***
- — 'Homeri' : **144/66C**
 - — corms : **144/74C**
 - — etymology : **144/73**
 - — flower details : **144/74C, /75C, /76C**
 - — habitat : **144/68C, /69C**
 - — habitat & distribution : **144/72**
 - — KJGR-001 : **144/77C**
 - — KJGR-038 : **144/78C**
 - — KJGR-040 : **144/78C**
 - — KJGR-047 : **144/78C**
 - — KJGR-060 : **144/79C**
 - — leaves : **144/69C, /70C**
 - — localities map : **144/67C**
 - — seed pods : **144/75C**
 - — seeds : **144/76C**
 - — throat hairs : **144/73C**
 - — white form : **144/68C**
 - inghamii : **150/91; 165/27, /28C**
 - — corm tunic : **165/28**
 - iranicus : **150/66, /91**
 - cf. iranicus : **151/12**
 - jablanicensis : **152/9, /10, /14C, /15C, /25C, /28**
 - — corm tunic : **152/20C**
 - jostii (syn. *C. veluchensis* var. *micranthus*, nom. inval.) : **152/1C, /3-30, /8-9*, /11C, /12C, /13C, /14C, /15C, /18C, /19C, /20C, /23C, /26C, /27C; 165/10**
 - — (N Macedonia, Popova Šapka Mt.) : **152/26C, /27C, /30C**
 - — 22NMC-0014 (N Macedonia, Popova Šapka) : **152/17C**
 - — 22NMC-005 (N Macedonia, Jablanica) : **152/16C**
 - — basal plate : **152/19C**
 - — collection localities : **152/10C, /28C**
 - — corm tunic : **152/19C**
 - — cultivation : **152/28**
 - — etymology : **152/9**
 - — flower details : **152/18C**
 - — habitat & distribution : **152/9, /10C, /11C, /25C**
 - — holotype RIG! : **152/8, /16C**
 - — separation from *C. veluchensis* : **152/3, /10**
 - — ? hybrid with *C. jablanicensis* : **152/10, /15C**
 - korolkowii : **135/35, /36, /37C**
 - kosaninii : **165/10**
 - kurdistanicus : **150/35, /91; 162/28, /30, /56**
 - — syn. *C. danfordiae* kurdistanicus : **150/49**
 - — 18IRS-020 : **149/73C, /74 ; 162/29C, /30**
 - laevigatus f. albus 'Ray Cobb' : **164/32**
 - ligusticus (syn. *C. medius*) f. albus : **164/32**
 - lycius : **162/46**
 - marandicus : **150/51-52*, /52C, /56C, /57C, /91**
 - — corm tunics : **150/53**
 - — corms : **150/53**
 - — distribution : **150/51**
 - — etymology : **150/51**
 - — flower details : **150/54**
 - — habitat : **150/50C, /51**
 - — holotype : **150/55C**
 - — leaf morphology : **150/54**
 - — separation from *C. azerbaijanicus* : **150/51, /59**
 - — white form : **150/53C**
 - mathewii : **135/21; 144/54**
 - mawii : **133/47C, /51C, /52, /55**
 - mazziaricus : **144/80, /81**
 - — (as *C. cancellatus* subsp. *mazziaricus*) : **144/80**
 - — Kos locality map : **144/81**
 - — 14GRA-051 : **165/30C**
 - — PELOG-008 : **165/30C**
 - cf. *mazziaricus* KJGR-074 : **165/30C**
 - minutus : **162/28, /29, /52**
 - — HZ-88-38 : **162/31C, /32**
 - — R2CV-038 : **162/31C**
 - — locations : **162/32**
 - — separation from *C. danfordiae* : **162/32**
 - mouradi (syn. *C. flavus* subsp. *dissectus*) : **162/31**
 - neapolitanus : **164/3**
 - nivalis : **162/6C, /11**
 - olivieri : **144/66**
 - oreoreticus f. albus : **164/32**
 - pallasii : **144/54, /67, /68, /80, /81; 165/30, /31C**
 - — corm tunic : **165/30C**
 - — 'Homeri' : **144/64, /66, /67**
 - cf. *pallasii* ILOP-009 : **165/31C**
 - — — corm tunics : **165/31C**
 - pelistericus : **152/9; 165/10**
 - — (N Macedonia, Jablanica) : **152/23C**
 - pilousii PJC-215 : **162/9C, /10-11*, /14C**
 - — corms : **162/13C**
 - — etymology : **162/11**
 - — flower, detail : **162/11C, /12C**

Crocus pilousii, holotype : **162/10, /14C**

- — leaf morphology : **162/12C**
- — locus classicus : **162/13C**
- — separation from *C. sieberi* complex : **162/11**
- pseudoiranicus : **150/65-67***, **/70C, /71C, /72C, /92**
- — corm tunics : **150/67C**
- — corms : **150/67C**
- — distribution : **150/65**
- — etymology : **150/66**
- — flower details : **150/65C**
- — habitat : **150/65**
- — holotype : **150/68C**
- — leaf morphology : **150/69C**
- — seed capsules & seed : **150/69C**
- — separation from *C. iranicus* : **150/67**
- pulchellus : **144/66**
- — as '*C. biflorus*' : **144/66**
- — f. albus '*Sylvia Cobb*' : **164/32**
- pulchricolor : **162/20; 165/26C, /28**
- — R2CV-003 : **162/17C**
- reinhardii : **150/91; 165/27, /28**
- — corm tunic : **165/27**
- — separation from *C. inghamii* : **165/27**
- reticulatus complex : **160/24**
- robertianus f. albus : **164/32**
- 'Ronald Ginns' (*C. sieberi* x *C. sublimis* 'Tricolor') : **164/30C**
- roopiae : **149/79**
- — as *C. biflorus* subsp. *taurii* : **149/79**
- ruksansii : **90/2-13**
- sakaltutanensis : **165/28, /29C**
- — HKEP-9927 : **165/29C**
- salzmännii f. albus '*El Torcal*' : **164/31C**
- samarsii : **144/2, /82***, **/84C, /85C, /86C, /90C, /91C**
- — basal plate : **144/88C**
- — corm tunics : **144/80, /89C**
- — etymology : **144/83**
- — flower details : **144/86C, /87C**
- — habitat : **144/83C**
- — habitat & distribution : **144/82**
- — Kos locality map : **144/81C**
- — throat hairs : **144/88C**
- — type locality : **144/80**
- sanandajensis : **150/48, /49, /92**
- — distribution : **150/49C**
- sativus : **150/48**
- scardicus : **152/9, /27C, /28; 165/10**
- — (N Macedonia, Popova Šapka Mt.) :

152/26C

- scharojanii : **141/48, /49C; 152/28; 165/10**
- sieberi : **162/5, /6C, /7, /11; 164/9**
- — subsp. *atticus* (now *C. atticus*) : **162/5**
- — subsp. *nivalis* (now *C. nivalis*) : **162/5**
- — subsp. *sieberi* (now *C. sieberi*) : **162/5**
- — subsp. *sublimis* (now *C. sublimis*) : **162/5**
- — — JJA 352.552 : **162/7, /9C**
- sivasensis : **165/28**
- speciosus agg. : **160/2**
- — in Iran : **150/49**
- cf. *speciosus* : **160/29, /32**
- sp., 22IRS-034, distribution : **150/49C**
- sp., 22IRS-034 (NW Iran, Kagnalagn) : **150/89C, /90C**
- sp. 22IRS-038, distribution : **150/49C**
- sp. 22IRS-041, distribution : **150/49C**
- sp. 22IRS-061, distribution : **150/49C**
- sp. 22IRS-079, distribution : **150/49C**
- sp. 22IRS-087, distribution : **150/49C**
- sp. 22IRS-099, distribution : **150/49C**
- sp. 22IRS-101, distribution : **150/49C**
- sp. (yellow, W Iran) : **149/74C, /75C**
- sp. HKEP-1631, as 'cf. *roopiae*' : **149/79**
- — approx. location : **149/84C**
- sublimis : **152/7; 162/6, /8C, /11**
- — PJC-215 (now *C. pilousii*) : **162/7, /11**
- — — coll. as *C. sieberi atticus*? : **162/7**
- — 'Tricolor' : **164/9**
- thirkeanus (syn. *C. herbertii*) : **162/15, /18C, /20, /21, /22, /23, /24**
- — R2CV-002 : **162/17C, /18C**
- — — corms & stoloniferous cormlets : **162/19C**
- — — leaf morphology : **162/19C**
- — in habitat : **162/17C**
- — location : **162/21C**
- — stoloniferous habit : **162/20, /21**
- tommasinianus : **156/35; 164/8, /28**
- — distribution : **164/3**
- — cultivars : **164/2, /3-23**
- — — 'Barr's Purple' : **164/3, /7**
- — — 'Bobbo' : **164/3C, /5**
- — — 'Claret'/Claret Group : **164/6, /28, /29C**
- — — claret form : **164/1C, /28, /29**
- — — 'Cream Tease' : **164/4C, /5C, /23**
- — — 'Deano' : **164/5C, /6, /6C, /23**
- — — 'Eostre's Egg' : **164/4, /6C, /7C, /23**
- — — 'Eric Smith' : **164/3, /16, /28**
- — — 'Farndale Purple' : **164/7C, /8C, /23**

- — — 'Foursquare' (hybrid with *C. vernus*) : **164/8, /9C, /23**
- — — 'Fridtjof' (hybrid with *C. chrysanthus*?) : **164/9C, /10C, /22, /23**
- — — 'Hörup' : **164/10C, /11C, /23**
- — — 'Leo' : **164/11C, /12C, /23**
- — — 'Lilac Beauty' : **164/3**
- — — 'Mousse de Framboise' : **164/6, /12C, /13C, /23**
- — — 'Myddleton Red' : **164/14C, /23**
- — — 'Peter Grimshaw' : **164/3C, /14C, /15C, /23**
- — — 'Pictus' : **164/3**
- — — 'Pieta' : **164/16C, /19, /23**
- — — 'Pixel' : **164/16, /17C, /23**
- — — 'Roseus' : **164/3**
- — — 'Ruby Giant' : **164/3**
- — — 'Silver Lining' : **164/18C, /23**
- — — 'St. Sepulchre's Pale' : **164/19C, /23**
- — — 'Tipsy' : **164/19C, /20C, /23**
- — — 'Wandering Minstrel' (hybrid with *C. vernus*) : **164/20, /21C, /23**
- — — 'Wendy Marr' (hybrid with *C. vernus*) : **164/10, /22C, /23**
- — — 'Whitewell Purple' : **164/3**
- — — 'Yalta' (hybrid with *C. x cultorum*) : **164/3**
- — varieties : **164/2, /3-23**
- *tomoricus*, as syn. with *C. veluchensis* : **152/7**
- — collection localities : **152/10**
- *vallicola* : **165/10**
- *veluchensis* : **152/3, /7, /8, /10; 162/7**
- — (Greece, Elatia forest) : **152/5C**
- — (— Mt. Parnassós) : **152/6C**
- — (— Mt. Voros) : **152/5C**
- — (Kosovo, above Vratnica) : **152/6C**
- — — hairs base inner segments : **152/6C**
- — (Serbia, Surdulica to Streezimirovci, nr Vlasinsko reservoir) : **152/4C**
- — *corm tunic* : **152/21C**
- — — (Greece, Mt. Ossa) : **152/21C, /22C**
- — — (Greece, Tymfristós) : **152/21C**
- — cultivation : **152/29**
- — group : **165/10**
- — *sensu lato* : **152/3, /4**
- — — collection localities : **152/10C**
- — — hybridization : **152/8**
- — — population diversity : **152/7**
- — separation from *C. sublimis* : **152/7-8**
- — white form : **152/5C**
- — var. *micranthus*, nom. inval. (as syn. of *C. jostii*) : **152/8, /10, /28**
- *vernus* : **164/3**
- *wattiorum* : **135/21; 164/28**
- *weldenii* hybrid 'Myddleton Cream' : **164/29**
- *yalovensis* : **152/28**
- *zagrosensis* : **150/49, /92**
- *zanjanensis* : **150/91**
- *zetterlundii* : **165/25C, /28**
- — JATU-008 : **165/26**
- — LST-103 : **165/26**
- — LST-108 : **165/26**
- — separation from *C. pulchricolor* : **165/25-27**
- [Crocus Pages](#) (Tony Goode) : **164/23**
- cryptic species : **148/8**
- cultivar : **139/27**
- *Curaeus curaeus* (Austral Blackbird) : **134/22C**
- *Cyananthus flavus* : **148/55**
- *microphyllus* : **148/55**
- *Cyclamen coum* : **133/20C; 164/25**
- — subsp. *coum* f. *coum* 'Porcelain' : **141/55**
- 'Porcelain' : **141/2, /53C, /54C, /55**
- — open-pollinated seedling from : **141/55C**
- *graecum* subsp. *anatolicum* : **135/26**
- *hederifolium* : **153/43**
- *persicum* ex Rhodes : **143/84C**
- *Cymopterus terebinthinus* var. *californica* : **170/22**
- *Cypripedium*, germination : **156/54**
- *flavum* : **133/33C; 135/42**
- *guttatum* : **135/42**
- *plectrochilon* : **135/42**
- *tibeticum* : **135/42C, /49**
- *yunnanense* : **135/42**
- *Cyrtanthus elatus* : **137/48C**
- *Cystopteris fragilis* (Brittle Bladder-fern) : **170/41C**
- [Czech International Rock Garden conferences](#) : **138/3; 151/2, /35**
- Czechia/Czech Republic : **138/2**
- Průhonice : **151/35**
- Radotín : **156/44**
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- *Dactylorhiza*, 'black death' : **156/58**
- germination : **156/54**
- protocorm : **156/53C**
- self-seeding : **156/48**
- *ericetorum* : **171/40, /41C**

Dactylorhiza fuchsii : 171/6, /11, /37, /39C, /40C

- incarnata : 156/59C; 171/6, /37C, /38C
 - — var. coccinea : 171/19C, /20C
 - — var. dunensis (= var. lobelia) : 171/11, /18C, /19
 - maculata : 171/7C, /11, /37, /40
 - majalis : 171/8C, /40
 - — subsp. calcifugiens : 156/54
 - praetermissa : 171/4C, /5, /11, /38C, /40
 - — hypochrome form : 171/5, /6C
 - — var. junialis (syn. D. pardalina) : 171/5, /11, /40
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daffodil (**Narcissus**) hybrids : 165/5C

- soil pH : 165/8, /9, /10

Danthonia californica (California Oatgrass) : 170/17C

Daphne arbuscula (Utrecht BG) : 152/33

- 'Colinton Crown' : 156/2, /37-39, /37C, /38C, /39C
- — propagation : 156/38
- blagayana : 156/37
- cneorum : 156/37
- × eschmannii 'Jacob Eschmann' : 156/37
- longilobata : 156/38
- mezereum : 156/38
- morrisonensis : 145/55
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- — 'Cima Tombea' : 156/37
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Darlingtonia californica : 142/88, /96C

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Delphinium andersonii : 167/20

- confusum : 135/39
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Dendrocopos leucopterus (White-winged woodpecker) : 169/16

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Dianthus 'Inshriach Dazzler' : 133/31C

- myrtinervius : 167/18
 - uzbekistanicus : 135/35
- Diapensia purpurea** : 135/44

Dichelostemma capitatum : 143/84C

- ida-maia : 142/88C

Dictamnus angustifolius : 169/8, /9C

- — habitat : 169/9C

Dierema pulcherrima : 137/47C

Dietes grandiflora : 137/5, /7C, /48C

Dionysia aretioides (Utrecht BG) : 152/34; 153/44

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 - — — flower detail : 149/52C
 - diapensiifolia : 149/35C, /36C
 - esfandiarrii : 149/46C, /47C, /48C, /49C, /50C
 - iranshahrii : 149/69C
 - jamzadiae : 149/60C, /61C, /62C
 - — flower & rosette detail : 149/59C
 - janthina : 149/42C, /44C, /45C
 - — detail : 149/43C
 - michauxii : 149/7C, /8C, /9C, /10C, /12C, /14C, /15C, /16C, /67
 - — flower detail : 149/13C
 - — rosette detail : 149/11C, /12C
 - mozaffarania : 149/68C
 - revoluta : 149/55C, /56C, /58C
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 - — subsp. peduncularis : 149/67C
 - sarvestanica subsp. spathulata : 149/17C, /18C, /19C, /20C, /21C, /22C, /23C, /24C, /25C
 - [splendens](#) : 149/3-69, /3C, /4C, /5C, /38, /67, /69C
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 - — flowers, inflorescence, leaves : 149/5C
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 - tapetodes (Utrecht BG) : 152/34
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 - — separation from D. splendens : 149/38
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 - — in habitat : 149/1C
 - — rosette detail : 149/64C
- Diphasiastrum alpinum** (Alpine Clubmoss) : 170/38C
- Diplacus pictus** : 162/63C
- — seedlings : 162/62C
- torreyi : 170/11C, /19
- Diplodium** : 143/25

- Diplodium** sp. 'Adelaide Hills' : **143/29C, /30C**
 — dolichochilum (Mallee Orchid) : **143/28C**
 — roseum : **143/6C**
- Disporopsis** (Asparagaceae) : **161/54**
 — germination : **161/54**
- Disanthus** cercidifolius : **133/45C**
- Disporum** nantouense : **145/55**
- Diuca** diuca (Diuca Finch) : **137/27C**
- Diuris** behrii (syn. **Arachnorchis** behrii) :
143/36C, /37C
 — brevifolia : **143/39C**
 — chryseopsis : **143/88C**
 — orientis : **143/34C, /37C**
 — — × behrii natural hybrid : **143/38C**
 — — × pardina natural hybrid : **143/35C**
 — pardina : **143/34C**
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- Donatia** novae-zelandiae : **142/24C**
 — — flowers : **142/24C, /29**
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- Dracocephalum** sp. : **166/23C**
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 — subgenus *Richea* : **142/25**
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 — continentis : **142/25**
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 — laciniatum : **142/25**
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 — — spent inflorescences : **142/31C**
 — — trunk : **142/33**
 — persistentifolium (syn. **Richea** scoparia, *Scoparia*) : **142/1C, /8C, /11C, /25, /33C, /34C, /35C, /36C, /70C**
 — — calyptra (operculum; fused petals) : **142/34**
 — — exposed flowers : **142/34C**
 — — pollination : **142/34**
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 — sprengelioides : **142/25**
 — tasmanicum : **142/25**
 — victorianum : **142/25**
- Drimia** aphylla : **135/26**
- Drosera** arcturi (Alpine Sundew) : **142/8C, /36C, /61C, /62C**
- Dryopteris** formosana : **145/55**
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- Echinops** emiliae : **135/22, /23C**
- Echinopsis** chiloensis : **132/13, /25; 137/1C, /19, /20C, /21C; 138/24**
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 — Volcán Guagua-Pichincha : **154/24, /25**
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- Empetrum** rubrum : **144/22**
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- Epacris** serpyllifolia (Alpine heath) : **142/38C**
- Ephedra** chilensis : **145/26, /27C**
- Epilobium** foliosum (California Willowherb) :
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 — nankotaizanense : **145/56**
- Epipactis**, germination : **156/54**
 — palustris : **171/16C**
- Epipogium** aphyllum : **141/51, /52C**
- Equisetum** arvense (Common Horsetail) :
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 — — R2CV-039 : **151/6**
 — — — tubers : **151/10C, /12C**
 — — separation from *E. hyemalis* : **151/7**
 — *hyemalis* (syn. *E. bulgarica*, *E. hyemalis* var. *bulgarica*) : **135/22; 151/4C, /5C, /7**
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 — vernicosa (Varnished Gum) : **142/40**
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 — — description : **144/18-19**
 — — distribution : **144/19**
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 — — exerted style & stigma : **144/22C**
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 — — hybrid swarm parent : **144/47**
 — — inflorescence : **144/21C**
 — — key : **144/29**
 — — location : **144/29C, /30C, /41C**
 — — nothospecies : **144/27**
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- — pollination : **144/46, /47**
- — population : **144/24**
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- — possible hybrid : **144/45P**

Eurybia integrifolia (Ragged Daisy) : **170/27**

Ewartia meredithae (Rusty Cushion Herb) :
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- nubigena (Silver Ewartia) : **143/55C**
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- taxonomy : **160/11**
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- — bracts : **160/34C**
- — conservation status : **160/33**
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- — flower details : **160/35C, /36C**
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- — raceme : **160/35C**
- — seeds, capsules : **160/37C**
- — separation from other Fessia : **160/31C, /32**
- gorganica : **160/10, /30C, /31, /32, /38**
- — 16IRS-093 : **160/30C**
- — distribution : **160/33C**

- greilhuberi : **160/10, /31, /38**

- hohenackeri : **160/10, /39**

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- olangensis : **113/51-70; 160/10, /29, /31, /39**

- — 16IRS-052 : **160/30C**

- — WHIR-093 : **160/30C**

- — distribution : **160/33C**

- parwanica : **160/10, /38**

- purpurea : **160/10, /38**

- puschkinioides : **160/3, /10, /38**

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Festuca spp., Fergana valley : **140/23**

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- 'fuel reduction' : **143/49**

flea beetle (on *Iris*) : **165/15**

Forsythia intermedia : **134/25C**

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- propidium iodide : **145/6; 149/96**

- standard (**Agave** americana 'Aureomarginata') : **145/6; 149/96**

Fritillaria

- taxonomy, phylogeny : **160/22**

- subgenera : **140/5**

- subgen. Fritillaria : **141/3**

- — Korolkowia : **141/3**

- — Liliorhiza : **141/3**

- — Rhinopetalum : **140/2, /3, /5, /15; 141/3**

- — — bulbs : **140/14C**

- — — distribution : **140/9C**

- — — flowers : **140/13C**

- — — key : **140/24**

- — — seeds : **140/14C**

- acmopetala : **135/22**

- alburyana : **135/27C, /28**

- ariana : **140/9, /20C, /21C, /25**

- — (Turkmenistan) : **140/25C**

- — — bulb : **140/14C**

- — — seeds : **140/14C**

- aurea : **135/22**

- avromanica : **150/14**

- baisunensis : **140/9, /24; 141/3**

- — (Uzbekistan, Baisun) : **140/18C**

- — (Uzbekistan, Pulkhakim) : **141/4C**

- — (Uzbekistan, Shurab) : **141/5C**

- — — bulb : **140/14C**

Fritillaria bucharica : **135/34C**, /35; **140/9**, /24;

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- — (Tajikistan, Darwaz) bulb : **140/14C**
- — — flower : **140/13C**
- — — seeds : **140/14C**
- — (Tajikistan, Darwaz & Norak forms) : **140/19C**
- burnatii : **167/14**
- carica : **135/22**, /23C; **144/65**
- caucasica : **141/3**
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- crassifolia : **135/22**
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- dagana : **141/3**
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- ferganensis : **140/5**; **141/3**, /23, /39, /43
- — (Kyrgyzstan) : **141/39C**, /40C
- — distribution : **141/43D**
- — seedpods : **141/22C**, /23C
- — separation from *F. walujewii* : **141/43**
- — separation from *F. ruthenica* : **141/43**
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- — (Iran, Bojnurd) : **140/25C**
- — — bulb : **140/14C**
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- — cultivars : **165/18**
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- — — bulb : **140/14C**
- — — flower : **140/13C**
- — — seeds : **140/14C**
- — (Kyrgyzstan, Batken region) : **140/19C**, /20C
- kolbintsevii : **141/2**, /3-45, /12C, /13C, /14C, /16-17*
- — 12KZ-075 : **141/20C**, /21C, /25C, /26C
- — as cf. *F. walujewii* : **141/25**, /39
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- kolbintsevii, distribution : **141/24**
- — etymology : **141/24**
- — filaments & anthers : **141/19C**
- — flower details : **141/17C**, /33C
- — habitat : **141/24**
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- — locality map : **141/23C**

- — perianth segments : **141/18C**
- — phenology : **141/24**
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- — separation from *F. meleagroides* : **141/22**, /34
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- *costatum* : **161/53**
- — BSWJ 6599 : **161/40C**
- *cryanthum* : **161/6C, /7C**
- *cyrtonema* : **161/7, /15, /31, /44C, /45C, /53**
- — CPC01.4.29.1, perianth : **161/43C, /44C**
- — purple leaf : **161/7C**
- — purple peduncle : **161/8C**
- *ericoideum* : **161/48**
- *erythrocarpum* : **161/22**
- *esquirolii* : **161/48**
- *falcatum* : **161/9**
- — HC970662 : **161/9C**
- — silver striped : **161/9C**
- *filipes* : **161/10C**
- *franchetii* : **161/54**
- aff. *fuscum* : **161/20C**
- *gongshanense* : **161/54**
- *graminifolium* : **161/28, /30**
- — GWPH803 : **161/29C**
- *grandicaule* : **161/18**
- *hirtum* (= *P. latifolium*) : **161/11C**
- — as *P. obovatum* : **161/11C**
- *hookeri* : **161/29, /30**
- *huanum* : **161/48, /50, /53**
- aff. *huanum*, perianth : **161/49C**
- *humile* : **161/12C**
- × hybridum 'Grace Barker' : **161/13C**
- *inflatum* : **161/30, /32**
- — 'Cheju Giant' : **161/13C**
- *infundiflorum* (= *P. odoratum* 'Lemon Seoul') : **161/18**
- *kansuense* : **161/30, /36**
- *kingianum* : **161/13C, /14C, /48, /53**
- 'kingianum', perianth : **161/50C**
- *kungii* (= *P. zanlanscianese*) : **161/22**
- *lasianthum* HC970391 : **161/14C, /15C**
- *lebrunii* : **161/24**
- *luteoverrucosum* : **161/51C, /52**
- *macranthum* : **161/9**
- *macropodium* CY, flowers : **161/15C**
- *marmoratum* : **161/26**
- *mengtzensense* : **161/54**
- — BSWJ551 : **161/40C**
- *multiflorum* : **161/15C**
- — 'Multifida' : **161/16C**
- — *ramosissimum* : **161/41C**
- — f. *ramosum* : **161/16**
- *nodosum* : **161/31, /43, /53C**
- 'nodosum' ex Chen Yi (= *P. cyrtonema*, small form) : **161/16C**
- *odoratum* : **161/10, /14, /17**
- — 'Flore Pleno' : **161/17C**
- — S-66 ex Chen Yi : **161/17C**
- — *sensu lato* : **161/18**
- — 'P. pluriflorum' : **161/18**

— — 'P. thunbergii' : **161/18**
Polygonatum omeiense : **161/30, /31, /32**
 — oppositifolium BSWJ2537 : **161/34C**
 — — — filament : **161/35C**
 — — — perianth : **161/35C**
 — orientale (polyanthemum) FS364 : **161/38C**
 — — — perianth : **161/38C**
 — — SB-1 (Pyatigorsk) perianth : **161/39C**
 — prattii : **161/18C**
 — — ex M Goetz : **161/37C**
 — — — perianth : **161/37C**
 — pubescens : **161/16, 19, /20C, /47C**
 — — 'Feather Boa' leaf : **161/19C**
 — aff. pubescens, filament : **161/48C**
 — — perianth : **161/47C**
 — pumilum : **161/29, /30**
 — punctatum : **161/20C, /28**
 — 'punctatum' aff. P. marmoratum : **161/26C**
 — — ex Chen Yi (aff. 'P. tonkinense') : **161/33**
 — quinghaiense : **161/29**
 — roseum : **169/9, /10C**
 — 'roseum' SBQE1310 : **161/36C**
 — sibiricum : **161/22, /54**
 — simizui : **161/17, /18**
 — — separation from P. odoratum : **161/18**
 — sp. CY-S-76 : **161/42C**
 — — perianth : **161/43C**
 — sp. Ogisu 94047 (= P. yunnanense) : **161/30C, /31, /32**
 — stenanthum (= P. falcatum) : **161/9**
 — stewartianum CLD325 : **161/46C**
 — — — filament : **161/46C**
 — — — perianth : **161/47C**
 — tonkinense (syn. Disporopsis longifolia, P. mengtzense) : **161/32, /40**
 — trinerved : **161/23**
 — tsinlingense : **161/54**
 — undulatifolium : **161/54**
 — urceolatum : **161/28C**
 — — CY-S-222 : **161/32C, /40**
 — — — filament : **161/33C**
 — — — perianth : **161/33C**
 — verticillatum 'Rubrum' : **161/21C**
 — yunnanense : **161/31, /32, /54**
 — — perianth : **161/31C**
 — zanlanscianense : **161/20, /22, /23**
 — 'zanlanscianense' (aff. P. fuscum; green/purple-brown flowering) CY-S-143 : **161/22C**
 — — — filament : **161/25C**
 — — — perianth : **161/25C**

— — — = 'sp. 2' : **161/26C**
 — — aff. P. bulbosum/P. lebrunii (white-purple flowering) : **161/22C, /23C**
 — — — filament : **161/24C**
 — — — leaf, adaxial : **161/25C**
 — — — perianth : **161/24C, /25C**
Polystichum falcatipinnum : **145/55**
 — hancockii : **145/55**
 — parvipinnulum : **145/55**
 — xiphophyllum : **145/56**
Ponerorchis cucullata : **156/48**
 — tominagae : **145/56**
Populus tremuloides (Quaking Aspen) : **170/29C**
 — sp. : **141/25**
 Portugal, Madeira : **159/4**
Potentilla biflora : **135/51, /52C**
 — flabellifolia : **170/20C**
 — lignosa : **138/2C, /15-18, /15C, /16C, /17C, /18C, /18L**
 — — achene : **138/16**
 — — cultivation : **138/18**
 — — distribution : **138/15**
 — — seed : **138/16**
 Pouyannian mimicry : **143/7**
Pozoa volcanica : **145/26, /28C**
Prangos pabularia : **169/15, /19C**
 — uloptera : **150/14, /20, /30**
 prangos-ferula meadows (Kyrgyzstan) : **169/8, /15, /19C**
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 — allionii (Utrecht BG) : **152/33**
 — chionantha : **135/49C, /50**
 — deflexa : **135/44**
 — dryadifolia : **135/44, /47C**
 — fedtschenkoi : **135/34C, /35**
 — flaccida : **133/36C**
 — frondosa : **155/2, /21-23, /21C, /22C, /23C**
 — marginata hybrid 'Coningsby Blue' : **164/37**
 — — 'Coningsby Queen' : **164/37**
 — — 'Linda Pope' : **164/37**
 — obonica : **164/37**
 — minkwitzsiae : **135/39C**
 — minutissima : **135/53**
 — munroi : **135/50**
 — nivalis : **135/41**
 — reidii : **135/52, /53C**
 — rosea : **135/54C, /55C**
 — secundiflora : **133/36C; 135/42, /43C**
 — sikkimensis : **133/36C; 135/42, /43C, /50**

- Primula** sp. (Iran, Gilan) : **160/32**
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 — vulgaris subsp. sibthorpii : **164/25, /26C**
 — whitei : **133/30C**
 — zambalensis : **135/44**
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 — divaricata : **141/26; 169/6**
 — emarginata (Bitter Cherry) : **170/13, /26**
 — lycioides : **150/14**
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Psychrophila introloba (syn. **Caltha** introloba, Alpine Marsh Marigold) : **143/58C**
 — sagittata, habitat : **156/16C**
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 — — xnutans natural hybrid : **143/49C**
 — curta (Blunt Greenhood orchid) : **143/24C**
 — nutans : **143/33C**
 — pedunculata : **143/33C**
 — plumosa (syn. **Plumatichilos** extensus) : **143/26C, /27C**
 — pusillus (syn. **Oligochaetochilus** pusillus) : **143/25C**
 — vereenae (syn. **P. foliata**) : **143/30C**
 — lawrencei (Sage Cushion Plant) : **142/8C, /37C, /60C, /61C**
 — — in cultivation : **142/61C, /63C**
 — — resemblance to **Raoulia** : **142/62C**
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 — integrifolia : **166/24C**
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 — — 17IRS-048 : **160/13, /14, /23, /24C**
 — — 22IRS-082 (holotype RIG!) : **160/13, /14, /15, /20C**
 — — bracts : **160/17C**
 — — bulb : **160/19C**
 — — — tunic : **160/19C**
 — — colour forms *in situ* : **160/13, /15C**
 — — conservation status : **160/22**
 — — corona : **160/18C**
 — — distribution : **160/20, /21C, /28**
 — — etymology : **160/22**
 — — flower structure : **160/19C**
 — — flowers, inflorescence : **160/16C, /17C, /18C, /21C**
 — — habitat : **160/20**
 — — holotype : **160/13**
 — — phenology : **160/22**
 — — separation from **P. peshmenii** : **160/18**
 — cf. advayana BATM/BATMAN-250 : **160/21C, /22, /26C**
 — — — as **P. peshmenii** 'Jim Archibald' : **160/22**
 — — — inflorescence : **160/21C**
 — — — separation from **P. peshmenii** : **160/23**
 — avromanica : **150/12, /13-15*, /27, /35, /38, /39, /42; 160/28**
 — — 18IRS-026 : **150/12, /15C, /16C, /20C, /21C, /22C, /40C; 160/8C**
 — — 22IRS-097 : **150/23C**
 — — WHIR-185 : **150/13**
 — — bulbs : **150/18C**
 — — characteristic style : **150/17C**
 — — conservation status : **150/15**
 — — distribution : **150/11C, /14, /19C, /43, /44; 160/28**
 — — etymology : **150/15**
 — — flower : **150/21C**
 — — fruits : **150/18C, /23C**
 — — habitat : **150/14, /19C, /20C**
 — — holotype (GB!) : **150/21C**
 — — isotype (RIG!) : **150/22C**
 — — phrenology : **150/15**
 — — seeds : **150/21C**
 — — separation from **P. scilloides** : **150/14, /24**

- Puschkinia bilgineri** (syn. *P. kurdica*) : **150/4**,
/6C, /41, /42; **160/5**, /7, /28
- — JRRK-058 : **160/6C**
 - — distribution : **150/43**, /44; **160/27**
 - — separation from *P. scilloides* : **160/7**
 - hyacinthoides : **150/5**; **160/3**
 - — WHIR-126 : **160/4**
 - kurdistanica : **150/4**, /42, /43; **160/28**
 - — BATM-060 : **150/6C**; **160/7C**, /8
 - — — as *P. peshmenii* : **160/7**
 - — distribution : **150/43**, /44; **160/27**
 - — separation from *P. peshmenii* : **160/8**
 - latifolia : **150/12**, /24C, /28, /29-30*, /31, /42; **160/8**, /28
 - — bracts : **150/33C**
 - — bulbs : **150/33C**
 - — conservation status : **150/30**
 - — distribution : **150/11C**, /30, /43; **160/28**
 - — etymology : **150/30**
 - — flower : **150/31C**, /32C
 - — fruits : **150/32C**
 - — habitat : **150/30**
 - — holotype (GB!) : **150/28C**
 - — leaf : **150/26C**, /27C
 - — phrenology : **150/30**
 - — seeds : **150/32C**
 - — separation from *P. scilloides* : **150/30**
 - — SLIZE-066 (N Iran, Central Alborz) : **150/25C**, /26, /27, /28; **160/9C**
 - libanotica (syn. *P. scilloides*) : **150/5**; **160/3**
 - parvula : **150/12**, /36, /37-38*, /42; **160/8**, /28
 - — 18IRS-060B (NW Iran, W Mahabad) : **150/34**, /37C, /40C
 - — 22IRS-050 (NW Iran, W Agh Bolagh) : **150/44C**
 - — 22IRS-077 (NW Iran, Lake Urmia basin) : **150/35**, /36C; **160/10C**
 - — conservation status : **150/39**
 - — distribution : **150/11C**, /39, /41C, /43, /44; **160/28**
 - — etymology : **150/39**
 - — fruits : **150/38**, /39C
 - — habitat : **150/34C**, /39
 - — holotype (RIG!) : **150/36C**
 - — phrenology : **150/39**
 - — seeds : **150/38**, /39C
 - — separation from *P. avromanica* : **150/38**
 - — separation from *P. scilloides* : **150/38**
 - peshmenii : **150/41**, /43; **160/6**, /13, /14, /22, /28
 - — Rix et al. 1624 : **160/5C**, /6, /24C
 - — — flower structure : **160/26C**
 - — — flowers : **160/25C**
 - — Rix et al. 1926 : **160/5**, /6, /21C
 - — — [herbarium sheet](#) : **160/6**
 - peshmenii s.l. : **150/4**, /5C
 - cf. peshmenii (22IRS-082) : **150/5**, /7C
 - — distribution : **150/4**, /43, /44; **160/21C** /27
 - scilloides : **135/28C**; **150/3**, /5, /26, /27, /34, /38, /39, /42, /43; **160/3**, /5, /6, /7, /22, /23, /27, /28
 - — distribution : **160/27**
 - — inflorescence : **160/4C**
 - scilloides s.l., distribution : **150/5**, /11C, /43, /44
 - scilloides (Armenia, Zangezur Mts.) : **150/10C**, /24
 - — 14ARM-037 (Armenia, near Vanadzor) : **150/24**
 - — 14ARM-042 (Armenia, near Geghard) : **150/24**
 - — 18IRS-072B (NW Iran, Kuhha-ye Sabalan) : **150/9C**, /13, /24, /26
 - — BATM-089 (Turkey, Güzeldere Pass) : **150/24**
 - — BATM-148 (Turkey, Tendürek Pass) : **150/7C**, /24
 - — CMGG-028 (Georgia, Devdaraki valley) : **150/9C**, /24
 - — KPPZ 90-221 (Turkey, Tunceli-Erzincan) : **150/7C**, /30
 - — WHIR-126 (NW Iran, Kūhhā-ye Jālesh) : **150/8C**, /13, /24, /26, /30
 - — — leaf : **150/27C**
 - — WHIR-151 (NW Iran, Takht-e Soleyman Massif) : **150/10C**, /24
 - sp. nova (Iran, West Azerbaijan Province, Oshnavieh) : **149/76**
- Puya chilensis** : **143/93C**
- raimondii : **154/3**, /4C, /5
 - — habitat : **154/3C**, /5C
 - — pollination : **154/5**
- Pyrorchis nigricans** : **143/47C**
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- Quaternary deposits : **140/3**
- Quercus kelloggii** (California Black Oak) : **170/9**, /10
- macranthera : **150/30**; **160/32**
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 — (Utrecht BG) : **152/33**
 — myconi : **139/41**, /44, /46
Ranorchis : **143/25**
Ranunculus glacialis : **164/33**
 — gunnianus (Gunn's Buttercup) : **142/63C**
 — occidentalis var. ultramontanus (Western Buttercup) : **170/26**
 — orthorhynchus var. orthorhynchus (Straight-beaked Buttercup) : **170/22**
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 — arboreum 'Tony Schilling' : **133/33C**
 — edgeworthii : **133/33C**
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 — — 'Sugar Moon' : **137/12C**
 — (Polyantha) 'Smoke Rings' : **137/12C**
 — banksiae : **134/35C**
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 — damascena, in Aleppo Market, Syria : **146/34C**
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 — — — (nom. inval.) original description : **145/49C**

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 — — — leaf : **168/22C, /23C**
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 — — 'Yin Yuanbao' : **168/24C, /25*, /29C**
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- volcanica : **167/23C**
- weberbaueri : **153/17**
- yrameae : **153/11-12*, /16D, /18, /23C**
- — conservation status : **153/12**
- — distribution & habitat : **153/7C, /8, /12, /15C**
- — etymology : **153/12**
- — location map : **153/3C, /6C, /9C, /10C**
- — phenology : **153/12**
- — separation from *V. subandina* : **153/14C, /15C, /16D**
- × blaxlandiae : **145/43**
- × josephii : **153/33C**
- × wittrockiana (pansy), with bee fly : **153/29C**
- × zwienenii : **145/43**
- viral diseases of bulbs : **165/17C**
- Vitax Q4 fertilizer : **153/44**
- Viviania marifolia** (Francoaceae) : **132/8, /9C, /10C**
- — F&W12236 : **156/14, /15C**
- volcanic scoria : **145/12**
- tufa : **147/7**
- Wahlenbergia** ceracea (Waxy Bluebell) : **143/65C**
- white wool (snow mould) : **165/11C, /12C, /26**

World Checklist of Selected Plant Families,
Kew (now [Plants of the World Online, POWO](#))
: **160/11**

Woodsia okamotoi : **145/56**

Wyethia mollis (Woolly Mules Ears) : **170/27C**

Xanthium spinosum : **138/24**

Xerochrysum milliganii (syn. **Helichrysum**
milliganii; Snow Everlasting) : **142/67C**

— subundulatum (Alpine Everlasting) :
143/61C, /69

Yemen : **159/4; 166/2**

Yramea (Argynnini; Southern fritillary
butterflies) : **153/2, /3, /4, /12, /25, /31,**
/36

— attraction to violas : **153/32**

— caterpillars : **153/23, /24C, /31**

— co-evolution with **Viola** : **153/25**

— cytheris : **132/8C; 153/22C, /23C, /24C, /25,**

/32, /36

— — caterpillars : **132/13**

— — egg cases on annual rostrate viola :
153/24C

— inca : **153/36C**

— lathonioides : **153/25, /26C, /36**

— lynx : **153/36**

— modesta : **153/25, /27C, /36**

— sobrina : **153/36**

Zantedeschia aethiopica : **134/37C**

Zephyranthes sp. : **144/22**

— graciliflora F&W11097 : **156/29C**

— — F&W11250 : **156/28C**

— tenuiflora (syn. **Rhodophiala** andina) :
132/23C

Ziplock bags (seed sowing) : **136/5, /6C**

Zoom : **164/2**

Zygophyllum atriplicoides : **140/12, /23**