

*parnassicum* Boiss.

Greece; flowers bright pink, slightly tessellated; close to *autumnale* L.

*persicum* Baker see *kotschyi* Boiss.

**'Pink Goblet'**

Sel. by Trotter; flowers pink, large globular.

*'Pleniflorum'* see *autumnale* L. *'Pleniflorum'*

*'Plenum'* see *autumnale* L. *'Pleniflorum'*

**'Premier'**

*giganteum* Arn. x *bornmuelleri* Freyn

Zocher & Co.; flowers light mauve-pink, centre white.

A.M.-B.C. 1928, A.M.-R.H.S. 1928

**'President Coolidge'**

Zocher & Co.; flowers purple, with white centre.

*'Prinses Astrid'* see *'Autumn Queen'*

*procurrens* Baker see *boissieri* Orph.

***pusillum* Sieber**

*montatum* L. var. *pusillum* (Sieber) Fiori

Greece, Crete, Cyprus; flowers 1-6, funnel-shaped, opening star-shaped, perianth pale rosy lilac to white, narrowly oblanceolate to narrowly oblong-oblanceolate, autumn flowering.

*regelii* Stefanoff see *kesselringii* Regel

*'Roseum Plenum'* see *autumnale* *'Pleniflorum'*

**'Rosy Dawn'**

Barr & Sons; flowers bright rose, lightly checkered, centre white.

A.M.-R.H.S. 1972

*serpentinum* Miscz. see *falcifolium* Stapf

***speciosum* Steven**

N Turkey, Iran, USSR (Caucasus), 1874; flowers pale to deep rosy purple, anthers orange-yellow, leaves hairless, autumn flowering. ( $2n=38$ )

A.M.-R.H.S. 1973

***speciosum* Steven 'Album'**

Backhouse of York; flowers creamy white, large, perianth tube soft green.

A.M.-B.C. 1933, F.C.C.-R.H.S. 1900, A.G.M.-R.H.S. 1924

## COLCHICUM

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### **speciosum Steven ‘Atrorubens’**

Backhouse of York; flowers petunia-purple (32), centre white.  
A.M.-R.H.S. 1933, A.G.M.-R.H.S. 1952

### **speciosum Steven ‘Darwin’**

R.O. Backhouse; flowers rosy, smaller than ‘Huxley’, late flowering.

### **speciosum Steven ‘Huxley’**

R.O. Backhouse; flowers with broad segments, purple, shaded petunia-purple, leaves large.  
A.M.-R.H.S. 1953

### **speciosum Steven ‘Maximum’**

Flowers large, rosy purple.

### **speciosum Steven ‘Ordu’**

North-Turkey, provence Ordu; (selection from M & T 4378) flowers bright amethyst-violet, with large white centre.

### **‘Surprise’**

P. Visser Czn., 1985; imperial-purple (CC 77b), inside broad ivory white centre.

### **szovitsii Fischer & C. Meyer**

*armenum* B. Fedtsch., *bifolium* Freyn & Sint., *hydropylleum* Siehe, *szovitsii* var *bifolium* (Freyn & Sint.) Bordz., *szovitsii* var *nivale* Boiss. & Huet Turkey, Iran, Caucasus; flowers deep to pale purplish pink or white suffused with purplish pink, sometimes with basal auricles, anthers purplish or greenish black, leaves strap-shaped, early spring-summer flowering. (2n=18)

*szovitsii* misapplied see *falcifolium* Stapf

*szovitsii* Fischer & C. Meyer var *bifolium* (Freyn & Sint.) Bordz.  
see *szovitsii* Fischer & C. Meyer

*szovitsii* Fischer & C. Meyer var *freynii* Stefanoff  
see *falcifolium* Stapf

*szovitsii* Fischer & C. Meyer var *nivale* Boiss. & Huet  
see *szovitsii* Fischer & C. Meyer

*tauri* Stefanoff see *falcifolium* Stapf

### **tenorii Parl.**

Italy; flowers campanula-violet (CC 82c), with small white vein, slightly tessellated, autumn flowering; close to *autumnale* L.

*‘The Giant’* see ‘Giant’

**troodii** Kotschy

*decaisnei* Boiss.

Cyprus, Turkey, Israel, Lebanon; flowers 2-12, narrowly funnel-shaped to star-shaped, perianth white to pale purplish pink, narrowly oblong-lanceolate, autumn flowering.

**turicum** Janka

Balkan, NW Turkey; flowers red-purple, occasionally paler, sometimes lightly tessellated, late summer-autumn flowering.

**umbrosum** Steven

*arenarium* Waldst. & Kit. var *umbrosum* Ker Gawler

Romania, USSR (Crimea), N Turkey; flowers white to purplish pink, leaves strap-shaped, hairless, late summer-autumn flowering. (2n=24)

**varians** Freyn & Bornm. see **falcifolium** Stapf

**variegatum** L.

*parkinsonii* J.D. Hook., *variegatum* var *desii* Pampan.

Greece, SW Turkey; flowers deep red-purple or violet-purple, occasionally paler or white at the base, strongly tessellated, autumn flowering. (2n=44)

*variegatum* L. var *desii* Pampan. see **variegatum** L.

**vernus** (L.) Ker Gawler see **Bulbocodium vernum** L.

**'Violet Queen'**

*giganteum* Arn. x *bornmuelleri* Freyn

Zocher & Co.; flowers imperial purple (33/1).

**visiani** Parl. see **bivonae** Guss.

**'Waterlily'**

*autumnale* L. 'Album' x *speciosum* L. 'Album'

Zocher & Co.; flowers mauve (633), double.

A.M.-B.C. 1927, A.M.-R.H.S. 1928

**'William Dykes'**

Flowers pale lilac with star-shaped greenish white centre (CC 57d).

**'W. Herbert'**

*'Mr. Herbert'*

Flowers cobalt-violet (624/2), deeper at apex, white base.

A.M.-R.H.S. 1952

**'Zephyr'**

P. Visser Czn., 1985; flowers imperial-purple (CC 78b), with star-shaped greenish white veined base, outside violet-purple (CC 77b) to pale purple.

## CONVALLARIA

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### CONVALLARIA

**Convallaria L.**

Family: Liliaceae

Literature: The European garden flora I: 250, 1986.

**majalis L.**

N temperate regions, 1420; leaf-blades ovate-lanceolate to elliptic, raceme 5-13 flowered, flowers white, spherical bell-shaped, spring flowering. (2n=38) A.M.-B.C. 1951

*majalis* L. 'Alba' see *majalis* L. 'Fortin's Giant'

*majalis* L. var *alba* Carrière see *majalis* L. 'Fortin's Giant'

***majalis* L. 'Albotriata'**

*majalis* var *albotriata* Groenl. & Rümpl., *majalis* var *variegata* Lowe, *majalis* var *follis aureostriatis* Oudem.

Intr. 1865; leaves pale green with creamy white stripes lengthwise, flowers small, white, height 10-20 cm.

*majalis* L. var *albotriata* Groenl. & Rümpl. see *majalis* L. 'Albotriata'

***majalis* L. 'Flore Pleno'**

Double white flowers.

*majalis* L. var *follis aureostriatis* Oudem. see *majalis* L. 'Albotriata'

***majalis* L. 'Fortin's Giant'**

*majalis* 'Alba', *majalis* var *alba* Carrière, *majalis* forma *latifolia* (Miller) Asch. & Graebner

Flowers large, pure white, height 15-20 cm, flowering about a fortnight later than the type.

*majalis* L. forma *latifolia* (Miller) Asch. & Graebner see *majalis* L. 'Fortin's Giant'

***majalis* L. forma *picta* Wilczek**

Purple spots at the base of the filaments.

***majalis* L. 'Prolificans'**

Small clusters of single white flowers, height 10-20 cm, May-June flowering.

***majalis* L. 'Rosea'**

Elegant racemes of small pink flowers, height 10-20 cm.

*majalis* L. var *rosea* Reichb. see *majalis* L. 'Variegata'

*majalis* L. var *rubra* Sweet see *majalis* L. 'Variegata'

**majalis L. 'Variegata'**

*majalis* var *rubra* Sweet, *majalis* var *rosea* Reichb., *majalis* var *variegata* Weston

Intr. 1576; flowers small, single, white, leaves pale green with longitudinal creamy white stripes.

A.M.-R.H.S. 1978

***majalis* L. var *variegata* Lowe see *majalis* L. 'Albostriata'**

***majalis* L. var *variegata* Weston see *majalis* L. 'Variegata'**

## COOPERANTHES

*Cooperanthes* Lancaster see *Habranthus* Herbert

Family: Amaryllidaceae

## COOPERIA

*Cooperia* Herbert see *Zephyranthes* Herbert

Family: Amaryllidaceae

*drummondii* Herbert see *Zephyranthes brasosensis* Traub

## CORYDALIS

*Corydalis* Vent.

Syn: *Fumaria* L.

Family: Papaveraceae

Literature: Hortus Third: 316-317, 1976; Supplement to the dictionary of gardening, 2nd ed.: 246-248, 1969; Flora of Turkey 1: 238-242; Flora Europaea 1: 252-254, 1964; Med-Checklist 4: 270-273, 1989; Quarterly Bulletin of the Alpine Garden Soc. 56: 146-169, 1988.

***aitchisonii* Popov**

C Asia; flowers yellow with mahogany tips, 4 cm long.

**'Albiflora' see *bulbosa* (L.) DC. 'Albiflora'**

***alpestris* C. Meyer**

*nivalis* Boiss. & Huet, *pauciflora* Stephan var *nivalis* (Boiss. & Huet) Boiss. Turkey, USSR (Caucasus); racemes 5-8 flowered, dense, flowers blue, tuber divided into a number of segments, cauline leaves alternate, ternate, segments palmatifid into oblong to narrowly obovate acuminate lobes.

***ambigua* Cham. & Schldl.**

N Japan (Hokkaido); flowers clear blue to pale violet.

A.M.-R.H.S. 1979

## CORYDALIS

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**angustifolia** (M. Bieb.) DC.

*Fumaria angustifolia* M. Bieb.

USSR (Caucasus); racemes 4-8 flowered, flowers yellow or white, tuber solid, leaves linear-lanceolate. (2n=16)

**bracteata** (Willd.) Pers.

USSR (Siberia); racemes 4-8 flowered, lax, flowers yellow, tuber solid, leaves usually 3-ternate, segments narrowly oblong.

**bulbosa** (L.) DC.

*cava* (L.) Schweigger & Koerte

Europe, Asia; racemes 10-20 flowered, more or less dense, flowers deep rose to purple or white, tuber cormlike, leaves 2-3, ultimate lobes usually lanceolate-oblong. (2n=16)

**bulbosa** (L.) DC. 'Albiflora'

*cava* (L.) Schweigger & Koerte 'Albiflora'

Flowers white.

**bulbosa** misapplied see **solida** (L.) Clairv.

**cashmeriana** Royle

Pakistan (Kashmir), N India, Nepal; racemes 3-8 flowered, dense, flowers bright blue, tipped with dark blue, tuber small, scaly, leaves pinnatisect into linear, entire segments.

A.M.-R.H.S. 1938

**caucasica** DC.

N Anatolia; raceme lax, 4-9 flowered, bracts entire, narrowly elliptic to narrowly obovate, semi-amplexicaul, exceeding the fruiting pedicels, flowers with white or yellow markings.

*cava* (L.) Schweigger & Koerte see **bulbiflora** (L.) DC.

*cava* (L.) Schweigger & Koerte 'Albiflora' see **bulbosa** (L.) DC. 'Albiflora'

**cheilanthalifolia** Hemsley

China, 1904; racemes 20-30 flowered, capitate about 2 cm, yellow, roots and rhizomes fleshy, becoming hollow and latticed.

*decipiens* Schott, Nyman & Kotschy see **pumila** (Host) Reichb.

**densiflora** C. Presl see **solida** (L.) Clairv.

**diphylla** Wallich see **rutifolia** (Smith) DC.

**firouzii** Wendelbo

Iran, 1974; flowers pale yellow, becoming purple-tinged with age, distinct short corolla, leaves divided.

**glaucescens** Regel

C Asia (Ala Tau); flowers white, flushed pink.

**halleri** Willd. see **solida** (L.) Clairv.

**intermedia** (L.) Mérat

N & C Europe; racemes 2-8 flowers, dense, flowers purple, rarely white, tuber solid, leaves 2-ternate.

**ledebouriana** Karelín & Kir.

C Asia; flowers small, white with mahogany tips.

**nivalis** Boiss. & Huet see **alpestris** C. Meyer

**nobilis** (L.) Pers.

C Asia, 1783; racemes 20-30 flowered, capitate, flowers yellow or white, tipped green, roots and rhizomes fleshy, becoming hollow and sometimes latticed, leaves usually 2-3, pinnate, glaucous. ( $2n=16$ )

**ochroleuca** Koch

Italy, W Balkan, naturalised in W & N Europe; raceme dense, to 14-flowered, bracts oblong-lanceolate, entire, corolla c. 15 cm, cream-coloured, yellow at apex, spur saccate, fruit 10 mm, erect, style deciduous.

**pauciflora** Stephan var **nivalis** (Boiss. & Huet) Boiss. see **alpestris** C. Meyer

**popovii** Popov

C Asia; flowers 2-6, pink to dark purple with mahogany tips.

A.M.-R.H.S. 1983

**pumila** (Host) Reichb.

*decipiens* Schott, Nyman & Kotschy

Corsica, Sardinia, Yugoslavia; racemes 4-8-flowered, dense, flowers purplish, tuber cormlike, solid, leaves 2, ternate.

**rupestris** Kotschy & Boiss.

Iran; racemes short, dense, flowers yellow, rhizome thick, without tubers, leaves ultimate lobes less than 0.5 cm long.

**rutifolia** (Sibth. & Smith) DC.

*diphylla* Wallich, *Fumaria rutifolia* Sibth. & Smith

W Asia to NW China, Himalayas; racemes 1-7 flowered, flowers pink, maroon, purplish or white marked with purple, tuber slender, leaves 2-3, opposite, usually 2-ternate.

**saxicola** Bunting

*thalictrifolia* Franchet

C China; racemes many flowered, flowers yellow, to 2.5 cm, long woody rhizomes, leaves to 35 cm long, with 5-7 long-stalked, irregularly lobed primary divisions.

## CORYDALIS

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**schanginii** (Pallas) Pers.

USSR (Siberia); flowers pale yellow and white with conspicuous purplish black tips.

**scouleri** Hook.

W N-America (Vancouver Island, Washington, Oregon); racemes to 25 flowered, flowers rose or white, rhizome thick.

**solida** (L.) Clairv.

*bulbosa* misapplied, *densiflora* C. Presl, *halleri* Willd., *tenella* Ledeb., *Fumaria bulbosa* L. var *solida* L.

Most of Europe, Turkey; racemes 10-20 flowered, flowers mallow-purple (630), tuber spherical, undivided, solid, leaves mostly 2-ternate. ( $2n=16, 24, 32$ )  
A.M.-B.C. 1939

**solida** (L.) Clairv. 'Beth Evans'

Flowers soft pink with some white on the spur, the flowers change colour with age, fading to a much paler shade, and the true distinguishing mark on the white flash on the spur.

A.M.-R.H.S. 1988

**solida** (L.) Clairv. 'G.P. Baker'

*transsylvanica* hort.

SE Europe, Tubergen 1925; flowers porcelain-rose (620/2), inside petals faintly flushed with bishop-violet (34/3) and later fading to this colour.

A.M.-R.H.S. 1959

**tenella** Ledeb. see **solida** (L.) Clairv.

**thalictrifolia** Franchet see **saxicola** Bunting

**transsylvanica** hort. see **solida** (L.) Clairv. 'G.P. Baker'

**wilsonii** N.E. Br.

C. China; plants forming clumps, with taproots, stem short, reclining, leaves usually glabrous, racemes several, flowers bright yellow, 1.8 cm long, spur down-curved, bracts entire, not very hardy.

## CRINODONNA

*Crinodonna* invalid see *Amarcerinum* Coutts

Family: Amaryllidaceae

**CRINUM****Crinum L.**

Family: Amaryllidaceae

Literature: The European garden flora I: 309-311, 1986; Hortus Third: 33-334, 1976.

'Album' see *moorei* J.D. Hook. 'Album'

'Album' see *powellii* Baker 'Album'

**asiaticum L.**

Tropical SE Asia; leaves 90-120 x 7.5-13 cm, scape 45-60 cm, green, about 20 flowers per umbel, flowers fragrant, stalks very short, perianth-tube 7.5-10 cm, green, straight lobes 0.6-0.8 cm wide, white, spring-autumn flowering.

**bulbispermum** (N.L. Burman) Milne-Redh. & Schweick.

*capense* misapplied, *longifolium* Thunb.

S Africa, 1698; leaves green, flowers fragrant, white with dark red streak or shaded with red, perianth-tube 7.5-10 cm, green, summer flowering. ( $2n=66, 72$ )

*capense* misapplied see *bulbispermum* (N.L. Burman) Milne-Redh. & Schweick.

**'Ellen Bosanquet'**

L.P. Bosanquet; flowers large, deep pink.

**'Haarlemense'** see *powellii* Baker 'Haarlemense'

**'Intermedium'** see *powellii* Baker 'Intermedium'

**'Krelagei'** see *powellii* Baker 'Krelagei'

*longifolium* Thunb. see *bulbispermum* (N.L. Burman) Milne-Redh. & Schweick.

*makoyanum* Carrière see *moorei* J.D. Hook.

**moorei** J.D. Hook.

*makoyanum* Carrière

S Africa (Natal, Cape Province), 1863; leaves green, flowers not fragrant, white usually suffused with pink, perianth-tube green or tinged with red, curved, summer flowering. ( $2n=22$ )

F.C.C.-R.H.S. 1882

**moorei** J.D. Hook. 'Album'

*schmidti* Regel

Flowers pure white.

F.C.C.-R.H.S. 1893

**moorei** J.D. Hook. 'Roseum'

Flowers pink.

## CRINUM

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### **powellii** Baker

**bulbispermum** (N.L. Burm.) Milne-Redh. & Schweick. x **moorei** J.D. Hook.  
C.B. Powell, intr. by E.G. Henderson, about 1858; flowers pink. ( $2n=22$ )  
F.C.C.-R.H.S. 1886

### **powellii** Baker 'Album'

Described by W. Gumbleton, 1888; flowers pure white.  
F.C.C.-R.H.S. 1893, A.G.M.-R.H.S. 1925

### **powellii** Baker 'Haarlemense'

Krelage; flowers soft pink.

### **powellii** Baker 'Intermedium'

Flowers pale pink.

### **powellii** Baker 'Krelagei'

Krelage; flowers deep rose pink  
A.M.-B.C. 1919, A.M.-R.H.S. 1930

'Roseum' see **moorei** J.D. Hook. 'Roseum'

**schmidii** Regel see **moorei** J.D. Hook. 'Album'

### **subcernuum** Baker

E Africa, Mozambique, Namibia; leaves to 9 cm wide, without midrib, 10-15 flowers per umbel, flower-stalks 2.5-3 cm, perianth-tube 12-15 cm, curved when in bud, later erect, lobes 0.5-1 cm wide, white inside, more reddish outside; it is possible that *crassicaule* Baker is a synonym.

### 'White Queen'

W.H. Henderson, 1930; flowers white, somewhat waxy appearance, on the back of each flower-segment is a distinct light yellowish stripe. ( $2n=44$ )

## CROCOSMIA

### **Crocosmia** Planchon

Syn: *Montbretia* DC.

Family: Iridaceae

Literature: The European garden flora I: 386, 1986; M.P. de Vos, The African genus *Crocosmia* Planchon, in Journ. S African Botany 50: 463-502, 1984.

### **aurea** (Hook.) Planchon

*Tritonia aurea* Hook.

S Africa, 1847; flower bright golden-orange or reddish-orange, height 60-100 cm, spring or early summer flowering. ( $2n=22$ )

**aurea** (Hook.) Planchon ‘*Imperialis*’

M. Leichtlin, 1888; flower orange-yellow; ancestor of the “large-flowered”

*Montbretias*.

A.M.-R.H.S. 1892, F.C.C.-R.H.S. 1894

**crocsmiiflora** (Burb. & Dean) N.E. Br.

*Montbretia crocosmiiflora* Burb. & Dean

**aurea** (Hook.) Planchon x *pottsi* (Baker) N.E. Br.

First raised by Mr. Lemoine of Nancy, 1879; flower orange or yellowish, perianth 3-5 cm, inflorescence a single erect spike or a panicle of spikes with erect or ascending branches, height to 100cm, spring or early summer flowering. (2n=22)

**crocsmiiflora** (Burb. & Dean) N.E. Br. ‘*A.E. Amos*’

J.E. Fitt; large flowers, deep yellow, scarlet blotches, late flowering.

**crocsmiiflora** (Burb. & Dean) N.E. Br. ‘*Aurora*’

J.E. Fitt, 1927; large flowers, light orange (9), centre with brown-red edge.

A.M.-B.C. 1927

**crocsmiiflora** (Burb. & Dean) N.E. Br. ‘*Blacro*’ (B)

Bressingham nurseries, 1986; flowers large, inside petals cadmium-orange (CC 23a), changing into saffron-yellow (CC 21a), outside petals saffron-yellow (CC 21a).

**crocsmiiflora** (Burb. & Dean) N.E. Br. ‘*Blos*’ (B)

Bressingham nurseries, 1985; flowers large, bicoloured indian-orange (CC 32a) and indian-yellow (CC 17a).

**crocsmiiflora** (Burb. & Dean) N.E. Br. ‘*Bouquet Parfait*’

V. Lemoine, 1885; small flowers, orange with yellow.

**crocsmiiflora** (Burb. & Dean) N.E. Br. ‘*Bressingham Blaze*’

probably *masonorum* (L. Bolus) N.E. Br. x *paniculata* (Klatt) Goldblatt

Bressingham Nurseries, 1977; flowers large, intense orange, flamed red.

**crocsmiiflora** (Burb. & Dean) N.E. Br. ‘*Brightest and Best*’

J.E. Fitt; large flowers, orange shaded red, growth dwarfish.

A.M.-B.C. 1926, F.C.C.-B.C. 1927

**crocsmiiflora** (Burb. & Dean) N.E. Br. ‘*Carmine Brilliant*’

V. Lemoine; flowers small, carmine-red.

**crocsmiiflora** (Burb. & Dean) N.E. Br. ‘*Carola*’

J. Zonneveld, 1982; flowers large, capsicum-red (CC 33a), with marigold-orange (CC 28b) midrib, flower-tube cadmium-orange (CC 23b) outside, petals nasturtium-red (CC 30a), anthers aureolin.

## CROCOSMIA

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**crocosmiiflora** (Burb. & Dean) N.E. Br. 'Challa'

**crocosmiiflora 'Tigridie' x crocosmiiflora 'Tigridie'**

Jac.M. van Dijk; flowers large, outer petals brown-red outside, brownish red inside, inner petals indian-yellow (CC 17c) with brownish red vein outside, nasturtium-orange (CC 25c) inside.

**crocosmiiflora** (Burb. & Dean) N.E. Br. 'Citronella'

J.E. Fitt; small flowers, lemon-yellow, sturdy growing.

**crocosmiiflora** (Burb. & Dean) N.E. Br. 'Comet'

E. Davidson; flowers large, clear orange (710/2) edged and spotted cardinal-red (822), yellow centre.

A.M.-B.C. 1938

**crocosmiiflora** (Burb. & Dean) N.E. Br. 'Constance'

**crocosmiiflora 'Citronella' x crocosmiiflora 'R.C. Notcutt'**

Jac. M. van Dijk; flowers large, marigold-orange (CC 28b), outer petals nasturtium-orange (CC 33a) outside, nasturtium-red (CC 32b) inside, inner petals marigold-orange (CC 28b) inside, centre buttercup-yellow (CC 15c), dotted with orange.

**crocosmiiflora** (Burb. & Dean) N.E. Br. 'Corso'

**masonorum** (L. Bolus) N.E. Br. x **crocosmiiflora 'Brightest and Best'**

Jac. M. van Dijk, 1986; flowers large, brown-red (CC 34a) glowing fire-red, signal-red (CC 43b/c) outside.

**crocosmiiflora** (Burb. & Dean) N.E. Br. 'Ellen'

**crocosmiiflora 'Tigridie' x crocosmiiflora 'Tigridie'**

Jac. M. van Dijk; flowers large, outer petals reddish brown (CC 34b) outside, inner petals maize-yellow (CC 21b) with reddish brown tip outside, inside saturn-red (CC 30a/c), centre tangerine-orange, throat pale orange.

**crocosmiiflora** (Burb. & Dean) N.E. Br. 'Emberglow'

probably **masonorum** (L. Bolus) N.E. Br. x **paniculata** (Klatt) Goldblatt  
Bressingham Nurseries, 1977; flowers capsicum-red (CC 33a), throat lemon-yellow, with edge of brown spots.

**crocosmiiflora** (Burb. & Dean) N.E. Br. 'Emily McKenzie'

sport of 'Comet'

K. McKenzie, intr. by Tubergen; large flowers, orpiment-orange (10/1), with chrysanthemum-red (824) blotch.

A.M.-R.H.S. 1951, A.M.-B.C. 1957, F.C.C.-B.C. 1958

**crocosmiiflora** (Burb. & Dean) N.E. Br. 'Fantasie'

V. Lemoine, 1892; small flowers, reddish orange.

**crocosmiiflora** (Burb. & Dean) N.E. Br. 'Fire King'  
E.H. Krelage; small flowers, red, late flowering.

**crocosmiiflora** (Burb. & Dean) N.E. Br. 'Frans Hals'  
J. Roes, 1908; small flowers, dark yellow, shaded brown.  
A.M.-B.C. 1913

**crocosmiiflora** (Burb. & Dean) N.E. Br. 'George Davison'  
(*crocosmiiflora* x 'Gerbe d'Or') x 'Gerbe d'Or'  
E. Davison; small flowers, uniform yellow.  
A.M.-R.H.S. 1982

**crocosmiiflora** (Burb. & Dean) N.E. Br. 'Henry VIII'  
J.E. Fitt; large flowers, deep orange, dark blotches.  
A.M.-B.C. 1926

**crocosmiiflora** (Burb. & Dean) N.E. Br. 'His Majesty'  
J.E. Fitt; large flowers, orange-yellow with carmine tips on outside.  
F.C.C.-R.H.S. 1919, A.M.-B.C. 1925, F.C.C.-B.C. 1926

**crocosmiiflora** (Burb. & Dean) N.E. Br. 'Jackanapes'  
Bressingham nurseries; flowers yellow and deep orange.

**crocosmiiflora** (Burb. & Dean) N.E. Br. 'James Coey'  
J.E. Fitt; large flowers, vermillion (18) on orange-yellow ground, centre indian-yellow with dark spots.  
A.M.-R.H.S. 1920, A.M.-B.C. 1927

**crocosmiiflora** (Burb. & Dean) N.E. Br. 'Jessie'  
J.E. Fitt; large flowers, burnt-orange (014) fading to claret-rose (021/1) centre yellowish with a ring of light purple-pink spots.  
A.M.-R.H.S. 1923

**crocosmiiflora** (Burb. & Dean) N.E. Br. 'Judith'  
**crocosmiiflora** 'Citronella' x **crocosmiiflora** 'His Majesty'  
Jac.M. van Dijk; flowers large, outer petals orpiment-orange (CC 25a/b), inner petals saffron-yellow (CC 21a) veined orange-yellow outside, orpiment-yellow (CC 25a) with dark red spots inside.

**crocosmiiflora** (Burb. & Dean) N.E. Br. 'Kathleen'  
J.E. Fitt; flowers, large, apricot, yellow centre with dark red spots.  
A.M.-B.C. 1926

**crocosmiiflora** (Burb. & Dean) N.E. Br. 'Lady Hamilton'  
E. Davison; flowers small, yellow, with apricot centre.  
A.M.-R.H.S. 1907, A.M.-B.C. 1910

## CROCOSMIA

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***crocosmiiflora*** (Burb. & Dean) N.E. Br. ‘Lady Oxford’

J.E. Fitt; large flowers, brick-red (016) on orange-yellowish ground, to centre  
chinese-yellow (606), with deep brown-red spots.

***crocosmiiflora*** (Burb. & Dean) N.E. Br. ‘Lady Wilson’

***crocosmiiflora*** ‘Henry VIII’ x ***crocosmiiflora*** ‘His Majesty’

J.E. Fitt; large flowers, uniform cadmium-orange (8).

A.M.-B.C. 1930, A.M.-R.H.S. 1927

***crocosmiiflora*** (Burb. & Dean) N.E. Br. ‘Lord Lambourne’

J.E. Fitt; large flowers, signal-red (519) centre chrome-yellow (605).

A.M.-R.H.S. 1926

***crocosmiiflora*** (Burb. & Dean) N.E. Br. ‘Lucifer’

***crocosmiiflora*** x ***masonorum*** (L. Bolus) N.E. Br. x ***paniculata*** (Klatt)  
Goldblatt

Bressingham Nurseries, 1979; flowers large, tomato-red (CC 44a), outside  
somewhat paler, stem dark bronze-green, resembling ***paniculata*** (Klatt)  
Goldblatt, summer flowering.

***crocosmiiflora*** (Burb. & Dean) N.E. Br. ‘Marcotijn’

J. Zonneveld, 1982; flowers large, brown-red (CC 34b) with orange glow.

***crocosmiiflora*** (Burb. & Dean) N.E. Br. ‘Marjorie’

J.E. Fitt; large flowers, apricot yellow, with red dots; like ***crocosmiiflora*** ‘Queen  
Mary’ but with slighter markings, the petals open perfectly flat.

***crocosmiiflora*** (Burb. & Dean) N.E. Br. ‘Météore’

V. Lemoine, 1887; small flowers, yellow with orange red.

***crocosmiiflora*** (Burb. & Dean) N.E. Br. ‘Minke’

***crocosmiiflora*** ‘Carmin Brilliant’ x ***crocosmiiflora*** ‘Emily McKenzie’

Jac.M. van Dijk, 1987; flowers large, outside saffron-yellow (CC 21a), tipped  
marigold-orange (CC 28c), inside orpiment-yellow (CC 25a), centre chrome-  
yellow (CC 15a), with tomato-red blotches.

***crocosmiiflora*** (Burb. & Dean) N.E. Br. ‘Norwich Canary’

Large flowers, yellow with red.

***crocosmiiflora*** (Burb. & Dean) N.E. Br. ‘Princess’

Jac. M. van Dijk, 1969; large flowers, fire-red (CC 33a,b), centre yellow with  
purple-red dots.

***crocosmiiflora*** (Burb. & Dean) N.E. Br. ‘Princess Mary’ see ***crocosmiiflora***  
(Burb. & Dean) N.E. Br. ‘Queen Mary’

*crocsmiiflora* (Burb. & Dean) N.E. Br. 'Queen Adelaide'

*crocsmiiflora* 'George Henley' x *crocsmiiflora* 'Prometheus'

J.E. Fitt; large flowers, scarlet, yellow centre.

A.M.-B.C. 1913

*crocsmiiflora* (Burb. & Dean) N.E. Br. 'Queen Alexandra'

*crocsmiiflora* 'Queen Boadica' x *crocsmiiflora* 'Pageant'

J.E. Fitt; large flowers, cadmium-orange, red blotches, very sturdy.

A.M.-R.H.S. 1918, A.M.-B.C. 1925

*crocsmiiflora* (Burb. & Dean) N.E. Br. 'Queen Mary'

*crocsmiiflora* 'Princess Mary'

J.E. Fitt; large flowers, light apricot-yellow (609), to the centre lighter and edged purplish.

A.M.-R.H.S. 1918, A.M.-B.C. 1918

*crocsmiiflora* (Burb. & Dean) N.E. Br. 'R.C. Notcutt'

*crocsmiiflora* 'His Majesty' x *crocsmiiflora* 'Tangerine'

J.E. Fitt; flowers large, light orange, yellow centre.

A.M.-R.H.S. 1927, A.M.-B.C. 1930

*crocsmiiflora* (Burb. & Dean) N.E. Br. 'Red King'

Flowers small, red with orange yellow centre.

*crocsmiiflora* (Burb. & Dean) N.E. Br. 'Rheingold'

*crocsmiiflora* 'Rhinegold'

W. Pfitzer, before 1911; large flowers, golden yellow, violet blotch.

A.M.-B.C. 1938

*crocsmiiflora* (Burb. & Dean) N.E. Br. 'Rhinegold' see *crocsmiiflora* (Burb.

& Dean) N.E. Br. 'Rheingold'

*crocsmiiflora* (Burb. & Dean) N.E. Br. 'Sir Matthew Wilson'

*crocsmiiflora* 'Princess' x *crocsmiiflora* 'Queen Charlotte'

J.E. Fitt; large flowers, orange-red, carmine throat.

A.M.-R.H.S. 1928, A.M.-B.C. 1930

*crocsmiiflora* (Burb. & Dean) N.E. Br. 'Solfatare'

V. Lemoine, 1886; flowers pale yellow.

*crocsmiiflora* (Burb. & Dean) N.E. Br. 'Spitfire'

*crocsmiiflora* x *masonorum* (L. Bolus) N.E. Br. x *paniculata* (Klatt) Goldblatt

Bressingham Nurseries; flowers large, fiery orange.

*crocsmiiflora* (Burb. & Dean) N.E. Br. 'Star of East'

G. Davison; large flowers, saturn-red orange, creamy, yellow centre.

F.C.C.-B.C. 1913, F.C.C.-R.H.S. 1913

## CROCOSMIA

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**crocosmiiflora** (Burb. & Dean) N.E. Br. 'Trigidie'

V. Lemoine, 1891; small flowers, yellow, orange centre.

**crocosmiiflora** (Burb. & Dean) N.E. Br. 'Una'

J.E. Fitt; large flowers, pale orange with red on the outside, and red blotches.  
A.M.-R.H.S. 1919, A.M.-B.C. 1927

**crocosmiiflora** (Burb. & Dean) N.E. Br. 'Venus'

**crocosmiiflora** 'Carmine Brilliant' x **crocosmiiflora** 'Météore'

Jac.M. van Dijk; outer petals and flower-tube mandarin red (CC 40c), inner petals dark buttercup yellow (CC 15a), inside Indian-yellow (CC 17c), tipped nasturtium-red.

**crocosmiiflora** (Burb. & Dean) N.E. Br. 'Vesuvius'

W. Pfitzer, 1907; small flowers, blood red, late flowering.

**crocosmiiflora** (Burb. & Dean) N.E. Br. 'Victoria'

Mrs. C.J.M. Ursem, 1988; flowers large, indian-orange (CC 32a), throat lemon-yellow, (CC 13a), edged tomato-red (CC 44c).

**crocosmiiflora** (Burb. & Dean) N.E. Br. 'Vulcan'

**crocosmiiflora** x **masonorum** (L. Bolus) N.E. Br. x **paniculata** (Klatt)  
Goldblatt

Bressingham Nurseries, 1977; flowers large, very bright burnt orange.

'Imperialis' see **aurea** (Hook.) Planchon 'Imperialis'

**masonorum** (L. Bolus) N.E. Br.

*Tritonia masonorum* L. Bolus

S Africa (Transkei), descr. 1896, intr. 1955; flowers large, saturn-red (13) to bright scarlet, height 50-125 cm., July flowering. (2n=22)

A.M.-B.C. 1955, F.C.C.-B.C. 1957, A.M.-R.H.S. 1957, F.C.C.-R.H.S. 1963

**masonorum** (L. Bolus) N.E. Br. 'Firebird'

improved selection of **masonorum**

Bressingham Nurseries, 1981; flowers large, richly coloured, flame orange.

**paniculata** (Klatt) Goldblatt

*Antholyza paniculata* Klatt, *Curtonus paniculatus* (Klatt) N.E. Br.

S Africa (E Transvaal, NE Orange Free State, Natal), Lesotho, Swaziland, 1971; flower orange-red, rusty red or brownish-orange, height 100-130 (180) cm, summer flowering. (2n=22)

**pottsii** (Baker) N.E. Br.

*Tritonia pottsii* Baker, *Montbretia pottsii* (Baker) Baker

S Africa, 1932; flower bright deep orange or orange-yellow, flushed brick-red outside, height 70-120 cm, summer flowering. (2n=22)

**CROCUS****Crocus L.**

Family: Iridaceae

Literature: The European garden flora I: 361-369, 1986; B. Mathew, The Crocus. A revision of the genus *Crocus* (Iridaceae), 1982.*abantensis* Baytop & B. Mathew

Turkey, 1975; throat yellow, flowers mid to deep blue, April flowering. (2n=16)

*adamii* Gay see *biflorus* Miller ssp *adamii* (Gay) B. Mathew'Advance' see *chrysanthus* (Herbert) Herbert 'Advance'*aerius* misapplied see *biflorus* Miller ssp *pulchricolor* (Herbert) B. Mathew'Aitchinsonii' see *speciosus* M. Bieb. 'Aitchinsonii'*alatavicus* Regel & Sem.-Tjan

USSR, W China (C Asia), 1868; throat yellow, flowers white, outside speckled and veined blackish-violet or purple on white or rarely yellowish ground, March-May flowering. (2n=20)

*albiflorus* Kit. see *vernus* (L.) A.J. Hill ssp *albiflorus* (Schultes) Asch. & Graebner*albiflorus* Schultes see *vernus* (L.) A.J. Hill ssp *albiflorus* (Schultes) Asch. & Graebner'Albus' see *biflorus* Miller ssp *weldenii* (Hoppe & Fürnr.) B. Mathew 'Albus''Albus' see *cancellatus* Herbert 'Albus''Albus' see *cartwrightianus* Herbert 'Albus''Albus' see *goulimyi* Turrill 'Albus''Albus' see *kotschyanus* K. Koch 'Albus''Albus' see *laevigatus* Bory & Chaub. 'Albus''Albus' see *serotinus* Salisb. ssp *salzmannii* (Gay) B. Mathew 'Albus''Albus' see *sieberi* Gay 'Albus''Albus' see *speciosus* M. Bieb. 'Albus''Albus' see *tommasinianus* Herbert 'Albus'*alexandri* Velen. see *biflorus* Miller ssp *alexandri* (Velen.) B. Mathew*ancyrensis* (Herbert) Maw

C &amp; N Turkey, 1879; throat yellow, flowers bright yellow or orange sometimes stained purple at base, February-April flowering. (2n=10)

## CROCUS

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*ancyrensis* (Herbert) Maw ‘Golden Bunch’

Throat yellow, flowers inside tangerine-orange (9) fading to saffron-yellow (7), outside maize-yellow (607), free flowering early. ( $2n=10$ )

A.M.-B.C 1943, A.M.-R.H.S. 1955

*angustifolius* Weston

*angustifolius* Weston ‘Cloth of Gold’, *susianus* Ker Gawler

USSR (Crimea, S Ukraine), NE Turkey, descr. 1587; throat yellow, flowers inside yellow, outside phlox-purple (632/1), heavily suffused or striped with purplish brown, February flowering. ( $2n=12, 15$ )

A.G.M.-R.H.S. 1928

*angustifolius* Weston ‘Minor’

Paxton; flowers deep Indian-yellow, striped and tinged bronze purple on reverse, February-March flowering; free flowering dwarf form of *angustifolius* Weston.

A.M-R.H.S. 1977

*annulatus* Herbert see *biflorus* Miller ssp *adamii* (Gay) B. Mathew

*annulatus* Sprengel & Link see *biflorus* Miller ssp *adamii* (Gay) B. Mathew

*annulatus* Sprengel & Link var *biflorus* Herbert see *biflorus* Miller ssp *biflorus*

*annulatus* Sprengel & Link var *chrysanthus* (Herbert) Herbert see *chrysanthus* (Herbert) Herbert

*antalyensis* B. Mathew

W Turkey, 1972; throat yellow, flowers pale to deep lilac-blue or white, outside with bluish suffusion on base, sometimes buff-coloured, flecked or striped with violet or greyish violet, February-March flowering. ( $2n=8$ )

*aphyllus* Ker Gawler see *nudiflorus* Smith

‘*Ard Schenk*’ see *chrysanthus* (Herbert) Herbert ‘*Ard Schenk*’

*argenteus* Sabine see *biflorus* Miller ssp *biflorus*

‘*Artabir*’ see *speciosus* M. Bieb. ‘*Artabir*’

*asturicus* Herbert see *serotinus* Salisb. ssp *salzmannii* (Gay) B. Mathew

*asumaniae* B. Mathew & Baytop

S Turkey, 1979; throat yellow, white or pale, flowers white, occasionally with dark veins near base of segments, rarely pale lilac, October-November flowering. ( $2n=26$ )

*athous* Bornm. see *sieberi* Gay ssp *sublimis* (Herbert) B. Mathew

‘*Atropurpureus*’ see *serotinus* Salisb. ssp *salzmannii* (Gay) B. Mathew  
‘*Atropurpureus*’

*'Aubade'* see *chrysanthus* (Herbert) Herbert '*Aubade*'

*aucheri* Boiss. see *olivieri* Gay ssp *olivieri*

*aureus* Sibth. & Smith see *flavus* Weston ssp *flavus*

*balansae* Baker see *olivieri* Gay ssp *balansae* (Baker) B. Mathew

*balcanensis* Janka see *veluchensis* Herbert

***banaticus*** Gay

*byzantinus* Herbert, *iridiflorus* Reichb.

C, W & NW Rumania, NE Yugoslavia, SW Ukraine, 1831; throat lilac, flowers lilac to purple, slightly veined darker, inside often paler than outside, inner segments very small compared with outer segments at apex, September-October flowering. ( $2n=26$ )

A.M.-R.H.S. 1973

*banaticus* Heuffel see *vernus* (L.) A.J. Hill ssp *vernus*

*'Barr's Purple'* see *tommasianus* Herbert '*Barr's Purple*'

***baytopiorum*** B. Mathew

SW Turkey, 1974; flowering in various shades of turquoise-blue, faint violet-blue line on outside, throat same colour or whitish, January-April flowering. ( $2n=28$ )

***biflorus*** Miller ssp *adamii* (Gay) B. Mathew

*adamii* Gay, *annulatus* Herbert, *annulatus* Sprengel & Link, *biflorus* Miller var *violaceus* Boiss., *biflorus* Miller var *taurica* Trautv., *geghartii* Sosn., *tauricus* (Trautv.) Pur.

Balkan, NW Turkey, USSR (Crimea), Caucasus, N Iran, 1831; throat yellow, flowers rich full purple-lilac, sometimes white, outside greyish buff in ground colour, with 3-5 purple stripes, February-April flowering. ( $2n=18, 20, 22$ )

***biflorus*** Miller ssp *alexandri* (Velen.) B. Mathew

*alexandri* Velen.

SW Bulgaria, S Yugoslavia, 1894; throat not yellow, flowers inside white, outside heavily stained with violet, February-March flowering. ( $2n=8$ )

F.C.C.-R.H.S. 1987

***biflorus*** Miller ssp *biflorus*

*annulatus* Herbert var *biflorus* Herbert, *argenteus* Sabine, *biflorus* Miller var *parkinsonii* Sabine, *circumscissus* Haw., *praecox* Haw., *pusillus* Ten.

Italy, Sicily, Rhodes, NW Turkey, intr. 1629; throat yellow, flowers inside white or lilac, outside usually conspicuously striped purple or brown, February-March flowering. ( $2n=8, 10$ )

## CROCUS

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**biflorus** Miller ssp *crewei* (J.D. Hook.) B. Mathew

*crewei* J.D. Hook., *tauri* Maw var *melanthorus* Baker

W Turkey, Syros Island, Cyclades, 1875; throat yellow, flowers inside white or lilac, outside usually conspicuously striped with purple or brown, March-April flowering. (2n=10)

**biflorus** Miller ssp *isaureus* (Bowles) B. Mathew

*isaureus* Bowles

S Turkey, 1924; throat yellow, flowers white to lilac veined or speckled purple or grey-purple on reverse, March-April flowering. (2n=8, 10, 12)

**biflorus** Miller 'Kittiwake'

Flowers inside white, outside purple blue. (2n=15)

**biflorus** Miller ssp *melantherus* (Boiss. & Orph.) B. Mathew

*crewei* misapplied, *melantherus* Boiss. & Orph.

S Greece; throat yellow, flowers inside white, with conspicuous purple or greyish stripes or speckling, October-November flowering. (2n=12)

A.M.-R.H.S. 1981

**biflorus** Miller 'Miss Vain'

*biflorus* ssp *weldenii* (Hoppe & Fürnr.) B. Mathew 'Purity'

(P.B. van Eeden) H. Pennings, 1962; flowers inside white, throat near base greyish white, filament light orange, style dark orange, outside of ivory white base petals vaguely pale blue spotted.

T.G.A.-B.C. 1962

*biflorus* Miller var *parkinsonii* Sabine see **biflorus** Miller ssp **biflorus**

**biflorus** Miller ssp *pulchricolor* (Herbert) B. Mathew

*aerius* misapplied

NW Turkey, 1845; throat deep yellow, flowers usually rich blue-violet often darker towards base of lobes, outside normally not striped, with large deep yellow zone in centre, April-June flowering.

*biflorus* Miller var *taurica* Trautv. see **biflorus** Miller ssp *adamii* (Gay) B. Mathew

*biflorus* Miller var *violaceus* Boiss. see **biflorus** Miller ssp *adamii* (Gay) B. Mathew

**biflorus** Miller ssp *weldenii* (Hoppe & Fürnr.) B. Mathew

*weldenii* Hoppe & Fürnr.

W Yugoslavia, N Albania, NE Italy, 1840; throat not yellow, flowers plain white, outside sometimes flushed with pale blue base, February-March flowering. (2n=8)

A.M.-R.H.S. 1956

**biflorus** Miller ssp *weldenii* (Hoppe & Fürnr.) B. Mathew 'Albus'

Flowers pure white, slender.

A.M.-B.C. 1939

**biflorus** Miller ssp *weldenii* (Hoppe & Fürnr.) B. Mathew 'Fairy'

Tubergen; flowers inside white with purple blotch, outer petals sprinkled methyl-violet (39/3), inner petals white.

A.M.-R.H.S. 1956

**biflorus** Miller ssp *weldenii* (Hoppe & Fürnr.) B. Mathew 'Purity' see **biflorus**

Miller 'Miss Vain'

'Big Ben' see **vernus** (L.) A.J. Hill 'Big Ben'

'Bishop' see **vernus** (L.) A.J. Hill 'Bishop'

'Bloemfontein' see **chrysanthus** (Herbert) Herbert 'Bloemfontein'

'Blue Bird' see **chrysanthus** (Herbert) Herbert 'Blue Bird'

'Blue Butterfly' see **chrysanthus** (Herbert) Herbert 'Blue Butterfly'

'Blue Giant' see **chrysanthus** (Herbert) Herbert 'Blue Giant'

'Blue Jacket' see **chrysanthus** (Herbert) Herbert 'Blue Jacket'

'Blue Pearl' see **chrysanthus** (Herbert) Herbert 'Blue Pearl'

'Blue Peter' see **chrysanthus** (Herbert) Herbert 'Blue Peter'

'Blue Princess' see **chrysanthus** (Herbert) Herbert 'Blue Princess'

'Blue Ribbon' see **vernus** (L.) A.J. Hill 'Blue Ribbon'

'Blue Throat' see **chrysanthus** (Herbert) Herbert 'Blue Throat'

'Blue Triumphator' see **vernus** (L.) A.J. Hill 'Blue Triumphator'

'Bobbo' see **tommasianus** Herbert 'Bobbo'

**boryi** Gay

*cretensis* Koern., *ionicus* Herbert, *marathonisius* Heldr.

W & S Greece, SE Crete, 1831; throat deep yellow, flowers creamy white, occasionally faintly veined purple or rarely suffused with pale purple, September-December flowering. (2n=30)

**Bowles** see **chrysanthus** (Herbert) Herbert 'E.A. Bowles'

**Bowles** see **chrysanthus** (Herbert) Herbert 'E.P. Bowles'

'Bowles' White' see **sieberi** Gay 'Bowles' White'

'Brassband' see **chrysanthus** (Herbert) Herbert 'Brassband'

## CROCUS

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- 'Bullfinch'* see *chrysanthus* (Herbert) Herbert '**Bullfinch**'
- 'Buttercup'* see *chrysanthus* (Herbert) Herbert '**Buttercup**'
- byzantinus* Herbert see *banaticus* Gay
- caeruleus* Weston see *vernus* (L.) A.J. Hill ssp *albiflorus* (Schultes) Asch. & Graebner
- campestris* Herbert see *pallasii* Goldb. ssp *pallasii*
- 'Canary Bird'* see *chrysanthus* (Herbert) Herbert '**Canary Bird**'
- cancellatus** Herbert '**Albus**'  
Tubergen; flowers white, outside grey, autumn flowering.
- cancellatus** Herbert ssp **cancellatus**  
*cancellatus* var *cilicicus* (Maw) Maw, *cancellatus* var *kotschianus* Herbert, *cilicicus* Maw,  
S Turkey, W Syria, Lebanon, N Israel, 1841; throat pale yellow, flowers pale to mid lilac-blue, usually veined with violet, autumn flowering.
- cancellatus* Herbert var *cilicicus* (Maw) Maw see **cancellatus** Herbert ssp **cancellatus**
- cancellatus* Herbert var *kotschianus* Herbert see **cancellatus** Herbert ssp **cancellatus**
- cancellatus** Herbert ssp **mazziaricus** (Herbert) B. Mathew  
*schimperi* Baker, *mazziaricus* Herbert, *spruneri* Boiss. & Heldr.  
S Yugoslavia, Greece, S & W Turkey, 1845; throat pale yellow, flowers creamy white to deep lilac-blue often veined darker, September-November flowering. (2n=16, 18)
- cancellatus** Herbert ssp **pamphylicus** B. Mathew  
S Turkey, 1882; throat deep yellow or orange, flowers white or pale lilac, usually veined at base of outer segments, stamens white, November flowering. (2n=12)
- candidus** C.B. Clarke  
*kirkii* Maw  
NW Turkey, 1812; throat yellow, flowers white, outside spotted and suffused blue, grey or violet, February-March flowering. (2n=6)
- candidus** C.B. Clarke '**Subflavus**'  
Tubergen; flowers amber-yellow (505) suffused and finely speckled greyish brown on reverse, March-April flowering; probably a hybrid form of *olivieri* Gay. (2n=6)
- cartwrightianus** Herbert  
Greece (Attica, Crete, Cyclades), 1843; throat lilac-purple, flowers white or lilac-purple, strongly veined darker, October-December flowering. Very much like *sativus* L. (2n=16)

**cartwrightianus** Herbert 'Albus'

Tubergen; flowers white, pistils red.

Most stocks grown under this name are **hadriaticus** Herbert

'Cassiope' see **speciosus** M. Bieb. 'Cassiope'

**chrysanthus** (Herbert) Herbert

*annulatus* Herbert var *chrysanthus* Herbert, *croceus* K. Koch, *skorpilii* Velen. Balkan, 1843; throat yellow, flowers yellow to orange-yellow (4/2), outside sometimes striped or suffused with bronze or purple, February-April flowering. (2n=8-10, 12-14, 16, 18-20)

A.G.M.-R.H.S. 1963

**chrysanthus** (Herbert) Herbert 'Advance'

*biflorus* Miller x **chrysanthus**

G.H. Hageman, flowers inside buttercup-yellow (5/1), outside straw-yellow (604/2), base violet-bronze, outer petals campanula-violet (37/1). (2n=9)  
A.M.-B.C. 1953, F.C.C.-B.C. 1954, A.M.-R.H.S. 1965

**chrysanthus** (Herbert) Herbert 'Ard Schenk'

C.M. Berbee; flowers inside white, each petal with a short green vein, centre bronze-yellow outside white, bronze blotch fading into blue.

**chrysanthus** (Herbert) Herbert 'Aubade'

C.M. Berbee, 1959; flowers inside white with yellow centre, outside white.

**chrysanthus** (Herbert) Herbert 'Bloemfontein'

C.M. Berbee, 1958; flowers inside white with deep yellow centre, outside white, flower-tube greyish blue fading into dauphin's violet (CC 90) blotch, inner petals without such blotch.

**chrysanthus** (Herbert) Herbert 'Blue Bird'

G.H. Hageman; throat deep yellow, flowers inside white with light yellow centre, outer petals dauphin's-violet (039) with white margin, inner petals white with bronzy base, spring flowering. (2n=18)

A.M.-B.C. 1954; F.C.C.-B.C. 1955

**chrysanthus** (Herbert) Herbert 'Blue Butterfly'

H.D.Mc. Edelsten; flowers dark purple.

A.M.-B.C. 1953, A.M.-R.H.S 1925

**chrysanthus** (Herbert) Herbert 'Blue Giant'

G.H. Hageman; flowers outside dauphin's-violet (039/2), base bronzy yellow and feathered inside lighter coloured with large yellow centre.

A.M.-R.H.S. 1957

## CROCUS

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### **chrysanthus (Herbert) Herbert 'Blue Jacket'**

C.M. Berbee, 1959; flowers inside bluish-white with yellow centre, flower-tube bluish purple, outside outer petals blue with pointed blotch, inner petals pale bluish white.

### **chrysanthus (Herbert) Herbert 'Blue Pearl'**

G.H. Hageman; throat deep yellow, flowers outside light lobelia-blue (14/3) deeper to the bronzy yellow base, inside lighter with white margin and yellow centre, spring flowering. (2n=8)

A.M.-B.C. 1950, F.C.C.-B.C. 1953, A.M.-R.H.S. 1965

### **chrysanthus (Herbert) Herbert 'Blue Peter'**

Tubergen; outer petals spectrum-violet (735), feathering into wisteria-blue margin (640/2), base bronzy, inner petals uniform spectrum-violet, inside same colour with large yellow centre, February-March flowering. (2n=8)

H.C.-R.H.S. 1965; A.M.-R.H.S. 1966

### **chrysanthus (Herbert) Herbert 'Blue Princess'**

P. de Jager & Sons, 1973; flowers inside petals edged wisteria-blue (CC 92a) to centre paler, centre pale golden yellow, outside inner petals lobelia-blue (CC 91c), outer petals hyacinth-blue (CC 91a).

### **chrysanthus (Herbert) Herbert 'Blue Throat'**

E.A. Bowles; flowers white. Status uncertain.

### **chrysanthus (Herbert) Herbert 'Brassband'**

P.B. van Eeden, 1972; flowers inside straw-yellow (CC 13c) with tawny glow, centre aureolin outside naples-yellow (CC 11a) with bronzy green veined blotch. T.G.A.-B.C. 1972

### **chrysanthus (Herbert) Herbert 'Bullfinch'**

E.A. Bowles; throat orange, flowers inside pure white, outside creamy-yellow richly feathered crimson-purple.

A.M.-R.H.S. 1924

### **chrysanthus (Herbert) Herbert 'Buttercup'**

Tubergen, 1952; flowers indian-yellow (6), bronzy base, striped and feathered brown to tips of outer petals.

T.G.A.-B.C. 1959

### **chrysanthus (Herbert) Herbert 'Canary Bird'**

Tubergen; flowers cadmium-orange (8/1), suffused and feathered purplish brown. (2n=9)

### **chrysanthus (Herbert) Herbert 'Constellation'**

P.B. van Eeden, 1971; flowers inside tawny-yellow (CC 162c) centre pale golden-yellow outside tawny-yellow (CC 162c) feathered pale brown-green. T.G.A.-B.C. 1971

**chrysanthus (Herbert) Herbert 'Cream Beauty'**

G.H. Hageman; entirely naples-yellow (403) with sprinkled bronze-greenish base, deep purple margined, February-March flowering. (2n=8)  
A.M.-B.C. 1943; F.C.C.-B.C. 1953; A.M.-R.H.S. 1962; F.C.C.-R.H.S. 1965

**chrysanthus (Herbert) Herbert 'Crescendo'**

C.M. Berbee, 1970; flowers outer petals feathered lilac on whitish ground, base blotch greyish lilac, inner petals white with translucent stripes, flowers large, flower-tube sprinkled purple.

**chrysanthus (Herbert) Herbert 'Cum Laude'**

C.M. Berbee, 1957; flowers large, inside lemon-yellow (CC 13b), outside straw-yellow (CC 13c) outer petals purple-blue blotch with feathered edge, inner petals with short grey-green sprinkled blotch.

**chrysanthus (Herbert) Herbert 'Cupido'**

C.M. Berbee; flowers small, inside white with yellow centre, outside white outer petals greyish-yellow sprinkled blotch with a narrow blue spot.

**chrysanthus (Herbert) Herbert 'Dandy'**

P. de Jager, 1960; flowers inside barium-yellow (CC 10) to the edge deep bronze-brown, outside pale yellow, outer petals striped mauvette, inner petals with bronze blotch.

**chrysanthus (Herbert) Herbert 'Distinction'**

P. de Jager, 1973; flowers inside lobelia-blue (CC 91c) with darker veins, centre yellow-ochre, outside outer petals striped wisteria-blue on white bluish ground, inner petals wisteria-blue.

**chrysanthus (Herbert) Herbert 'Dorothy'**

Barr & Sons; flowers light yellow, outside striped bronzy, anthers with blackish basal tips which are absent in 'Fuscotinctus'.

**chrysanthus (Herbert) Herbert 'E.A. Bowles'**

Tubergen; flowers oblong, lemon-yellow (4), bronzy green base with purplish feathered margins; flowers larger than chrysanthus 'E.P. Bowles'. (2n=8)  
A.M.-B.C. 1931, F.C.C.-B.C. 1933, A.M.-R.H.S. 1913, F.C.C.-R.H.S. 1965

**chrysanthus (Herbert) Herbert 'Elegance'**

P.B. van Eeden, 1985; flowers inside bright lemon-yellow (CC 13a), outside inner petals lemon-yellow (CC 12b) with grey-brown base spots, outer petals dull grey-brown (CC 177b) with lemon-yellow edge.

T.G.A.-B.C. 1985

**chrysanthus (Herbert) Herbert 'Elegant'**

C.M. Berbee, 1961; flowers inside pale-violet with bronze centre, outside violet edged paler, inner petals with deep blue blotch.

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### **chrysanthus (Herbert) Herbert 'E.P. Bowles'**

Tubergen; flowers lemon-yellow (4), bronzy base extending to purplish brown blotch; flowers smaller than **chrysanthus 'E.A. Bowles'**.

### **chrysanthus (Herbert) Herbert 'Eye-catcher'**

P.B. van Eeden, 1971; flowers inside greyish white, centre empire-yellow, outside inner petals greyish white with purple base and with small white edge, outer petals dark plum-purple (CC 79a), anthers pale yellow. (2n=8)  
T.G.A.-B.C. 1971; A.M.-B.C. 1972

### **chrysanthus (Herbert) Herbert 'Frost Bound'**

P. de Jager & Sons, 1973; flowers inside white, centre translucent greyish green, outside inner petals ivory white, flower-tube with small bluish blotch on white ground ,outer petals ivory white, tipped naples yellow (CC 11c).

### **chrysanthus (Herbert) Herbert 'Fuscotinctus'**

Tubergen; flowers inside chinese-yellow (606), outer petals entirely striped and feathered plum-purple (934) on lemon-yellow ground (4), base bronzy, basal tips of anthers absent, in contrast to **chrysanthus 'Dorothy'**.

A.M.-B.C. 1931

### **chrysanthus (Herbert) Herbert 'Gipsy Girl'**

G.H. Hageman; flowers large, aureolin (3/1), outer petals striped and feathered purplish brown, February-March flowering.

A.M.-B.C. 1960; A.M.-R.H.S. 1967; F.C.C.-R.H.S. 1967

### **chrysanthus (Herbert) Herbert 'Glory of Breezand'**

C.M. Berbee, 1957; flowers large, inside aureolin (CC 12) with deep yellow centre, outside aureolin (CC 12), flowers tube and blotch sprinkled purple.

### **chrysanthus (Herbert) Herbert 'Goldene Sonne'**

G.H. Hageman; flowers uniform buttercup-yellow (5), base bronzy green with narrow purple stripes.

A.M.-B.C. 1944

### **chrysanthus (Herbert) Herbert 'Goldfasan'**

C.M. Berbee, 1970; flowers inside uniform yellow, outside inner petals dresden-yellow (CC 5), with pale yellow-brown base blotch, flower-tube white spotted purple, outer petals dresden-yellow (CC 5).

### **chrysanthus (Herbert) Herbert 'Goldilocks'**

Barr & Sons, 1950; flowers deep yellow, rounded petals, purple brown base.  
H.C.-R.H.S. 1965; A.M.-R.H.S. 1967

### **chrysanthus (Herbert) Herbert 'Grand Gala'**

C.M. Berbee, 1958; flowers large, inside aureolin (CC 3) with deep yellow centre, outside mimosa-yellow (CC 8), flower-tube sprinkled purple-green turning into purple feathers on three outer petals.

**chrysanthus (Herbert) Herbert 'Harlequin'**

Tubergen, 1954; flowers empire-yellow (603/1), all petals with bronzy base, outer petals entirely striped and feathered aconite-violet (937).

T.G.A.-B.C. 1959

**chrysanthus (Herbert) Herbert 'Herald'**

P.B. van Eeden, 1971; flowers inside dresden-yellow (CC 5d), centre aureolin (CC 12b), outside inner petals primrose-yellow (CC 2d), flower-tube pale bronze green, outer petals outer petals plum-purple (CC 79c), with small pale yellow edge, anthers pale yellow.

T.G.A.-B.C. 1971; A.M.-B.C. 1972

**chrysanthus (Herbert) Herbert 'Ivory Glory'**

G.H. Hageman, 1950; outside pale mimosa-yellow (505/1), inner petals white on yellow feet, inside with yellow centre.

A.M.-R.H.S. 1966

**chrysanthus (Herbert) Herbert 'Jeannine'**

Tubergen, 1973; throat bronze-coloured, flowers inside mimosa-yellow (CC 8c/d), centre ochreous, outside inner petals mimosa-yellow, outer petals feathered plum-purple (CC 79b) edged mimosa-yellow (CC 8d), February-March flowering.

**chrysanthus (Herbert) Herbert 'Jester'**

H.D. Mc. Edelsten; flowers sunflower-yellow, outside striped purple.  
A.M.-B.C. 1953

**chrysanthus (Herbert) Herbert 'Johan Cruyff'**

C.M. Berbee, 1959; flowers inside inner petals blue, outer petals heliotrope, centre deep yellow, outside heliotrope with bronze blotches.

**chrysanthus (Herbert) Herbert 'Ladykiller'**

G.H. Hageman; flowers inside pale lilac white, outside purple violet with white margin. (2n=8)  
A.M.-B.C. 1953, F.C.C.-B.C. 1953, A.M.-R.H.S. 1965

*chrysanthus (Herbert) Herbert 'Large Warley White'* see **chrysanthus (Herbert) Herbert 'Warley'**

**chrysanthus (Herbert) Herbert 'Lemon Queen'**

Barr & Sons; flowers primrose-yellow, outside bluish.  
A.M.-R.H.S. 1915

**chrysanthus (Herbert) Herbert 'Lentejuweel'**

C.M. Berbee, 1957; flowers large, inside uniform aureolin (CC 3) with deep yellow basal blotches outside aureolin (CC 3), flower-tube sprinkled purple-brown with oval blotches, 3 outer petals with short brown feathers.

**chrysanthus (Herbert) Herbert 'Lilliputanner'**

C.M. Berbee, 1959; flowers inside white with yellow basal blotches, outside the blotch with slightly more pronounced lilac-blue edge and feathered sharper; colour like chrysanthus 'Symphonia'.

**chrysanthus (Herbert) Herbert 'Magic'**

P. de Jager & Sons, 1973; flowers large, inside lemon-yellow (CC 14b) centre ochre-yellow, outside inner petals lemon-yellow, flower-tube pale bronze yellow, outer petals purplish feathered on lemon-yellow (CC 14c) ground.

**chrysanthus (Herbert) Herbert 'Mannequin'**

C.M. Berbee, 1959; flowers inside pale yellow with darker centre, outside creamy-yellow, flower-tube sprinkled grey-blue.

**chrysanthus (Herbert) Herbert 'Mariette'**

Tubergen, 1956; flowers lemon-yellow (4), base bronzy, outer petals striped and feathered maroon (1030), not on their margins, inside softer yellow.

T.G.A.-B.C. 1959, H.C.-R.H.S. 1965

**chrysanthus (Herbert) Herbert 'Marion'**

Hageman, 1953; flowers inside straw-yellow, outside purple.

F.C.C.-B.C. 1954

**chrysanthus (Herbert) Herbert 'Moonlight'**

Tubergen; flowers uniform straw-yellow (604/2), bronzy base extending to purple feathering.

A.M.-R.H.S. 1924, A.M.-B.C. 1931, F.C.C.-B.C. 1933

**chrysanthus (Herbert) Herbert 'Morning Star'**

G.H. Hageman; flowers inside white with bronze yellow centre, outside barium-yellow, spotted purple.

A.M.-B.C. 1954

**chrysanthus (Herbert) Herbert 'Mystic'**

P. de Jager, 1973; flowers inside inner petals aureolin (CC 12c) centre brown, outer petals amethyst-violet (CC 84c) on tawny-yellow ground, outside inner petals tawny-yellow (CC 162c) with purplish reflection, flower-tube bronze green, outer petals with delicate violet veins on barium-yellow ground, to the edges amethyst-violet.

**chrysanthus (Herbert) Herbert 'Nanette'**

Tubergen; flowers large, inside uniform naples-yellow (403), outside canary-yellow (2/3) outer petals with a royal-purple (834) blotch.

A.M.-B.C. 1949, H.C.-R.H.S. 1965

**chrysanthus (Herbert) Herbert 'Olympiade'**

C.M. Berbee, 1971; flowers small, inside uniform white, outside white with small grey-lilac basal blotch fading into deep purple feathers with transverse, edges white, flowers tube sprinkled lilac-grey.

**chrysanthus (Herbert) Herbert 'Palette'**

C.M. Berbee, 1957; flowers inside white with small yellow centre, outside white, at the base of flower-tube slightly sprinkled grey-blue.

**chrysanthus (Herbert) Herbert 'Parade'**

C.M. Berbee, 1959; flowers rather large, inside milk-white, outside bluish-white, flower-tube and blotch sprinkled blue.

**chrysanthus (Herbert) Herbert 'Paradiso'**

C.M. Berbee, 1959; flowers inside white with small yellow centre, outside white, flower-tube sprinkled grey-blue, outer petals with 5 short blue stripes.

**chrysanthus (Herbert) Herbert 'Plaisir'**

P. de Jager & Sons, 1973; flowers inside naples-yellow (CC 11c) with purple translucent, centre indian-yellow (CC 17c), outside inner petals mimosa-yellow (CC 8d), outer petals aster-violet (CC 87c), flower-tube naples-yellow.

**chrysanthus (Herbert) Herbert 'Prins Claus'**

C.M. Berbee, 1959; flowers large, inside white with translucent markings, outside white outer petals with oval blue blotch, edge white.

**chrysanthus (Herbert) Herbert 'Prinses Beatrix'**

G.H. Hageman; flowers clear lobelia-blue, golden yellow base. (2n=8)  
A.M.-B.C. 1953, F.C.C.-B.C. 1955, A.M.-R.H.S. 1965

**chrysanthus (Herbert) Herbert 'Reverence'**

P. de Jager, 1973; flowers large, inside yellowish white with purple-violet translucent, centre bronze yellow, outside inner petals cream-white, flower-tube bronze yellow, outer petals feathered purplish violet, edged white.

**chrysanthus (Herbert) Herbert 'Rising Sun'**

C.M. Berbee, 1959; flowers inside yellow with darker centre, outside uniform straw-yellow, to the base somewhat darker.

**chrysanthus (Herbert) Herbert 'Romance'**

P. de Jager & Sons, 1973; flowers inside chrome-yellow (CC 15c), outside inner petals chrome and lemon-yellow (CC 14d/c), outer petals cream-yellowish.

**chrysanthus (Herbert) Herbert 'Ruby Gown'**

P. de Jager & Sons, 1973; flowers inside inner petals lemon-yellow (CC 14c) with translucent centre, outer petals tawny-yellow (CC 162b), outside inner petals naples-yellow, flower-tube pale bronze yellow, outer petals beetroot-purple (CC 91a) on yellow ground.

**chrysanthus (Herbert) Herbert 'Saturnus'**

G.H. Hageman; flowers dark yellow, outside striped dark purple, very early flowering. (2n=8)

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**chrysanthus (Herbert) Herbert 'Skyline'**

**chrysanthus 'Blue Bird' x chrysanthus 'Jester'**

P.B. van Eeden, 1972; flowers inside inner petals lobelia-blue (CC 91d) nearly white, outer petals wisteria-blue (CC 92c), outside pale wisteria-blue (CC 91d), veined violet (CC 86d).

T.G.A.-B.C. 1972

**chrysanthus (Herbert) Herbert 'Snowbunting'**

E.A. Bowles; flowers white, greyish feathers outside, centre bronze-yellow.  
(2n=8)

A.M.-B.C. 1939, F.C.C.-R.H.S. 1925

**chrysanthus (Herbert) Herbert 'Snowwhite'**

G.H. Hageman; flowers medium sized and oval, white, outer petals somewhat purple feathered, centre brownish yellow.

T.G.A.-B.C. 1959, A.M.-B.C. 1961, A.M.-R.H.S. 1966

**chrysanthus (Herbert) Herbert 'Solfatare'**

G.H. Hageman; flowers large, empire-yellow (603/3), base sprinkled greyish green yellow centre.

A.M.-B.C. 1953, F.C.C.-B.C. 1954

**chrysanthus (Herbert) Herbert 'Solo'**

C.M. Berbee, 1959; flowers large, inside pale bluish white with yellow centre outside flax-blue (CC 95c), outer petals from the grey-blue base turning into 7 feathers purple-blue, fading into a lighter shade above.

**chrysanthus (Herbert) Herbert 'Spotlight'**

G.H. Hageman; flowers large, inside straw-yellow (604), outside outer petals with 7 longitudinal stripes connected by narrow feathers, inner petals straw-yellow (604).

A.M.-B.C. 1960

**chrysanthus (Herbert) Herbert 'Spring Pearl'**

**chrysanthus 'Goldilocks' x chrysanthus 'Blue Pearl'**

P.B. van Eeden, 1972; flowers inside barium-yellow (CC 10b), centre buttercup-yellow (CC 16c), outside barium-yellow (CC 10c), from the base a purple bronze feathered blotch.

**chrysanthus (Herbert) Herbert 'Spring Song'**

G.H. Hageman; flowers outside buttercup-yellow (5), base brownish sprinkled, inconspicuously feathered, flower-tube purple-brown, inside uniform buttercup-yellow (5).

A.M.-B.C. 1960

**chrysanthus (Herbert) Herbert 'Sulphur Glory'**

P. van Kooten, 1946; flowers inside aureolin (3/3), outside aureolin (3/3), base greenish sprinkled.

**chrysanthus (Herbert) Herbert 'Sunkist'**

P.B. van Eeden, 1971; flowers inside aureolin (CC 12a), outside aureolin (CC 12c) flower-tube feathered pale bronze-green, anthers yellow.

T.G.A.-B.C. 1971, A.M.-B.C. 1972

**chrysanthus (Herbert) Herbert 'Sunset'**

G.H. Hageman; flowers outside indian-yellow (6), with large purple-madder (1028) blotch base light bronzy yellow, inside paler yellow.

A.M.-B.C. 1954, F.C.C.-B.C. 1954, H.C.-R.H.S. 1965

**chrysanthus (Herbert) Herbert 'Symphonie'**

C.M. Berbee, 1959; flowers inside white with golden-yellow centre, flower-tube sprinkled greyish-blue.

**chrysanthus (Herbert) Herbert 'Topolino'**

C.M. Berbee, 1970; flowers small, outside inner petals nearly uniform greenish blue on yellow ground, with brown-yellow basal blotch, flower-tube cream with dense lilac sprinkling, outer petals with brown-lilac basal blotch to the edge with short purple feathers fading into yellowish, inside same colour with golden yellow basal blotches.

**chrysanthus (Herbert) Herbert 'Trance'**

C.M. Berbee, 1959; flowers inside pale yellow, to the centre slightly darker, outside yellow, flower-tube sprinkled purple blue, fading into oval basal blotch, on 3 outer petals mostly 7 darker stripes.

**chrysanthus (Herbert) Herbert 'Uschak Orange'**

Turkey, intr. by M.H. Hoog; small deep orange flowers with rounded tips to the petals, January-February flowering.

**chrysanthus (Herbert) Herbert 'Warley'**

*chrysanthus 'Large Warley White'*

Tubergen; flowers inside white with brownish yellow centre, outside greyish white with broad purple midrib.

A.M.-R.H.S. 1905, A.M.-B.C. 1933

**chrysanthus (Herbert) Herbert 'White Beauty'**

P. van Kooten, 1946; flower-tube outside purple sprinkled on white ground.

T.G.A.-B.C. 1960, A.M.-B.C. 1962, F.C.C.-B.C. 1972

**chrysanthus (Herbert) Herbert 'White Splendour'**

Tubergen, 1973; flowers inside white, centre chinese-yellow (CC 20a) outside wisteria-blue (CC 92a), on barium-yellow ground.

**chrysanthus (Herbert) Herbert 'White Triumphant'**

P. van Kooten; flowers inside white, centre naples-yellow, outside white, flower-tube bronze-green with steel-blue veins on yellowish white ground.

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**chrysanthus (Herbert) Herbert ‘Yellow Queen’**

G.H. Hageman; flowers inside chrome-yellow (605), outside buttercup-yellow (5/1) base greenish.

A.M.-B.C. 1955

**chrysanthus (Herbert) Herbert ‘Zenith’**

P.B. van Eeden, 1971; flowers inside wisteria-blue (CC 92c), centre pale yellow outside dauphin-violet (CC 90c).

T.G.A.-B.C. 1975

**chrysanthus (Herbert) Herbert ‘Zwanenburg Bronze’**

Tubergen; flowers inside saffron-yellow (7), outside almost entirely garnet-brown (00918) with narrow yellow margins, flowers large, February-March flowering.

A.M.-B.C. 1938, A.M.-R.H.S. 1939, F.C.C.-R.H.S. 1965

**ciliatus** Maw see **cancellatus** Herbert ssp **cancellatus**

**‘Cinderella’** see **vernus** (L.) A.J. Hill **‘Cinderella’**

**circumscissus** Haw. see **biflorus** Miller ssp **biflorus**

**‘Claret’** see **tommasinianus** Herbert **‘Claret’**

**‘Cloth of Gold’** see **angustifolius** Weston

**‘Cloth of Silver’** see **versicolor** Ker Gawler **‘Picturatus’**

**clusii** Gay see **serotinus** Salisb. ssp **clusii** (Gay) B. Mathew

**‘Concolor’** see **flavus** Weston ssp **flavus** **‘Concolor’**

**‘Conqueror’** see **speciosus** M. Bieb. **‘Conqueror’**

**‘Constellation’** see **chrysanthus (Herbert) Herbert ‘Constellation’**

**corsicus** Vanucci

C & N Corsica, 1838; throat white or pale purple, flowers inside pale to deep purple, outside often yellowish with 1-3 violet stripes and finer veining, March-July flowering. (2n=18)

A.M.-R.H.S. 1977

**‘Cream Beauty’** see **chrysanthus (Herbert) Herbert ‘Cream Beauty’**

**‘Crescendo’** see **chrysanthus (Herbert) Herbert ‘Crescendo’**

**cretensis** Koern. see **boryi** Gay

**crewei** J.D. Hook. see **biflorus** Miller ssp **crewei** (J.D. Hook.)

B. Mathew

**crewei** misapplied see **biflorus** Miller ssp **melantherus** (Boiss. & Orph.) B. Mathew

*croceus* K. Koch see *chrysanthus* (Herbert) Herbert

'*Cum Laude*' see *chrysanthus* (Herbert) Herbert '*Cum Laude*'

'*Cupido*' see *chrysanthus* (Herbert) Herbert '*Cupido*'

*cvijicii* Kosanin

Balkan, 1926; throat white or yellow, flowers pale to deep yellow, cream or white, March-June flowering. ( $2n=18, 19, 20$ )

*dalmaticus* Vis.

SW Yugoslavia, NW Albania, 1842; throat yellow, flowers inside pale violet, outside usually yellowish or silvery with fine purple lines, February-April flowering. ( $2n=22, 24$ )

'*Dandy*' see *chrysanthus* (Herbert) Herbert '*Dandy*'

*danfordiae* Maw

C & S Turkey, 1881; throat pale yellow or white, flowers soft yellow or pale lilac-blue or white, outside usually stippled blue, grey or purple, February-March flowering. ( $2n=8$ )

'*David Copperfield*' see *vernus* (L.) A.J. Hill '*David Copperfield*'

'*De Jager*' see *imperati* Ten. ssp *imperati* '*De Jager*'

'*Distinction*' see *chrysanthus* (Herbert) Herbert '*Distinction*'

'*Dorothy*' see *chrysanthus* (Herbert) Herbert '*Dorothy*'

'*Dream*' see *vernus* (L.) A.J. Hill '*Dream*'

'*Dutch Yellow*' see *flavus* Weston '*Golden Yellow*'

'*Dutch Yellow Crocus*' see *flavus* Weston ssp *flavus* '*Golden Yellow*'

'*E.A. Bowles*' see *chrysanthus* (Herbert) Herbert '*E.A. Bowles*'

'*Early Bird*' see *vernus* (L.) A.J. Hill '*Early Bird*'

'*Early Perfection*' see *vernus* (L.) A.J. Hill '*Early Perfection*'

'*Elegance*' see *chrysanthus* (Herbert) Herbert '*Elegance*'

'*Elegant*' see *chrysanthus* (Herbert) Herbert '*Elegant*'

*elwesii* (Maw) O. Schwarz see *pallasii* Goldb. ssp *pallasii*

'*Enchantress*' see *vernus* (L.) A.J. Hill '*Enchantress*'

'*E.P. Bowles*' see *chrysanthus* (Herbert) Herbert '*E.P. Bowles*'

'*Erectophyllus*' see *serotinus* Salisb. ssp *salzmannii* (Gay) B. Mathew

'*Erectophyllus*'

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*'Eric Smith'* see *tommasinianus* Herbert '**Eric Smith**'

**etruscus** Parl.

NW Italy, 1858; throat pale yellow, flowers inside pale purple-blue, outside creamy or silvery and veined violet, February-April flowering. ( $2n=8$ )  
A.M.-R.H.S. 1979

**etruscus** Parl. '**Zwanenburg**'

Tubergen; throat yellowish, flowers pale violet, shaded greyish on reverse with light purple lines, February-March flowering.  
A.M.-B.C. 1939, A.M.-R.H.S. 1979, A.M.-R.H.S. 1980

*'Excelsior'* see *vernus* (L.) A.J. Hill '**Excelsior**'

*'Eye-catcher'* see *chrysanthus* (Herbert) Herbert '**Eye-catcher**'

*'Fairy'* see *biflorus* Miller ssp *weldenii* (Hoppe & Fürnr.) B. Mathew '**Fairy**'  
*fimbriatus* Lapeyr. see *nudiflorus* Smith

*'Firefly'* see *sieberi* Gay '**Firefly**'

*flavus* Weston see *flavus* Weston ssp *flavus*

*flavus* Weston ssp *flavus*

*aureus* Sibth. & Smith, *lacteus* Sabine, *lagenaeflorus* Salisb., *luteus* Lam.,  
*maesiacus* Ker Gawler  
Balkan, NW Turkey, 1579; throat yellow, flowers pale yellow to deep orange-yellow, sometimes striped or suffused brown, March-April flowering. ( $2n=8$ )

*flavus* Weston ssp *flavus* '**Concolor**'

1811; flowers uniform pale yellow.

*flavus* Weston '**Golden Yellow**'

*flavus x angustifolius* Weston

*'Dutch Yellow'*, '*Grote Gele*', '*Large Yellow*', '*Yellow Crocus*'

Cultivated since the 17th century; buttercup-yellow, outside paler, base striped greyish, February-March flowering; the **Dutch Yellow Crocus** belongs to this complex. ( $2n=8$ )

*fleischeri* Gay

S & W Turkey, Aegean islands, 1875; throat yellow, flowers white with a purplish or brownish base, outside sometimes with a median central purple stripe, January-March flowering. ( $2n=20$ )

*'Flower Record'* see *vernus* (L.) A.J. Hill '**Flower Record**'

*'Fontenayi'* see *laevigatus* Bory & Chaub. '**Fontenayi**'

*fontenayi* Reuter see *laevigatus* Bory & Chaub. ‘Fontenayi’

‘Frost Bound’ see *chrysanthus* (Herbert) Herbert ‘Frost Bound’

‘Fuscotinctus’ see *chrysanthus* (Herbert) Herbert ‘Fuscotinctus’

*gargaricus* Herbert ssp *gargaricus*

*thirkeanus* K. Koch

NW Turkey, 1841; throat and flowers yellow or orange, corm non-stoloniferous with rather coarsely netted tunics, February-May flowering. (2n=30)

*gargaricus* Herbert ssp *herbertii* B. Mathew

NW Turkey, 1841; flowers more slender with narrower petals than the type, corms stoloniferous, with very finely netted tunics.

*geghartii* Sosn. see *biflorus* Miller ssp *adamii* (Gay) B. Mathew

‘Gipsy Girl’ see *chrysanthus* (Herbert) Herbert ‘Gipsy Girl’

‘Globosus’ see *speciosus* M. Bieb. ‘Globosus’

‘Glory of Breezand’ see *chrysanthus* (Herbert) Herbert ‘Glory of Breezand’

‘Glory of Limmen’ see *vernus* (L.) A.J. Hill ‘Glory of Limmen’

‘Glory of Sassenheim’ see *vernus* (L.) A.J. Hill ‘Glory of Sassenheim’

‘Golden Bunch’ see *ancyrensis* (Herbert) Maw ‘Golden Bunch’

‘Goldene Sonne’ see *chrysanthus* (Herbert) Herbert ‘Goldene Sonne’

‘Golden Yellow’ see *flavus* Weston ‘Golden Yellow’

‘Goldfasan’ see *chrysanthus* (Herbert) Herbert ‘Goldfasan’

‘Goldilocks’ see *chrysanthus* (Herbert) Herbert ‘Goldilocks’

*goulimyi* Turrill

S Greece (S Peloponnese), 1955; throat white, flowers pale to deep lilac-purple, inside often paler than outside, October-November flowering.

A.M.-R.H.S. 1976, A.M.-R.H.S. 1985

*goulimyi* Turrill ‘Albus’

Greece, M.H. Hoog, 1972; flowers pure white.

A.M.-R.H.S. 1983

‘Graecus’ see *vernus* (L.) A.J. Hill ‘Graecus’

*granatensis* Maw see *serotinus* Salisb. ssp *salzmannii* (Gay) B. Mathew

‘Grand Gala’ see *chrysanthus* (Herbert) Herbert ‘Grand Gala’

## CROCUS

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'*Grand Maître*' see *vernus* (L.) A.J. Hill '**Grand Maître**'

'*Grootvorst*' see *vernus* (L.) A.J. Hill '**Grootvorst**'

'*Grote Gele*' see *flavus* Weston '**Golden Yellow**'

'*Haarlem Gem*' see *vernus* (L.) A.J. Hill '**Haarlem Gem**'

**hadriaticus** Herbert

*hadriaticus* Herbert var *chrysobelonicus* Herbert, *peloponnesiacus* Orph.  
W & S Greece, 1845; throat deep yellow or rarely white, flowers white often  
stained brownish, yellowish or violet at base of segments, September-November  
flowering. (2n=16)  
A.M.-R.H.S. 1980

*hadriaticus* Herbert var *chrysobelonicus* Herbert see **hadriaticus** Herbert

**hadriaticus** Herbert forma **hadriaticus**

Flowers white, yellow throat, autumn flowering.  
A.M.-R.H.S. 1980

**hadriaticus** Herbert forma *lilacinus* B. Mathew

Flowers large, pale-lilac, September-October flowering.

**hadriaticus** Herbert '**Tom Blanchard**'

Intr. by M.H. Hoog; throat yellow, flowers large, white tinged purple on reverse  
at the base of the segments, October-November flowering.

'*Harlequin*' see *chrysanthus* (Herbert) Herbert '**Harlequin**'

'*Herald*' see *chrysanthus* (Herbert) Herbert '**Herald**'

*heuffelianus* Herbert see *vernus* (L.) A.J. Hill ssp *vernus*

*hittiticus* Baytop & B. Mathew see *reticulatus* Steven ssp *hittiticus* (Baytop &  
B. Mathew) B. Mathew

'*Hollands Glory*' see *vernus* (L.) A.J. Hill '**Hollands Glory**'

'*Hubert Edelsten*' see *sieberi* Gay '**Hubert Edelsten**'

*hybernum* Friv. see *pallasii* Goldb. ssp *pallasii*

**imperati** Ten. ssp **imperati**

*incurvus* Steudel, *neapolitanus* Ten.

SW Italy, 1826; throat yellow to orange, flowers inside mid to deep purple,  
outside yellowish with 1-5 conspicuous violet stripes (937), January-March  
flowering. (2n=16, 26)

A.G.M.-R.H.S. 1924, A.M.-R.H.S. 1979

*imperati* Ten. ssp *imperati* 'De Jager'

*imperati* ssp *imperati* 'Jager', *imperati* ssp *imperati* 'Jageri'

P. de Jager & Sons; flowers inside sea-lavender (637) with yellow centre, outer petals amber-yellow (505/1) with narrow dark purple feathers, inner petals heliotrope with 3 short purple feathers, January-February flowering.

*imperati* Ten. ssp *imperati* 'Jager' see *imperati* Ten. ssp *imperati* 'De Jager'

*imperati* Ten. ssp *imperati* 'Jageri' see *imperati* Ten. ssp *imperati* 'De Jager'

*incurvus* Steudel see *imperati* Ten. ssp *imperati*

*ionicus* Herbert see *boryi* Gay

*iridiflorus* Reichb. see *banaticus* Gay

*isauricus* Bowles see *biflorus* Miller ssp *isauricus* (Bowles) B. Mathew

'Ivory Glory' see *chrysanthus* (Herbert) Herbert 'Ivory Glory'

'Jager' see *imperati* Ten. ssp *imperati* 'De Jager'

'Jageri' see *imperati* Ten. ssp *imperati* 'De Jager'

'Jamie' see *olivieri* Gay 'Jamie'

'Jeanne d'Arc' see *vernus* (L.) A.J. Hill 'Jeanne d'Arc'

'Jeannine' see *chrysanthus* (Herbert) Herbert 'Jeannine'

'Jester' see *chrysanthus* (Herbert) Herbert 'Jester'

'Joan of Arc' see *vernus* (L.) A.J. Hill 'Jeanne d'Arc'

'Johan Cruyff' see *chrysanthus* (Herbert) Herbert 'Johan Cruyff'

'Johanna' see *vernus* (L.) A.J. Hill 'Striped Banner'

'Jubilee' see *vernus* (L.) A.J. Hill 'Jubilee'

'Julia Culp' see *vernus* (L.) A.J. Hill 'Julia Culp'

*karduchorum* hort. non Maw see *kotschyanus* K. Koch var *leucopharynx* B.L.

Burtt

*karduchorum* Maw

SE Turkey, E Iraq, W Iran, 1859; throat white, flowers lilac with about 9 darker lines and orange spots at base, September-October flowering. ( $2n=8, 10, 20, 32$ )

A.M.-R.H.S. 1928

*karsianus* Fomin see *kotschyanus* K. Koch ssp *suworowianus* (K. Koch) B.

Mathew

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'*Kathleen Parlow*' see *vernus* (L.) A.J. Hill '**Kathleen Parlow**'

'*King of the Striped*' see *vernus* (L.) A.J. Hill '**King of the Striped**'

*kirkii* Maw see *candidus* C.B. Clarke

'*Kittiwake*' see *biflorus* Miller '**Kittiwake**'

**korolkowii** Maw

N & E Afghanistan, N Pakistan, USSR (Soviet C Asia), 1880; throat yellow or faintly bronze, flowers inside yellow, outside usually conspicuously speckled or stained with brown, purple or black, on yellow or buff-coloured ground, February-March flowering. ( $2n=20$ )

**korolkowii** Maw '**Spring Cocktail**'

Tadjikistan; petals outside with heavy shining purple infusion, especially at the base and on the tube.

**korolkowii** Maw '**Yellow Tiger**'

Usbekistan (Serawschan Range); flowers yellow, purple-brown striped and stippled outside.

**kotschyanus** K. Koch

*zonatus* Gay

C & S Turkey, NW Syria, C & N Lebanon, 1853; throat whitish, with 2 yellow blotches at base of each segment, flowers pale to mid bluish lilac with conspicuous darker veins, September-October flowering. ( $2n=8, 10, 16$ )  
A.G.M.-R.H.S. 1954

**kotschyanus** K. Koch '**Albus**'

Barr & Sons; a very fine white form of *kotschyanus*, autumn flowering.  
A.M.-R.H.S. 1945

**kotschyanus** K. Koch ssp *cappadocicus* B. Mathew

Turkey, 1980; throat whitish, with 2 yellow blotches at base of each segment, flowers lilac, veined darker on outside, September flowering. ( $2n=10$ )

**kotschyanus** K. Koch ssp *hakkariensis* B. Mathew

SE Turkey, 1980; throat whitish with 2 faint yellow blotches at base of each segment, flowers with wedge shaped petals in soft lilac, little or no feathering, September-October flowering. ( $2n=10$ )

**kotschyanus** K. Koch var *leucopharynx* B.L. Burtt

*karduchorum* hort. non Maw

Turkey (Cilicia); throat whitish, flowers pale to mid bluish lilac with conspicuous darker veins, September flowering.

- kotschyanus** K. Koch ssp *suworowianus* (K. Koch) B. Mathew  
*karsianus* Fomin, *suworowianus* K. Koch, *vallicola* Herbert var *lilacinus* Maw,  
*vallicola* Herbert var *suworowianus* (K. Koch) Maw, *zohrabii* Maw  
 C, N & NE Turkey, USSR (Caucasus), 1980; throat whitish, with rather pale  
 yellow blotches, flowers white with faint lilac lines, October-November flowering.  
 (2n=20)
- lacteus** Sabine see *flavus* Weston ssp *flavus*
- 'Ladykiller'** see *chrysanthus* (Herbert) Herbert '**'Ladykiller'**'
- laevigatus** Bory & Chaub.  
 C & S Greece, Crete, 1832; throat yellow, flowers white or lilac, outside  
 sometimes overlaid with silvery cream buff or yellow, usually marked with 1-  
 3 deep violet or purple stripes, October-February flowering. (2n=26)
- laevigatus** Bory & Chaub. '**'Albus'**'  
 Coll. G.P. Baker, Crete; flowers white, autumn flowering.  
 A.M.-R.H.S. 1938
- laevigatus** Bory & Chaub. '**'Fontenayi'**'  
*fontenayi* Reuter  
 Greece; throat yellow, flowers white or lilac ground colour, outside buff coloured  
 with 1-3 purple stripes, autumn or winter flowering. (2n=26)
- lagenaeflorus** Salisb. see *flavus* Weston ssp *flavus*
- 'La Majestueuse'** see *vernus* (L.) A.J. Hill '**'La Majestueuse'**'
- 'Large Warley White'** see *chrysanthus* (Herbert) Herbert '**'Warley'**'
- 'Large Yellow'** see *flavus* Weston '**'Golden Yellow'**'
- lazicus** (Boiss. & Bal.) Boiss. see *scharojanii* Rupr.
- 'Lemon Queen'** see *chrysanthus* (Herbert) Herbert '**'Lemon Queen'**'
- 'Lentejuweel'** see *chrysanthus* (Herbert) Herbert '**'Lentejuweel'**'
- libanoticus** Mout. see *pallasii* Goldb. ssp *pallasii*
- 'Lilac Beauty'** see *tommasinianus* Herbert '**'Lilac Beauty'**'
- 'Lilliputaner'** see *chrysanthus* (Herbert) Herbert '**'Lilliputaner'**'
- 'Little Dorrit'** see *vernus* (L.) A.J. Hill '**'Little Dorrit'**'
- longiflorus** Raf.  
*odoratus* Biv.  
 SW Italy, Sicily, Malta, 1810; throat yellow, flowers lilac to purple, outside  
 usually dark-veined sometimes on a yellowish external ground colour, violet-  
 like odour, leaf present when flowering, October-November flowering. (2n=28)  
 A.M.-R.H.S. 1969

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*'Lord Palmerston'* see *vernus* (L.) A.J. Hill **'Lord Palmerston'**

*luteus* Lam. see *flavus* Weston ssp *flavus*

*maesiacus* Ker Gawler see *flavus* Weston ssp *flavus*

*'Magic'* see *chrysanthus* (Herbert) Herbert **'Magic'**

*'Majestueuse'* see *vernus* (L.) A.J. Hill **'La Majestueuse'**

*malyi* Vis.

W Yugoslavia, 1871; throat yellow, flowers white so slightly tinted with rose as to appear almost white, reverse of segments at very base marked with brownish red, March-April flowering. ( $2n=30$ )  
A.M.-R.H.S. 1979

*'Mannequin'* see *chrysanthus* (Herbert) Herbert **'Mannequin'**

*marathonisius* Heldr. see *boryi* Gay

*'Mariette'* see *chrysanthus* (Herbert) Herbert **'Mariette'**

*'Masterpiece'* see *vernus* (L.) A.J. Hill **'Masterpiece'**

*'Marion'* see *chrysanthus* (Herbert) Herbert **'Marion'**

*maudii* K. Maly see *sieberi* Gay ssp *sublimis* (Herbert) B. Mathew

*mazziaricus* Herbert see *cancellatus* Herbert ssp *mazziaricus* (Herbert) B. Mathew  
*medius* Balbis

NW Italy, SE France, 1801; throat white often veined with purple, flowers lilac to deep purple veined darker towards base, at flowering without leaf, September-November flowering. ( $2n=22, 24$ )  
A.M.-R.H.S. 1969

*melantherus* Boiss. & Orph. see *biflorus* Miller ssp *melantherus* (Boiss. & Orph.)  
B. Mathew

*micranthus* Boiss. see *reticulatus* Steven ssp *reticulatus*

*minimus* DC.

Sardinia & S Corsica, 1805; throat white, flowers inside mid to deep purple, outside usually yellowish with conspicuous violet veins or stained violet, January-April flowering. ( $2n=24-30$ )  
A.M.-R.H.S. 1927

*'Minor'* see *angustifolius* Weston **'Minor'**

*'Miss Vain'* see *biflorus* Miller **'Miss Vain'**

*'Mont Blanc'* see *vernus* (L.) A.J. Hill **'Mont Blanc'**

*montenegrinus* Maw see *vernus* (L.) A.J. Hill ssp *albiflorus* (Schultes) Asch. & Graebner

'*Moonlight*' see *chrysanthus* (Herbert) Herbert '*Moonlight*'

'*Morning Star*' see *chrysanthus* (Herbert) Herbert '*Morning Star*'

*multifidus* Ramond see *nudiflorus* Smith

'*Mystic*' see *chrysanthus* (Herbert) Herbert '*Mystic*'

'*Nanette*' see *chrysanthus* (Herbert) Herbert '*Nanette*'

*napolitanus* Mord. Laun. & Lois. see *vernus* (L.) A.J. Hill ssp *vernus*

'*Navy Blue*' see *vernus* (L.) A.J. Hill '*Navy Blue*'

*neapolitanus* Ten. see *imperati* Ten. ssp *imperati*

'*Negro Boy*' see *vernus* (L.) A.J. Hill '*Negro Boy*'

**niveus** Bowles

S Greece (S Peloponnese), 1874; throat deep yellow, flowers usually white but sometimes pale lilac or inside white and outside lilac, yellow anthers, October-November flowering. ( $2n=26, 28$ )

**nudiflorus** Smith

*aphyllus* Ker Gawler, *fimbriatus* Lapeyr., *multifidus* Ramond, *pyrenaeus* Herbert SW France, N & E Spain, intr. before 1624; throat white or lilac, flowers deep purple or more rarely paler lilac-purple not conspicuously veined, September-October flowering. ( $2n=46, 48$ )

A.M.-R.H.S. 1948

**ochroleucus** Boiss. & Gaill.

SW Syria, Lebanon, N Israel, 1859; throat pale to deep yellow, flowers creamy white, October-December flowering. ( $2n=10$ )

**odoratus** Biv. see *longiflorus* Raf.

*olbanus* Siehe see *pallasii* Goldb. ssp *pallasii*

**olivieri** Gay ssp *balansae* (Baker) B. Mathew

*balansae* Baker

W Turkey, Aegean Islands, 1879; throat yellow, flowers inside chrome-yellow (605/2), outside with more or less beetroot-purple (830) usually striped or suffused with purplish brown or mahogany, January-March flowering. ( $2n=6$ )

A.M.-R.H.S. 1932

**olivieri** Gay ssp *balansae* (Baker) B. Mathew '*Zwanenburg*'

Tubergen; flowers inside deep golden-yellow, outside almost orange and bronze, purple feathered, February-March flowering.

A.M.-R.H.S. 1983

## CROCUS

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**olivieri** Gay ‘Jamie’

Flowers golden yellow, very free flowering.

**olivieri** Gay ssp **olivieri**

*aucherii* Boiss., *suterianus* Herbert

Balkan, Turkey, 1831; throat yellow, flowers usually orange-yellow sometimes paler yellow, outside sometimes suffused or striped with purplish bronze, February-April flowering. (2n=6)

A.M.-R.H.S. 1934

‘*Olympiade*’ see **chrysanthus** (Herbert) Herbert ‘*Olympiade*’

*orbelicus* Stoy. see *veluchensis* Herbert

*orphanidis* J.D. Hook. see *tournefortii* Gay

*orsinii* Parl. see *sativus* L.

‘*Oxonian*’ see *speciosus* M. Bieb. ‘*Oxonian*’

‘*Palette*’ see **chrysanthus** (Herbert) Herbert ‘*Palette*’

‘*Pallas*’ see *vernus* (L.) A.J. Hill ‘*Pallas*’

**pallasi** Goldb. ssp **pallasi**

*campestris* Herbert, *elwesii* (Maw) O. Schwarz, *hybernum* Friv., *libanoticus* Mout., *olbanus* Siehe, *thiebautii* Mout.

Balkan, Turkey, USSR (Crimea), Syria, Lebanon, Israel, 1817; throat white or lilac, flowers pinkish-lilac, slightly veined darker but variable, October-November flowering. (2n=14)

‘*Pallidus*’ see *stellaris* Haw. ‘*Pallidus*’

‘*Parade*’ see **chrysanthus** (Herbert) Herbert ‘*Parade*’

‘*Paradiso*’ see **chrysanthus** (Herbert) Herbert ‘*Paradiso*’

‘*Paulus Potter*’ see *vernus* (L.) A.J. Hill ‘*Paulus Potter*’

*peloponnesiacus* Orph. see *hadriaticus* Herbert

**pestalozzae** Boiss.

NW Turkey, 1853; throat yellow, flowers creamy white, each filament has a small blue spot near base, January-April flowering. (2n=28)

**pestalozzae** Boiss. var *caeruleus* Barr

Flowers small, blue, each filament has a small black spot near the base, March-April flowering. Blue form of *pestalozzae*.

‘*Peter Pan*’ see *vernus* (L.) A.J. Hill ‘*Peter Pan*’

‘*Pickwick*’ see *vernus* (L.) A.J. Hill ‘*Pickwick*’

'Picturatus' see *versicolor* Ker Gawler 'Picturatus'

'Pictus' see *tommasinianus* Herbert 'Pictus'

'Plaisir' see *chrysanthus* (Herbert) Herbert 'Plaisir'

'Pollux' see *speciosus* M. Bieb. 'Pollux'

*praecox* Haw. see *biflorus* Miller ssp *biflorus*

'Prins Claus' see *chrysanthus* (Herbert) Herbert 'Prins Claus'

'Prinses Beatrix' see *chrysanthus* (Herbert) Herbert 'Prinses Beatrix'

**pulchellus** Herbert

Balkan, NW Turkey, 1843; throat deep yellow, flowers clear pale to mid-bluish lilac with darker longitudinal veins, anthers white, September-November flowering. (2n=12)

A.M.-R.H.S. 1938

**pulchellus** Herbert 'Sylvia Cobb'

Intr. by P.J. & J.W. Christian; flowers pure white, white anthers, September flowering.

**pulchellus** Herbert 'Zephyr'

Tubergen; throat orange, flowers large, white, pearl-grey on the outside, September-October flowering.

'Purity' see *biflorus* Miller 'Miss Vain'

'Purple Beauty' see *vernus* (L.) A.J. Hill 'Purple Beauty'

'Purple Crown' see *vernus* (L.) A.J. Hill 'Purple Crown'

'Purple Sensation' see *vernus* (L.) A.J. Hill 'Purple Sensation'

*purpureus* Weston see *vernus* (L.) A.J. Hill ssp *vernus*

'Purpureus Grandiflorus' see *vernus* (L.) A.J. Hill 'Purpureus Grandiflorus'

*pusillus* Ten. see *biflorus* Miller ssp *biflorus*

*pyrenaeus* Herbert see *nudiflorus* Smith

'Queen of the Blues' see *vernus* (L.) A.J. Hill 'Queen of the Blues'

'Remembrance' see *vernus* (L.) A.J. Hill 'Remembrance'

*reticulatus* Steven ssp *hittiticus* (Baytop & B. Mathew) B. Mathew

*hittiticus* Baytop & B. Mathew

S Turkey, 1982; throat white or yellow, flowers with fairly narrow segments in white or lilac, feathered darker, stamens black, February-April flowering. (2n=10)

## CROCUS

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### **reticulatus** Steven ssp **reticulatus**

*micranthus* Boiss., *variegatus* Hoppe & Hornst., *vittatus* Raf.

Balkan (Dalmatian Coast to Caucasus), 1805; throat white or yellow, flowers white or lilac, outside striped or feathered purple on white, lilac or buff ground, March-May flowering. (2n=10, 12, 14)

'Reverence' see **chrysanthus** (Herbert) Herbert 'Reverence'

'Rising Sun' see **chrysanthus** (Herbert) Herbert 'Rising Sun'

### **robertianus** C. Brickell

C & N Greece, 1973; throat pale yellow or white, flowers pale to deep lilac-blue, October-November flowering. (2n=20)

'Romance' see **chrysanthus** (Herbert) Herbert 'Romance'

'Roseus' see **tommasinianus** Herbert 'Roseus'

'Ruby Giant' see **tommasinianus** Herbert 'Ruby Giant'

'Ruby Gown' see **chrysanthus** (Herbert) Herbert 'Ruby Gown'

*salzmannii* Gay see **serotinus** Salisb. ssp *salzmannii* (Gay) B. Mathew

### **sativus** L.

*orsinii* Parl., *sativus* var *cashmirianus* Royle

Not known in the wild; throat lilac-purple, flowers lilac-purple conspicuously veined, darker and stained darker towards the base, October flowering; in cultivation since Roman times, regarded as a selection of **cartwrightianus** Herbert (2n=14, 16, 24, 40)

*sativus* L. var *cashmirianus* Royle see **sativus** L.

'Saturnus' see **chrysanthus** (Herbert) Herbert 'Saturnus'

### **scardicus** Kosanin

Yugoslavia, E Albania, 1926; throat bright purple, yellow or white, flowers orange to deep yellow with purple lower one-third, June flowering. (2n=32, 34, 35, 36)

*scepusiensis* (Rehmann & Wol.) Borbas see **vernus** (L.) A.J. Hill ssp *vernus*

### **scharojanii** Rupr.

*lazicus* (Boiss. & Bal.) Boiss.

USSR (Caucasus), N.E. Turkey, 1868; throat yellow, flowers deep yellow, often shading to orange towards tips, July-October flowering. (2n=8)

*schimperi* Baker see **cancellatus** Herbert ssp *mazziaricus* (Herbert) B. Mathew

**serotinus** Salisb. ssp *clusii* (Gay) B. Mathew

*clusii* Gay

C & N Portugal, NW & SW Spain, 1977; throat white or pale yellow, flowers pale to deep lilac or occasionally purple sometimes veined darker, October-November flowering. (2n=22, 23, 24)

**serotinus** Salisb. ssp *salzmannii* (Gay) B. Mathew

*asturicus* Herbert, *granatensis* Maw, *salzmannii* Gay

N Africa, S, C & N Spain, 1977; throat yellow or creamy-white, flowers pale to deep lilac or occasionally purple sometimes veined darker, September-December flowering. (2n=22, 24, 44)

A.M.-R.H.S. 1976

**serotinus** Salisb. ssp *salzmannii* (Gay) B. Mathew 'Albus'

Flowers large, white, October flowering, with the leaves.

**serotinus** Salisb. ssp *salzmannii* (Gay) B. Mathew 'Atropurpureus'

Tubergen; throat white or pale yellow, flowers dark violet, (very late) autumn flowering.

**serotinus** Salisb. ssp *salzmannii* (Gay) B. Mathew 'Erectophyllus'

Throat white, flowers pale to deep lilac or occasionally purple sometimes veined darker, autumn flowering. (2n=22, 24)

**siculus** Tineo see **vernus** (L.) A.J. Hill ssp *albiflorus* (Schultes) Asch. & Graebner

**sieberi** Gay 'Albus'

E.A. Bowles; throat orange, flowers pure white.

A.M.-R.H.S. 1937

**sieberi** Gay ssp *atticus* (Boiss. & Orph.) B. Mathew

*sieberi* var *atticus* Boiss. & Orph.

Balkan, 1859; throat yellow, flowers pale to deep lilac-blue or violet, January-April flowering.

*sieberi* Gay var *atticus* Boiss. & Orph. see **sieberi** Gay ssp *atticus* (Boiss. & Orph.)

B. Mathew

**sieberi** Gay 'Bowles' White'

Throat orange, flowers large, globular, pure white, February-March flowering.

A.M.-R.H.S. 1978

**sieberi** Gay 'Firefly'

M. Thoolen, 1956; throat yellow, petals mineral-violet (635/3), inconspicuous greyish veins, spring flowering.

*sieberi* Gay var *heterochromus* Hal. see **sieberi** Gay ssp *sieberi*

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### **sieberi** Gay ‘Hubert Edelsten’

*sieberi* ssp *sieberi* x *sieberi* ssp *atticus* (Boiss. & Orph.) B. Mathew.  
H.D.Mc. Edelsten; throat yellow, flowers inside silvery lilac, outside soft lilac,  
with white zone, spring flowering.  
F.C.C.-R.H.S. 1924

### **sieberi** Gay ssp *sieberi*

*sieberi* var *heterochromus* Hal., *sieberi* var *versicolor* Boiss. & Heldr.  
Crete, 1831; throat yellow to orange, flowers white, outside pale lilac to deep  
lilac-purple or white with purple zones or stripes, April-June flowering. (2n=22)  
A.G.M.-R.H.S. 1924

### **sieberi** Gay ssp *sublimis* (Herbert) B. Mathew

*athous* Bornm., *maudii* K. Maly, *sublimis* Herbert  
Balkan; throat deep yellow to pale yellow, flowers amethyst-lilac, sometimes  
with darker tips to segments, sometimes white zone between segments, February-  
June flowering.

### **sieberi** Gay ssp *sublimis* (Herbert) B. Mathew ‘Tricolor’

E.A. Bowles; throat yellow, flowers lilac-blue with a white zone, spring flowering.  
A.M.-R.H.S. 1968

*sieberi* Gay var *versicolor* Boiss. & Heldr. see *sieberi* Gay ssp *sieberi*

### **sieberi** Gay ‘Violet Queen’

G.H. Hageman; throat yellow, flowers outside amethyst-violet (35/2), inside  
lighter coloured with deep yellow centre, spring flowering.  
A.M.-B.C. 1955, F.C.C.-B.C. 1955

‘Sir Walter Scott’ see *vernus* (L.) A.J. Hill ‘Sir Walter Scott’

*skorpillii* Velen. see *chrysanthus* (Herbert) Herbert

‘Sky Blue’ see *vernus* (L.) A.J. Hill ‘Sky Blue’

‘Skyline’ see *chrysanthus* (Herbert) Herbert ‘Skyline’

‘Snowbunting’ see *chrysanthus* (Herbert) Herbert ‘Snowbunting’

‘Snowstorm’ see *vernus* (L.) A.J. Hill ‘Snowstorm’

‘Snowwhite’ see *chrysanthus* (Herbert) Herbert ‘Snowwhite’

‘Solfatare’ see *chrysanthus* (Herbert) Herbert ‘Solfatare’

‘Solo’ see *chrysanthus* (Herbert) Herbert ‘Solo’

**speciosus** M. Bieb. ‘Aitchinsonii’

Since 1891; flowers lavender-violet, very large, autumn flowering.

**speciosus M. Bieb. 'Albus'**

Tubergen, 1913; flowers white, throat yellow, pointed segments.  
A.M.-B.C. 1913

**speciosus M. Bieb. 'Artabir'**

Tubergen, 1896; flowers light blue with dark veins, autumn flowering; selected from Caucasian forms of speciosus.

**speciosus M. Bieb. 'Cassiope'**

Tubergen; flowers large, aniline-blue with yellow base, late autumn flowering.

**speciosus M. Bieb. 'Conqueror'**

Flowers very large, deep sky-blue, autumn flowering. (2n=14)

**speciosus M. Bieb. 'Globosus'**

Flowers blue-violet, autumn flowering. (2n=14)

**speciosus M. Bieb. ssp ilgazensis B. Mathew**

N Turkey, 1982; throat white or occasionally faintly yellow, flowers lilac-blue with prominent darker veins, outside often speckled darker on sometimes silvery or whitish ground, September-October flowering. (2n=6, 8)

**speciosus M. Bieb. 'Oxonian'**

Barr & Sons; flowers large, deep violet-blue (37/2) with prominent and even darker coloured veins, tube deep purple, October flowering.

A.M.-B.C. 1945

**speciosus M. Bieb. 'Pollux'**

Tubergen; flowers large, light violet, outside silvery, autumn flowering.

A.M.-B.C. 1938

**speciosus M. Bieb. ssp speciosus**

USSR, N Iran, N & C Turkey, 1800; throat white or occasionally faint yellow, flowers lilac-blue, with prominent darker veins, outside often speckled darker on sometimes silvery or whitish ground, September-November flowering. (2n=8, 10, 12, 14, 16, 18)

A.G.M.-R.H.S. 1922

**speciosus M. Bieb. ssp xantholaimos B. Mathew**

N Turkey, 1982; throat yellow, flowers lilac-blue, with prominent darker veins, outside often speckled darker on sometimes silvery or whitish ground, September-October flowering. (2n=10)

'Spotlight' see chrysanthus (Herbert) Herbert 'Spotlight'

'Spring Cocktail' see korolkowii Maw 'Spring Cocktail'

'Spring Pearl' see chrysanthus (Herbert) Herbert 'Spring Pearl'

## CROCUS

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'*Spring Song*' see **chrysanthus** (Herbert) Herbert '**Spring Song**'

*spruneri* Boiss. & Heldr. see **cancellatus** Herbert ssp **mazziaricus** (Herbert) B. Mathew

*stellaris* Haw.

probably *angustifolius* Weston x *flavus* Weston

Since 1580; flowers inside chrome-yellow (605), outside striped purple. ( $2n=8$ , 10)

*stellaris* Haw. '**Pallidus**'

Flowers chrome-yellow, outside striped black.

'*St. Patrick*' see **vernus** (L.) A.J. Hill '**St. Patrick**'

'*Striped Banner*' see **vernus** (L.) A.J. Hill '**Striped Banner**'

'*Striped Beauty*' see **vernus** (L.) A.J. Hill '**Striped Beauty**'

'*Subflavus*' see **candidus** C.B. Clarke '**Subflavus**'

*sublimis* Herbert see *sieberi* Gay ssp *sublimis* (Herbert) B. Mathew

'*Sulphur Glory*' see **chrysanthus** (Herbert) Herbert '**Sulphur Glory**'

'*Sultan*' see **vernus** (L.) A.J. Hill '**Sultan**'

'*Sunkist*' see **chrysanthus** (Herbert) Herbert '**Sunkist**'

'*Sunset*' see **chrysanthus** (Herbert) Herbert '**Sunset**'

*susianus* Ker Gawler see *angustifolius* Weston

*sutelianus* Herbert see *olivieri* Gay ssp *olivieri*

*suworowianus* K. Koch see *kotschyanus* K. Koch ssp *suworowianus* (K. Koch)  
B. Mathew

'*Sylvia Cobb*' see *pulchellus* Herbert '**Sylvia Cobb**'

'*Symphonia*' see **chrysanthus** (Herbert) Herbert '**Symphonia**'

'*Taplow Ruby*' see *tommasinianus* Herbert '**Taplow Ruby**'

*tauri* Maw var *melanthorius* Baker see *biflorus* Miller ssp *crewei* (J.D. Hook.) B. Mathew

*tauricus* (Trautv.) Pur. see *biflorus* Miller ssp *adamii* (Gay) B. Mathew

'*The Bishop*' see **vernus** (L.) A.J. Hill '**Bishop**'

'*The Sultan*' see **vernus** (L.) A.J. Hill '**Sultan**'

*thiebautii* Mout. see *pallasii* Goldb. ssp *pallasii*

*thirkeanus* K. Koch see *gargaricus* Herbert

'Tom Blanchard' see *hadriaticus* Herbert 'Tom Blanchard'

**tommasinianus** Herbert

S Yugoslavia to S Hungary, 1847; throat white, flowers inside pale lilac to deep reddish purple (634/1) often silvery or creamy on the outside, February-April flowering. (2n=16, 17)

A.G.M.-R.H.S. 1927

**tommasinianus** Herbert 'Albus'

Flowers pure white, February-March flowering.

**tommasinianus** Herbert 'Barr's Purple'

Barr & Sons; flowers amethyst-violet (35/2), outside grey, spring flowering.

**tommasinianus** Herbert 'Bobbo'

Flowers pale lavender with white tips.

**tommasinianus** Herbert 'Claret'

O.E.P. Wyatt (R. Cobb); flowers rich deep rosy-purple.

**tommasinianus** Herbert 'Eric Smith'

Buckshaw Gardens; white flowers speckled with a hint of purple (usually vanishing before opening) on the tube, mid January-February flowering.

**tommasinianus** Herbert 'Lilac Beauty'

M. Thoolen; flowers slender, small, outside light lilac, inside violet.

**tommasinianus** Herbert 'Pictus'

E.A. Bowles; flowers large lavender with white tips, purple marks below and slight feathering.

A.M.-R.H.S. 1924, A.M.-R.H.S. 1980

**tommasinianus** Herbert 'Roseus'

Flowers brightest cyclamen-pink, outside silvery grey, February-March flowering.

**tommasinianus** Herbert 'Ruby Giant'

Roozen-Kramer, 1956; flowers spectrum-violet (735/2), base lighter, light margin.

T.G.A.-B.C. 1959

**tommasinianus** Herbert 'Taplow Ruby'

Barr & Sons; flowers reddish purple.

**tommasinianus** Herbert 'Whitewell Purple'

Rev. J. Jacob; fine reddish flowers in profusion, February-March flowering.

A.M.-B.C. 1933

*tomoricus* Markgraf see *veluchensis* Herbert

## CROCUS

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'Topolino' see **chrysanthus** (Herbert) Herbert 'Topolino'

**tournefortii** Gay

*orphanidis* J.D. Hook.

S Greece (Cyclades & Aegean islands), NE Crete, 1831; throat usually deep yellow, flowers usually lilac-blue, sometimes veined darker towards base, occasionally white (in Crete), September-December flowering. (2n=30)  
A.M.-R.H.S. 1983

'Trance' see **chrysanthus** (Herbert) Herbert 'Trance'

'Tricolor' see **sieberi** Gay ssp *sublimis* (Herbert) B. Mathew 'Tricolor'

'Twinborn' see **vernus** (L.) A.J. Hill 'Twinborn'

'Uschak Orange' see **chrysanthus** (Herbert) Herbert 'Uschak Orange'

**vallicola** Herbert

USSR (Caucasus), NE Turkey, 1845; throat white with 2 yellow spots at base of each segment, flowers white usually veined purple towards base of each segment, August-October flowering. (2n=8)

**vallicola** Herbert var *lilacinus* Maw see **kotschyanus** K. Koch ssp *suworowianus* (K. Koch) B. Mathew

**vallicola** Herbert var *suworowianus* (K. Koch) Maw see **kotschyanus** K. Koch ssp *suworowianus* (K. Koch) B. Mathew

'Vanguard' see **vernus** (L.) A.J. Hill 'Vanguard'

**variegatus** Hoppe & Hornst. see **reticulatus** Steven ssp *reticulatus*

**veluchensis** Herbert

*balcanensis* Janka, *orbelicus* Stoy., *tomoricus* Markgraf

Balkan, 1845; throat white fading to lilac, flowers lilac-blue, April-June flowering. (2n=18, 19, 20, 22, 26)

'Velvet King' see **vernus** (L.) A.J. Hill 'Velvet King'

**vernus** (L.) A.J. Hill ssp *albiflorus* (Schultes) Asch. & Graebner

*albiflorus* Schultes, *albiflorus* Kit., *caeruleus* Weston, *montenegrinus* Maw, *siculus* Tineo, *vilmae* Fiala

W, C & S Europe from the Pyrenees to Czechoslovakia, 1906; throat white or purplish, flowers often white, also purple or striped, March-July flowering. (2n=8)

**vernus** (L.) A.J. Hill 'Big Ben'

P.B. van Eeden, 1960; flower-tube purple inside uniform violet-purple with distinct white stripes, outside outer petals with 8-9 thin longitudinal purple stripes on white ground, inner petals uniform violet with narrow white border; like **vernus** 'Twinborn' but slighter feathered.

T.G.A.-B.C. 1962

**vernus (L.) A.J. Hill 'Bishop'**

*vernus 'The Bishop'*

W.J. Eldering, 1925; flowers spectrum-violet (735), inside light feathered.

A.M.-B.C. 1928

**vernus (L.) A.J. Hill 'Blue Ribbon'**

W.J. Eldering, 1943; flowers light purple with purple base, early flowering.

**vernus (L.) A.J. Hill 'Blue Triumphator'**

W.J. Eldering, 1943; flowers glowing mineral-violet (635) with lighter margin and purple base, early flowering.

**vernus (L.) A.J. Hill 'Cinderella'**

W.J. Eldering, 1943; flowers striped mineral-violet (635) on white ground, purple base, inside uniform violet, early flowering.

T.G.A.-B.C. 1944

**vernus (L.) A.J. Hill 'David Copperfield'**

W.J. Eldering, 1943; flowers purple (033) feathered on white ground.

**vernus (L.) A.J. Hill 'Dream'**

W.J. Eldering, 1924; flowers large, light purple, early flowering.

**vernus (L.) A.J. Hill 'Early Bird'**

J.Tuyn, 1983; flowers inside transparent white, inner petals with narrow purple-violet vein (CC 86d), anthers saffron-yellow (CC 21a), stem marigold-orange; outside transparent white with vague methyl-purple veins and bluish grey spots in throat.

T.G.A.-B.C. 1984

**vernus (L.) A.J. Hill 'Early Perfection'**

W.J. Eldering, 1925; flowers middle sized, amethyst-violet (35/2), early flowering.

(2n=c. 31)

**vernus (L.) A.J. Hill 'Enchantress'**

W.J. Eldering, 1924; flowers light amethyst-purple (35/2) with silvery gloss, dark base, mid early flowering.

**vernus (L.) A.J. Hill 'Excelsior'**

W.J. Eldering, 1924; flowers large, heliotrope (636), dark base, early flowering.

(2n=24)

A.M.-B.C. 1927

**vernus (L.) A.J. Hill 'Flower Record'**

Flowers light spectrum-violet (735), dark base. (2n=c. 29)

**vernus** (L.) A.J. Hill ‘Glory of Limmen’

**vernus** ‘Kathleen Parlow’ x **vernus** ‘Saffran Beauty’

J.A. Tuyn, 1983; ivory white flowers with purple-violet veins (CC 86c), dark purple-violet veins at outside, anthers saffran-yellow.

**vernus** (L.) A.J. Hill ‘Glory of Sassenheim’

W.J. Eldering, 1943; flowers striped heliotrope (636) on greyish ground, dark purple base. (2n=26)

A.M.-B.C. 1943

**vernus** (L.) A.J. Hill ‘Graecus’

M. Leichtlin; flowers soft blue with dark tips, appearing before leaves.

**vernus** (L.) A.J. Hill ‘Grand Maître’

W.J. Eldering, 1924; flowers middle-sized, sea lavender-violet (637) with silvery gloss, lighter margin, mid early flowering. (2n=c. 31)

**vernus** (L.) A.J. Hill ‘Grootvorst’

**vernus** ‘Purpureus grandiflorus’ x **vernus** ‘La Majestueuse’

L. van Berkel; flowers heliotrope (636) stripes on greyish ground.

**vernus** (L.) A.J. Hill ‘Haarlem Gem’

**vernus** x **tommasinianus** Herbert

Tubergen; flowers small, inside amethyst-violet (35/2), outside mauve-grey, March-April flowering.

T.G.A.-B.C. 1944, A.M.-B.C. 1944, F.C.C.-B.C. 1953

**vernus** (L.) A.J. Hill ‘Hollands Glory’

W.J. Eldering, 1943; flowers large, purple-blue.

**vernus** (L.) A.J. Hill ‘Jeanne d’Arc’

**vernus** ‘Joan of Arc’

W.J. Eldering; flowers large, pure white with a deep purple base, February-March flowering. (2n=c. 27)

A.M.-B.C. 1943, T.G.A.-B.C. 1944, F.C.C.-B.C. 1944

**vernus** (L.) A.J. Hill ‘Joan of Arc’ see **vernus** (L.) A.J. Hill ‘Jeanne d’Arc’

**vernus** (L.) A.J. Hill ‘Johanna’ see **vernus** (L.) A.J. Hill ‘Striped Banner’

**vernus** (L.) A.J. Hill ‘Jubilee’

W.J. Eldering, 1925; flowers middle sized, heliotrope (636) with silvery gloss, lighter margin, dark base, late flowering.

A.M.-B.C. 1928

**vernus** (L.) A.J. Hill ‘Julia Culp’

G.H. van Waveren, 1905; flowers middle sized, violet (36) with white margin, late flowering.

**vernus (L.) A.J. Hill 'Kathleen Parlow'**

G.H. van Waveren, 1905; flowers middle sized, round, uniform white, dwarfish. (2n=27)  
A.M.-B.C. 1914, F.C.C.-B.C. 1915

**vernus (L.) A.J. Hill 'King of the Striped'**

W.J. Eldering, 1880; flowers large, amethyst-violet, lighter stripes, dark base, mid early flowering. (2n=c. 34)

**vernus (L.) A.J. Hill 'La Majestueuse'**

Since 1857; flowers striped violet on a white ground, purple base, early flowering.

**vernus (L.) A.J. Hill 'Little Dorrit'**

W.J. Eldering, 1943; flowers large, mauvette (537), silvery grey tips, purple base, late flowering.  
A.M.-B.C. 1944, F.C.C.-B.C. 1950

**vernus (L.) A.J. Hill 'Lord Palmerston'**

About 1890; flowers small, rounded, dark purple.

**vernus (L.) A.J. Hill 'Masterpiece'**

W.J. Eldering, 1926; flowers sea-lavender violet (637), dark base.  
A.M.-B.C. 1927

**vernus (L.) A.J. Hill 'Mont Blanc'**

Intr, 1853; flowers dwarf, greyish white, violet base, early flowering.

**vernus (L.) A.J. Hill 'Navy Blue'**

W.J. Eldering, 1927; flowers middle sized, heliotrope (636/2), dark base, later flowering.  
A.M.-B.C. 1927

**vernus (L.) A.J. Hill 'Negro Boy'**

Flowers deep spectrum-violet (735), base purple, mid early flowering. (2n=31)

**vernus (L.) A.J. Hill 'Pallas'**

G.H. van Waveren, 1905; flowers oval, striped campanula-violet (37) on greyish ground, purple base dwarf growing, early flowering.  
F.C.C.-B.C. 1915

**vernus (L.) A.J. Hill 'Paulus Potter'**

Since c. 1920; flowers large, deep magenta-purple, early flowering. (2n=24)

**vernus (L.) A.J. Hill 'Peter Pan'**

W.J. Eldering, 1943; flowers ivory-white, outer petals with short lilac stripes, inner petals with small lilac stripe. (2n=c. 31)

## CROCUS

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### **vernus (L.) A.J. Hill 'Pickwick'**

W.J. Eldering; flowers striped mineral-violet (635) on grey-white ground, base deep violet, rounded flowers, February-March flowering. (2n=27, 28, 29)  
A.M.-B.C. 1950

### **vernus (L.) A.J. Hill 'Purple Beauty'**

W.J. Eldering, 1943; flowers light amethyst-violet (35), base royal-purple (834), mid early flowering.

### **vernus (L.) A.J. Hill 'Purple Crown'**

**vernus 'Purpureus Grandiflorus' x vernus 'La Majestueuse'**  
L. van Berkel; flowers dark purple, black base.

### **vernus (L.) A.J. Hill 'Purple Sensation'**

sport of **vernus 'Remembrance'**.

J.C. Reus, 1962; flowers amethyst-violet (35/2), to the throat lighter, outside spectrum-violet (735/1), from the base an imperial-purple (33) streak.

### **vernus (L.) A.J. Hill 'Purpureus Grandiflorus'**

Since 1870; flowers fine oval and middle sized, uniform violet (36), base purple, free flowering. (2n=c. 31)

### **vernus (L.) A.J. Hill 'Queen of the Blues'**

W.F. van Waveren, 1916; flowers large-rich, ageratum-blue with lighter margin, dark base, mid early flowering.

T.G.A.-B.C. 1916, A.M.-R.H.S. 1924

### **vernus (L.) A.J. Hill 'Remembrance'**

W.J. Eldering, 1925; flowers violet (36/2) with silvery gloss, very dark base, rounded flowers, February-March flowering. (2n=c. 31)

### **vernus (L.) A.J. Hill 'Sir Walter Scott'**

A.N. Bijvoet, 1853; flowers small and dwarfish, spectrum-violet (735) with grey white veins, purple base, mid early flowering.

### **vernus (L.) A.J. Hill 'Sky Blue'**

J.G. Eldering, 1925; flowers dwarfish, heliotrope with silvery gloss, dark base, mid early flowering.

### **vernus (L.) A.J. Hill 'Snowstorm'**

W.J. Eldering, 1924; flowers middle sized, ivory white, purple base, mid early flowering.

A.M.-B.C. 1927, A.M.-R.H.S. 1933

### **vernus (L.) A.J. Hill 'St. Patrick'**

W.J. Eldering, 1945; flowers violet (36/1) on greyish ground.

**vernus (L.) A.J. Hill 'Striped Banner'**

*vernus 'Johanna'*

L. van Berkel; flowers large, striped violet (36) on greyish white, dark base, dwarfish.

T.G.A.-B.C. 1956

**vernus (L.) A.J. Hill 'Striped Beauty'**

W.J. Eldering, 1925; flowers large rounded, violet stripes (36) on white ground, early flowering. (2n=28)

A.M.-B.C. 1927

**vernus (L.) A.J. Hill 'Sultan'**

*vernus 'The Sultan'*

W.J. Eldering; flowers spectrum-violet (735). (2n=c. 30)

**vernus (L.) A.J. Hill 'The Bishop' see vernus (L.) A.J. Hill 'Bishop'**

**vernus (L.) A.J. Hill 'The Sultan' see vernus (L.) A.J. Hill 'Sultan'**

**vernus (L.) A.J. Hill 'Twinborn'**

J. Valkering, 1955; flowers inside uniform violet purple with distinct white stripes, outside outer petals with 8-9 longitudinal purple stripes on white ground, inner petals uniform violet with narrow white border, February-March flowering. (2n=25)

A.M.-B.C. 1955, T.G.A.-B.C. 1955

**vernus (L.) A.J. Hill 'Vanguard'**

Sel. by Tubergen from a Russian form of *vernus*, 1934; flowers outside light mauvette (537), shaded grey, inside paler, very early and rich flowering.

A.M.-B.C. 1938, T.G.A.-B.C. 1944, A.M.-R.H.S. 1983

**vernus (L.) A.J. Hill 'Velvet King'**

Since 1920; flowers small, purple, late flowering.

**vernus (L.) A.J. Hill ssp *vernus***

*banaticus* Heuffel, *heuffelianus* Herbert, *napolitanus* Mord. Laun. & Lois., *purpureus* Weston, *scepusiensis* (Rehmann & Wol.) Borbas

C, S & E Europe from Italy to W USSR, 1765; throat white or purplish, flowers often pale to deep purple, March-June flowering. (2n=8, 10, 12, 15, 16, 18, 19, 20, 22, 23, 24, 32)

A.M.-R.H.S. 1982

**vernus (L.) A.J. Hill 'Victor Hugo'**

W.J. Eldering, 1943; flowers glowing mineral-violet (635), early flowering.

**vernus (L.) A.J. Hill 'Violet Vanguard'**

sport of *vernus 'Vanguard'*

J. Tol; flowers inside heliotrope (636/2), outside mauvette (537).

A.M.-B.C. 1954

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**vernus** (L.) A.J. Hill ‘White Christmas’

C.J. van der Ploeg, 1960; flowers ivory white, anthers orange yellow.  
T.G.A.-B.C. 1963

**vernus** (L.) A.J. Hill ‘White Lady’

G.H. van Waveren, 1905; flowers large, white with violet gloss, mid early  
flowering.  
F.C.C.-B.C. 1915

**versicolor** Ker Gawler

Mountains of SE France, NW Italy, 1574; throat usually pale yellow, flowers  
white to mid-purple, usually conspicuously dark-striped on the outside, February-  
April flowering. (2n=20, 26, 32, 39)

**versicolor** Ker Gawler ‘Cloth of Silver’ see **versicolor** Ker Gawler ‘Picturatus’

**versicolor** Ker Gawler ‘Picturatus’

**versicolor** Ker Gawler ‘Cloth of Silver’

Flowers white feathered purple.

A.M.-R.H.S. 1909

‘Victor Hugo’ see **vernus** (L.) A.J. Hill ‘Victor Hugo’

**vilmae** Fiala see **vernus** (L.) A.J. Hill ssp **albisflorus** (Schultes) Asch. & Graebner

‘Violet Queen’ see **sieberi** Gay ‘Violet Queen’

‘Violet Vanguard’ see **vernus** (L.) A.J. Hill ‘Violet Vanguard’

**vitellinus** Wahlenb.

S Turkey, W Syria, Lebanon, 1826; throat yellow, flowers bright orange-yellow,  
outside sometimes striped or speckled bronze-purple, November-January  
flowering. (2n=8)

**vittatus** Raf. see **reticulatus** Steven ssp **reticulatus**

‘Warley’ see **chrysanthus** (Herbert) Herbert ‘Warley’

**weldenii** Hoppe & Fürnr. see **biflorus** Miller ssp **weldenii** (Hoppe & Fürnr.) B.  
Mathew

‘White Beauty’ see **chrysanthus** (Herbert) Herbert ‘White Beauty’

‘White Christmas’ see **vernus** (L.) A.J. Hill ‘White Christmas’

‘White Lady’ see **vernus** (L.) A.J. Hill ‘White Lady’

‘White Splendour’ see **chrysanthus** (Herbert) Herbert ‘White Splendour’

‘White Triumphant’ see **chrysanthus** (Herbert) Herbert ‘White Triumphant’

‘Whitewell Purple’ see **tommasinianus** Herbert ‘Whitewell Purple’

- 'Yellow Crocus' see *flavus* Weston 'Golden Yellow'  
'Yellow Queen' see *chrysanthus* (Herbert) Herbert 'Yellow Queen'  
'Yellow Tiger' see *korolkowii* Maw 'Yellow Tiger'  
'Zenith' see *chrysanthus* (Herbert) Herbert 'Zenith'  
'Zephyr' see *pulchellus* Herbert 'Zephyr'  
*zohrabii* Maw see *kotschyanus* K. Koch ssp *suworowianus* (K. Koch) B. Mathew  
*zonatus* Gay see *kotschyanus* K. Koch  
'Zwanenburg' see *etruscus* Parl. 'Zwanenburg'  
'Zwanenburg' see *olivieri* Gay ssp *balansae* (Baker) B. Mathew 'Zwanenburg'  
'Zwanenburg Bronze' see *chrysanthus* (Herbert) Herbert 'Zwanenburg Bronze'

## CURTONUS

*Curtonus* N.E. Br. see *Crocosmia* Planchon

Family: Iridaceae

*paniculatus* (Klatt) N.E. Br. see *Crocosmia paniculata* (Klatt) Goldblatt

## CYCLAMEN

*Cyclamen* L.

Family: Primulaceae

Literature: C. Grey-Wilson, The Genus *Cyclamen*, 1988; Flora Europaea III: 25, 1972.

*abchasicum* (Kusn.) Kolak. see *coum* Miller ssp *caucasicum* (K. Koch) O. Schwarz

*adzharicum* Pobed. see *coum* Miller ssp *caucasicum* (K. Koch) O. Schwarz

*aegineticum* Hildebr. see *graecum* Link

*africanum* Boiss. & Reuter

*ambiguum* O. Schwarz, *commutatum* O. Schwarz & Lepper, *neapolitanum* sensu Duby, *numidicum* Glasau

N Africa (Algeria & Tunisia), 1867; flowers pale pink to deep rose-pink with purple or crimson-magenta blotch forming V-shape at base of each lobe, leaf dark bright green, rarely grey-green generally with some marbling, September-November flowering. (2n=34, 68)

A.M.-R.H.S. 1967

'Album' see *coum* Miller ssp *coum* 'Album'

## CYCLAMEN

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'Album' see *hederifolium* Aiton 'Album'

'Album' see *repandum* Sibth. & Smith 'Album'

*aleppicum* Hoffsgg. see *persicum* Miller

*aleppicum* Hoffsgg. ssp *punicum* (Pomel) Glasau see *persicum* Miller

*alpinum* sensu Turrill see *trochopteranthum* O. Schwarz

*ambiguum* O. Schwarz see *africanum* Boiss. & Reuter

'Atkinsii' see *coum* Miller ssp *coum* 'Atkinsii'

*atkinsii* T. Moore

Published as *coum* Miller x *persicum* Miller, which is very unlikely, 1852; flowers rose or white, leaf deep green with silvery markings; plants offered under this name belong to *coum* Miller ssp *coum* 'Atkinsii'.

*atkinsii* T. Moore 'Album' see *coum* Miller ssp *coum* 'Album'

*atkinsii* T. Moore 'Roseum' see *coum* Miller ssp *coum* 'Roseum'

*balearicum* Willk.

*vernus* sensu Cambess., *repandum* sensu Tex., *repandum* sensu Knuth

Balearic Islands and neighbouring region of S France; flowers white with greyish or occasionally pinkish, translucent veins, leaves green or greyish green, with silver or whitish marbling, sometimes covering the entire surface, March-May flowering. (2n=20)

A.M.-R.H.S. 1977

'Bowles' Apollo' see *hederifolium* Aiton 'Bowles' Apollo'

*caucasicum* Boiss. see *coum* Miller ssp *caucasicum* (K. Koch) O. Schwarz

*cilicium* Boiss. & Heldr.

Turkey (S Anatolia), 1872; flowers pale pink to mid-pink with magenta-crimson, often W-shaped blotch at base of each lobe, very rarely pure white, leaves marbled with grey or creamy-white, more or less distinctly toothed September-November flowering. (2n=30)

A.M.-R.H.S. 1952, F.C.C.-R.H.S. 1976

*cilicium* Boiss. & Heldr. forma *album* Frank & Koenen

S Anatolia, intr. 1982; flowers pure white leaves deep green, marbled and splashed white, September/October flowering.

*cilicium* Boiss. & Heldr. var *intaminatum* Meikle see *intaminatum* (Meikle) Grey-Wilson

*circassicum* Pobed. see *coum* Miller ssp *caucasicum* (K. Koch) O. Schwarz

*commutatum* O. Schwarz & Lepper see **africanum** Boiss. & Reuter

**coum** Miller var *abchasicum* Kusn. see **coum** Miller ssp *caucasicum* (K. Koch)  
O. Schwarz

**coum** Miller ssp *alpinum* (Sprenger) O. Schwarz see **trochopteranthum** O. Schwarz

**coum** Miller ssp *caucasicum* (K. Koch) O. Schwarz

*abchasicum* (Kusn.) Kolak., *adzharicum* Pobed., *caucasicum* Boiss., *circassicum* Pobed., *coum* var *abchasicum* Kusn., *ibericum* T. Moore, *vernun* Sweet NE Turkey, S USSR (S. Caucasus), N & NE Iran; flowers pale pink to dark magenta or white, each lobe with deep crimson-magenta or purple-magenta blotch with pair of pink 'eyes', leaves dull green, plain or with irregular silvery, whitish or grey-green marbling, December-April flowering. (2n=30)

**coum** Miller ssp **coum**

*coum* Miller ssp *hiemale* (Hildebr.) O. Schwarz, *durostoricum* Pantu & Solac., *europaeum* Pallas, *hiemale* Hildebr., *hyemale* Salisb., *orbiculatum* Miller, *orbiculatum* Miller var *coum* (Miller) Doorenbos Bulgaria, Turkey, S USSR (Crimea & Caucasus), W Syria, N Lebanon, 1596; flowers pale pink to dark magenta or white, each lobe with deep crimson-magenta or purple-magenta blotch with pair of white 'eyes', leaves dull green, plain or with irregular silvery, whitish or grey-green marbling, December-April flowering. (2n=30)

A.M.-R.H.S. 1956, F.C.C.-R.H.S. 1975

**coum** Miller ssp **coum** 'Album'

*atkinsii* T. Moore 'Album'

Intr. 1646; flowers white with crimson-magenta blotch, leaves plain and unmarked.

F.C.C.-R.H.S. 1868

**coum** Miller ssp **coum** 'Hiemale'

Was used in the past for an early-flowering form of **coum** Miller ssp **coum**

**coum** Miller ssp **coum** 'Pewter Leaf'

*coum* Miller ssp *coum* 'Silver Leaf'

Fine silver-leaved form, not particularly hardy.

**coum** Miller ssp **coum** 'Roseum'

*atkinsii* T. Moore 'Roseum'

Intr. 1893; flowers rose-pink with crimson blotch, leaf attractively silvered.

**coum** Miller ssp **coum** 'Silver Leaf' see **coum** Miller ssp **coum** 'Pewter Leaf'

**coum** Miller ssp *hiemale* (Hildebr.) O. Schwarz see **coum** Miller ssp  
**coum**

## CYCLAMEN

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**creticum** (Doerfler) Hildebr.

*repandum* Sibth. & Smith var *creticum* Doerfler, *hederifolium* Aiton ssp *creticum* (Doerfler) O. Schwarz

Crete, Karpathos; flowers plain white, very rarely flushed with pale pink, leaves greyish green, with rather faint irregular band of silver or grey, often also spotted or streaked with grey or silver, March-May flowering. (2n=22)  
A.M.-R.H.S. 1972

**cyprium** Kotschy

*neapolitanum* sensu Boiss.

W & N Cyprus; flowers white or very pale pink, with conspicuous M-shaped magenta blotch towards base of each lobe, leaves olive-green, marbled with grey or creamy-white, late September-early January flowering. (2n=30)  
A.M.-R.H.S. 1949

**cyprium** Sibth. see *persicum* Miller

**cypro-graecum** E. & N. Mutch see *graeicum* Link

**durostoricum** Pantu & Solac. see *coum* Miller ssp *coum*

**europaeum** L. see *purpurascens* Miller ssp *purpurascens*  
also misapplied for *repandum* Sibth. & Smith ssp *repandum*.

**europaeum** Pallas see *coum* Miller ssp *coum*

**fatrencense** Halda & Sojak see *purpurascens* Miller ssp *purpurascens*

**graeicum** Link

*aegineticum* Hildebr., *cypro-graeicum* E. & N. Mutch, *maritimum* Hildebr.,  
*mindleri* Heldr., *pseudograecum* Hildebr., *pseudomaritimum* Hildebr.

S Greece, Crete, Aegean Islands, W & S Turkey, N Cyprus; flowers pale pink to cerise-pink, with 3 magenta streaks at base of each lobe, outer streaks V-shaped, central undivided, leaf variably marked, though generally in several tones of green, grey or cream, late September-late November flowering. (2n=84)  
A.M.-R.H.S. 1954, F.C.C.-R.H.S. 1973

**hederifolium** Aiton

*linearifolium* DC., *neapolitanum* Ten.

Corsica, Sardinia, Italy, Sicily, Balkan, Greece, Aegean Islands, W Turkey, 1538; flowers pink with purple-magenta blotch forming V-shape at base of each lobe, occasionally white, leaf usually mottled or banded with grey or cream, late August-October (early December) flowering. (2n=34)  
F.C.C.-R.H.S. 1967

**hederifolium** Aiton 'Album'

Intr. 1601; flowers pure white, sometimes with a hint of pink around mouth, leaf dark green or pale.

A.M.-R.H.S. 1937, F.C.C.-R.H.S. 1959

**hederifolium Aiton 'Bowles' Apollo'**

Leaves marked with contrasting patches in pale and dark green and a striking double silver shield.

***hederifolium* Aiton ssp *creticum* (Doerfler) O. Schwarz see *creticum* (Doerfler)  
Hildebr.**

'*Hiemale*' see *coum* Miller ssp *coum* '*Hiemale*'

*hiemale* Hildebr. see *coum* Miller ssp *coum*

*hyemale* Salisb. see *coum* Miller ssp *coum*

*ibericum* T. Moore see *coum* Miller ssp *caucasicum* (K. Koch) O. Schwarz

*intaminatum* (Meikle) Grey-Wilson

*cilicium* Boiss. & Heldr. var *intaminatum* Meikle

W Turkey, 1934; flowers small, white or pale pink, with distinctive grey veins, unblotched, leaves plain green or slightly marbled above, pale green beneath, sometimes flushed with purple, margin indistinctly toothed, September-early November flowering.

A.M.-R.H.S. 1985

*latifolium* Smith see *persicum* Miller

*libanoticum* Hildebr.

Lebanon (mountains of NE Beirut), found by E. Hartmann, 1895; flowers white at first, but gradually turning pale pink or rose-pink, each lobe with small crimson-magenta blotch towards base, leaves dull bluish green, with or without greyish or whitish marbling, February-April flowering. ( $2n=30$ )

A.M.-R.H.S. 1901, F.C.C.-R.H.S. 1958

*libanoticum* Hildebr. ssp *pseudibericum* (Hildebr.) Glasau see *pseudibericum*  
Hildebr.

*linearifolium* DC. see *hederifolium* Aiton

*maritimum* Hildebr. see *graecum* Link

*mindleri* Heldr. see *graecum* Link

*mirabile* Hildebr.

Turkey (SW Anatolia), 1901; flowers pale to deep pink with magenta blotch at base of each lobe, leaves usually marbled with pink, red and/or cream, September-November flowering. ( $2n=30$ )

A.M.-R.H.S. 1976

*neapolitanum* Ten. see *hederifolium* Aiton

*neapolitanum* sensu Boiss. see *cyprium* Kotschy

## CYCLAMEN

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*neapolitanum* sensu Duby see *africanum* Boiss. & Reuter

*numidicum* Glasau see *africanum* Boiss. & Reuter

*orbiculatum* Miller see *coum* Miller ssp *coum*

*orbiculatum* Miller var *alpinum* Saund. see *trochopteranthum* O. Schwarz

*orbiculatum* Miller var *coum* (Miller) Doorenbos see *coum* Miller ssp *coum*  
*parviflorum* Pobed.

NE Turkey; flowers pale purple to pink, each lobe with deep purplish basal  
blotch, leaves dull deep green, unmarbled, January-May flowering. (2n=30)  
A.M.-R.H.S. 1985

*persicum* Miller

*aleppicum* Hoffsgg., *aleppicum* Hoffsgg. ssp *punicum* (Pomel) Glasau, *cyprium*  
Sibth., *latifolium* Smith, *punicum* Pomel, *vernale* Miller

Rhodes, S Turkey, W & S Cyprus, Jordan, Israel, Algeria, N Tunesia; flowers  
white, mauve or pink, often with deep pink or crimson-magenta basal zone  
around mouth, rarely deep pink or red, leaves green and often marbled, late  
December-early May flowering. (2n=48), (2n=72, 96, 136 in cultivars)  
F.C.C.-R.H.S. 1974

'Pewter Leaf' see *coum* Miller ssp *coum* 'Pewter Leaf'

*pseudibericum* Hildebr.

*libanoticum* Hildebr. ssp *pseudibericum* (Hildebr.) Glasau

S Turkey (Adana province), 1895; flowers vivid magenta, sometimes lilac-  
magenta, with chocolate-magenta 'ace of spades'-shaped blotch towards base  
of each lobe, leaf dark green with grey-green or whitish marbling, February-  
May flowering. (2n=30)

A.M.-R.H.S. 1956, F.C.C.-R.H.S. 1967

*pseudograecum* Hildebr. see *graecum* Link

*pseudomaritimum* Hildebr. see *graecum* Link

*punicum* Pomel see *persicum* Miller

*purpurascens* Miller ssp *immaculatum* (Uhrova) Halda & Sojak see *purpurascens*  
Miller ssp *purpurascens*

*purpurascens* Miller ssp *purpurascens*

*europaeum* L., *fatrense* Halda & Sojak, *purpurascens* Miller ssp *immaculatum*  
(Uhrova) Halda & Sojak

Switzerland, S Germany, Austria, Yugoslavia, Czechoslovakia, Poland, Hungary;  
flowers carmine to rose-pink or purple, often with darker veins and rather  
darker towards base, leaves plain deep green or more often marbled with white,  
sometimes rather inconspicuously so, late June-September flowering. (2n=34)  
A.M.-R.H.S. 1946

*repandum* sensu Knuth see **balearicum** Willk.

*repandum* sensu Tex. see **balearicum** Willk.

**repandum** Sibth. & Smith 'Album'

Discovered among seedlings by Kok, 1836; flowers white, faintly stained crimson at the margins.

A.M.-R.H.S. 1952

*repandum* Sibth. & Smith var *creticum* Doerfler see **creticum** (Doerfler) Hildebr.

**repandum** Sibth. & Smith ssp *peloponnesiacum* Grey-Wilson

*repandum* Sibth. & Smith 'Pelops'

Greece (Peloponnese); flowers mid-pink to deep-pink with a magenta zone around mouth, leaves deep green dashed & speckled with silver or white, rarely with distinctive marbled zone, March-early May flowering. ( $2n=20$ )

A.M.-R.H.S. 1968

*repandum* Sibth. & Smith 'Pelops' see **repandum** Sibth. & Smith ssp *peloponnesiacum* Grey-Wilson

**repandum** Sibth. & Smith ssp **repandum**

*vernale* sensu O. Schwarz

S France, Corsica, Sardinia, Italy, W Yugoslavia, ?Albania, Greece, 1574; flowers deep carmine-red, deeper around mouth, rarely pure white, leaves deep green, generally with broad irregular marbled hastate pattern in silver or grey, March-May flowering. The name *europaeum* L. is misapplied to this subspecies. ( $2n=20$ )

A.M.-R.H.S. 1959, F.C.C.-R.H.S. 1973

**rohlfsianum** Autran & Durand

Libya (Cyrenaica), 1929; flowers pink with purplish magenta zone towards base of each lobe, leaves bright shiny green, generally with distinctive silvery or greyish green marbling, forming a broad uneven band, September-November flowering. ( $2n=96$ )

A.M.-R.H.S. 1951

'Roseum' see **coum** Miller ssp **coum** 'Roseum'

'Silver Leaf' see **coum** Miller ssp **coum** 'Pewter Leaf'

**trochopteranthum** O. Schwarz

*alpinum* sensu Turrill, **coum** Miller ssp *alpinum* (Sprenger) O. Schwarz, *orbiculatum* Miller var *alpinum* Saund.

Turkey (S.W. Anatolia); flowers rose-pink to deep carmine-pink, each lobe with dark magenta-purple blotch at base, leaves deep green, with paler grey-green or creamy-white marbling, late February-late April flowering. ( $2n=30$ )

## CYCLAMEN

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*vernale* Miller see *persicum* Miller

*vernale* sensu O. Schwarz see *repandum* Sibth. & Smith ssp *repandum*

*vernum* sensu Cambess. see *balearicum* Willk.

*vernum* Sweet see *colum* Miller ssp *caucasicum* (K. Koch) O. Schwarz

## CYPPELLA

*Cypella* Herbert

Family: Iridaceae

Literature: The European garden flora I: 358, 1986.

*coelestis* (Lehm.) Diels

*plumbea* Lindl., *Ferraria coelestina* hort.

S Brazil, Uruguay, N Argentina, Paraguay, 1838; inflorescence unbranched, flowers dull blue with brownish shading and yellow-brown spots in the cup formed by the base of the segments, inner segments with a yellow patch, and with hairs on the claw, style bluish lilac, late summer flowering.

*coelestis* (Lehm.) Diels 'Platensis'

Flowers greyish lilac, spotted clear blue.

*herbertii* (Lindl.) Herbert

*Moraea herbertii* Lindl.

S Brazil, Uruguay, N Argentina, Paraguay, 1823; inflorescence usually much branched, flowers 4-6 cm across, outer perianth-segments dull orange-yellow with a violet central stripe, claw concave, inner perianth-segments much smaller, yellow spotted with purple, rolled towards the tip, stigma purple, summer flowering. (2n=14)

'Platensis' see *coelestis* (Lehm.) Diels 'Platensis'

*plumbea* Lindl. see *coelestis* (Lehm.) Diels

## CYRTANTHUS

*Cyrtanthus* Aiton

Syn: *Vallota* Herbert

Family: Amaryllidaceae

Literature: Hortus Third: 357, 1976; O.M. Hilliard & B.L. Burtt, Notes on some plants of S Africa chiefly from Natal (XII), in Notes from the R.B.G. Edinburgh 43: 189-191, 1986; F. Holford, Cyrtanthus in the cool greenhouse, The Plantsman 11: 170-175, 1989.

'Alba' see *elatus* (Jacq.) Traub 'Alba'

**angustifolius** (L.f.) Aiton

S Africa (SW Cape Province), 1773; flowers flaring at the mouth, reddish orange, c. 5 cm long, stem hollow, reddish on the lower part, c. 30 cm high, leaves appearing after the flowers, narrow, late summer-early autumn flowering.

**'Atalanta'**

K.C. Stein; flowers outside coral-pink (37a), inside pale coral-pink (37b).

**brachyscyphus** Baker

*parviflorus* Baker

S Africa (Cape Province); flowers small, perianth bright red, slightly recurved.

(2n=16)

A.M.-R.H.S. 1896

**contractus** N.E. Br.

S Africa (E Cape Province, Natal, Transvaal), 1898; flowers rose-coloured, inclined to be a little redder on occasion, c. 5 cm long, leaves long, grasslike, appearing soon after the flowers, usually spring-early summer flowering.

'Delicata' see *elatus* (Jacq.) Traub 'Delicata'

***elatus*** (Jacq.) Traub

*speciosus* (L.f.) Traub, *Amaryllis elata* Jacq., *Crinum speciosum* L.f., *Vallota purpurea* (Aiton) Herbert, *Vallota speciosa* (L.f.) T. Durand & Schinz

S Africa, 1774; flowers scarlet with whitish marks in throat or a white centre, 7-10 cm long, and about as wide, leaves bright green, stem 30-60 cm, summer-autumn flowering. (2n=16)

A.M.-R.H.S. 1954

***elatus*** (Jacq.) Traub 'Alba'

Flowers white.

***elatus*** (Jacq.) Traub 'Delicata'

Flowers soft salmon-pink.

**'Euterpe'**

K.C. Stein; flowers small, ivory-white.

***falcatus*** R.A. Dyer

S Africa (Natal), 1939; flowers intermediate between red and pink with a hint of yellow on the outside of the tube, more than 5 cm, stems spotted with purple, up to 45 cm high, leaves appearing with the flowers, broader than in most of the other species, early spring flowering.

***galpinii*** Baker

S Africa (Transvaal, Zululand), 1892; dwarf species, flowers scarlet to rich pink, only 1, seldom 2 per stem, leaves 1, appearing after the flowers, August flowering.

## CYRTANTHUS

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### **huttonii** Baker

S Africa (E Cape Province, E Transvaal), 1864; flowers varying from orange-red to deep red, yellow on the inside, wider than most of the other species, numerous, stem strong, hollow, c. 30 cm, leaves appearing with the flowers, tapering quickly, late April-Early May flowering.

*lutescens* Herbert var *cooperi* (Baker) see *mackenii* J.D. Hook. var *cooperi* (Baker) R.A. Dyer

*lutescens* Herbert see *ochroleucus* (Herbert) Burchell

### **mackenii** J.D. Hook.

S Africa (Natal), 1868; scape slightly glaucous, spathes 2, spotted with red-brown when young, perianth pure white or cream, fragrant, style projecting, summer flowering. ( $2n=16$ )

### **mackenii** J.D. Hook. var *cooperi* (Baker) R.A. Dyer

*lutescens* Herbert var *cooperi* Baker

S Africa, 1863; perianth cream or yellow. ( $2n=16$ )

### **obliquus** (L.f.) Aiton

S Africa (Cape Province), 1774; scape green, tinged with purple, spathes 4, perianth yellow and red, sometimes tinged with green, spring-summer flowering. ( $2n=16, 22$ )

F.C.C.-R.H.S. 1895

### **obrienii** Baker

S Africa (E Cape, Drakensberg Mountains), 1894; flowers bright scarlet, large, leaves bright green, appearing before the flowers, early January, February flowering.

### **ochroleucus** (Herbert) Burchell

*lutescens* Herbert

S Africa (Cape Province), 1836; scape green, spathes 2, perianth pale yellow, winter flowering. ( $2n=16$ )

*parviflorus* Baker see *brachyscyphus* Baker

*purpureus* (Aiton) Herbert see *elatus* (Jacq.) Traub

### 'Royal Splendour'

*elatus* (Jacq.) Traub x *sanguineus* (Lindl.) Walp.

K.C. Stein, 1964; flowers inside shrimp-red (CC 33c/d), deep in throat greenish, petals mandarin-orange, anthers small, light yellow, outside shrimp-red (CC 33c), midvein vague greenish.

A.M.-B.C. 1976

**sanguineus** (Lindl.) Walp.

S Africa (Cape Province, Natal), 1836; scape green, spathes 2, perianth bright red, summer flowering. (2n=16)

F.C.C.-R.H.S. 1863

**speciosus** (L.f.) Traub see **elatus** (Jacq.) Traub

**'Themis'**

K.C. Stein; flowers large, outside azalea-pink (41c), inside jasper-red (39c).

**tuckii** Baker

S Africa (SE Transvaal, Natal, E Cape Province), 1884; flowers blood-red with a hint of yellow at the base, leaves spirally twisted, appearing with the flowers, spring flowering.

**'Yellow Star'**

Flowers large, golden yellow.

## DICHELOSTEMMA

**Dichelostemma** Kunth

Family: Liliaceae

Closely related to **Brodiaea** Smith and **Triteleia** Lindl.

Syn: *Brevoortia* Alph. Wood

Literature: The European garden flora I: 248-249, 1986; T.F. Niehaus, The Brodiaea complex, The four seasons 6(1): 11-21, 1980; Hortus third: 381, 1976.

**congestum** (Smith) Kunth

*Brodiaea congesta* Smith

USA (Washington to N California), 1806; flower purple, in short raceme, with 3 white corona projections, tips bilobate, lobes about equalling the tube, scape 30-90 cm, June-July flowering. (2n=36)

A.M.-R.H.S. 1932

**ida-maia** (Alph. Wood) E. Greene

*Brevoortia ida-maia* Alph. Wood, *Brodiaea coccinea* A. Gray, *Brodiaea ida-maia* (Alph. Wood) E. Greene

USA (Oregon, California), 1870; flower bright red, with greenish yellow tips, lobes much shorter than tube, recurved, scape 30-90 cm, May-June flowering. (2n=48)

**miltiflorum** (Benth.) A.A. Heller

*Brodiaea multiflora* Benth., *Brodiaea parviflora* Torrey

USA (S Oregon, N California), 1872; flower pale to dark purple, in globular umbel, with 3 white corona projections, tips entire, lobes about equalling tube, widely spreading, tube much constricted above ovary, scape 20-80 cm, summer flowering. (2n=18, 36, 45)

## DICHELOSTEMMA

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**pulchellum** (Salisb.) A.A. Heller

*Brodiaea capitata* Benth., *Brodiaea pulchella* (Salisb.) E. Greene

USA (Oregon to California, E to Utah), 1871; flower white to purple, lobes equalling or exceeding tube, stamens 6, usually numerous flowers per inflorescence, scape 30-60 cm, leaves keeled, May flowering. ( $2n=18, 36, 45, 54, 72$ )

## DIERAMA

**Dierama** K. Koch

Family: Iridaceae

Literature: The European garden flora I: 380, 1986; Hortus Third: 384-385, 1976.

**pendulum** (L.f.) Baker

*Sparaxis pendula* (L.f.) Ker Gawler

S & E tropical Africa, N to Ethiopia; perianth pink, lobes about 2 cm, smaller than **pulcherrimum** (J.D. Hook.) Baker, summer flowering.

**pulcherrimum** (J.D. Hook.) Baker

*Sparaxis pulcherrima* J.D. Hook.

S Africa; perianth usually deep purple, lobes densely tufted, eventually forming a large clump, late summer flowering.

## DIOSCOREA

**Dioscorea** L.

Family: Dioscoreaceae

Literature: The European garden flora I: 330, 1986.

**balcanica** Kosanin

SW Yugoslavia & N Albania; flowers small, yellow, sweet scented, root-tubers to 2 cm in diameter, stem terete, twining clockwise, to 1.5 cm or more, leaves alternate or almost opposite, ovate or heart-shaped, early summer flowering.

**japonica** Murray

Japan; inflorescence spicate, flowers white, many male flowers, few female flowers, root fleshy, cylindric, stems branched, leaves opposite, sometimes alternate, narrowly oblong-deltoid, 5-10 cm long, green, glabrous.

**pyrenaica** Bubani & Bordère

Pyrenees; inflorescences racemes, several male flowers, female flowers 1-3, white, 0.2 cm long, tuber, plant 5-25 cm, June-September flowering.

## DRACUNCULUS

**Dracunculus** Schott

Family: Araceae

Literature: The European garden flora II: 106, 1984.

**vulgaris** Schott

*Arum dracunculus* L.

Mediterranean, from Corsica to S Turkey; leaf-stalk marbled or spotted with dark purple, blade often spotted or striped with white, inflorescence-stalk longer than leaf-sheaths, spadix with zones of male and female florets adjacent, sterile florets present above the male zone, appendix almost equalling the spathe, stout, blackish red, early summer flowering. ( $2n=32$ )

## ELISENA

*Elisena* Herbert see *Hymenocallis* Salisb.

Family: Amaryllidaceae

*longipetala* Lindl. see *Hymenocallis longipetala* (Lindl.) J.F. Macbr.

## ENDYMION

*Endymion* Dumort. see *Hyacinthoides* Fabr.

Family: Liliaceae

*hispanicus* (Miller) Chouard see *Hyacinthoides hispanica* (Miller) Rothm.

*italicus* (L.) Chouard see *Hyacinthoides italicica* (L.) Rothm.

*non-scriptus* (L.) Garcke see *Hyacinthoides non-scripta* (L.) Rothm.

*nutans* (Smith) Dumort. see *Hyacinthoides non-scripta* (L.) Rothm.

*patulus* Dumort. see *Hyacinthoides hispanica* (Miller) Rothm.

## ERANTHIS

**Eranthis** Salisb.

Family: Ranunculaceae

Literature: The European garden flora III: 331, 1989.

**cilicica** Schott & Kotschy

Turkey, 1892; flowers yellow, leaves deeply divided, emerging bronze; probably synonymous with *hyemalis* (L.) Salisb. ( $2n=16$ )

'Glory' see *tubergenii* Bowles 'Glory'

'Guinea Gold' see *tubergenii* Bowles 'Guinea Gold'

## ERANTHIS

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### **hyemalis** (L.) Salisb.

S Europe, N Iraq, Afghanistan; 1570; flowers yellow, leaves less deeply divided, emerging green. (2n=16)

### **longistipitata** Regel

Japan; miniature plant with thin green leaves, flowers 1-2 cm, white with purple anthers.

### **pinnatifida** Maxim.

Japan; flowers stalked, white, basal and involucral leaves pinnatifid.

### **siberica** DC.

E Siberia; like **hyemalis** (L.) Salisb., but smaller; segments 5, elliptic.

### **tuberigenii** Bowles

hybrids of **cilicica** Schott & Kotschy x **hyemalis** (L.) Salisb.

Tubergen 1922; flowers lemon-yellow (4), large, sterile.

A.M.-B.C. 1922, F.C.C.-B.C. 1923, A.M.-R.H.S. 1924, A.G.M.-R.H.S. 1928

### **tuberigenii** Bowles 'Glory'

Tubergen; flowers large, yellow, leaves bright green.

### **tuberigenii** Bowles 'Guinea Gold'

Tubergen; flowers deep yellow, shaded bronze, sweet scented, late flowering.

A.M.-R.H.S. 1979

## EREMURUS

### **Eremurus** M. Bieb.

Family: Liliaceae

Literature: The European garden flora I: 129-130, 1986; Supplement to the dictionary of gardening, 2nd ed.: 279-280, 1969.

### 'Aad Ro'

N.C. Ruiter, intr. by A.P.M. Rodenburg, 1985; flowers orient pink (CC 36b) with brick-red vein, inside centre greenish yellow, filaments white, anthers cadmium-orange, flower-bud brick-red (CC 35d) with darker vein.

### **atchisonii** Baker

*elwesii* M. Micheli, *robustus* (Regel) Regel var *elwesianus* hort., *robustus* (Regel) Regel var *elwesii* (M. Micheli) Leichtlin

E Afghanistan, Soviet C Asia, 1881; flowers pale pink, occasionally white, hairless, raceme, loosely-flowered, 30 cm, May flowering. (2n=14)

A.M.-B.C. 1938

'Albus' see *robustus* (Regel) Regel 'Albus'

'Alpha' Tubergen; bronze yellow.

A.M.-B.C. 1926, F.C.C.-B.C. 1936

**bucharicus** Regel

Afghanistan, Soviet C Asia; flowers white or pale pink, perianth-segment 13-15 mm, recurved, scape 80-100 cm, hairless, or downy at base, raceme loosely flowered, summer flowering. (2n=14)

*bungei* Baker see *stenophyllus* (Boiss. & Buhse) Baker

**'Citronella'**

F.C. Stern; flowers deep sulphur-yellow.  
A.M.-R.H.S. 1935

**'Cleopatra'**

N.C. Ruiter, 1956; flowers spanish-orange (CC 26d), outside with dark red rib, anthers orange, buds burnt-orange (CC 31b).

**comosus** O. Fedtsch.

Soviet C Asia, Afghanistan, W Pakistan, 1904; flowers pinkish brown, leaf broadly linear, hairless, margins smooth, scape downy, to 100 cm, hairless, raceme 40-60 cm, summer flowering.

**'Copperboy'**

N.C. Ruiter, 1956; flowers amber-yellow (505/1), inside mimosa-yellow (602/2).

**'Copper Glow'**

N.C. Ruiter, 1960; flowers barium-yellow (CC 10a) with pink suffusion, outside distinct purple-rose midrib, centre yellow-green.

**'Dawn'**

F.C. Stern; flowers soft yellow, suffused with rosy pink buds.  
A.M.-R.H.S. 1933

*elwesianus* var *albus* hort. see *robustus* (Regel) Regel 'Albus'

*elwesii* M. Micheli see *atchisonii* Baker

**'Emmy Ro'**

N.C. Ruiter, intr. by A.P.M. Rodenburg, 1984; flowers transparent naples-yellow (CC 11a), anthers tangerine-orange outside carrot-red (CC 29b), midrib rust-brown.

**'Finale'**

N.C. Ruiter, 1979; flowers primrose-yellow (CC 4a), anthers nasturtium-orange (CC 25b).

**'Flair'**

*isabellinus* J. Vilm. x *atchisonii* Baker  
F.C. Stern; flowers golden yellow, shaded pink, very large.  
A.M.-R.H.S. 1932

## EREMURUS

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### 'Golden Torch'

F.C. Stern; massive spikes of rich glowing golden yellow.  
A.M.-R.H.S. 1934

### 'Harmony'

N.C. Ruiter, 1956; flowers shell-pink (516/1), inside lemon-yellow.

### 'Highdown Gold'

F.C. Stern; golden flowers, suffused with orange.  
A.M.-R.H.S. 1928

'Highdown Hybrids' see *isabellinus* J. Vilm.

### *himalaicus* Baker

Afghanistan, NW Himalaya, 1811; flowers white, scape to 250 cm, hairless, raceme densely-flowered, to 90 cm, May flowering. (2n=14)  
F.C.C.-R.H.S. 1891

### 'Himrob'

*himalaicus* Baker x *robustus* (Regel) Regel  
P.W. Voet, 1903; flowers rosy white.

### 'Image'

N.C. Ruiter, 1956; flowers dresden-yellow (CC 5a), outside chartreuse-green (CC 1c).

### *inderiensis* Regel

Soviet C Asia, Iran, Afghanistan; flowers reddish-brown with dirty greenish nerves, scape 70-120 cm, raceme very narrow.

### *isabellinus* J. Vilm.

'Highdown Hybrids', 'Shelford Hybrids', *shelfordii* hort., *warei* Mottet

*stenophyllus* (Boiss. & Buhse) Baker x *olgae* Regel

M. Foster, 1902; flowers vary from white to yellow, bronze, orange, pink, salmon-pink or purplish

### 'Isobel'

Tubergen; pink with orange shade.  
A.M.-B.C. 1926

### 'Karavaan'

N.C. Ruiter, 1956; flowers inside barium-yellow (CC 10a), outside barium-yellow, shaded pink, midrib reddish-brown.  
A.M.-B.C. 1965

### 'Lady Falmouth'

F.C. Stern; flowers orange-buff.  
A.M.-R.H.S. 1938

**'Moneymaker'**

W. Hey, 1982; flowers naples-yellow (CC 11a) with lighter vein, anthers nasturtium-orange.

**'Oase'**

N.C. Ruiter, 1956; flowers pale phlox-pink (CC 56b), midrib red-brown.

**'Obelisk'**

N.C. Ruiter, 1956; flowers inside white, centre pale green, outside white, midrib green.

A.M.-B.C. 1965

**'Odessa'**

N.C. Ruiter, intr. by A.P.M. Rodenburg; flowers chartreuse-green (CC 1c), filaments chartreuse, anthers orange yellow, flower-bud primrose-yellow (CC 4c) with green vein.

**olgae Regel**

N Iran, N Afghanistan, Soviet C Asia, 1873; flowers pale pink, or sometimes white with yellow base, scape 60-160 cm, downy at base, late summer-autumn flowering. ( $2n=14$ )

**'Oriental Beauty'**

N.C. Ruiter, 1960; flowers canary-yellow (CC 7a), outside with distinct little green midrib, centre pale green.

**'Parade'**

N.C. Ruiter, 1956; flowers orient-pink (CC 27c,d), midrib purple brown.  
A.M.-B.C. 1965

**'Paradiso'**

W. Schoehuys, 1935; flowers mimosa-yellow (CC 8c), buds apricot (CC 24a), outside with purple midrib, anther pale orange.  
A.M.-B.C. 1965

**'Pinokkio'**

W. Hey, 1989; flowers chrome-yellow (CC 15c), anthers nasturtium-orange (CC 25a).

**'Primrose Queen'**

**'Roford' x aitchisonii Baker**  
G. Lubbe & Son; flowers primrose-yellow (601), anther orange.  
A.M.-B.C. 1954

**robustus (Regel) Regel**

Afghanistan, Soviet C Asia, 1871; flowers pink, occasionally white, scape hairless, raceme to 100 cm, bearing up to 800 flowers, summer flowering. ( $2n=14$ )

## EREMURUS

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**robustus** (Regel) Regel 'Albus'

*elwesianus* var *albus* hort.

Flower white.

F.C.C.-B.C. 1912

**robustus** (Regel) Regel var *elwesianus* hort. see *atchisonii* Baker

**robustus** (Regel) Regel var *elwesii* (M. Michelii) Leichtlin see *atchisonii* Baker

**'Roford'**

**robustus** (Regel) Regel x *isabellinus* J. Vilm.

G. Lubbe & Son; flowers salmon, anther orange.

A.M.-B.C. 1948, F.C.C.-B.C. 1949

**'Romance'**

N.C. Ruiter, 1956; flowers salmon (412/1).

**'Rosalind'**

Tubergen; rose pink (427/2).

**'Rose Queen'**

**robustus** (Regel) Regel x *isabellinus* J. Vilm.

G. Lubbe & Son; flowers peach pink.

A.M.-B.C. 1944

**Ruiter-hybrid**

selection of *isabellinus* J. Vilm

N.C. Ruiter; flowers earlier than *isabellinus*. Could formerly be recognized as a separate group based on the flowering period.

**'Sahara'**

N.C. Ruiter, 1956; flowers inside pale coral-pink (CC 38d) and barium-yellow (CC 10), outside coral-pink (CC 38c), midrib purple.

*'Shelford Hybrids'* see *isabellinus* J. Vilm.

*shelfordii* hort. see *isabellinus* J. Vilm.

**sogdianus** (Regel) Benth. & Hook.

Afghanistan, Soviet C Asia; flowers outside yellowish green, inside white with green veins, scape 60-160 cm, downy at base, summer flowering; very much like *isabellinus* J. Vilm.

**spectabilis** M. Bieb.

SW Asia, Soviet C Asia; flowers pale yellow flushed with green, perianth-segment glaucous-green, scape 75-150 cm, hairless, raceme to 80 cm, June flowering.

**stenophyllum** (Boiss. & Buhse) Baker

*bungei* Baker

Soviet C Asia, Afghanistan, Iran, W Pakistan, 1834; flowers bright yellow, turning orange then brownish with age, scape 30-150 cm, hairless, raceme densely-flowered, June flowering. (2n=14)

A.M.-B.C. 1914

**'Sulphur Beauty'**

*isabellinus* J. Vilm. x 'Roford'

G. Lubbe & Son; flowers sulphur-yellow (1/2) early flowering.

A.M.-B.C. 1957, F.C.C.-B.C. 1959

**'Sunset'**

F.C. Stern, 1948; flowers shell-pink (516/2), anthers yellow.

A.M.-R.H.S. 1948

**'Tender Beauty'**

G. Lubbe & Son; flowers chartreuse-green (663/1) anthers orange-yellow.

A.M.-B.C. 1961, F.C.C.-B.C. 1962

**'Tubergenii'**

*stenophyllum* (Boiss. & Buhse) Baker x *himalaicus* Baker

Tubergen, 1907; flowers dresden-yellow (64/1-3), scape up to 240 cm, early flowering.

A.M.-B.C. 1914

*warei* Mottet see *isabellinus* J. Vilm.

**'White Beauty'**

Tubergen; flowers pure white.

## ERYTHRONIUM

### Erythronium L.

Family: Liliaceae

Literature: The European garden flora I: 177-178, 1986; Flora Europaea 5: 28, 1980.

#### ***albidum*** Nutt.

*meochoreum* Knerr

CE N-America (Ontario & W New York to Kentucky, Arkansas & Texas); perianth white with a pale bluish or pinkish tinge outside and a yellow base inside, basal appendages absent, anthers yellow, stigma with spreading lobes, leaves green or mottled, flower-stalk to 30 cm, bearing a solitary flower, spring-summer flowering. (2n=22, 24, 44)

## ERYTHRONIUM

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### **americanum** Ker Gawler

E N-America (Nova Scotia to Minnesota, Florida to Alabama); perianth golden yellow, often spotted with brownish purple at the base inside, the inner ones with small basal appendages, anthers yellow or brown, stigma-lobes short, leaves mottled, flower-stalks to 30 cm, bearing a solitary flower, spring-summer flowering. (2n=24, 48)

'*Anna Carolina*' see **dens-canis** L. '*Anna Carolina*'

### **californicum** Purdy

W USA (SW Oregon, NW California), 1904; perianth white to cream with greenish yellow base inside, with a band of yellow, orange or brown, basal appendages present, anthers white, stigma with short, erect to spreading lobes, leaves strongly mottled, flower-stalk 10-35 cm, bearing 1-3 flowers, spring flowering. (2n=24)

A.M.-R.H.S. 1935

*californicum* Purdy var *bicolor* Purdy see *helenae* Appleg.

### **caucasicum** Woronov

USSR (SW Caucasus); flowers solitary, creamy white, large, leaves mottled brown and pale green, flowering early.

'*Charmer*' see **dens-canis** L. '*Charmer*'

### **citrinum** S. Watson

W USA (SW Oregon, NW California); perianth creamy white to pale yellow with a greenish yellow base inside, inner segments with basal appendages, anthers white, stigma entire or slightly lobed, leaves mottled, flower-stem to 30 cm, bearing 1-3 flowers, spring flowering.

### **dens-canis** L.

Europe, Asia; perianth rose-pink to purple, sometimes white, with a pale yellow or brownish base inside, with a band of brown or purplish markings, inner segments with basal appendages, anthers blue to purple, stigma deeply lobed, leaves mottled, spring flowering. (2n=24)

### **dens-canis** L. '*Anna Carolina*'

Flowers violet.

### **dens-canis** L. '*Charmer*'

Tubergen; flowers white, large brown basal spot, shaded lilac, inside pale lilac with brown ring, centre greenish, leaves brownish, irregularly mottled.

T.G.A.-B.C. 1960

### **dens-canis** L. '*Frans Hals*'

Flowers outside imperial-purple (33-1/2), with greenish bronze basal spot, inside imperial-purple (33/1), centre greenish yellow.

**dens-canis L. var japonicum (Decne.) Baker**

*japonicum* Decne.

Japan, Korea; perianth violet-purple with a dark, often 3-lobed mark at the base inside. ( $2n=24$ )

**dens-canis L. 'Lilac Wonder'**

N. Roozen; flowers outside imperial-purple (33/3), chocolate-brown basal spot, inside imperial-purple (33), with inconspicuous brown fractiflex ring.

A.M.-B.C. 1943

**dens-canis L. 'Pink Perfection'**

Flowers clear pink, early flowering.

**dens-canis L. 'Purple King'**

G.C. van Meeuwen, 1937, intr. by L. Slikker; flowers cyclamen-purple (30/3), centre spotted and striped soft brown with white margin.

T.G.A.-B.C. 1960

**dens-canis L. 'Rose Queen'**

Flowers pink.

**dens-canis L. var sibiricum Fischer & C. Meyer**

Flowers deep pink, leaves mottled, larger than the type.

**dens-canis L. 'Snowflake'**

Flowers pure white.

**dens-canis L. 'White Splendour'**

Tubergen; flowers outside white with dark red brownish basal spot, inside white centre, anthers white, leaves mottled.

T.G.A.-B.C. 1961

'Frans Hals' see **dens-canis L. 'Frans Hals'**

*giganteum* misapplied see **grandiflorum** Pursh

*giganteum* misapplied see **oregonum** Appleg.

**grandiflorum** Pursh

*giganteum* misapplied, *grandiflorum* ssp *candidum* Piper, *grandiflorum* ssp *chrysanthrum* Appleg., *grandiflorum* var *pallidum* St. John  
W N-America (S British Columbia to Oregon & Utah), intr. by D. Douglas, 1826; perianth golden-yellow with a paler base and well-developed basal appendages, anthers dark red, or sometimes yellow or white, stigma with long, recurved lobes, leaves not mottled, flower-stem 30-60 cm, bearing 1-several flowers, spring-summer flowering. ( $2n=24$ )

*grandiflorum* Pursh ssp *candidum* Piper see **grandiflorum** Pursh

## ERYTHRONIUM

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*grandiflorum* Pursh ssp *chrysanthrum* Appleg. see *grandiflorum* Pursh

*grandiflorum* Pursh var *pallidum* St. John see *grandiflorum* Pursh

*hartwegii* S. Watson see *multiscapoideum* (Kellogg) Nelson & Kellogg

*helenae* Appleg.

*californicum* Purdy var *bicolor* Purdy

W USA (N California); flowers 1-4, white with a yellow centre, segments with basal appendages, leaves always strongly mottled.

A.M.-R.H.S. 1985

*hendersonii* S. Watson

W USA (SW Oregon, NW California); 1887; perianth lavender-blue, purple base inside with indistinct yellowish band, inner segments with basal appendages, filaments purple, anthers brownish or bluish, stigma entire or almost so, leaves mottled, flower-stem to 30 cm, bearing 1-10 flowers, spring-summer flowering. (2n=24)

*howellii* S. Watson

W USA (S Oregon, NW California); perianth white or pale yellow, with an orange or yellow base inside, lacking basal appendages, anthers white, stigma almost entire, leaves mottled, flowers-stem to 20 cm, bearing 1-4 flowers, spring flowering.

*japonicum* Decne. see *dens-canis* L. var *japonicum* (Decne.) Baker

'Jeanette Brickell'

*tuolumnense* Appleg. x *oregonum* Appleg.

E.C. Anderson, 1956, named in 1978; slightly mottled leaves and up to seven flowers with reflexing ice-white petals and large central zone, spring flowering.

'Jeannine'

W.P. van Eeden, 1984; flowers sulphur-yellow (CC 6c), centre aureolin (CC 12a), anthers chinese-yellow (CC 16a), stem 30-40 cm, spring flowering.

A.M.-B.C. 1984

*johnsonii* (Bolander) Purdy see *revolutum* Smith

'Kondo'

*tuolumnense* Appleg. x *revolutum* Smith

L. Slikker; flowers sulphur-yellow (1/1), to centre with brown ring, leaves lighter mottled than 'Pagoda'.

A.M.-B.C. 1960, T.G.A.-B.C. 1963, F.C.C.-B.C. 1962

'Lilac Wonder' see *dens-canis* L. 'Lilac Wonder'

*mesochoreum* Knerr see *albidum* Nutt.

**multiscapoideum** (Kellogg) Nelson & Kellogg

*purdyi* hort., *hartwegii* S. Watson

W USA (N California), 1898; perianth white with a pale greenish yellow base inside, the inner segments with small basal appendages, anthers white, stigma with long, recurved lobes, leaves mottled, flower-stems to 20 cm, apparently bearing solitary flowers (flowers born in umbel with stem below ground-level), spring flowering. (2n=24)

**oregonum** Appleg.

*giganteum* misapplied

W N-America (British Columbia to Oregon); perianth white to pink, tinged with brown or reddish at base outside, and with a yellow base inside, above which are zigzag marks of orange-brown, basal appendages present, filaments broadened at base, anthers yellow or white, stigma with long recurved lobes, leaves mottled, spring flowering. (2n=36)

**'Pagoda'**

**tuolumnense** Appleg. x **revolutum** Smith '**White Beauty**'

(L. Slikker) Walter Blom & Sons; flowers dresden-yellow (64), to centre with brown ring, stem 20-30 cm.

A.M.-B.C. 1959, F.C.C.-B.C. 1963, T.G.A.-B.C. 1963

'*Pink Beauty*' see *revolutum* Smith '*Pink Beauty*'

'*Pink Perfection*' see *dens-canis* L. '*Pink Perfection*'

*purdyi* hort. see *multiscapoideum* (Kellogg) Nelson & Kellogg

'*Purple King*' see *dens-canis* L. '*Purple King*'

**revolutum** Smith

*johnsonii* (Bolander) Purdy, *revolutum* var *johnsonii* (Bolander) Purdy, *revolutum* var *smithii* (Hook.) Orc.

W N-America (British Columbia to N California); perianth rose-pink with 1 or 2 yellow bands at the base inside, and with basal appendages, filaments broadened at base, anthers yellow, stigma with recurved lobes, leaves mottled, flower-stem 15-40 cm, bearing 1-several flowers, spring-summer flowering. (2n=24)

*revolutum* Smith var *johnsonii* (Bolander) Purdy see *revolutum* Smith

**revolutum** Smith '**Pink Beauty**'

Flowers deep lavender-pink.

**revolutum** Smith '**Rose Beauty**'

Sel. by C. Purdy, 1935; flowers deep pink, leaves mottled dark brown.

A.M.-B.C. 1938

*revolutum* Smith var *smithii* (Hook.) Orc. see *revolutum* Smith

## ERYTHRONIUM

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### **revolutum** Smith ‘White Beauty’

Flowers pure white, with brown basal spots.  
A.M.-B.C. 1938, A.M.-R.H.S. 1964

### ‘Rose Beauty’ see **revolutum** Smith ‘Rose Beauty’

### ‘Rose Queen’ see **dens-canis** L. ‘Rose Queen’

### ‘Snowflake’ see **dens-canis** L. ‘Snowflake’

### **tuolumnense** Appleg.

W USA (C California); perianth golden yellow with a greenish base and 1 or 2 pairs of basal appendages, anthers yellow, stigma entire or almost so, leaves not mottled, flower-stem to 30 cm, bearing 1-several flowers, spring flowering. (2n=24)

A.M.-B.C. 1938, A.M.-R.H.S. 1971, A.M.-R.H.S. 1975

### **umbilicatum** Parks & Hardin

USA (Virginia to Florida), 1963; very much like **americanum**, but apex of capsule dipped and not pointed, rounded or beaked, stem bends after flowering so the capsule touches the ground, segments without basal lobes.

### ‘White Beauty’ see **revolutum** Smith ‘White Beauty’

### ‘White Splendour’ see **dens-canis** L. ‘White Splendour’

## EUCHARIS

### **Eucharis** Planchon & Linden

Family: Amaryllidaceae

Literature: The European garden flora I:322-323, 1986; A.W. Meerow, Systematics of the Amazon Lilies, *Eucharis* and *Caliphruria* (Amaryllidaceae), Ann. Missouri Bot. Garden 76(1): 136-220, 1989.

### **amazonica** Planchon

Peru, Ecuador; leaves several on each flowering bulb, inflorescence-stalk with about 8 flowers, flowers fragrant, corona with a obtuse lobe on either side of each filament, summer, winter and occasionally at other times flowering; sometimes incorrectly called *grandiflora*. (2n=68)

*amazonica* misapplied see *grandiflora* Planchon & Linden

### **candida** Planchon & Linden

Colombia; leaves 1 per bulb at flowering time, flowers not scented, perianth-lobes recurved, the outer differing from the inner in being oblong, twice as long as wide, corona less distinctly lobed; similar to *amazonica* Planchon. (2n=46)

**grandiflora** Planchon & Linden

*amazonica* misapplied

**sanderi** Baker x **moorei** (Baker) Meerow

Flowers 2-6, green and white, funnel-form to campanulate, sweetly fragrant, scape 40-50 cm. tall. (2n=46)

F.C.C.-R.H.S. 1975

**grandiflora** Planchon & Linden var **moorei** Baker see **moorei** (Baker) Meerow

**grandiflora** misapplied see **amazonica** Planchon

**mastersii** Baker

Colombia; corona with 12 equal, broadly triangular teeth;

similar to **amazonica** Planchon

**moorei** (Baker) Meerow

*grandiflora* Planchon & Linden var *moorei* Baker

Flowers usually 4, rarely up to 7, campanulate, declined, sweetly fragrant, scape 50-70 cm tall. (2n=46)

**sanderi** Baker

Colombia; leaves 2 on each flowering bulb, inflorescence-stalk with 2-6 flowers, flowers scentless, 4-6 cm in diameter, corona not lobed.

**subedentata** (Baker) Benth. & Hook. see **Caliphruria subedentata** Baker

## EUCOMIS

**Eucomis** L'Hér.

Family: Liliaceae

Literature: The European garden flora I: 218-219, 1986.

'Alba' see **bicolor** Baker 'Alba'

**albomarginata** Barnes see **autumnalis** (Miller) Chitt. ssp **clavata** (Baker) Reyneke

**amaryllidifolia** Baker see **autumnalis** (Miller) Chitt. ssp **amaryllidifolia** (Baker) Reyneke

**autumnalis** (Miller) Chitt. ssp **amaryllidifolia** (Baker) Reyneke

*amaryllidifolia* Baker

S Africa (E Cape Province, Orange Free State); flowers white, yellow-green or light green, later green, ovary green, leaves green, wavy margins, raceme 5-8 cm, late summer flowering.

**autumnalis** (Miller) Chitt. ssp **autumnalis**

*undulata* Aiton

Malawi, Zimbabwe, S Africa (E Cape Province, Transvaal); flowers white, yellow-green or light green, later green, ovary green, leaves green, wavy margins, raceme up to 15 cm, late summer flowering.

## EUCOMIS

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**autumnalis** (Miller) Chitt. ssp *clavata* (Baker) Reyneke

*albomarginata* Barnes, *clavata* Baker, *robusta* Baker

S Africa (Transvaal, Orange Free State, Natal), Swaziland, Botswana; flowers white, yellow-green or light green, later green, ovary green, leaves green, wavy margins, raceme 8-15 cm, late summer flowering.

**bicolor** Baker

S Africa (Natal, Griqualand East); intr. in Europe: James Veitch & Sons, 1878; flowers pale green with a distinct purple margin, ovary green, leaves with wavy margins, not spotted, scape cylindric, sometimes spotted with dark purple, raceme 8-10 cm, late summer flowering. (2n=30, 32)

A.M.-R.H.S. 1927

**bicolor** Baker 'Alba'

Sel. by Tubergen; flowers greenish white; stem and leaves not spotted.

*clavata* Baker see *autumnalis* (Miller) Chitt. ssp *clavata* (Baker) Reyneke

**comosa** (Houtt.) Wehrh.

*punctata* L'Hér.

S Africa (E Cape Province, Natal), M. Houttuyn (the Netherlands) 1778; flowers in dense spike, greenish white, ovary purple, leaves spotted with crimson spots, margin slightly wavy, scape cylindric, spotted with dark purple, raceme to 30 cm, late summer flowering. (2n=60)

A.M.-R.H.S. 1956

**comosa** (Houtt.) Wehrh. 'Striata'

Intr. 1790; leaves and scape striped.

**pallidiflora** Baker

*punctata* Baker var *concolor* Baker

S Africa (Natal); flowers greenish white or green, ovary green, leaves green, with minutely crisped margins, scape cylindric, green, raceme 24-43 cm, summer flowering; very much like *pole-evansii* N.E. Br., possibly synonymous with *comosa* (Houtt.) Wehrh.

**pole-evansii** N.E. Br.

S Africa (Transvaal), Swaziland; flowers greenish white or green, ovary green, leaves green, with minutely crisped margins, scape green, raceme 24-43 cm, summer flowering; very much like *pallidiflora* Baker. (2n=50)

*punctata* Baker var *concolor* Baker see *pallidiflora* Baker

*punctata* L'Hér. see *comosa* (Houtt.) Wehrh.

*robusta* Baker see *autumnalis* (Miller) Chitt. ssp *clavata* (Baker) Reyneke

*undulata* Aiton see *autumnalis* (Miller) Chitt. ssp *autumnalis*

**zambesiaca** H.G. Reichb.

S Africa, Zimbabwe, Malawi; flowers densely packed, flattish white, very compact plant, late summer flowering.

## FERRARIA

**Ferraria** Miller

Family Iridaceae

Literature: De Vos, M.P., The African genus **Ferraria**, in Journal of S African Botany 45: 295-376, 1979; The European garden flora I: 361, 1986.

*coelestina* hort. see **Cypella coelestis** (Lehm.) Diels

**crispa** Burman

*undulata* L.

S Africa (Cape), about 1630; green and dark brown, maroon or brownish black flowers, unpleasantly scented.

*pavonia* L.f. see **Tigridia pavonia** (L.f.) D.C.

*undulata* L. see **crispa** Burman

## FREESIA

**Freesia** Klatt

Family: Iridaceae

Literature: P. Goldblatt, Systematics of **Freesia** Klatt (Iridaceae), Journal of S African botany 48(1): 38-91, 1982.

**'Adagio'**

Wülfinghoff, 1983; flowers inside mimosa-yellow (CC 8b) to aureolin (CC 12b) with small lemon-yellow edge; outside aureolin (CC 12d), lemon-yellow edge, flower-tube pale primrose-yellow.

**'Adonis'**

M. Penning & Sons, 1974; flowers semi-double, fuchsin-purple (CC 60c) with purple veins on yellowish ground, some segments with lemon-yellow blotch, outside tube yellowish white.

A.M.-B.C. 1974

**'Aida'** (B)

M. Penning & Sons, 1974; flowers semi-double, mineral-violet (CC 76a/d), deep in throat saffron-yellow (CC 21a), outside tube ivory white with yellow blotches.

A.M.-B.C. 1974

**'Aladin' (B)**

J.M. Richon, intr. by Wülfinghoff, 1986; flowers inside aureolin (CC 12a) with small buttercup-yellow edge, pale orange spots at centre, centre orange; outside aureolin with lemon-yellow edge, veined yellowish white, flower-tube naples-yellow (CC 11c).

**'Alaska'**

J. van den Bos, 1962; flowers white, pale yellow blotch on lower segment, anthers white. (2n=44)

A.M.-B.C. 1967

*alba* Foster see *alba* (G.L. Meyer) Gumbleton

*alba* (G.L. Meyer) Gumbleton

*alba* Foster, *lactea* N.E. Br., *refracta* (Jacq.) Klatt var *alba* G.L. Meyer, *sparrmannii* (Thunb.) N.E. Br. var *alba* (G.L. Meyer) Phillips & N.E. Br.

S Africa (S Cape Province); flowers white, very strong sweet scented, sometimes with purple lines in throat, often purple flush on reverse of petals, fading darker purple, with or without yellow marks on the lowermost petals, spring flowering. (2n=22).

A.M.-R.H.S. 1878

*alba* Watson see *caryophyllacea* (N.L. Burman) N.E. Br.

**'Albatros'**

M. Penning & Sons, 1974; flowers white, deep in throat yellow.

A.M.-B.C. 1974

**'Albion' (B)**

Wülfinghoff, 1980; flowers semi-double, inside white with cream-coloured anthers, deep in throat canary-yellow spots; outside white with solferino-purple midrib, flower-tube barium-yellow.

F.C.C.-B.C. 1980, A.M.-R.H.S. 1981

**'Alexander'**

M. Penning & Sons, 1976; flowers semi-double, inside brown-red (CC 34a/b) with purple glow, throat dark yellow, veined purple; outside brown-red (CC 34b), flamed tyrian-purple, flower-tube chartreuse-green.

**'Allure'**

N.M. van den Berg, 1983; flowers semi-double, inside mineral-violet (CC 76c) with darker edge, white spot in throat; outside mineral-violet (CC 76a/b), flower-tube mimosa-yellow.

**'Alpine' (B)**

M. Penning & Sons, 1986; flowers semi-double, inside ivory white, centre canary-yellow; outside white with vague chartreuse-green vein, flower-tube brownish-yellow at base.

**'Amadeus' (B)**

M. Penning & Sons, 1987; flowers semi-double, inside violet (CC 86d), paler in throat with white mark and purple veins, centre yellow; outside violet (CC 86d) tipped violet-purple (CC 77b), flower-tube barium-yellow to yellowish white.

**'Amazone'**

M. Penning & Sons, 1976; flowers semi-double, inside barium-yellow (CC 10c), edged lemon-yellow; outside aureolin with white to lilac-purple vein.

**'Andes' (B)**

G. van Veen, intr. by Wülfinghoff, 1976; flowers semi-double, inside edged amaranth-rose to the throat changing into mimosa-yellow (CC 8c), veined somewhat pink; outside amaranth-rose, flower-tube yellowish white.

T.G.A.-B.C. 1977, A.M.-B.C. 1977

**'Angelique' (B)**

Van Zanten Bros, 1980; flowers inside indian-yellow (CC 19c) to ivory white with lemon-yellow spotted edge, lower petals spotted orange, outside aureolin (CC 12a) with broad ivory white midrib.

A.M.-B.C. 1981

**'Animato'**

N.M. van den Berg, 1982; flowers semi-double, inside amethyst-violet (CC 81d) on methyl-violet ground, throat cream-coloured with purple veins, centre spotted lemon-yellow; outside methyl-violet with violet spots, edged spectrum-violet.

**'Anita'**

A. Valstar, 1985; flowers inside aureolin (CC 12c) with primrose-yellow blotch (CC 4d), some petals blotched saffron-yellow, centre lemon-yellow; outside aureolin with broad yellowish white vein.

**'Ankara'**

M. Penning & Sons, 1979; flowers inside white, deep in the throat aureolin, anthers whitish; outside white with primrose-yellow midrib, flower-tube yellowish white.

**'Annika' (B)**

Van Zanten Bros, 1986; flowers inside barium-yellow (CC 10c) with saffron-yellow spots at edge, centre lemon-yellow; outside aureolin with broad white vein, flower-tube lemon-yellow (CC 14c) to barium-yellow.

**'Antibes' (B)**

Wülfinghoff, 1984; flowers inside white with canary-yellow base; outside white with brownish-grey vein on outside petals, flower-tube chartreuse-green (CC 1d).

A.M.-B.C. 1985

## FREESIA

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### 'Aphrodite' (B)

N.M. van den Berg, 1979; flowers semi-double, inside methyl-violet (CC 85a) with small purple veins in throat, throat white, in centre aureolin, anthers violet; outside white with ivory white vein, flower-tube pale chartreuse-green. A.M.-B.C. 1979

### 'Apollo'

J.A.M. Goemans, 1956; flowers pure white, large. ( $2n=44$ )  
A.M.-B.C. 1960, F.C.C.-R.H.S. 1965

### 'Apotheose'

Tubergen; flowers mauve-lilac, white centre. ( $2n=44$ )  
F.C.C.-B.C. 1916, A.M.-R.H.S. 1914

### 'Appleblossom'

M.C. van Staaveren, 1961; flowers inside phlox-purple (CC 75c), towards centre white, deep in the throat yellow patches, outside tube white, segments phlox-purple.  
A.M.-B.C. 1967

### 'Armida'

A. van den Berg Czn., 1974; flowers inside cardinal-red (CC 53a/b), throat dark yellow, veined red, outside tube cherry on yellowish ground, segments pale cardinal-red (CC 53c) and cherry (CC 53d).

*armstrongii* Watson see *corymbosa* (N.L. Burman) N.E. Br.

### 'Arosa' (B)

J.A.M. Goemans, intr. by M.C. van Staaveren, 1970; flowers inside roseine-purple (CC 68a), paler towards centre, deep in throat yellow fading into a vein on lower inner segment, outside roseine-purple, spotted paler.

### 'Artico' (B)

Wülfinghoff, 1984; flowers inside creamy-white with barium-yellow vein on lower petals, centre aureolin; outside white with vague greenish white vein, flower-tube barium-yellow.

Aruba see 'Vabaldi'

### 'Athene'

M. Penning & Sons, 1978; flowers inside white, on lower petals short aureolin vein (CC 12a), centre aureolin; outside ivory white, large chartreuse-green, narrow vein, flower-tube ivory white.

### 'Athleet' (B)

Van den Berg-Floriade, 1986; flowers inside white with vague lemon-yellow spot changing into white; exterior white with vague, pale primrose-yellow vein, flower-tube pale primrose-yellow (CC 2d).

**'Atlanta'**

M. Penning & Sons, 1975; flowers semi-double, inside methyl-violet (CC 85a), outside tube whitish violet, segments methyl-violet (CC 85b/c).  
A.M.-B.C. 1975

**'Atlas'**

J.M. Richon, intr. by Wülfinghoff, 1984; flowers inside mimosa-yellow (CC 8b) with broad aureolin blotch (CC 12a) on lower petals, in throat cadmium-orange spot; outside pale barium-yellow edged mimosa-yellow, veined mauve, flower-tube barium-yellow to yellowish white with small violet blotch.  
A.M.-B.C. 1985, F.C.C.-B.C. 1985

**'Aurora'**

J.A.M. Goemans, 1962; flowers canary-yellow (2/2), edged buttercup-yellow (5/2). (2n=44)  
A.M.-B.C. 1962, T.G.A.-B.C. 1965

**'Avondrood'**

A. van den Berg Czn., intr. by Th.G. Koomen, 1970; flowers inside tyrian-purple (CC 61b), throat aureolin, outside tyrian-purple (CC 61b)

**'Ballerina'**

J.A.M. Goemans, 1957; flowers ivory white, throat at extreme base yellow.  
(2n=43)  
A.M.-B.C. 1962, A.M.-R.H.S. 1965

**'Beethoven'**

W. Scheffers & Sons, 1974; flowers indian-yellow (CC 17b), towards centre lemon-yellow.  
A.M.-B.C. 1974, T.G.A.-B.C. 1974

**'Bellona'**

Wülfinghoff, 1977; flowers semi-double, inside lemon-yellow (CC 14a) edged indian-yellow (CC 17), anthers white; outside buttercup-yellow (CC 15a), flower-tube mimosa-yellow (CC 8b).

**'Blauwe Meeuwen'**

A. van den Berg Czn.; flowers purple. (2n=45)

**'Blauwe Wimpel'**

A. van den Berg Czn.; flowers lobelia-blue, white throat. (2n=44)  
A.M.-B.C. 1947

**'Blizzard'**

J. van den Bos, 1969; flowers ivory white, deep in throat slightly yellow.

**'Bloemfontein'**

M. Penning & Sons, 1976; flowers inside buttercup-yellow (CC 15a) edged somewhat nasturtium-orange; outside saffron-yellow (CC 21a) with whitish midrib, flower-tube pale buttercup-yellow.

Blondy see 'Osblur'

Blue Bell see 'Vabella'

Blue Bird see 'Valiana'

**'Blue Diamond' (B)**

Van Zanten Bros, 1987; flowers inside aster-violet (CC 87c/d), throat bluish white with purple vein and lemon-yellow centre; outside aster-violet (CC 76c), flower-tube mineral-violet (CC 76c).

**'Blue Giant'**

F. Rijnveld, 1952; flowers heliotrope (636/1), base white, yellow in throat, which is veined purple, large. (2n=44)

A.M.-B.C. 1959

**'Blue Heaven' (B)**

R.A. Goemans, intr. by Wülfinghoff, 1971; flowers inside mineral-violet (CC 76c), deep in throat yellow, outside mineral-violet (CC 76a).

A.M.-B.C. 1971, T.G.A.-B.C. 1973, A.M.-R.H.S. 1979

Blue Lady see 'Scorpions'

**'Blue Moon' (B)**

J.A.M. Goemans, intr. by Wülfinghoff, 1984; flowers inside mineral-violet (CC 76a/b), throat white, veined purple, centre yellowish; outside methyl-violet (CC 85a), flower-tube bluish white.

A.M.-B.C. 1985

**'Blue Navy' (B)**

M. Penning & Sons, 1977; flowers semi-double, inside violet (CC 86a), edged darker, deep in throat lemon-yellow; outside pale violet, edged darker, flower-tube whitish violet.

**'Blue Ocean'**

M. Penning & Sons, 1974; flowers semi-double, amethyst-violet (CC 84a) fading into mineral-violet (CC 84d); outside tube primrose-yellow.  
A.M.-B.C. 1974

**'Blue Pacific' (B)**

Wülfinghoff, 1984; flowers inside mineral-violet (CC 76a/d); outside amethyst-violet (CC 84b/c) with broad imperial-purple flame on outer petals, flower-tube greenish white with purple blotches.

**'Blue Pearl'**

C. van Os, 1979; flowers inside methyl-violet tinted with violet on edges, throat ivory white with violet midribs, centre lemon-yellow; outside methyl-violet (CC 85a) with violet tip.

**'Blue Ribbon' (B)**

N.M. van den Berg, 1984; flowers semi-double, inside methyl-violet (CC 85a) to amethyst-violet (CC 84a) with ivory white blotch, veined purple-violet on lower petals; outside aster-violet (CC 87c), tipped bishops-violet (CC 80a), flower-tube greenish yellow veined purple.

**'Blue Sensation'**

A. Koreman, 1989; flowers inside dauphin-violet (CC 90d), throat ivory white (CC 155c) with dauphin-violet veins, lower petals with fine dark red-brown midvein (CC 172b), throat lemon-yellow; outside flower-tube naples-yellow (CC 11b) fading to ivory white (CC 155d), petals dauphin-violet to gentian-blue (CC 90d/94c).

**'Blue Star' (B)**

J.A.M. Goemans, intr. by Wülfinghoff, 1988; flowers inside methyl-violet (CC 85c) with broad ivory white blotch, veined purple, throat ivory white, veined purple, centre saffron-yellow; outside methyl-violet (CC 85b/c), tipped aster-violet (CC 87a), flower-tube canary-yellow (CC 9d) fading into bluish white.

**'Blue Twin' (B)**

Van der Arend Bros., 1989; flowers semi-double, somewhat fragrant, outside flower-tube primrose-yellow (CC 2d), changing to (CC 4d), blotched mimosa-yellow beneath the petals (CC 8c/d), petals methyl-purple (CC 85b/c) with cobalt-violet streak (CC 78c) on outer petals; inside methyl-purple to sea-lavender-violet (C 85c/d), towards the throat changing to ivory white (CC 155b), throat canary-yellow (CC 9a).

Bolero see 'Vabol'

**'Bossanova' (B)**

G. van Veen, intr. by J. van der Bos & Sons, 1987; flowers semi-double, inside dresden-yellow (CC 5d) to pale primrose-yellow (CC 4d), centre lemon-yellow; outside canary-yellow, veined primrose-yellow (CC 4d).

**'Brahms'**

W. Scheffers, 1954; flowers dianthus-purple (730), centre empire-yellow (603).  
A.M.-B.C. 1958

*brevis* N.E. Br. see *corymbosa* (N.L. Burman) N.E. Br.

**'Brunette'**

Tubergen, 1960; flowers inside spanish-orange (CC 26a), edged indian-yellow (CC 32a), deep in throat bright yellow, outside spanish-orange with purple-violet midrib.

**'Butterfly'**

N.M. van den Berg, intr. by Bruinsma, 1980; flowers semi-double, inside mimosa-yellow, edged lemon-yellow, anthers white; outside canary-yellow (CC 9a), flower-tube primrose-yellow with ivory white midrib.

A.M.-B.C. 1981

Calypso see 'Calyx'

**'Calyx' Calypso**

M. Penning & Sons, 1985; flowers inside spotted roseine-purple (CC 68c) fading into fuchsin-purple (CC 67b/c) edge, throat white, veined fuchsin-purple (CC 67a), centre buttercup-yellow; outside fuchsin-purple (CC 67b), flower-tube veined roseine-purple on barium-yellow ground.

**'Canty'**

I.V.T., intr. by A. van den Berg, 1977; flowers semi-double, inside edged mallow-purple (CC 73a/d), throat pale yellow, veined purple; outside mallow-purple (CC 73b).

**'Capri'**

M.C. van Staaveren, 1970; flowers semi-double, inside dauphin-violet (CC 90c), paler towards centre; outside dauphin-violet (CC 90d). (2n=22)

A.M.-B.C. 1974, T.G.A.-B.C. 1974

**'Caravelle' (B)**

N.M. van den Berg, 1984; flowers inside methyl-violet (CC 85d) edged and veined violet, throat white veined brownish red, centre lemon-yellow; outside aster-purple veined amethyst-purple with white dots at throat, flower-tube greenish yellow.

F.C.C.-B.C. 1984

**'Carmen'**

R.A. Goemans, intr. by Wülfinghoff, 1971; flowers inside violet-red (CC 180c), throat yellow, veined violet, outside violet-red (CC 180b).

A.M.-B.C. 1971, T.G.A.-B.C. 1973, A.M.-R.H.S. 1979

Carnaval see 'Varosina'

**caryophyllacea** (N.L. Burman) N.E. Br.

*alba* Watson, *parva* N.E. Br., *Ixia caryophyllacea* N.L. Burman

S Africa; flowers white, often fading to brownish purple, lined with purple within and sometimes purple flushed on reverse, plants small, sweet scented. (2n=22)

**'Casablanca'**

A. Valstar, 1976; flowers inside ivory white, deep in throat lemon-yellow; outside white with narrow chartreuse-green vein.

Castor see 'Ricaster'

**'Catalina'**

M.C. van Staaveren, 1970; flowers semi-double, inside methyl-red (CC 88c), outside tube greyish white, segments methyl-violet (CC 88d). (2n=44)  
A.M.-B.C. 1974, T.G.A.-B.C. 1974

**'Cessna'**

Van Zanten Bros, 1976; flowers inside magenta-rose (CC 64b), throat ivory yellowish, veined magenta, deep in throat somewhat yellow; outside magenta-rose (CC 64b), flower-tube magenta-rose on ivory white ground.

**'Cherry Bell' (B)**

Van Zanten Bros, 1986; flowers inside spotted mallow-purple (CC 73a) to pastel-mauve in throat with purple to violet tinted veins with reddish brown midrib, centre canary-yellow; outside pale roseine-purple (CC 68b), on lower petals yellowish white blotch; flower-tube pale green fading into yellowish white and roseine-purple blotches.

**'Chiron'**

I.V.T., intr. by Van den Berg-Floriade, 1977; flowers inside brown-red (CC 34a), throat buttercup-yellow, veined reddish; outside flower-tube yellowish changing into brown-red (CC 34a), veined fuchsin-purple.

**'Chloë'**

J.M. Richon, intr. by Wülfinghoff, 1980; flowers inside ivory white to barium-yellow with lemon-yellow glow; outside ivory white, edged mimosa-yellow (CC 8a), some petals with lemon-yellow blotches, flower-tube primrose-yellow.

**'Christel' (B)**

Horti Partners, 1989; flowers semi-double, outside flower-tube canary-yellow (CC 9c), petals orient-red (CC 42a/b), midveins chrysanthemum-red (CC 60c); inside oxblood-red (CC 45c), throat lemon-yellow (CC 13a) with oxblood-red veins, stigma amethyst-violet (CC 75a).

**'Cilla'**

Wülfinghoff, 1987; flowers inside lemon-yellow (CC 13b) to buttercup-yellow (CC 12b), saffron-yellow blotches at edge; outside lemon-yellow (CC 13b), veined greenish white, flower-tube lemon-yellow (CC 14c) to amber-yellow (CC 18c).

**'Cinderella' (B)**

Wülfinghoff, 1989; flower-tube naples-yellow (CC 11a), petals lemon-yellow (CC 14a) with primrose-yellow midvein (CC 4d) outside, throat with sulphur-yellow glow (CC 6c), filaments and stigma ivory white (CC 155b), throat shiny.

**'Citadel' (B)**

Horti Partners, 1987; inside outer petals indian-yellow (CC 17a/b) to lemon-yellow (CC 14b), inner petals lemon-yellow (CC 14a), the middle one with cadmium-yellow blotch (CC 24a), throat outside naples-yellow (CC 11a), inside buttercup-yellow (CC 12a/b), darker at the base (CC 15a/17a).

**'City Light'**

F. Rijnveld, 1961; flowers buttercup-yellow (5/2), lower segments edged aureolin (5). (2n=44)  
H.C.-R.H.S. 1965

**'Claret'**

M. Penning & Sons, 1975; flowers currant-red (CC 46a), to the throat buttercup-yellow, veined red.  
A.M.-B.C. 1975

**'Clazina'**

A. Valstar, 1976; flowers inside lemon-yellow (CC 13b), blotched indian-yellow (CC 17b); outside indian-yellow (CC 17c), flower-tube chrome-yellow (CC 15d), veined ivory white.  
F.C.C.-B.C. 1980

**'Columbia'**

A. Valstar, 1983; flowers inside white, centre sulphur-yellow; outside white with pale green-yellow vein, flower-tube greenish white.

**'Comet'**

J.A.M. Goemans; flowers cardinal-red (822/3), changing into jasper-red (018), throat gold-coloured, veined red; outside dull currant-red with light yellow tube. (2n=44)  
A.M.-B.C. 1961, F.C.C.-B.C. 1962, A.M.-R.H.S. 1965

Concorde see 'Vawicor'

**'Cordula' (B)**

G.H. van der Ligt & Sons, 1983; flowers inside mimosa-yellow (CC 8b/c), lower petals with cadmium-orange blotch on aureolin ground (CC 12b), upper petals with primrose-yellow vein; outside aureolin (CC 12a), veined ivory white, flower-tube barium-yellow (CC 10a).  
A.M.-B.C. 1985

**'Corona'**

J.A.M. Goemans; flowers mimosa-yellow (602/2), edge and centre canary-yellow (2).

A.M.-B.C. 1962

**corymbosa** (N.L. Burman) N.E. Br.

*armstrongii* Watson, *brevis* N.E. Br., *corymbosa* var *aurea* N.E. Br., *metelerkampiae* L. Bolus, *odorata* Klatt, *refracta* (Jacq.) Klatt var *odorata* (Klatt) Baker, *Gladiolus corymbosus* N.L. Burman, *Tritonia odorata* Lodd. S Africa (S Cape Province); flowers often not scented, typically pale yellow, with lower tepals bright yellow to orange, occasionally pink with yellow throat (*armstrongii* Watson), spring flowering. (2n=22)

*corymbosa* (N.L. Burman) N.E. Br. var *aurea* N.E. Br. see *corymbosa* (N.L. Burman) N.E. Br.

**'Côte d'Azur'** (B)

J.M. Richon, intr. by Wülfinghoff; aster-violet (CC 87b/c), throat white, blotched aureolin, flower-tube chartreuse-green changing into aster-violet.

A.M.-B.C. 1974, T.G.A.-B.C. 1976

Cultresia see 'Richaldo'

**'Czardas'**

M. Penning & Sons, 1974; flowers tomato-red (CC 44b) on yellowish ground, centre lemon-yellow, veined red, outside tube yellowish fading into tomato-red with a fuchsin-purple blotch.

A.M.-B.C. 1974

'Czarina' see 'Tsarina'

**'Daylight'**

Van der Arend Bros., 1989; flowers fragrant, flower-tube mimosa-yellow (CC 8c) with vague greyish red glow (CC 182d), petals ivory white (CC 155d) with broad chartreuse-green vein (CC 1d); inside ivory white (CC 155b) with buttercup-yellow throat (CC 12a), filaments and stigma ivory white.

**'Demeter'** (B)

Wülfinghoff, 1979; flowers inside barium-yellow (CC 10c/d) with lemon-yellow blotches at the edge; outside aureolin (CC 12b), veined ivory white, flower-tube barium-yellow (CC 10d).

A.M.-B.C. 1979, F.C.C.-R.H.S. 1981

**'Desling'**

J.M. Richon, intr. by Wülfinghoff, 1983; flowers inside aureolin (CC 12a), with lemon-yellow blotches; outside lemon-yellow (CC 14b) with broad white vein, flower-tube canary-yellow.

A.M.-B.C. 1984

## FREESIA

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### 'Diana'

J.A.M. Goemans; flowers double, creamy.

A.M.-B.C. 1962, A.M.-R.H.S. 1961, F.C.C.-R.H.S. 1962, T.G.A.-B.C. 1965

Diva see 'Richalu'

### 'Dominant' (B)

Horti Partners, 1989; flowers double, outside flower-tube light golden yellow (CC 14d), petals ivory white (CC 155b), veins chartreuse-green (CC 1c); inside ivory white (CC 155b), throat lemon-yellow (CC 14a).

### 'Eclipse'

Van den Berg-Floriade, 1984; flowers inside mineral-violet (CC 76b/c) with mallow-purple blotches at the edge, throat pinkish white, veined purple, centre canary-yellow, on some petals mimosa-yellow blotch; outside rose-purple (CC 75b), blotched roseine-purple (CC 68a), flower-tube chartreuse-green tinted pastel-mauve with white flame.

### 'Elan'

Bruinsma, 1979; flowers semi-double, inside roseine-purple to fuchsin-purple (CC 67b), throat ivory white, spotted purple (CC 68a); outside roseine purple (CC 68a), edged ruby-red (CC 64a), flower-tube pale primrose-yellow to greenish white.

### 'Eldorado'

J.A.M. Goemans; flowers lemon-yellow (4/1) with orpiment-orange margins (10/1). (2n=44)

A.M.-B.C. 1958, A.M.-R.H.S. 1957

### 'Elegance' (B)

Wülfinghoff, 1980; flowers inside white, centre aureolin; outside flower-tube chartreuse-green (CC 1d) with chartreuse-green midrib.

A.M.-R.H.S. 1981

### 'Elien Bos'

A. van den Berg Czn.; flowers outside white with pale lilac shading, inside white. (2n=43)

A.M.-B.C. 1960

### *elimensis* L. Bolus

S Africa; flowers white, flushed light purple on reverse and with yellow-orange mark on midline of lower petal. Closely related to *caryophyllacea* (N.L. Burman) N.E. Br. (2n=22).

### 'Enterprise' (B)

M. Penning & Sons, 1986; flowers inside ivory white with lemon-yellow blotch in throat (CC 13a); outside white, flamed greenish yellow, flower-tube yellow-green (CC 145d).

**'Escapade'**

A. Valstar, 1980; flowers semi-double, inside scarlet (CC 43b/d), edged blood-red, throat barium-yellow, lower petals blotched lemon-yellow with blood-red veins; outside orient-red (CC 42c), edged claret-rose.

**'Etna'**

Wülfinghoff, 1981; flowers semi-double, inside spotted cyclamen-purple (CC 74b/c), throat ivory white with purple veins, centre lemon-yellow; outside spotted fuchsin-red with brownish grey vein, flower-tube primrose-yellow.

**'Etude' (B)**

Horti Partners, 1987; outside flower-tube indian-yellow (CC 17c) changing to lemon-yellow (CC 13b), petals lemon-yellow (CC 14a) edged cadmium-orange (CC 23a), midveins primrose-yellow (CC 4c/d); inside lemon-yellow (CC 14b) edged cadmium-orange (CC 23a), filaments straw-yellow (CC 13a), pollen mimosa-yellow (CC 8d).

**'Everest'**

G. van Veen, intr. by Wülfinghoff, 1976; flowers semi-double, inside solferino-purple (CC 65b/c) to the throat cream-yellow, veined purple; outside amaranth-rose (CC 65a), flower-tube creamy.

Excelsior see 'Vayello'

**'Fanfare'**

M. Penning & Sons, 1977; flowers semi-double, inside aureolin (CC 12b), edged buttercup-yellow; outside aureolin with vague green vein, flower-tube greenish yellow.

**'Fantasy'**

J.A.M. Goemans, intr. by M.C. van Staaveren; flowers double, canary-yellow (CC 43) with aureolin (CC 3/1) shading. (2n=45)  
A.M.-B.C. 1960, A.M.-R.H.S. 1960, F.C.C.-R.H.S. 1961

**'Flamingo'**

M. Penning & Sons, 1974; flowers semi-double, inside mallow-purple (CC 73b/c) on yellowish ground, centre straw-yellow with purple markings, outside tube greenish, segments striped fuchsin-purple, veined violet-purple.  
A.M.-B.C. 1974, T.G.A.-B.C. 1976

**'Florence'**

J.A.M. Goemans, 1962; flowers outside spiraea-red (025/1), changing into brown-red, inside spiraea-red (025/1) tinged somewhat reddish-brown, throat clear yellow and striped purple. (2n=45)

**'Florida'** (B)

M. Penning & Sons, 1984; flowers inside roseine-purple (CC 68b) to fuchsin-purple (CC 67c) at edge, veined darker in throat, throat white with lemon-yellow centre; outside magnolia-purple (CC 70c) to fuchsin-purple (CC 67c), flower-tube veined magnolia-purple.

**'Fortune'**

J.M. Richon, intr. by Wülfinghoff, 1974; flowers inside indian-yellow (CC 17c), edged saffron-yellow (CC 21a), some segments with brownish red vein, outside tube greenish yellow, segments indian-yellow, edged saffron-yellow with a greenish vein.

**'Galahad'**

Wülfinghoff, 1984; flowers inside mimosa-yellow (CC 8a) edged with saffron-yellow blotches; outside aureolin (CC 12a), edged lemon-yellow, broad whitish vein with vague purple blotch, flower-tube lemon-yellow (CC 14c).

**'Gantello'**

Vreugdenhil & Sons, 1979; flowers inside aureolin (CC 12a), edged lemon-yellow, white vein on upper petals, on lower petals orpiment-orange blotches at the edge; outside aureolin (CC 12a), veined ivory white, flower-tube lemon-yellow to barium-yellow.

A.M.-B.C. 1980

**'Gloria Solis'**

J.A.M. Goemans; flowers indian-yellow (6/2), with darker blotch, lowest petal tangerine-orange (9). (2n=44)

A.M.-B.C. 1959, A.M.-R.H.S. 1953

**'Goldcoast'**

F. Rijnveld, 1956; flowers indian-yellow (6/2), large. (2n=43)

A.M.-B.C. 1957, F.C.C.-B.C. 1958

**'Golden Crown'** (B)

M. Penning & Sons, 1984; flowers semi-double, inside mimosa-yellow (CC 8d), centre aureolin (CC 12c); outside primrose-yellow (CC 14c) with pale greenish vein, flower-tube primrose-yellow (CC 4c).

**'Golden Eagle'** (B)

Van der Arend Bros., 1989; flower-tube outside naples-yellow (CC 11a), petals lemon-yellow (CC 14a) with ivory white midvein (CC 155b); inside buttercup-yellow to lemon-yellow (CC 12b/14a), filaments and stigma ivory white (CC 155d) style and pollen mimosa-yellow (CC 8d).

**'Golden Glow'**

J.A.M. Goemans; flowers outside indian-yellow (6), with nearly white midrib, inside chrome-yellow (605), to the edge tangerine-orange (9) blotches. (2n=43)

A.M.-B.C. 1962

**'Golden Melody'**

M.C. van Staaveren, 1962; flowers aureolin (3/1), edged buttercup-yellow (5).  
(2n=44)  
A.M.-B.C. 1962, T.G.A.-B.C. 1969

**'Golden Promise'**

N.M. van den Berg, 1979; flowers semi-double, inside buttercup-yellow (CC 15a), on inner petals somewhat cadmium-orange; outside lemon-yellow (CC 13a) with pale greenish midrib, flower-tube chinese-yellow (CC 16b), tinted greenish.

Golden Rocks see 'Ostro'

Golden Wave see 'Vacoro'

'Golden Yellow' see 'Rijnveld's Golden Yellow'

**'Goldrush' (B)**

Van der Arend Bros., 1989; flower-tube outside naples-yellow (CC 11a/b), petals buttercup-yellow (CC 12b), with broad ivory white to greenish whit midvein (CC 15a/157c); inside canary-yellow (CC 9c) with saffron-yellow glow (CC 21a) esp. on inner median petal, filaments and stigma ivory white (CC 155b), pollen mimosa-yellow (CC 8d).

**'Goldstar'**

M. Penning & Sons, 1975; flowers inside indian-yellow (CC 17c) and nasturtium-orange (CC 25b), outside tube indian-yellow with ivory white vein, segments indian-yellow.

A.M.-B.C. 1975

Grace see 'Vacredru'

**'Granada'**

M. Penning & Sons, 1976; flowers inside buttercup-yellow (CC 15a), to the edges cadmium-orange; outside ivory white vein on yellow ground, flower-tube buttercup-yellow.

A.M.-B.C. 1979

**'Harmony' (B)**

J.A.M. Goemans, intr. by Wülfinghoff, 1984; flowers semi-double, inside violet (CC 86d); outside mineral-violet (CC 76a), tipped purple, flower-tube greenish yellow, violet purple tinted midrib.

**'Helios' (B)**

M. Penning & Sons, 1977; flowers semi-double, inside lemon-yellow (CC 13a), edged indian-yellow (CC 17a); outside lemon-yellow (CC 13a), edged orange-yellow with violet midrib.

**'Helsinki'**

A.P. van der Valk, 1974; flowers semi-double, inside beetroot-purple (CC 71b), throat pale yellow, veined beetroot-purple outside; tube sulphur-yellow (CC 6), segments campanula-violet, blotches purple.

A.M.-B.C. 1964

**'Helvetia'**

M. Penning & Sons, 1976; flowers semi-double, inside white, deep in the throat somewhat yellow; outside white, flower-tube greyish white.

**'Hermes'**

M. Penning & Sons, 1974; flowers semi-double, inside methyl-violet (CC 85b), veined aster-violet, centre yellowish white with purple veins, outside tube greenish yellow, segments campanula-violet, blotched purple.

A.M.-B.C. 1974

**'Hilde' (B)**

G. van Veen, intr. by J. van der Bos & Sons, 1988; inside white, centre mimosa-yellow; outside white with vague greenish yellow vein.

**'Himalaya' (B)**

G. van Veen, intr. by Wülfinghoff, 1977; flowers semi-double, inside cadmium-orange (CC 23b) with yellow glow; outside indian-yellow with narrow whitish vein.

A.M.-B.C. 1979.

**'Honfleur'**

H. Vreugdenhil, 1980; flowers inside ivory white, primrose-yellow blotches in the throat; outside white, flower-tube ivory white, tinted yellowish grey.

*hurlingii* L. Bolus see *refracta* (Jacq.) Klatt

**'Iceberg' (B)**

Wülfinghoff, 1981; flowers inside white, centre aureolin (CC 12a); outside white with short greenish white vein; flower-tube mimosa-yellow.

**'Ideal' (B)**

Van den Berg-Floriade, 1986; flowers inside methyl-violet (CC 85b), edged purple-violet, to the throat white with purple veins; outside methyl-violet (CC 85c), edged purple-violet, flower-tube barium-yellow to yellowish white with purple blotches.

**'Ilona' (B)**

Wülfinghoff, 1984; flowers semi-double, inside marigold-orange (CC 28d) with roseine-purple blotches; outside spotted spinel-red on marigold-orange ground, flower-tube creamy white.

**'Indiana'** (B)

Wülfinghoff, 1984; flowers semi-double, inside methyl-violet (CC 85a), edged violet (CC 86b), throat whitish; outside mineral-violet (CC 76a/b), tipped violet-purple.

**'Irene'** (B)

Horti Partners, 1987; flowers inside white, centre lemon-yellow; outside white with primrose-yellow (CC 4d) veins, flower-tube primrose-yellow (CC 4c).

**'Isabel'** (B)

Horti Partners; petals ivory white on both sides (CC 155d); throat outside greenish white (CC 157d), inside ivory white (CC 155d) with a buttercup-yellow base (CC 12a), filaments white, anthers creamy white.

**'Jessica'** (B)

N.M. van den Berg, 1985; flowers semi-double, inside fuchsin-purple (CC 67b), edged pastel-mauve (CC 69a/d), throat blotched barium-yellow with currant-red vein; outside fuchsin-purple, flower-tube primrose-yellow fading into yellowish white.

**'Joling'** (B)

Van der Arend Bros., 1989; flowers inside gentian-blue (CC 94c), throat ivory white (CC 155b) with gentian-blue veins, throat lemon-yellow (CC 14b), stigma lobelia-blue (CC 91b); outside flower-tube naples-yellow (CC 11b) turning into ivory white (CC 155d), petals gentian-blue (CC 94c) with dauphin-violet glow (CC 90b).

**'José'**

C. van Os, 1977; flowers inside edged fuchsin-purple (CC 67b), throat whitish, veined purple; outside fuchsin purple (CC 67b), flower-tube greenish white to fuchsin purple.

**'Kayak'** (B)

Penning, 1989; flowers single, flower-tube buttercup-yellow (CC 12a), turning into lemon-yellow (CC 13b), petals buttercup-yellow (CC 12a/b) with ivory white veins and lemon-yellow glow (CC 14b) along the margins; inside buttercup-yellow (CC 12b) with some lemon-yellow blotches on the edge (CC 14a), throat lemon-yellow (CC 14a), filaments buttercup-yellow (CC 12b), anthers ivory white (CC 155b).

**'Kontiki'** (B)

J.M. Richon, intr. by Wülfinghoff, 1984; flowers inside tinted saturn-red fading into broad signal-red edge, throat lemon-yellow, veined currant-red; outside burnt-orange (CC 31a) with narrow empire-rose vein, flower-tube lemon-yellow (CC 13b) changing into empire-rose.

A.M.-B.C. 1985

**'Kopenhagen'**

Boomhouwer & Harting, 1962; flowers outside paeony-purple (729/3), deep in throat somewhat yellow, tube greenish yellow, inside paeony-purple (729/3), with white centre. (2n=44)

A.M.-B.C. 1962, F.C.C.-B.C. 1964, A.M.-R.H.S. 1965

*lactea* N.E. Br. see *alba* (G.L. Meyer) Gumbleton

**'Laila'**

M. Penning & Sons, 1974; flowers semi-double, cobalt-violet (CC 78c/d), centre white with yellow blotch, edged purple, outside tube yellowish white, segments blotched lilac-purple on whitish ground.

A.M.-B.C. 1974

**'Lavinia'**

N.M. van den Berg, intr. by Bruinsma, 1979; flowers semi-double, inside mineral-violet (CC 76a/b), veined and edged darker, throat white, on lower petals mimosa-yellow blotch with brownish red vein; outside mineral-violet with purple veins, yellow spots at the edge, flower-tube bluish white.

**'Leda' (B)**

Wülfinghoff, 1983; flowers semi-double, inside ivory white to creamy with indian-yellow blotch; outside ivory white with short chartreuse-green vein, flower-tube barium-yellow.

F.C.C.-B.C. 1984

**leichtlinii** Klatt

*middlemostii* W. Barker, *muirii* N.E. Br., *xanthospila* (DC.) Klatt var *leichtlinii* (Klatt) N.E. Br.

S Africa (S Cape Province), 1820; flowers strongly scented, cream to pale yellow with lower petals dark yellow-orange, upper petals often brown-purple flushed on reverse, spring flowering. (2n=22)

**'Lewyna' (B)**

M. Penning & Sons, 1987; flowers semi-double, inside roseine-purple (CC 68b) to china-rose (CC 58c), throat white with red vein and lemon-yellow blotch on lower petals; outside roseine-purple (CC 68b) with orange blotches on some petals; flower-tube yellowish to greenish white.

**'Lilly'**

N.M. van den Berg, 1979; flowers semi-double, inside blood-red (CC 45d), edged signal-red, throat aureolin with blood-red veins; outside signal-red (CC 43a) with chrysanthemum vein, flower-tube yellowish.

**'Lipizzaner' (B)**

Van den Berg-Floriade, 1978; flowers inside ivory white, deep in the throat buttercup-yellow; outside ivory white, veined primrose-yellow (CC 4d).