

**International Checklist
for Hyacinths
and
Miscellaneous Bulbs**

International Checklist for Hyacinths and Miscellaneous Bulbs

International Register and Classified List
of Hyacinths and other bulbous, cormous and
tuberous rooted plants

1991



ROYAL
GENERAL BULBGROWERS'
ASSOCIATION

KAVB

HILLEGOM
THE NETHERLANDS

Koninklijke Algemeene Vereeniging voor Bloembollencultuur
Royal General Bulbgrowers' Association
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INTRODUCTORY

Introduction

Since 1955 the Royal General Bulbgrowers' Association has been publishing a list or register of Hyacinths and other bulbous, cormous and tuberous rooted plants to provide people working professionally with bulbs with the necessary information on the correct names of cultivars and species. A colour description of the flower and some other additional information is also given.

These publications and of course the underlying registrations, play a major role in stabilizing the plant names and creating the, for the profession so important, uniformity in nomenclature. They also help the profession to provide them with an overall view.

This International Checklist for Hyacinths and miscellaneous bulbs will replace the 1975 edition of the Classified List and International Register of Hyacinths and other bulbous and tuberous rooted plants. The large number of new cultivars, the wider coverage of this checklist and changes from a taxonomical point of view has made it quite a task for our association to compile this new edition. The Association found the Agricultural University Wageningen, the Netherlands, prepared to help especially with the taxonomy to compile this checklist. The checklist covers 97 genera which can be regarded as cormous, bulbous or tuberous rooted.

For many genera, the Royal General Bulbgrowers' Association (KAVB) has been appointed by the Council of the International Society for Horticultural Sciences (ISHS) in 1954 as International Registration Authority (IRA) for cultivar names. Duties are carried out under the guidance of the ISHS Commission for Nomenclature and Registration. A directory of International Registration Authorities for Cultivar Names is regularly published (e.g. HortScience, Vol 25(6): 618-621, June 1990).

The KAVB has been appointed IRA for genera such as:

Allium, Alstroemeria, Anemone, Camassia, Canna, Chionodoxa, Colchicum, Crocosmia (Montbretia), Crocus, Dichelostemma, Eremurus, Eucomis, Ferraria, Freesia, Fritillaria, Galanthus, early flowering Gladiolus, Herbertia, Hyacinthoides (Endymion), Hyacinthus, Hymenocallis (Ismene), bulbous Iris, Ixia, Lachenalia, Moraea, Muscari, Ornithogalum, Oxalis, Puschkinia, Ranunculus, Scilla, Sprekelia, Tulipa (not included in this checklist), Veltheimia and Zantedeschia.

The lists given in this checklist make up a large part of the international registers of these genera. Some older varieties which are supposed to be no longer in

INTRODUCTORY

cultivation, and which were already deleted in previous editions, are not included in the present edition. However they are of course part of the international register and for these the previous editions of this checklist should be consulted.

It is realized that this checklist is not perfect but please inform us about omissions, errors, etc., so we can replace this checklist by an improved edition.

How to use this checklist

The checklist is arranged alphabetically by genus. In some genera where almost all cultivars belong to one cultivar group or to one species, the cultivar names are not crossreferenced but are alphabetically arranged under the cultivar group entry or the species entry. Those names accepted as correct, are printed in bold typeface, synonyms in italics. Cultivar names are always shown within single quotation marks e.g. 'Amber Beauty'.

Synonyms, names used in trade etc., are crossreferenced as much as possible. Sometimes incorrect or incomplete names are crossreferenced for convenience.

In some genera trademarks or commercial names are in use in addition to the cultivar names. For reasons of convenience these names, when known, are listed and crossreferenced to the cultivar names. The entry under the cultivar name gives the full description together with the additional name.

Trademarks and commercial names are both shown in upright typeface and the reader is warned that the free use of trademarks can be restricted.

All cultivars registered up to January 1989 are included in this checklist. For cultivars with Breeders' Rights, this date is 31 December 1989.

In the terminology, it is tried to be as comprehensible as possible within the scope of this checklist, e.g. in most cases the term petal is used for the scientifically correct tepal or sepal.

Author's names in abbreviation following the botanical name of a taxon (genus, species, subspecies, variety) are listed in the back of this checklist. The "Draft index of author abbreviations compiled at the Herbarium, Royal Botanic Gardens Kew" is followed as a rule.

In cases where a name is frequently used in an incorrect way for certain plants, the term "misapplied" is used. A crossreference to the correct name is given.

The names of raisers or introducers in abbreviation are listed in the back of this checklist. When in the text two names are given, the first represents the raiser and the second name the introducer.

Vernacular names

Vernacular names are not included in this checklist. It is advised to consult

appropriate literature like H.L. Gerth van Wijk – A dictionary of plantnames, Haarlem 1911-1916 and reprint Amsterdam 1971.

Colour descriptions

The colour descriptions of many of the cultivars listed, have been made from material grown at the trial garden of the KAVB at Hillegom (formerly Haarlem). The *Répertoire des Couleurs*, published in 1905 by the Société Française des Chrysanthémistes was used originally as a standard, and was in 1952 replaced by the Horticultural Colour Chart of the Royal Horticultural Society (HCC) and again replaced every time by a new edition of the R.H.S. Colour Chart (CC). In the colour description just numbers refer (e.g. 637) to the HCC and CC-number (e.g. CC 15a) to the CC.

Awards

- R.H.S. – Awarded by the Royal Horticultural Society, London
- B.C. – Awarded by the Royal General Bulbgrowers' Association, Hillegom
- F.C.C. – First Class Certificate (Get. Eerste Klasse)
- A.M. – Award of Merit (Get. van Verdienste)
- S.C.C. – Second Class Certificate
- F.C.E.F.A. – First Class Early Forcing Award (Get. voor Vroegbroei Eerste Klasse)
- F.C.F.A. – First Class Forcing Award (Broeigetuigschift Eerste Klasse)
- E.F.A. – Early Forcing Award (Get. voor Vroegbroei)
- F.A. – Forcing Award (Broeigetuigschift)
- A.G.M. – Award of Garden Merit, Wisley (Get. Verdienste Proeftuin, Wisley)
- T.G.A. – Trial Garden Award (Get. Proeftuin, Hillegom)

Chromosome numbers

The chromosome numbers are taken from literature, mainly available in the Association's specialized library on bulbous, cormous and tuberous rooted plants.

Plant Breeders' Rights

The International Convention for the Protection of New Varieties of Plants describes the Plant Breeders' Rights and the conditions under which the rights can be obtained.

The member states of the UPOV (Union internationale pour la Protection des Obtentions Végétales/International Union for the Protection of New Varieties of Plants): Australia, Belgium, Denmark, France, Federal Republic of Germany,

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Hungary, Iceland, Israel, Italy, Japan, the Netherlands, New Zealand, Poland, South Africa, Spain, Sweden, Switzerland, United Kingdom and the United States of America, have based their national legislation on this convention.

In general Plant Breeders' Rights can be obtained for a new plant variety when the following conditions are met:

the variety should be new, clearly distinguishable, homogeneous and stable. For detailed and up to date information one should contact the Plant Variety Rights Offices in the member states. Addresses can be obtained from the Royal General Bulbgrowers' Association or the UPOV headquarters: 32, Chemin des Colombettes, CH-1211 Geneva 20, Switzerland.

In this International Checklist Plant Breeders' Rights are indicated by (B) (Breeders' Rights). All effort is made to present correct information based on the situation of 31 December 1989 in the Netherlands. The situation in other countries or on another date might be different.

Previous editions

The following publications can be regarded as previous editions of this checklist; all published by the Royal General Bulbgrowers' Association and set up by J.A. Janse, Bennebroek, Th. Hoog, Haarlem and J.F.Ch. Dix, Heemstede:

- Varieteitsnamen-register van Hyacinthen, Narcissen, Bol-Iris en andere diverse Bijgoedgewassen, Haarlem, 1955
- Varieteitsnamen-register van Hyacinthen, Bol-Iris en andere diverse Bijgoedgewassen, Haarlem, 1956
- "A tentative list" of Hyacinths, and other Bulbous and Tuberous-rooted plants, Haarlem, 1958
- Supplement "Bijgoed-register" 1958
- Tweede Supplement "Bijgoed-register 1961"
- Classified List and International Register of Hyacinths and other bulbous and tuberous-rooted plants, Haarlem, 1963
- First Supplementary List, Haarlem, 1968
- Classified List and International Register of Hyacinths and other bulbous and tuberous-rooted plants, Hillegom, 1975

Acknowledgements

Publishing a checklist like this always seems to be easier than it is. It would not have been possible to realize this checklist without the help of so many people in the Netherlands and abroad. Not just because they were prepared to share their knowledge and experience but also in many cases by registering their cultivars or drawing the attention to cultivars, species or publications not known before.

The editor wishes to mention the following people and organisations especially for their assistance:

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- The staff of the library of the Rijksherbarium, Leiden and L. Vogelenzang, Leiden for providing the KAVB with the necessary literature not yet available in the KAVB-library;
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- The staff of the KAVB trial garden for their care of the planted material.

Registration

The KAVB urgently requests every one to register new cultivars. Please contact the KAVB, Royal General Bulbgrowers' Association, P.O. Box 175, NL-2180 AD Hillegom for further information.

Royal General Bulbgrowers' Association

J. van Scheepen, registrar and editor.

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ACIDANTHERA

Acidanthera Hochst. see **Gladiolus** L.

Family: Iridaceae

Species and varieties cultivated under this name are listed under **Gladiolus** L.

bicolor Hochst. see **Gladiolus callianthus** Marais

laxiflora Baker see **Gladiolus ukambanensis** (Baker) Marais

murielae Perry see **Gladiolus callianthus** Marais 'Murielae'

tubergenii hort. see **Gladiolus callianthus** Marais

tubergenii hort. 'Zwanenburg' see **Gladiolus callianthus** Marais 'Zwanenburg'

ukambanensis Baker see **Gladiolus ukambanensis** (Baker) Marais

'Zwanenburg' see **Gladiolus callianthus** Marais 'Zwanenburg'

ALLIUM

Allium L.

Family: Liliaceae

Literature: Davis, Flora of Turkey 8: 98-211, 1984; Flora of Iraq 8: 137-177, 1985; The European garden flora I: 233-246, 1986.

acuminatum Hook.

murrayanum Regel

W N-America; flowers deep rose to white, umbel 12-30-flowered, loose, stem 10-30 cm, leaves shorter than stem, spring flowering.

A.M.-R.H.S. 1949

acutangulum Schldl. see **angulosum** L.

aflatunense B. Fedtsch.

C Asia (Aflatun), 1902; flowers lilac-purple in dense umbel, stem 80-100 cm, leaves much shorter than the stem, May flowering. (2n=16)

A.M.-R.H.S. 1948, A.M.-B.C. 1964

aflatunense B. Fedtsch. 'Mother of Pearl' see 'Mother of Pearl'

aflatunense B. Fedtsch. 'Purple Sensation' see 'Purple Sensation'

akaka S. Gmelin

latifolium Jaub. & Spach

Turkey, USSR (Caucasus), Iran; flowers lilac, umbel hemispherical, many-flowered, stem 5-15 cm, leaf grey-green, summer flowering.

alaicum Vved.

C Asia; flowers light violet, segments with darker veins, later reflexed and twisted, umbel hemispherical, many-flowered, stem 30-70 cm, leaves much shorter than stem, with long reflexed hairs, spring-summer flowering.

albopilosum C.H. Wright see **christophii** Trautv.

'Album' see **carinatum** L. ssp **pulchellum** (G. Don) Bonnier & Layens 'Album'

'Album' see **rosenbachianum** Regel 'Album'

album Santi see **neapolitanum** Cirillo

alexeianum Regel

C Asia; flowers rose with purple midveins, umbel hemispherical, many-flowered, stem 10-20 cm, leaves longer, spring-summer flowering.

alleghehiense Small

W America; flowers very deep rose; related to **cernuum** Roth.

altaicum Pallas

USSR (Siberia), Mongolia; flowers yellowish, umbel dense, many-flowered, stem 12-70 cm, summer flowering.

altissum Regel

C Asia; flowers violet with darker midveins, umbel spherical, many-flowered, dense, stem 80-150 cm, leaves green, considerably shorter than stem, spring flowering.

amabile Stapf

SW China (Yunnan); flowers deep rose to magenta-crimson, umbel 2-5-flowered, stem 10-20 cm, leaves thread-like, erect, summer-autumn flowering.

amethystinum Tausch

descendens Boiss.

SE Europe, C Asia; flowers purple, rather tubular, umbel many-flowered, stem 30-120 cm, shrivelled at flowering time, May-August flowering.

amoenum G. Don see **roseum** L.

ampeloprasum L.

S Europe, USSR (Caucasus), Iran, Turkey, N Africa; flowers pink or dark red, umbel dense, up to 500-flowered, stem 45-180 cm, leaf with rough margin, summer flowering; the cultivated Leek, **porrum** L., is derived from this species.

amplectens Torrey

USA (Washington to S California); flowers white to pinkish, umbel subglobose, many-flowered, stem 20-50 cm, leaves shorter than stem, narrow, June flowering.

anceps Kellogg see **platicaula** S. Watson

angulosum L.

acutangulum Schldl.

Europe to Siberia; flowers pale purple, umbel many-flowered, stem 20-45 cm, summer-autumn flowering.

atriphoeniceum Bornm. see **cardiostemon** Fischer & C. Meyer

atropurpureum Waldst. & Kit.

S Europe; flowers deep red-purple, compressed umbel, stem 40-80 cm, leaves broadly linear, summer flowering. (2n=16)

atroviolaceum Boiss.

E C-Europe, Balkan, N Iraq, Iran, Afghanistan, Caucasus, C Asia; flowers deep purple, sometimes paler or tinted greenish, umbel dense, stem 40-100 cm, summer flowering.

azureum Ledeb. see **caeruleum** Pallas

bakeri Regel see **chinense** G. Don

barszczewskii Lipsky

C Asia; flowers starry pink, leaves narrow, glaucous, stem 60 cm.

beesianum W. Smith

W China; flowers bright blue to purplish blue, bell-shaped to tubular, umbel 6-12 flowered, hemispherical, stem 25-50 cm, leaves sheathing half or one-third of stem, summer flowering.

A.M.-R.H.S. 1982

bulgaricum (Janka) Prodan see **Nectaroscordum siculum** (Ucria) Lindl. ssp **bulgaricum** (Janka) Stearn

caeruleum Pallas

azureum Ledeb.

N to C Asia, 1830; flowers flax-blue (642) with darker midveins, umbel many-flowered, hemispherical to almost spherical, stem 20-80 cm, summer flowering. (2n=16, 32)

caesium Schrenk

urceolatum Regel

USSR (Siberia to C Asia); flowers violet-blue with brownish green midvein, umbel many-flowered, stem 25-65 cm, summer flowering.

callimischon Link ssp **callimischon**

Greece; flowers white with distinct brown or reddish midveins, unspotted, umbel 8-25-flowered, stem 9-38 cm, leaves sheathing stem almost up to umbel, autumn flowering.

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

ALLIUM

callimischon Link ssp **haemostictum** Stearn

Crete, W Turkey; flowers with dark reddish dots in upper part.

cardiostemon Fischer & C. Meyer

atriphoeniceum Bornm., *trilophostemon* Bornm.

C Asia, Iran, Caucasus; flowers deep blackish maroon, umbel many-flowered, dense, stem 15-40 cm, leaves narrowly linear.

carinatum L. ssp **carinatum**

W, C & S Europe, SW USSR, Turkey; flowers dark purple or violet, umbel about 30-flowered, loose and with numerous bulbils, stem 30-60 cm, summer flowering.

A.M.-R.H.S. 1958

carinatum L. ssp **pulchellum** (G. Don) Bonnier & Layens

cirrhosum Vand., *pulchellum* G. Don

S Europe, W Asia, 1810; flowers reddish-violet with darker midrib umbel without bulbils, with more flowers on purplish stalks, July-August flowering. (2n=16)

carinatum L. ssp **pulchellum** (G. Don) Bonnier & Layens 'Album'

cirrhosum Vand. 'Album', *pulchellum* G. Don 'Album'

Tubergen 1969; flower white, stem 20-50 cm, July-August flowering.

carneum Targ.-Tozz. see **roseum** L.

cepa L.

Europe; flowers white with green stripe, bulbs varying in size and shape from cultivar to cultivar.

cernuum Roth

Canada, USA, Mexico; flowers white to pink, umbel 30-40-flowered, nodding, stem 30-70 cm, summer flowering.

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

chinense G. Don

bakeri Regel

China; flowers light violet, umbel hemispherical, loose, up to 18-flowered, stem 28-30 cm, autumn flowering; cultivated in Japan as economic crop.

christophii Trautv.

albopilosum C.H. Wright

Iran to Turkey, 1901; flowers amethyst-violet (35/2), umbel many-flowered, loose, stem 15-40 cm, leaves erect, somewhat glaucous, with stiff spreading hairs beneath and on margin, summer flowering. (2n=16)

A.M.-B.C. 1912, A.M.-R.H.S. 1950

ciliatum Cirillo see **subhirsutum** L.

circinnatum Sieber

Crete; flowers white with pink midveins, umbel 2-5-flowered, stem 5-18 cm, spring flowering.

cirrhosum Vand. see *carinatum* L. ssp *pulchellum* (G. Don) Bonnier & Layens

cirrhosum Vand. 'Album' see *carinatum* L. ssp *pulchellum* (G. Don) Bonnier & Layens 'Album'

'Colanda'

rosenbachianum Regel 'Colanda'

G. Winkelaar, 1950; flowers inside imperial-purple (CC 78b), outside pansy-violet, edged paler, petals bent upwards, stem 100 cm.

T.G.A.-B.C. 1964

cowanii Lindl.

Flowers pure white, large inflorescence, early flowering, stem 30-40 cm; sometimes considered conspecific with but horticulturally distinct from *neapolitanum* Cirillo. (2n=16)

crenulatum Wiegand

W N-America; flowers pink, umbel hemispherical, few-flowered, stem 5-8 cm, summer flowering.

crispum E. Greene

peninsulare Lemmon var *crispum* (E. Greene) Jepson

USA (California); flowers deep rose purple, inner segments with crisped margins, umbel many-flowered, stem 10-30 cm, summer flowering.

cyaneum Regel

purdomii W. Smith

W China, 1890; flowers violet-blue to purplish, segments with darker blue or green midveins, umbel 5-18-flowered, stem 10-45 cm, summer flowering.

cyatophorum Bureau & Franchet var *farreri* (Stearn) Stearn

farreri Stearn

NW China; flowers reddish purple, umbel 5-18 flowered, stem to 30 cm, leaves shorter than stem, summer flowering.

descendens Boiss. see *amethystinum* Tausch

descendens L. see *sphaerocephalon* L.

dichlamydeum E. Greene

W USA (California); flowers clear pink, umbel hemispherical, stem 10-30 cm, leaves equalling the stem.

A.M.-R.H.S. 1984

ALLIUM

drummondii Regel

nuttallii S. Watson

N America; flowers pink to white, umbel several-flowered, erect, stem 10-20 cm, spring flowering.

elatum Regel see **macleanii** Baker

falcifolium J.D. Hook. & Arn.

W USA (California, Oregon); flowers deep rose, umbel many-flowered, compact, stem 5-12 cm, recurving, summer flowering.

fallax Schultes & J.H. Schultes see **senescens** L. ssp **montanum** (Fries) Holub

farreri Stearn see **cyathophorum** Bureau & Franchet var **farreri** (Stearn) Stearn

fistulosum L.

Flowers yellowish white, umbel many-flowered, dense, stem 12-70 cm, summer flowering.

flavum L.

C Europe to W Asia, 1759; flowers golden yellow, umbel many-flowered, hemispherical, stem 20-50 cm, leaves silvery green, July flowering; inflorescence as **carinatum** L. ssp **pulchellum** Bonnier & Layens. (2n=16)
A.M.-R.H.S. 1929

flavum L. 'Minor'

Flowers deep yellow, smaller than the type, leaves plain green, July flowering.

fragrans Vent. see **Nothoscordum gracile** Stearn

geyeri S. Watson

pikeanum Rydb.

USA; flowers pink to white, umbel 10-25-flowered, stem 15-50 cm, spring flowering.

giganteum Regel

C Asia, 1883; flowers purple-violet (633/1), rarely white, umbel spherical, many-flowered, dense, stem 80-150 cm, slightly ribbed, spring flowering. (2n=16)
A.M.-R.H.S. 1932

'**Gladiator**'

aflatunense B. Fedtsch. x **macleanii** Baker.

W. Hey, 1981; flowers rose-purple (CC 75b/d), stem 170 cm.

'**Globemaster**' (B)

macleanii Baker x **christophii** Trautv.

J. Bijl, 1971; flowers aster-violet, leaves glossy green, stem 80 cm.

A.M.-B.C. 1971, F.C.C.-B.C. 1973

'*Grandiflorum*' see *neapolitanum* Cirillo 'Grandiflorum'

'*Grandiflorum*' see *roseum* L. 'Grandiflorum'

grandiflorum Lam. see *narcissiflorum* Villars

griffithianum Boiss.

C Asia; flowers light flesh-pink with darker midveins, umbel hemispherical, dense, more or less many-flowered, stem 10-30(-50) cm, spring flowering.

hirsutum Lam. see *subhirsutum* L.

incarnatum Hornem. see *roseum* L.

inodorum misapplied see *Nothoscordum gracile* Stearn

insubricum Boiss. & Reuter

narcissiflorum Villars var *insubricum* (Boiss. & Reuter) Fiori

N Italy; flowers purple, umbel 3-5 flowered, pendent, stem 14-30 cm.

jajlæ Vved. see *scorodoprasum* L. ssp *rotundum* Stearn

'*Jeannine*' see *moly* L. 'Jeannine'

jesdianum Boiss. & Buhse

kazerouni Parsa, *suvorovii* Nab.

Iraq, Iran; flowers dark violet, umbel many flowered, stem 90-100 cm, spring flowering; very much like *rosenbachianum* Regel.

'John Dix'

giganteum Regel x *christophii* Trautv.

A. Twaalfhoven, 1957; flowers mauve, paler to the centre, stem 100 cm.

A.M.-B.C. 1967, F.C.C.-B.C. 1972

kansuense Regel see *sikkimense* R. Baker

karataviense Regel

C Asia, 1876; flowers light purple-pink with purple midveins (031/3), umbel many-flowered, spherical, dense, stem 10-25 cm, leaves with red margins, May flowering. (2n=18)

F.C.C.-R.H.S. 1885

kazerouni Parsa see *jesdianum* Boiss. & Buhse

kharpotense Freyn & Sint.

C Asia, Iran; flowers white with blackish green or dark red ovary, umbel broadly fastigiate, many-flowered, stem 30-45 cm, spring flowering.

'*Kurilense*' see *splendens* Roemer & Schultes 'Kurilense'

lacteum Smith see *neapolitanum* Cirillo

latifolium Jaub. & Spach see *akaka* S. Gmelin

ALLIUM

longispathum F. Delaroche see **paniculatum** L. ssp **paniculatum**

'Lucy Ball'

aflatunense B. Fedtsch. x **macleanii** Baker.

W. Hey; flowers dark lilac-purple, stem 100 cm.

T.G.A.-B.C. 1972, A.M.-B.C. 1973

lusitanicum Lam. see **senescens** L. ssp **montanum** (Fries) Holub

luteum hort. see **moly** L.

macleanii Baker

elatum Regel

SW Asia, 1887; flowers mineral-violet, (635/1) fading to (635/2), with a deeper violet line down the centre of each segment, umbel spherical, dense, stem 60-100 cm, leaves shorter than stem, shiny green, spring-summer flowering. (2n=16)

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

macranthum Baker

oviflorum Regel

Himalaya to SW China; flowers dark purple, pendent, umbel 3-12 (rarely to 50)-flowered, stem 20-30 cm, summer flowering.

mairei A. Lévêillé

yunnanense Diels

SW China (Xizang, Yunnan); flowers light to bright pink or white with red spots, umbel with flowers stiffly erect, stem 10-40 cm, autumn flowering.

'Minor' see **flavum** L. 'Minor'

mirum Wendelbo

Afghanistan; flowers pale brownish purple to almost white with dark veins, umbel spherical, many-flowered, stem 8-40 cm, leaves glaucous.

moly L.

luteum hort.

E Spain & SW France, 1596; flowers bright yellow with greenish keels outside, umbel many-flowered, stem 12-35 cm, summer flowering. (2n=14)

moly L. 'Jeannine'

Intr. by M.H. Hoog, 1978; flowers bright yellow, in larger umbels, often 2 flower-stems.

A.M.-R.H.S. 1986

montanum F.W. Schmidt see **senescens** L. ssp **montanum** (Fries) Holub

'Mother of Pearl'

aflatunense B. Fedtsch. 'Mother of Pearl'

J. Bijl 1963; flowers violet-purple (CC 77a/b), slightly variable, stem 80-100 cm.

A.M.-B.C. 1968, F.C.C.-B.C. 1971

multibulbosum Jacq. see *nigrum* L.

murrayanum Regel see *acuminatum* Hook.

***narcissiflorum* Villars**

grandiflorum Lam., *pedemontanum* Willd.

SW Alps (France, Italy), N Portugal; flowers purple, umbel many-flowered, erect, stem 15-35 cm.

narcissiflorum Villars var *insubricum* (Boiss. & Reuter) Fiori see *insubricum* Boiss. & Reuter

***neapolitanum* Cirillo**

album Santi, *lacteum* Smith

S Europe, N Africa, 1828; flowers white, umbel many-flowered, loose, stem 40-60 cm, spring flowering. (2n=14, 28, 35)

***neapolitanum* Cirillo 'Grandiflorum'**

Flowers larger than the type.

***nigrum* L.**

multibulbosum Jacq.

S Europe, N Africa, W Asia; flowers white or pale lilac with greenish midveins, umbel compressed or hemispherical, many-flowered, stem 40-90 cm, spring flowering.

***nutans* L.**

USSR (Siberia); flowers rose or lilac, umbel almost spherical, nodding before flowering, stem 30-60 cm, summer flowering.

nuttallii S. Watson see *drummondii* Regel

***obliquum* L.**

C Asia, USSR (Siberia), Romania; flowers pale yellowish green, umbel hemispherical to almost spherical, many-flowered, dense, stem 60-100 cm, summer flowering.

odorum L. see *ramosum* L.

***oreophilum* C. Meyer**

ostrowskianum Regel

USSR (Caucasus, C Asia), 1873; flowers magnolia-purple (CC 70c/d) with darker midvein, umbel few-flowered, loose, stem 5-20 cm, June flowering. (2n=16)

ALLIUM

oreophilum C. Meyer 'Zwanenburg'

Tubergen 1954; flowers lilac-purple (031/1) with darker midveins. (2n=16)

ostrowskianum Regel see **oreophilum** C. Meyer

oviflorum Regel see **macranthum** Baker

oxyphilum Wherry

Almost white variant of **cernuum** Roth

paniculatum L. ssp **fuscum** (Waldst. & Kit.) Arcang.

SE Europe; flowers greenish or brownish or dirty white.

paniculatum L. ssp **paniculatum**

longispathum F. Delaroche

S & E Europe; flowers white or pink, umbel loose, stem 30-70 cm, leaves about 0.2 cm wide, prominently ribbed beneath, summer flowering.

paradoxum (M. Bieb.) G. Don var **normale** Stearn

USSR (Caucasus), Iran; flowers white with a faint green midvein, umbel to 10-flowered.

A.M.-B.C. 1981

paradoxum (M. Bieb.) G. Don var **paradoxum**

USSR (Caucasus), Iran, naturalised in NW Europe; flowers white with a faint green midvein, stem 15-30 cm, summer flowering.

pedemontanum Willd. see **narcissiflorum** Villars

peninsulare Lemmon var *crispum* (E. Greene) Jepson see **crispum**

E. Greene

pikeanum Rydb. see **geyeri** S. Watson

platicaulum S. Watson

anceps Kellogg

USA (Oregon, N California); flowers rose, umbel many-flowered.

porrum L.

Cultivated leek, derived from **ampeloprasum** L.

protensum Wendelbo

C Asia, Afghanistan, Iran; flowers pale brown with darkish midveins, umbel many-flowered, loose, stem 10-30 cm.

pulchellum G. Don see **carinatum** L. ssp **pulchellum** Bonnier & Layens

pulchellum G. Don 'Album' see **carinatum** L. ssp **pulchellum** Bonnier & Layens 'Album'

purdomii W. Smith see *cyaneum* Regel

'Purple Sensation'

aflatunense B. Fedtsch. '*Purple Sensation*'

J. Bijl 1963; flowers violet-purple (CC 77a,b), slightly variable, stem 60-80 cm.

A.M.-B.C. 1968, F.C.C.-B.C. 1971, A.M.-R.H.S. 1987

'Purple Surprise'

clone of '*Purple Sensation*' W. Hey 1984; flowers violet-purple (CC 77a).

T.G.A.-B.C. 1984

purpurascens Losa see *schoenoprasum* L.

***ramosum* L.**

odorum L., *tartaricum* L.f.

C Asia; flowers white with dark red midveins, umbel usually compressed, few- to many-flowered, stem 24-50 cm, summer flowering.

***regellii* Trautv.**

C Asia, Afghanistan, NE Iran; flowers pink to deep purple, umbel few-flowered, stem 30-65 cm, May-June flowering.

'Rien Poortvliet'

sport of '*Gladiator*'

W. Hey 1980; flowers amethyst-violet (CC 75a), stem 85 cm.

***rosenbachianum* Regel**

SW Asia, 1894; flowers dark violet with darker midveins, umbel many-flowered, loose, stem 100-120 cm, ribbed, May flowering. (2n=16)

***rosenbachianum* Regel '*Album*'**

Flowers whitish with darker midveins, spring flowering.

rosenbachianum Regel '*Colanda*' see '*Colanda*'

***roseum* L.**

amoenum G. Don, *carneum* Targ.-Tozz., *incarnatum* Hornem.

S Europe, N Africa, Turkey, 1697; flowers rose, also forms with white or flesh-coloured flowers are known, umbel many-flowered, stem 30-50 cm, spring-summer flowering. (2n=32)

***roseum* L. '*Grandiflorum*'**

Europe, 1976; flowers pink.

'Rosy Giant'

A. Twaalfhoven 1959; flowers amaranth-rose (CC 65a), edged darker, stem 100 cm.

ALLIUM

rubellum M. Bieb.

USSR, Afghanistan, W Himalaya; flowers pink with darker midveins, umbel hemispherical, many-flowered, stem 10-60 cm.

schoenoprasum L.

purpurascens Losa, *sibiricum* L.

N Hemisphere; flowers lilac or pale purple, umbel dense, stem 5-50 cm.

schubertii Zucc.

E Mediterranean area to C Asia, 1896; flowers small, mallow-purple (630), umbel many-flowered, stem 5-90 cm, June-July flowering. (2n=16)

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

scorodoprasum L. ssp **rotundum** Stearn

jajlae Vved.

S Europe; flowers lilac to dark purple, umbel many-flowered, without bulbils, stem 25-90 cm, spring-summer flowering.

senescens L. var *calcoreum* Wallr. see **senescens** L. ssp **montanum** (Fries) Holub

senescens L. ssp **montanum** (Fries) Holub

fallax Schultes & J.H. Schultes, *lusitanicum* Lam., *montanum* F.W. Schmidt, *senescens* var *calcoreum* Wallr.

W USSR (Ukraine) to N Portugal; flowers white to lilac or pink, umbel hemispherical, stem 7-45 cm, summer-autumn flowering.

A.M.-R.H.S. 1987

senescens L. ssp **senescens**

N Asia; flowers lilac, umbel hemispherical, stem 3-60 cm, summer-autumn flowering.

'Shalom'

D. de Vries, intr. by C. Broeze 1977; flowers violet-purple (CC 77a/b), stem 160-175 cm.

sibiricum L. see **schoenoprasum** L.

siculum Ucria see **Nectaroscordum siculum** (Ucria) Lindl.

siculum Ucria ssp *siculum* see **Nectaroscordum siculum** (Ucria) Lindl. ssp **siculum**.

sikkimense R. Baker

kansuense Regel, *tibeticum* Rendle

Himalaya to W China; flowers blue-purple, bell-shaped, umbel few-to many-flowered, pendent, stem 10-40 cm, summer flowering; very similar to *beesianum* W. Smith.

A.M.-R.H.S. 1937

sphaerocephalon L.

descendens L.

Europe, N Africa, W Asia; flowers reddish purple, umbel many-flowered, stem 50-90 cm, summer flowering. (2n=16)

splendens Roemer & Schultes

Japan, E Asia; flowers bright rose-lilac with purple midveins, umbel many-flowered, stem to 60 cm.

splendens Roemer & Schultes 'Kurilense'

Flowers with lilac-purple segments, pendent, umbel 8-12-flowered, stem 10 cm.

stamineum Boiss.

Turkey, Balkan, Iraq, Iran; flowers pale pinkish purple with darker midveins, stem 5-25 cm, spring-summer flowering.

stenopetalum Boiss. & Kotschy

Turkey; flowers purple, small, umbel spherical, dense, stem about 50 cm, scabrid at margin, spring-summer flowering.

stipitatum Regel

C Asia; flowers lilac-purple (630/1), segments later reflexed and twisted, umbel many-flowered, almost spherical, stem 60-150 cm, summer flowering. (2n=16)
A.M.-R.H.S. 1958

subhirsutum L.

ciliatum Cirillo, *hirsutum* Lam.

Mediterranean; flowers white, umbel few-to many-flowered, stem 7-30 cm, spring flowering.

subhirsutum L. ssp *trifoliatum* (Cirillo) Arcang. see **trifoliatum** Cirillo

suvorovii Nab. see **jerdianum** Boiss. & Buhse

suworowii Regel

C Asia, Afghanistan; flowers rose-violet, umbel hemispherical, many-flowered, stem 30-100 cm, leaves to 3 cm wide, rough at margin.

tartaricum L.f. see **ramosum** L.

tibeticum Rendle see **sikkimense** R. Baker

trifoliatum Cirillo

subhirsutum L. ssp *trifoliatum* (Cirillo) Arcang.

Mediterranean area; segments tinged with pink or pink-veined, flower-stalks shorter than in **subhirsutum**; very similar to **subhirsutum**.

trilophostemon Bornm. see **cardiostemon** Fischer & C. Meyer

ALLIUM

triquetrum L.

W Mediterranean, 1789; flowers white with distinct green midveins, drooping, umbel 3-15 flowered, stem 10-35 cm, spring flowering. (2n=18)

tuberosum Sprengel

uliginosum G. Don

SE Asia; flowers white with a faint green or brown midvein on the back, umbel many-flowered, stem 25-50 cm summer-autumn flowering.

uliginosum G. Don see **tuberosum** Sprengel

unifolium Kellogg

USA (Oregon, California), 1873; flowers pink to lavender-pink (31/2), umbel 15-20-flowered, stem 30 cm or more, spring-summer flowering. (2n=14, 32)
A.M.-R.H.S. 1949

urceolatum Regel see **caesium** Schrenk

ursinum L. ssp **ursinum**

Europe, USSR (Caucasus); flowers pure white, umbel 6-20 flowered, stem 20-50 cm, narrowed at base into a stalk, for shadowed places, spring flowering. (2n=14)

victoralis L.

S Europe, N Asia; flowers pale or greenish yellow, umbel many-flowered, stem 30-60 cm, summer flowering.

'Violet Beauty'

J.J.M. Twalfhoven, 1979; flowers mineral-violet (CC 76b), with a green midvein on the back, stem 100 cm.

virgunculae F. Maek. & Kitam.

Japan (Kyushu); flowers pink or pinkish purple with a green band, umbel 2-12-flowered, loose, stem 8-22 cm, autumn flowering.
A.M.-R.H.S. 1982

wallichii Kunth

Nepal to W China; flowers magenta to purple, umbel many-flowered, stem 30-75 cm.

yunnanense Diels see **mairei** A. Lévêillé

zebdanense Boiss. & Noë

Lebanon; flowers white, umbel 3-10-flowered, stem 25-40 cm, leaves slightly shorter than stem, spring flowering. (2n=18)

'Zwanenburg' see **oreophilum** C. Meyer **'Zwanenburg'**

ALSTROEMERIA

Alstroemeria L.

Family: Liliaceae

Literature: The European garden flora I: 208-210, 1986; E. Bayer, Die Gattung *Alstroemeria* in Chile, in Mitt. Bot. Staats. München 24, 1987.**'Achievement'**

Parigo, intr. by Wülfinghoff, 1960; flowers rhodamine-pink (CC 62a), blotches extending nearly to the top of petals canary-yellow (CC 7), striped brownish red.

A.M.-B.C. 1967, F.C.C.-B.C.1969

'Advendo' (B)

Lezan, 1987; inside erythrite-red flame (CC 186b) on white ground at tip, chrysanthemum-red stripes along edge, somewhat greenish in throat, on inner petals vague greenish white spot with delicate stripes, pink filaments with bronze anthers; outside flower-tube chrysanthemum-red with brown vein, petals pinkish with broad chrysanthemum-red flame with large green point and red stripes along edge.

'Afterglow'

Parigo, intr. by Wülfinghoff, 1969; flowers dark mallow-pink (CC 48a), blotches dresden-yellow (CC 5b), striped reddish purple.

A.M.-B.C. 1969

'Alba' see *pelegrina* L. **'Alba'****'Albertino'**

A.N.H. van Os, 1987; inside roseine-purple (CC 68b), white with yellow blotch on inner petals, brown stripe over all petals spread, throat pink, filaments pink, anthers grey; lilac-magnolia purple outside (CC 70b/c) with chrysanthemum-crimson flame on top.

Annabel see **'Stalan'****'Antonio'**

A.N.H. van Os, 1987; inside magnolia-purple (CC 70d) to roseine-purple (CC 68b), pink to salmon in throat, chocolate brown stripes along top, delicate dark brown stripes over all petals, short yellowish white blotch, filaments pink, anthers lemon-yellow; outside mallow-purple (CC 72d) with pinkish white blotch on inner petals.

'Apollo' (B)

Wülfinghoff, 1988; inside ivory white (CC 155c) with aureolin spot in throat (CC 12b) and ochre-brown broken stripe on vein (CC 165a), upper inner petals buttercup-yellow (CC 15a) with ivory white tip and small ivory white spot in

throat, dark brown stripes (CC 166a), lower inner petals ivory-white with aureolin (CC 12c) and buttercup-yellow (CC 15a) in centre, dark brown stripes, filaments ivory white with vague orient pink glow (CC 36d), anthers grey-yellow; outside ivory white (CC 155c) with on flower-tube aureolin spot (CC 12b), light green point.

'Apolonia' (B)

C. van Duyn, 1988; inside ivory white with phlox-pink glow (CC 62c/d), outer petals central primrose-yellow spot (CC 4c), striped indian lake (CC 59b), inner petals ivory white with some indian lake stripes, filaments roseine-purple (CC 68c), anthers grass-green (CC 141c); outside outer petals roseine-purple (CC 68c), upper petals ivory white (CC 155c), edged with Scheele's green flame (CC 143b).

Appelbloesem see **'Stakaros'**

Atlas see **'Stalrama'**

'Attica' (B)

A.M. Könst, 1987; inside orange (CC 30d), tipped neyron-rose (CC 55b), inner petals with maize-yellow spot (CC 21b) and dark brown stripes, filaments empire-rose; outside spanish orange (CC 26a), flamed light green, near tip dark empire-rose spot (CC 48a).

'Attila'

H. Tulen, 1984; inside roseine-purple (CC 68b) with magenta-rose flame (CC 64c), inner petals white with small yellowish white mark and delicate chrysanthemum-red stripes, lower petals roseine-purple with greenish red stripes, filaments roseine-purple, anthers lemon-green (CC 151a); outside roseine-purple (CC 68b) with vague violet-red flame.

aurantiaca D. Don see **aurea** Graham

aurea Graham

aurantiaca D. Don

Chile, 1833; flowers yellow, orange or red, outer petals rounded, tips green, the upper inner petals spotted and streaked with dark red, summer flowering. (2n=16)

A.M.-R.H.S. 1893, T.G.A.-R.H.S. 1926

aurea Graham **'Dover Orange'**

Clark; flowers deep orange, two upper petals with small crimson streak on yellow ground.

A.M.-R.H.S. 1935, A.M.-B.C. 1944

aurea Graham **'Lutea'**

Flowers bright yellow, spotted brown.

aurea Graham 'Moerheim's Orange'

Moerheim, 1946; flowers indian-orange (CC 32a), shaded capsicum-red (CC 33a), blotches lemon-yellow (CC 14a), striped violet-purple.

aurea Graham 'Orange King'

Jac. Ruiter; flowers marigold-orange (CC 28b), blotches buttercup-yellow, striped violet-purple.

A.M.-B.C. 1930, F.C.C.-B.C. 1939

aurea Graham 'Splendens'

Flowers tangerine-orange (CC 24a), darker shaded, upper petals blotched purple on lemon-yellow (CC 14b).

'Ballerina'

Parigo, intr. by Wülfinghoff, 1959; flowers rose-pink, tipped bronzy-green, blotches aureolin (CC 12), striped purple and feathered brownish red. (2n=ca. 23)

A.M.-R.H.S. 1961, F.C.C.-R.H.S. 1962, A.M.-B.C. 1967, F.C.C.-B.C. 1969

Beauty see 'Stabluna'

'Bestseller'

H. Tulen, 1984; inside magenta-rose (CC 64d), greyish red veins near margin and top with small green point, inner petals fine densely striped, narrow white spot with small light yellow mark on upper petals, filaments roseine-purple, anthers chartreuse-green; outside magenta-rose (CC 64c), delicate dark brown stripes along edge.

'Bettina'

Parigo, intr. by Wülfinghoff, 1961; flowers spiraea-red (CC 63b), purple stripes on lower petals, upper inner segments to the centre sulphur-yellow (CC 6a), striped dark purple, anthers purple. (2n=24)

A.M.-B.C. 1968, F.C.C.-B.C. 1969

Bianca see 'Zelblanca'

'Bingo' (B)

Lezan, 1987; inside mallow-purple (CC 73a), blotch somewhat rose-red, on inner petals white spot with yellowish white mark, all petals entirely currant-red striped, filaments purple, anthers bronze-brown; outside phlox-pink (CC 62b) with broad greyish red flame (CC 182a), currant-red striped along edge and vein.

'Bogota' (B)

A.M. Könst, 1987; inside brick-red (CC 35c) with neyron-rose tip (CC 55a/b), on outer petals some red brown stripes in throat, inner petals aureolin (CC 12b) with neyron-rose tip, red brown stripes, filaments pink, anthers light grey-brown; outside empire-rose feathered (CC 48d) with green flame.

Bolivia see 'Yellow Queen'

'Bombola'

Parigo, intr. by Wülfinghoff, 1961; flowers spinel-red (CC 54), above yellow blotches tinted crimson, striped purple-brown.

A.M.-B.C. 1967, F.C.C.-B.C. 1970

'Bonito' (B)

Van Zanten Bros., 1988; inside neyron-rose (CC 55a) with some ruby-red stripes along edge near top, upper inner petals from top to base tyrian-purple (CC 61c), vague primrose-yellow glow (CC 4d) on ivory white ground, changing into vague phlox-pink glow in throat (CC 62d), ruby-red stripes over entire petals, lower petals neyron-rose with ruby-red stripes over entire petals, filaments neyron-rose (CC 55b), anthers grey-yellow (CC 160a); outside neyron-rose (CC 55a/b) or magnolia purple to lilac-purple (CC 70c/d) with light green point, some vague ruby-red stripes along edge.

'Borde Hill Gold'

sport of 'Walter Fleming'

R. Clarke, 1966; flowers bright yellow, petals carrying a dappled strain of purple in the throat.

brasiliensis Sprengel

Brazil; leaves hairless, umbel with about 5 rays, each ray bearing 1-3 flowers, flowers reddish yellow, inner segments spotted brown, summer-early autumn. (2n=16)

'Brocado' (B)

Van Zanten Bros., 1988; inside lilac-purple (CC 74d) with mallow-purple flame (CC 72c) and small ruby-red stripes, inner petals with large ivory white flame (CC 155c) with in centre small sulphur-yellow blotch (CC 6b), over entire petals dark indian-lake stripes (CC 187a), filaments magnolia-purple (CC 70d), anthers brown-grey; outside flower-tube beetroot-purple (CC 71d) at top vague moss-green glow (CC 138b), petals mallow-purple (CC 72c/d), vague tyrian-purple flame (CC 61b) with grass-green point (CC 141b), some ruby-red spots (CC 59a).

Butterscotch see 'Stalibron'

Campfire see 'Stadoran'

'Campo'

A.M. Könst, 1987; inside buff-yellow (CC 163c) with majolica-brown spot (CC 168b) and pink point, inner petals lemon-yellow with dark brown veins and buff yellow point, filaments majolica-yellow, anthers ochre-brown; outside buff-yellow (CC 163a/b) with lemon-yellow and brown basal spots.

Canaria see 'Stagelb'

'Capitol' (B)

Parigo, intr. by Wülfinghoff, 1975; flowers outside empire-rose (CC 48d), outer petals slightly tipped green, inside empire-rose (CC 48d) with cadmium-orange (CC 23c) blotches, striped brownish red.

'Capri' (B)

Agroflour, 1988; inside ivory white with phlox-pink spot in middle (CC 62b), upper inner petals ivory white with vague phlox-pink glow (CC 62d), in middle vague primrose-yellow spot (CC 4d), over entire petals ruby-red stripes (CC 59a), lower inner petals ivory white with phlox-pink stripes in centre (CC 62b), some small ruby-red stripes at top of petals, filaments rose-purple (CC 75b), anthers lemon-yellow (CC 155a); outside roseine-purple (CC 68c) with ivory white edges (CC 155c) and darker roseine-purple spot in middle (CC 68a), light green point at top.

'Carina' (B)

C.T.J. de Jong, 1987; inside pinkish white, outer petals flamed fuchsia-purple (CC 66d) with chrysanthemum-red stripes along edge, inner petals pinkish white with narrow primrose-yellow spot and long chrysanthemum-red stripes, filaments purple, anthers bronze-brown; outside amaranth-rose (CC 65a) with empire-rose spot, pinkish white edge with chrysanthemum-red stripes.

'Carmen' (B)

Parigo, intr. by Wülfinghoff, 1961; flowers spiraea-red (CC 63), blotches lemon-yellow (CC 13a), striped brown. (2n=24)

A.M.-B.C. 1967, F.C.C.-B.C. 1969

Carola see 'Stalvir'

'Cavalier' (B)

J.A.M. Goemans, intr. by Wülfinghoff, 1987; inside pinkish white with magnolia purple blotch at top, short lemon-yellow spot with strong dark brown stripes, filaments light purple; outside whitish pastel-mauve veined at top, vague yellow spot on pinkish flame, flower-tube pinkish.

'Charm'

Parigo, intr. by Wülfinghoff, 1960; flowers venetian-pink (CC 49b/c), to the top of the petals slightly maize-yellow, greenish veined midrib, blotches canary-yellow, streaked brown-purple.

A.M.-R.H.S. 1961, A.M.-B.C. 1969

chilensis Lemaire see *ligtu* L. ssp *ligtu*

'Cleopatra'

C. van Duyn, 1984; inside buttercup-yellow (CC 15b) with marigold-orange point, rust-brown stripes on inner petals, filaments orange, anthers lemon-yellow; outside buttercup-yellow (CC 15a) with broad chinese-coral flame.

'Colorado' (B)

A.M. Könst, 1987; inside coral pink, broad lemon-yellow spot with delicate brown stripes, filaments yellowish to purple, anthers brown, flower opens half; outside flower-tube white spotted, petals vague azalea-pink, spiraea-red spots around flower-tube and top.

'Comet'

Parigo, intr. by Wülfinghoff, 1961; flowers spiraea-red (CC 63), fading into china-rose (CC 58c), blotches buttercup-yellow striped purple, petals tinted rhodonite-red (CC 51) above blotches.

'Copperfield'

C. van Duyn, 1984; inside Spanish-orange (CC 26a) with light red-brown flame and point (CC 169b), on inner petals bright lemon-yellow mark (CC 13a) and small spot on lower petals, somewhat rough brown stripes on inner petals, point violet-red, dark orange with yellow striped centre, filaments burnt-orange, anthers carrot-red; outside burnt orange (CC 170a).

'Cycloop'

Parigo, intr. by Wülfinghoff, 1961; flowers spiraea-red (CC 63), blotches buttercup-yellow (CC 15), striped black.

'Cyprus' (B)

sport of **'Walter Fleming'**

C. van Duyn, 1985; inside outer petals flamed primrose-yellow from throat on primrose-yellow ground (CC 4d), purple pointed, inner petals maize-yellow (CC 21b), light yellow pointed, petals uniformly chocolate-brown striped, filaments light pink, anthers grey-yellow; outside broad canary-yellow flame (CC 9c) on ivory white ground, narrow green vein on ochre-brown, long feathered flame.

'Dallas'

H. Tulen, 1984; inside outer petals roseine-purple flamed on broad pastel-mauve ground (CC 69b) and purple spots at edge, inner petals white with roseine-purple vein, oxblood-red stripes and small light yellow mark, anthers greenish grey, filaments roseine-purple; outside spiraea-red (CC 63c), tyrian-purple flamed (CC 61b), broad phlox-pink margin (CC 62c) with brown spots.

'Desiré'

H. Tulen, 1986; inside lilac-purple (CC 74c), yellowish white spot on inner petals and ochre-brown blotches, filaments cyclamen-purple, anthers dull greenish-grey; outside flower-tube chrysanthemum-red, petals mallow-purple (CC 72c).

'Dover Orange' see **aurea** Graham **'Dover Orange'**

'Eleanor' (B)

J.A.M. Goemans, intr. by Wülfinghoff, 1987; flowers ivory white with light short primrose-yellow spot, inner petals lemon-yellow (CC 13b), somewhat white in throat, primrose-yellow point, rough chocolate-brown stripes, segments ivory white, anthers bronze-green; outside flower-tube amethyst-violet spotted, petals white with vague primrose-yellow spot.

'Elsbeth' (B)

C. van Duyn, 1989; outside malva-purple (CC 72c) with chrysanthemum-red flame (CC 60c), upper margins with fine ruby-red stripes (CC 59c); inside reddish magenta to malva-purple (CC 64d/72d) with reddish magenta flame (CC 64b) with Indian-lake spot (CC 59b), upper margins with fine ruby-red stripes (CC 59a), inner lateral petals from top to base: reddish magenta (CC 64b/c), ivory white (CC 155b), phlox-pink (CC 62d), striped ruby-red (CC 59a), inner median petals reddish magenta to malva-purple (CC 64d/72d) striped entirely ruby-red (CC 59a), filaments and stigma phlox-pink (CC 62b), pollen dark grey-blue (CC 116b)

'Eros'

Parigo, intr. by Wülfinghoff, 1961; flowers spinel-pink (CC 54a), blotches dresden-yellow (CC 5b), edged red-brown, striped purple-brown.

A.M.-B.C. 1968

'Evening Glow' (B)

C. van Duyn, 1985; inside outer petals roseine-purple to fuchsia-purple (CC 68a/67b) with delicate ruby-red veins at edge, inner petals fuchsin-purple with short canary-yellow spot on white ground, broad ruby-red stripes on upper and lower petals, filaments fuchsin-purple, anthers lead-grey; outside roseine-purple (CC 68b) with broad currant-red flame.

Fabiola see **'Stabelstri'**

'Fanfare'

Parigo, intr. by Wülfinghoff, 1975; flowers outside empire-rose (CC 48c), outer petals tipped green, inside dark empire-rose (CC 48a), two inner segments blotched pale yellow, striped brownish red.

'Festival'

Parigo, intr. by Wülfinghoff, 1969; flowers rose-bengal, upper petals with aureolin blotches, veined brownish purple.

'Fidelio'

Parigo, intr. by Wülfinghoff, 1961; flowers rose-red (CC 58b), blotches buttercup-yellow (CC 12b), striped purple-brown. (2n=24)

A.M.-B.C. 1969, F.C.C.-B.C. 1970

'Filipo'

A.N.H. van Os, 1987; inside roseine-purple to fuchsin-purple (CC 68a/67c), aureolin-spot on white ground, inner petals delicate dark brown striped, filaments light pink, anthers green-yellow; outside magenta-rose (CC 64c), claret-rose flame.

'Flamengo' (B)

Lezan, 1987; inside pinkish with brown-red stripes along petal edge, on petals china-rose spot, dark green point, inner petals with vague green-yellow spot and delicate brown-red stripes, filaments china-rose, anthers bronze-brown; outside flower-tube violet-red to spinel-red, all petals greyish white, red and light grey striped, broad violet-red (CC 180b) flame.

'Florence' (B)

Agrofleur, 1988; inside fuchsia-purple (CC 67d) with vague small light solferino-purple glow in throat (CC 65d), upper inner petals fuchsin-purple (CC 67d) with primrose-yellow spot (CC 2b) edged lighter primrose-yellow (CC 2d) and light solferino-purple (CC 65d) in throat, over entire petals Indian-lake stripes (CC 187a), inner petals fuchsia-purple (CC 67d) with some dark Indian-lake stripes, filaments light solferino-purple (CC 65c), anthers grey-yellow; outside fuchsin-purple (CC 67d) with flame changing into moss-green point (CC 138a).

Florence see **'Stazaro'**

'Fortune' (B)

Parigo, intr. by Wülfinghoff, 1969; flowers roseine-purple (CC 68b), blotches dresden-yellow (CC 5b), striped dark purple.

A.M.-B.C. 1968, F.C.C.-B.C. 1969

'Friendship' (B)

J.A.M. Goemans, intr. by Wülfinghoff, 1987; inside cream-white with canary-yellow mark in throat, inner petals aureolin (CC 12b), striped red-brown, filaments pink, anthers grey-brown; outside flower-tube orient-pink, petals light primrose-yellow with barium-yellow spot.

'Gérardo'

A.N.H. van Os, 1987; inside rose-purple (CC 75b) with mallow-purple glow, lilac to magnolia-purple flame (CC 70b/c), inner petals rose-purple in throat changing into white spot with mauve top, delicate dark brown stripes on inner petals, filaments pink, yellow-green anthers; outside lilac-purple (CC 74d) with fuchsia-purple flame (CC 67b), inner petals pinkish white.

'Golden Delight' (B)

J.A.M. Goemans, intr. by Wülfinghoff, 1988; inside lemon-yellow (CC 13a), inner petals indian yellow (CC 17b), dark indian-lake stripes over entire petals, filaments peach (CC 29d), anthers grey-yellow (CC 160a); outside lemon-yellow (CC 13a) with light orange flame (CC 24b), small neyron-rose stripes on flower-tube (CC 55b).

haemantha Ruiz Lopez & Pavon see *ligtu* L. ssp *ligtu*

haemantha Ruiz Lopez & Pavon var *simsiana* Herbert see *ligtu* L. ssp *simsii* (Sprengel) Bayer

'Halley' (B)

L.A. van der Hoorn, 1987; inside outer petals phlox-pink (CC 62c) with light spiraea-red spot, inner petals pinkish to white with spiraea-red spots and currant-red stripes, vague yellow mark, filaments spiraea-red, anthers light green; outside rhodamine-pink (CC 62a) to phlox-pink (CC 62b), with Delft-rose spot (CC 47c), base light green.

'Harlequin'

Parigo, intr. by Wülfinghoff; flowers magenta-rose (CC 186b), edged white and striped purple, upper petals white and striped brown-purple.

Harmony see **'Stabrons'**

'Hellas'

Parigo, intr. by Wülfinghoff, 1975; flowers outside empire-rose (CC 48c), inside of the inner petals amber-yellow, striped carmine-red, to the top empire-rose, inside of the outer segments rhodonite-red (CC 51c).

'Houston'

H. Tulen, 1985; inside mallow-purple (CC 73b) with some violet-red spots, grey-red spots along edge, inner petals mallow-purple, on upper petals narrow aureolin spot on pinkish white ground, all petals with long oxblood-red stripes, filaments mallow-purple; outside amaranth-rose (CC 65a) with ruby-red stripes along edge, base dull grey-brown.

'Icecream' (B)

Van Zanten Bros., 1987; inside ivory white with light phlox-pink glow (CC 56d); upper inner petals light phlox-pink (CC 56b) with ivory white point and indian-lake stripes (CC 59b), lower inner petals ivory white with indian-lake stripes, filaments phlox-pink (CC 62c/d), anthers buff yellow (CC 163a); outside phlox-pink (CC 62b) on ivory white ground (CC 155c), vein and throat Scheele's green (CC 144b/c).

'Imperator'

Parigo, intr. by Wülfinghoff, 1961; flowers spiraea-red (CC 63), blotches aureolin (CC 12), striped purple-brown. (2n=24)

'Indiana' (B)

Van Zanten Bros., 1988; inside light phlox-pink (CC 56d) with chrysanthemum-red flame (CC 60d), ruby-red stripes along edge near top of petals (CC 59a), upper inner petals light phlox-pink (CC 56d) with vague primrose-yellow blotch in middle, small rhodamine-pink point (CC 62a), ruby-red stripes over

entire petals, lower inner petals ivory white (CC 155c) to light phlox-rose (CC 56d), point pink-rose, ruby-red stripes, filaments solferino-purple (CC 65b), anthers yellow-brown (CC 164b); outside rose-bengal (CC 61d) changing into rhodamine-pink (CC 62a) with chrysanthemum-red flame (CC 60c), feathered ruby-red (CC 59a), point light green.

Isabella see 'Stalis'

'Jacqueline' (B)

C. van Duyn, 1982; inside outer petals china-rose spotted, pinkish white edge and indian-lake veins (CC 58a), inner petals pinkish white with green-yellow spot on chrysanthemum-red veins; outside long currant-red vein (CC 47b), pinkish white edge with delicate ruby-red veins.

'Jessica'

C.T.J. de Jong, 1987; inside phlox-pink (CC 62b) to spiraea-red at top, ruby-red spots at edge, on inner petals large white spot with small light yellow mark, all petals entirely chrysanthemum-red spotted, filaments pink; outside amaranth-rose (CC 65a), purple-red stripes along edge, dark base-spots.

'Joli Coeur'

H. Tulen, 1984; inside spiraea-red flame (CC 63b) on pinkish white ground, inner petals pinkish white, somewhat yellowish with long oxblood-red stripes (CC 183b), spiraea-red mark on lower petals, filaments spiraea-red, anthers lemon-yellow (CC 151a); outside spinel-red (CC 54c), top empire-rose (CC 48c), some brown-red stripes along edge on neyron-rose ground.

Jubilee see 'Stalilas'

Jumbo see 'Tango'

Jupiter see 'Zelpado'

'Katjana' (B)

Agrofleur, 1988; inside outer petals amethyst-violet (CC 81c) with vague doge-purple spot at point (CC 72b), inner petals from top to base cobalt violet (CC 78c), chartreuse-green spot (CC 1a) on ivory white ground, pastel-mauve in throat (CC 69b), indian-lake stripes over entire petals (CC 187a), lower inner petals amethyst-violet with some indian-lake stripes along edge near top, filaments transparent rose-purple (CC 75b), anthers carnation-leaf green (CC 189b); outside amethyst-violet (CC 81c) with light green point.

King Cardinal see 'Starodo'

'La Paz' (B)

A.M. Könst, 1987; inside primrose-yellow (CC 3a), inner petals lemon-yellow (CC 13b) with aureolin point, dark brown stripes, green-yellow filaments, anthers bronze-green, flowers fading into indian-yellow (CC 17a); outside dresden-yellow (CC 5a) with green vein and brown base spots.

Libelle see 'Stalbel'

ligtu L.

Chile, Argentina, 1822; flowers varying from whitish to lilac, pink or reddish, upper inner petals spotted and streaked with white and yellow and red, or purple, summer flowering. (2n=16)

ligtu L. ssp ligtu

chilensis Lemaire, *haemantha* Ruiz Lopez & Pavon, *pulchella* misapplied
Chile, 1838; flowers blood-red or pink, two inner petals lined yellow, variable.
(2n=16)

ligtu L. ssp simsii (Sprengel) Bayer

haemantha Ruiz & Pavon var *simsiana* Herbert, *simsii* Sprengel
Chile, 1822; flowers bright red, inner segments reddish yellow, inner petals purple spotted and streaked. (2n=16)

Ligtu-hybrids

hybrids of *ligtu L.* x *ligtu L. ssp ligtu*

Cl. Elliot, B. Gourlay, 1929; colours range from orange, red, tangerine through pink to almost white; mostly propagated by seed.

ligtu L. 'Vivid'

W.A. Constable; flowers salmon.
A.M.-R.H.S. 1937

'Lilac Glory' (B)

C. van Duyn, 1984; inside broad fuchsia-purple flame (CC 67b) on pinkish white ground, currant-red stripes on inner petals and along edge, vague green-yellow mark, filaments phlox-pink, anthers chartreuse-green; outside flower-tube light grey-brown, petals light grey-brown to cardinal-red flamed with broad neyron-rose edge with currant-red spots.

'Lima' (B)

A.M. Könst, 1987; inside lemon-yellow (CC 13b) with bluish white point, inner petals saffron-yellow with long dark brown veins, filaments light yellow, anthers bronze-green; outside straw-yellow (CC 13c), white base spots, somewhat brownish at base, green vein.

'Lione' (B)

C. van Duyn, 1984; inside carmine (CC 52b), pinkish white edge with currant-red veins, broad short primrose-yellow spot on inner petals, filaments carmine rose, anthers grey-green; outside carmine-rose (CC 52c), pinkish white edge with currant-red veins.

'Lola'

C.W.M. van Os, 1987; inside bright magnolia-purple (CC 70d) with broad fuchsia-purple spot; inner petals roseine-purple, entirely rather rough ruby-red striped, on upper petals long white spot with short broad aureolin-mark, filaments roseine-purple, anthers ochre-brown; outside mallow-purple (CC 73a/b), chrysanthemum-red spot at top, light green base spots.

Luciana see **'Stalluc'**

'Lutea' see aurea Graham **'Lutea'**

Mandarin see **'Stalrin'**

Manon see **'Zelanon'**

'Marianne' (B)

C. van Duyn, 1987; inside mallow-purple (CC 72d), large whitish spot with vague yellow mark, entire petals striped brown, filaments purple, anthers lemon-yellow; outside mallow-purple (CC 72d) with beetroot-purple flame.

'Marina' (B)

Parigo, intr. by Wülfinghoff, 1961; flowers tyrian-purple (CC 61b), blotch lemon-yellow (CC 13 b), striped black-brown. (2n=24)
A.M.-B.C. 1967, F.C.C.-B.C. 1970

'Mascot'

Parigo, intr. by Wülfinghoff, 1969; flowers fuchsia-red (CC 63a), on upper petals blotches aureolin (CC 15b), striped purple.

'Mendoza' (B)

A.M. Könst, 1987; inside mallow-purple (CC 73c/d), on inner petals light yellow spot with small canary-yellow mark and red-brown stripes, filaments purple, anthers greyish brown; outside mallow-purple (CC 73c/d) with light green base spots.

'Mercedes' (B)

C. van Duyn, 1988; inside mallow-purple (CC 73b) with somewhat darker spot (CC 73a), changing into ivory white in throat, upper inner petals magenta rose (CC 64d) with primrose-yellow spot (CC 2b), edge lighter (CC 4d), changing into light solferino-purple in throat (CC 65d), Indian-lake stripes (CC 187b), lower inner petals mallow-purple (CC 73b) with some magenta-rose stripes (CC 64d), filaments rhodamine-purple (CC 68d), anthers willow-green (CC 194d); outside mallow-purple (CC 73b) with somewhat darker flamed glow (CC 73a).

'Meteor'

Parigo, intr. by Wülfinghoff, 1961; flowers spinel-red (CC 54a), somewhat purple midrib, blotch Dresden-yellow, striped purple-brown.

'Minas' (B)

A.M. Könst, 1987; inside chinese-yellow (CC 20a) with purple spot at top, inner petals saffron-yellow (CC 21a) with chocolate-brown stripes and light yellow point at top, filaments pink, anthers light yellow; outside buttercup-yellow (CC 15b) with majolica-yellow flame, flower-tube spotted white, narrow green vein, on outer petals one brown stripe.

'Moerheim's Orange' see aurea Graham **'Moerheim's Orange'**

'Molly'

C.W.M. van Os, 1987; inside roseine-purple (CC 68b) with fuchsia-purple spot on lower petals, purple in throat, short pinkish white spot with mimosa-yellow stripes, inner petals somewhat azalea-pink in throat, filaments pinkish, anthers lemon-yellow; outside mallow-purple (CC 73a/b).

Mona Lisa see **'Stablaco'**

Monika see **'Stalmon'**

'Montreux' (B)

Agrofleur, 1988; inside outer petals lilac-purple, upper half with some indian-lake stripes (CC 187a), upper inner petals from top to base: lilac-purple (CC 170b), ivory white (CC 155d), and magnolia-purple in throat (CC 70d), indian-lake stripes over entire petals (CC 187a), lower inner petals lilac-purple (CC 70b), changing into magnolia-purple in throat (CC 70c/d), on upper half indian-lake stripes, filaments amethyst-violet (CC 75a), anthers lavender-green (CC 191a); outside lilac-purple (CC 70b).

'Moonlight' (B)

C. van Duyn, 1987; inside primrose-yellow (CC 4a) to aureolin (CC 12a), inner petals Indian-yellow with long brown stripes, filaments lemon-yellow, anthers brown-yellow; outside primrose-yellow fading into lemon-yellow, narrow green vein.

'Moonshine' (B)

C. van Duyn, 1987; inside outer petals edged naples-yellow, delicate light brown veins, vague blue-grey flame, small pink point, pink in throat, inside bright lemon-yellow (CC 14b) with bluish point; outside Naples-yellow (CC 11b) with broad green veined flame.

'Oberon' (B)

Wülfinghoff, 1987; inside pastel-mauve (CC 69b) with mallow-purple spots at top, inner petals with aureolin spot and long dark brown stripes, filaments mallow-purple, anthers bronze yellow; outside pastel-mauve (CC 69b/c) with light green midrib on light brown ground, from flower-tube narrow amaranth-rose flame.

'Ohio' (B)

C. van Duyn, 1984; inside phlox-pink, rhodamine-pink flame with fern-green point and chrysanthemum-red stripes, inner petals white with small green-yellow spot, delicate brown stripes, filaments neyron-rose (CC 55b), anthers yellow-green (CC 145b); outside flamed Indian-lake (CC 59d) with some brown stripes, white edge with brown stripes at top.

'Olivia'

C. van Duyn, intr. by C. van Os, 1987; inside broad azalea-pink flame (CC 62a) on solferino-purple ground (CC 65b), upper half margin petals ruby-red spotted, inner petals in throat pink changing into white spot with yellow mark and long pink point, ruby-red stripes, point ruby-red spotted; outside azalea pink to phlox-pink (CC 62a/b) with ruby-red stripes along upper edge petals.

Olivia see **'Starover'**

'Olympic' (B)

C. van Duyn, 1982; inside petals white with lilac-purple spots (CC 70b), inner petals with many brown stripes, light primrose-yellow spot; outside long spinel red broad flame with blood-red blotched mark and broad white edge.

'Onassis' (B)

C. van Duyn, 1987; inside phlox-pink (CC 62c) with neyron-rose flame (CC 55a); inner petals yellowish white with pink point and dark brown stripes, outer petals somewhat striped along edge; outside flower-tube phlox-pink (CC 62b) edged by violet red stripes.

'Ontario' (B)

C. van Duyn, 1984; inside roseine-purple (CC 68c) with oxblood-red veins along edge, along midflame some greenish grey veins, inner petals white with fuchsia-purple point, small yellow blotch and long oxblood-red stripes covering the entire petals, on upper petals vague white spot, filaments fuchsia-purple, anthers greyish; outside neyron-rose flame changing into red-brown top with rough, oxblood-red stripes (CC 183c) on broad phlox-pink edge.

Orange Beauty see **'Stamora'**

'Orange Delight' (B)

J.A.M. Goemans, intr. by Wülfinghoff, 1978; inside chrysanthemum-red (CC 185d) to brown-red with yellow striped flame on majolica-yellow ground (CC 168d); inner petals indian-yellow (CC 17a) with brown-red to purple top; filaments Spanish-orange, anthers ochre-brown; outside Spanish-orange (CC 26a) to yellow-brown (CC 164b) with garnet-red flame.

'Orange Glory' (B)

J.A.M. Goemans, intr. by Wülfinghoff, 1987; inside outer petals ochre-yellow (CC 165d) with broad majolica-brown veined flame with yellow stripes in

centre, roseine-purple point, inner petals lemon-yellow (CC 13a), white spotted in throat, majolica-brown top, filaments somewhat orange, anthers yellow green; outside broad violet-red flame with tawny-yellow edge, base whitish spotted.

'Orange King' see aurea Graham *'Orange King'*

***'Orange Monarch'* (B)**

C. van Duyn, 1984; inside marigold-orange (CC 28c) with deep orange spot and rhodonite-red point, small red vein, inner petals upper part lemon-yellow with long dark red-brown stripes and lower part nasturtium-orange, filaments and anthers nasturtium-red; outside outer petals marigold-orange (CC 28c) with burnt orange flame (CC 31b), inner petals bright lemon-yellow (CC 14a) with dull orange point.

Orchid see *'Walter Fleming'*

'Orion'

C. van Duyn, 1987; inside roseine-purple (CC 68b) with fuchsia-purple flame and violet-red stripes at top, inner petals large whitish spot with long violet-red veins, filaments purple, anthers grey; outside roseine-purple (CC 68a/b) with fuchsia-red flame, white blotch on inner petals, brown base-spots.

'Orlando'

C. van Duyn, 1984; inside neyron-rose (CC 55a/b) with spinel-red flame and currant-red spots, inner petals neyron-rose with broad white blotch and delicate chrysanthemum-red veins, filaments neyron-rose, anthers lavender-green; outside neyron-rose (CC 55a/b), violet-red spot with spinach-green point and chrysanthemum-red spotted edge.

***'Ornata'* (B)**

C. van Duyn, 1982; inside outer petals azalea-pink (CC 62a) with dark brown point, inner petals pink to light yellow spotted on white ground and dark azalea-pink point, delicate brown stripes; outside neyron-rose (CC 55b/c).

***'Oscar'* (B)**

C. van Duyn, 1985; inside white with broad lilac-purple and moss-green blotch and darker point, lilac-purple veins at edge, inner petals with short light yellow spot and rough purple-red stripes; outside flower-tube mallow-purple (CC 72d), petals with grey-red spot with broad Scheele's green point on white ground.

'Oslo'

C. van Duyn, intr. by C. van Os, 1988; inside ivory white with rose-purple to phlox-purple glow (CC 75d/c), upper inner petals ivory white with phlox-purple spot at top (CC 75c), large aureolin-blotch up to throat (CC 12a), entire petals ruby-red striped (CC 59a), lower inner petals ivory white with rose-purple to phlox-purple glow, small phlox-purple spot at top, small ruby-red

stripes, filaments pastel mauve (CC 69a), anthers dull greenish grey (CC 195a); outside ivory white with rose-purple glow (CC 75d), rose-purple flame (CC 75b).

‘Ostara’ (B)

C. van Duyn, 1984; inside outer petals roseine-purple (CC 68b) with green point and crenate edge, inner petals white with broad mimosa yellow spot and roseine-purple top, on inner petals long chrysanthemum-red stripes, filaments mallow-purple, anthers lavender-green; outside mallow-purple (CC 73a).

‘Othello’ (B)

C. van Duyn, 1984; inside outer petals fuchsia-purple (CC 67d), grey-red spots at top and bronze-green point, inner petals upper with broad white spot, top fuchsia-purple, entirely chrysanthemum-red striped, lower fuchsia-purple with chrysanthemum-red stripes; outside fuchsia-purple (CC 67d).

‘Palet’

H. Tulen, 1984; inside rose-bengal flamed with green point and cardinal-red stripes at top, light phlox-pink ground, inner petals mimosa-yellow (CC 8d) to pinkish white at top, cardinal-red stripes and light green point, filaments phlox-pink, anthers Scheele’s green (CC 144d); outside flower-tube roseine-purple (CC 68a) changing into darker broad crimson flame (CC 50b) with ochre-brown top.

‘Paloma’ (B)

A.M. Könst, 1987; inside buff-yellow (CC 163c), top erythrite-red flamed, small brown vein on long lemon-yellow blotch with brown stripes and majolica-brown point, filaments white to light brown, anthers tawny-yellow; outside brown-yellow (CC 161b) with long burnt orange flame (CC 170b), pink and white base spots.

‘Pandora’

Parigo, intr. by Wülfinghoff, 1961; flowers solferino-purple (CC 65b), blotches lemon-yellow, striped dark-brown. (2n=24)
A.M.-B.C. 1967, F.C.C.-B.C. 1969

‘Parade’ (B)

Parigo, intr. by Wülfinghoff, 1961; flowers spinel-red (CC 54), blotches aureolin (CC 12), striped dark purple. (2n=24)
A.M.-B.C. 1969

‘Parano’ (B)

A.M. Könst, 1987; inside rhodonite-red (CC 51d), vague light violet-purple flame, darker point, inner petals indian-yellow (CC 17b), red-brown striped, filaments light orange with brown veins, anthers bronze-yellow; outside pastel-mauve (CC 69a) with light green vein, marigold-orange spot at lower half.

'Patricia' (B)

C. van Duyn, 1988; inside rose-purple (CC 75b) with lilac-purple spot (CC 70b), inner petals from top to base: ivory white ground (CC 155c) with lilac-purple spots (CC 70b), canary-yellow (CC 7b) on vague primrose-yellow ground (CC 4d), light solferino-purple in throat (CC 65d), dark indian-lake stripes over entire petals (CC 187a), lower inner petals ivory white with light solferino-purple glow (CC 65d) and lilac-purple blotch in the centre (CC 70b), some dark indian-lake stripes, filaments rose-purple (CC 75b), anthers lavender-green (CC 191b/c); outside rose-purple (CC 75b) with lilac-purple spot (CC 70b).

paupercula Philippi

violacea Philippi

N Chile, 1860; leaves hairless, flowers violet, the upper inner petals white below, spotted with purple, sometimes orange at the base, summer flowering.

'Pedro'

A.N.H. van Os, 1987; inside mallow-purple (CC 73a/b), roseine-purple at top (CC 68a), inner petals roseine-purple in throat, short yellowish-white spot, delicate dark brown stripes on inner petals, filaments pink, anthers yellow-green; outside roseine-purple (CC 68b) with broad fuchsia-purple flame and green point, light green base spots.

pelegrina L.

Peru, 1763; flowers whitish flushed with mauve or pink, and with a darker central patch, the upper inner petals yellow at the base and spotted with brown or reddish purple, summer-autumn flowering. (2n=16)

pelegrina L. 'Alba'

Flowers white, inner petals with red-purplish blotches, rather tender.

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

pelegrina L. 'Rosea'

Flowers deeper rose than type. (2n=16)

'Perosi'

Parigo, intr. by Wülfinghoff, 1969; flowers phlox-pink (CC 62d) with sulphur-yellow (CC 6a) blotches, striped purple-brown.

A.M.-B.C. 1969, F.C.C.-B.C. 1970

'Petronella' (B)

C. van Duyn, 1988; inside outer petals ivory white (CC 155c) with vague pastel-mauve glow along edges (CC 69a), large tyrian-purple spot in middle of petals, upper inner petals ivory white with central chartreuse-green spot (CC 1d), over entire petals indian-lake stripes (CC 187a), lower inner petals ivory white with central spiraea-red spot (CC 63a/b) and some dark Indian-lake

stripes, filaments rose-purple (CC 75b), anthers carnation-leaf green (CC 189b); outside spiraea-red (CC 63c) with ivory white edges at top and central tyrian-purple spot (CC 61b), light green spot at top.

'Pink Attraction' (B)

Parigo, intr. by Wülfinghoff, 1961; flowers roseine-purple (CC 68b), blotches Dresden-yellow (CC 5), striped dark brown. (2n=24)
A.M.-B.C. 1969

'Pink Favourite'

Parigo, intr. by Wülfinghoff, 1961; flowers rose-pink, blotches Dresden-yellow (CC 5), striped purple, edge of petals stained lettuce-green (CC 144a).
A.M.-B.C. 1967

Pink Jewel see **'Zelrosa'**

'Pink Panther' (B)

C. van Duyn, 1982; inside outer petals magnolia-purple spotted with light moss-green point (CC 138d) on white ground, chrysanthemum-red stripes along edge, inner petals acute, greenish white with dark Indian-lake spots and stripes; outside flower-tube violet-red (CC 180d) to greenish white, petals currant-red spotted (CC 47b) with chrysanthemum-red spots on white edge.

'Pink Perfection' (B)

Parigo, intr. by Wülfinghoff, 1961; flowers roseine-purple (CC 68a,b), blotches canary-yellow (CC 9a), striped dark brown.
A.M.-B.C. 1968, F.C.C.-B.C. 1969

Pink Triumph see **'Stapink'**

'Pio'

A.N.H. van Os, 1987; inside mallow-purple (CC 72c/d), on inner petals large yellow with white blotch with many ruby-red stripes, mainly on white spot, filaments and anthers purple; outside mallow-purple (CC 72c/d) with dull greyish brown point.

'Pisa' (B)

C. van Duyn, 1987; inside white with roseine-purple spot (CC 68b) and vague green point on outer petals, pink in throat on inner petals small mimosa-yellow blotch, dark brown veins; outside rhodamine-pink flamed (CC 62a), dark empire-rose spot (CC 48a) and green point at top, broad white edge, base green.

'Pride' (B)

Parigo, intr. by Wülfinghoff, 1960; flowers carmine-red, near to rose-opal, upper petals chrome-yellow, striped dark brown.
A.M.-R.H.S. 1961, F.C.C.-R.H.S. 1962

psittacina Lehm.*pulchella* misapplied

N Brazil, 1829; leaves hairless, flowers deep red, petals tipped with green and spotted with reddish brown or purplish brown, summer flowering. (2n=16)

pulchella misapplied see **ligtu** L. ssp **ligtu**

pulchella misapplied see **psittacina** Lehm.

pulchra Sims*tricolor* Hook.

Chile, 1823; flowers white to pink, upper inner petals splotched with yellow, streaked and tipped with red or purple.

'Purple Giant'

H. Tulen, 1984; inside roseine-purple (CC 68b), inner petals white with long oxblood-red veins and roseine-purple top, filaments fuchsia-purple (CC 67c), anthers yellow-green (CC 145a); outside roseine-purple with Scheele's green point (CC 143a).

'Purple Joy' (B)sport of **'Red Valley'**

C. van Duyn, 1982; inside carmine (CC 52a/b), deep orange spots, rust-brown striped with yellow mark; outside china-rose (CC 58c) with small green point and carrot-orange spot.

pygmaea Herbert

Argentina; flowers solitary, growing from a tuft of grey-green leaves, yellow, inner petals spotted with red, summer flowering; very much like **aurea** Graham.

'Queen of Sheba' (B)

C. van Duyn, 1987; inside cadmium-orange (CC 23a) to saffron-yellow (CC 21b), inner petals indian-yellow (CC 17a) with delicate red-brown stripes and marigold-orange top (CC 28b), flowers fading into more uniform orange, filaments nasturtium-red, anthers yellow-brown; outside cadmium-orange (CC 23a/b) with broad orange flame.

'Rambo'

A.N.H. van Os, 1988; inside outer petals lilac purple (CC 74d) with broad somewhat darker flame (CC 74c) and Scheele's green point (CC 143c), some vague purple stripes, inner petals lilac-purple (CC 74c) with delicate ruby-red stripes over entire petals (CC 59a), small primrose-yellow spot (CC 4c) on whitish ground, filaments lilac-purple, anthers grey-brown; outside chrysanthemum-red (CC 60b) with broad mallow-purple edge (CC 73a) and Scheele's green point (CC 143c), dark brown base spots.

Ramona see **'Stapiram'**

Red Sunset see 'Stamarko'

Red Surprise see 'Stacova'

'Regina' (B)

M.C. van Staaveren, 1973; flowers outside neyron-rose (CC 55c), flamed carmine-red, inside vague mallow-pink (CC 50d) on petals bright barium-yellow (CC 10a) blotches, in the middle of some segments currant-red stripes ending in a spinel-red top. (2n=24)

A.M.-B.C. 1973

'Rembrandt'

Parigo, intr. by Wülfinghoff, 1961; flowers spinel-pink (CC 54a), shaded violet, blotches lemon-yellow (CC 14a), striped purple-black.

'Result'

Parigo, intr. by Wülfinghoff, 1975; inside violet-red (CC 180c), two inner petals blotched buttercup-yellow (CC 15a), striped oxblood-red; outside violet-red, outer petals vague veined green, tipped green.

'Rianne'

H. Tulen, 1986; inside cyclamen-purple (CC 74d), on outer petals indian-lake spots along edge, inner petals with short primrose-yellow blotch on reddish white ground and indian-lake stripes, filaments cyclamen-purple, anthers grey; outside flower-tube lilac-purple (CC 74d), petals lilac-purple with indian-lake veins.

'Ricardo'

C. van Duyn, 1987; inside neyron-rose (CC 55b/c) with spinel-red flame (CC 54b), some violet-red stripes along edge, inner petals neyron-rose with long yellow-white spot densely violet-red striped, filaments pink, anthers lemon-yellow; outside neyron-rose to carmine-rose (CC 55c/52c), claret-rose flame with green point, violet-red stripes along edge.

'Rio' (B)

A.M. Könst, 1987; inside outer petals lemon-yellow (CC 13b) with whitish spot at top, inner petals indian-yellow (CC 17b) with light yellow point, all petals entirely long dark brown striped, filaments apricot yellow, anthers bronze-yellow; outside aureolin (CC 12a) with narrow green vein and orange base spots.

Rita see 'Zelido'

'Roberto'

A.N.H. van Os, 1987; inside carmine-rose flamed (CC 52c/d), on inner petals white blotch with primrose-yellow mark, pinkish in throat, inner and some outer petals entirely delicately dark brown striped, filaments pink, anthers lemon-yellow; outside empire-rose to neyron-rose with vague green point and brown stripes along edge, inner petals poppy-red.

'Romance' (B)

C. van Duyn, 1987; inside apricot, pink in throat, broad bluish flame with short brown vein, purple with green point, petals lemon-yellow (CC 13b) with long narrow brown veins and pink point, filaments brick-red, anthers bright yellow; outside azalea-pink flame (CC 38a/b) with apricot edge.

'Rondo' (B)

Van Zanten Bros., 1987; inside solferino-purple to light solferino-purple (CC 65c/d), flame fuchsia-purple (CC 67a) changing into light phlox-pink (CC 56c) in throat, some ruby-red stripes on both sides of flame (CC 61a), inner petals ivory white (CC 155c) scattered with dark Indian-lake stripes (CC 187b), in centre vague chartreuse-green glow (CC 1d), filaments rose-purple (CC 75b), anthers tawny-yellow (CC 162a); outside flower-tube parsley-green glow (CC 139d) on solferino-purple to amaranth-rose ground (CC 65b/c), magenta-rose flame (CC 64b), parsley-green vein (CC 139c), both sides of flame ruby-red striped (CC 59a).

Rosali see **'Staliro'**

'Rosario' (B)

Van Zanten Bros., 1987; inside carmine (CC 52a/b), on inner petals mandarin-red spot with small yellow mark and brown stripes, filaments china-rose, anthers chrysanthemum-red; outside carmine-rose (CC 52c/d).

Rosello see **'Stalrobu'**

'Rosea' see *pelegrina* L. **'Rosea'**

Rosita see **'Starosello'**

'Rosy Wings' (B)

C. van Duyn, 1982; inside outer petals spinel-red (CC 54a) with greenish white point, cherry stripes at edge, inner petals pinkish white with light yellow spots and cardinal-red stripes; outside neyron-rose (CC 55b/c) with broad Delft-rose blotch (CC 46d), pinkish white edge with currant-red stripes.

'Sabrina'

C. van Duyn, 1988; inside rose-bengal (CC 57d) with light solferino-purple glow in throat (CC 65d), upper inner petals from top to base: rose-bengal (CC 57d), chartreuse-green (CC 1d), light solferino-purple glow (CC 65d) on white ground in throat, dark Indian-lake stripes over entire petals (CC 187a), lower inner petals rose-bengal with dark Indian-lake stripes, filaments phlox-pink (CC 62c), anthers greyish yellow (CC 160a); outside rose-bengal (CC 57d) with light green point.

Samora see **'Stalsam'**

'Sancerre' (B)

Agrofleur, 1988; inside mallow-purple (CC 72c) changing into rose-purple (CC 75d) to ivory white (CC 155c) in throat, upper inner petals from top to base: lilac-purple (CC 70a/b), ivory white (CC 155c) with in the middle vague chartreuse-green spot (CC 1d), phlox-pink (CC 62c/d), over entire petals dark indian-lake stripes (CC 187a/b), lower inner petals lilac-purple (CC 70b) to throat changing into magnolia-purple (CC 70d), some dark Indian-lake stripes, filaments lilac-purple (CC 70b), anthers lavender-green (CC 191b); outside flower-tube grey-red glow (CC 182b), petals lilac-purple (CC 70b) with somewhat darker lilac-purple flame (CC 70a), light green point.

'Sandra'

H. Tulen, 1984; inside rhodamine-pink (CC 62a) with grey top, some light red stripes along edge on outer petals, inner petals white, light primrose-yellow spotted with delicate dark brown stripes and china-rose point, lower petals china-rose with garnet-red stripes, filaments china-rose, anthers greyish yellow; outside china-rose (CC 58c/d).

'Sangria' (B)

A.M. Könst, 1987; inside brick-red (CC 35a) with neyron-rose point, on inner petals canary-yellow blotch (CC 9b) with dark brown stripes, filaments pink, anthers violet-red; outside brick-red (CC 35b) to jasper-red (CC 39b).

'Sapporo'

C. van Duyn, 1985; inside outer petals spinel-red flamed (CC 54b) with neyron-rose edge (CC 55b) with light grey veins and currant-red stripes along edge, on inner petals long white spot with currant-red veins, vague white blotch with currant-red veins on lower petals, filaments neyron-rose, anthers grey-green; outside flower-tube spinel-red (CC 54c), petals spinel-red flamed with green point, currant-red veins along edge.

Sara see 'Stalicamp'**'Saxony' (B)**

C. van Os, intr. by C. van Duyn, 1985; inside roseine-purple (CC 68b), fuchsin-purple pointed, on upper petals long yellowish white blotch and broad currant-red veins, also on lower petals, filaments roseine-purple, anthers yellow-green; outside roseine-purple, somewhat grey veined with broad violet red flame with chrysanthemum-red veins along edge.

'Serena' (B)

A.M. Könst, 1987; inside pastel-mauve (CC 69b) with darker point, some brown-red stripes on outer petals, on inner petals light yellow blotch with brown-red stripes, neyron-rose filaments; outside flower-tube neyron-rose (CC 55c), petals light phlox-pink, Scheele's green broad vein.

simsii Sprengel see *ligtu* L. ssp *simsii* (Sprengel) Bayer

'Snow Queen' (B)

C. van Duyn, 1987; inside bluish white with vague light green flame and vague purple point, inner petals pinkish white in throat with delicate purple stripes to white with chartreuse-green spot (CC 1b) and brown-red to purple stripes, filaments purple, anthers brown-grey; outside flower-tube light violet-purple (CC 77d) with light green base spots, petals white with long broad chartreuse-green vein on purple ground.

'Sonata'

Parigo, intr. by Wülfinghoff, 1961; flowers spiraea-red (CC 63), blotches lemon-yellow, striped purple, edge of petals stained fern-green (CC 146).

A.M.-B.C. 1969

'Sonja' (B)

A.M. Könst, 1987; inside outer petals lilac-purple (CC 74d), on inner petals large buttercup-yellow spot (CC 15a) on light red-brown ground, light red-brown mark on lower petals, filaments purple, anthers light green; outside flower-tube flamed red-brown, petals lilac-purple (CC 74d), rib veined green.

'Sorrento' (B)

Agrofleur, 1988; inside amethyst-violet (CC 81c/d) with vague ruby-red spots (CC 59a) at point, inner petals ivory white flame with central primrose-yellow spot (CC 2b), brown stripes over entire inner petals, filaments amethyst-violet (CC 81d), anthers green-grey; outside flower-tube vague chrysanthemum-red (CC 185d), petals campanula-violet with bishops-violet flame (CC 81a) and grass-green point (CC 41c).

'Spitfire'

Parigo, intr. by Wülfinghoff, 1961; flowers pale spiraea-red (CC 63b), over the canary blotch red-brown, striped dark brown.

A.M.-B.C. 1969

'Splendens' see *aurea* Graham **'Splendens'**

'Stabelstri' (B) Fabiola

M.C. van Staaveren, 1988; inside vague phlox-pink (CC 62d) striped on ivory white ground (CC 155d), inner petals lemon-yellow (CC 13b) on primrose-yellow ground (CC 4d), small lilac-purple point (CC 70b); entire petals primrose-yellow (CC 4c/d) with small lilac-purple point and dark Indian-lake stripes over petals, filaments orient-pink (CC 36b), anthers dull grey-green (CC 195a); inside phlox-pink (CC 62d) with magnolia-purple flame (CC 70c).

'Stablaco' (B) Mona Lisa

M.C. van Staaveren, 1983; inside inner petals aureolin to light yellow with chocolate brown stripes, outer petals cream-white, throat violet-red (CC 180d); outside cream-white with rhodonite-red broad flame and fern-green midrib.

'Stabluna' Beauty

M.C. van Staaveren, 1971; flowers lilac spotted with deep purple.

'Stabrons' Harmony

M.C. van Staaveren, 1970; flowers with 3 petals flamed pale violet-purple, with chrysanthemum-red spots on the edges, the other 3 segments somewhat lighter coloured with mimosa-yellow blotch. (2n=16)

'Stacova' (B) Red Surprise

M.C. van Staaveren, 1977; inside scarlet (CC 43c), upper petals azalea-pink (CC 41c) with short aureolin-blotch with brown-red stripes, anthers brown-red; outside scarlet, darker spotted.

'Stadoran' (B) Campfire

M.C. van Staaveren, 1976; outside flower-tube light carmine-pink CC 52d), petals coral-pink (CC 37a), with light carmine flame; inside outer petals mars-orange (CC 31c) with orient-red central spot (CC 42c), throat light carmine-pink (CC 52d), inner median petals coral-pink (CC 32c) with light carmine glow (CC 52b) over midvein, centre blotched orient-red next to small dresden-yellow spot and some dark indian-lake stripes, inner lateral petals canary-yellow (CC 7a), with coral-pink tip, midvein very light carmine-pink, entire petal with dark indian-lake stripes, filaments Delft-red (CC 47c), anthers violet-red (CC 180c), pollen canary-yellow (CC 7b).

'Stadutia' (B) Tiara

M.C. van Staaveren, 1988; inside brown-red (CC 34b) with orient-red glow (CC 42a) near point changing to the throat into brick-red (CC 35c), upper inner petals from top to base: brown-red (CC 34a/b), aureolin (CC 12a), brick-red in throat (CC 35c), dark brown stripes over entire petals (CC 34a/b), lower inner petals brown-red changing into nasturtium-red (CC 34a/b, CC 32b), chinese-rose in throat (CC 32c/d), filaments brown-red (CC 34a), anthers lavender-green (CC 191b/c); outside orient-red (CC 42c/d) with darker flame (CC 42b).

'Stagelb' (B) Canaria

sport of **'Walter Fleming'**

M.C. van Staaveren, 1971; inside outer petals canary-yellow (CC 9c), inner petals chrome-yellow (CC 15c), spotted carmine-brownish, flowers outside aureolin (CC 12c), slightly veined green.

A.M.-B.C. 1971

'Stagreen'

M.C. van Staaveren; flowers pink with a green tip outside.

'Stagula' (B)

M.C. van Staaveren; outer petals apex with purplish tip, yellow, darker in the centre than at the margins and the top, the median darker than the lateral petals; inner median petal orange-yellow (CC 17c), lateral petals dark orange-yellow

(CC 17b), both with light blotch at tip, median petal with some long and short stripes in the top half, lateral petals entirely striped black-purple, except on lighter blotch, outside only on top half and margins, filaments orange-yellow, fading to white base, anthers dull green.

'Stajello' (B) Yellow King

M.C. van Staaveren, 1983; inside inner petals bright lemon-yellow (CC 14a) with chocolate-brown stripes, outer petals sulphur-yellow with ochre-brown spots at top; outside lemon-yellow (CC 13a) with burnt orange flame.

'Stakaros' (B) Appelbloesem

sport of **'Starodo'**

M.C. van Staaveren, 1983; inside azalea-pink with broad buttercup-yellow blotch and dark currant-red stripes, outer petals azalea-pink with dark empire-rose spot at top (CC 48a) and light primrose-yellow spotted in throat; outside azalea pink (CC 41c) with green midrib.

'Stalan' (B) Annabel

M.C. van Staaveren, 1987; inside spiraea-red (CC 63c) with fuchsia-purple spot at top, on ivory-white inner petals yellow spotted blotch with rough dark brown stripes, filaments reddish magenta, anthers light greyish; outside spiraea-red (CC 63c) with chrysanthemum-crimson flame (CC 70d).

'Stalbel' (B) Libelle

M.C. van Staaveren, 1987; inside greenish white (CC 157d) with erythrite-red point (CC 186b), large lemon-yellow spot (CC 13b); filaments light grey-brown, anthers bronze-green; outside pinkish white with long empire-rose flame.

'Stalibron' (B) Butterscotch

sport of **'Stalbel'**

M.C. van Staaveren, 1987; inside tawny-yellow (CC 162c) to mimosa-yellow, top vague green with purple point, inner petals lemon-yellow with long brown stripes, tawny-yellow top; outside greyish yellow (CC 160c) with light grey-brown flame (CC 174d), flower-tube magenta-rose.

'Stalicamp' Sara

M.C. van Staaveren, 1987; inside buttercup-yellow (CC 16d) to carrot-red (CC 29c), vague green flame with dark grey point and short brown stripe, inner petals aureolin (CC 12a), top mimosa-yellow, carrot-red spots in throat, filaments carrot-red, anthers nasturtium-orange; outside flower-tube azalea-pink, petals yellowish white with broad green vein.

'Stalilas' (B) Jubilee

M.C. van Staaveren, 1970; outside pale imperial-purple (CC 78b), to the edges purplish red; inside dark lilac-purple (CC 74c), to the centre almost white, the petals spotted ruby-red, two segments pale primrose-yellow (CC 4d) with ruby-red spots. (2n=16)

'Staliro' Rosali

M.C. van Staaveren, 1975; inside outer petals spinel-red (CC 54c), two upper inner petals spotted carmine-red on ivory white ground, outside petals tipped neyron-rose (CC 55c), lower petal neyron-rose (CC 55a), spotted carmine-red.

'Stalis' (B) Isabella

M.C. van Staaveren, 1985; inside neyron-rose (CC 55b), inner petals with short broad barium-yellow spot on azalea-pink ground and delicate dark brown stripes, filaments spiraea-red, anthers yellow-green; outside phlox-pink (CC 62b) with broad spinel-red flame with green veins.

'Stalisel'

sport of **'Starosello'**

M.C. van Staaveren, 1987; inside bright pink to azalea-pink (CC 38a), on inner petals indian-yellow spot on lighter ground with small brown-red stripe, filaments spinel-red, anthers light green; outside phlox-pink to claret-rose with broad light green vein, light green base spots.

'Stalluc' (B) Luciana

M.C. van Staaveren, 1984; inside violet-purple (CC 77b) to imperial-purple (CC 78a) at top, on upper petals large white spot, upper and lower petals striped chrysanthemum-red, grey-red spots at the edge; outside violet-purple (CC 77b) with dull grey-brown point at top.

'Stalmon' (B) Monika

M.C. van Staaveren, 1986; inside pastel-mauve feathered (CC 69d) with mallow-purple and light green point, inner petals bluish white up to top with short currant-red stripes, mallow-purple stripes along edge; outside lilac-purple (CC 74d) with ruby-red flame with grey stripes, cyclamen-purple stripes along edge.

'Stalrama' (B) Atlas

sport of **'Stamarko'**

M.C. van Staaveren, 1984; inside outer petals china-rose (CC 58d), inner petals saffron-yellow spotted (CC 21b), with dark brown stripes changing into nasturtium-red to pink top, filaments pink, anthers greyish yellow; outside phlox-pink with green flamed top.

'Stalrin' (B) Mandarin

M.C. van Staaveren, 1987; inside light red-brown (CC 169a) with burnt brown-red glow (CC 179b), large aureolin spot (CC 15b) with long brown-red stripes, anthers light burnt brown-red, filaments brown-red.

'Stalrobu' (B) Rosello

M.C. van Staaveren, 1983; inside inner petals yellowish white with currant-red stripes, outer petals amaranth-rose feathered (CC 65a) with round tyrian-pur-

ple spots, on lower petals purple spot; outside cherry (CC 53d) with broad amaranth-rose edge (CC 65a).

'Stalsam' (B) Samora

M.C. van Staaveren, 1985; inside roseine-purple flamed on empire-rose ground (CC 48d), inner petals chinese-yellow with roseine-purple top with short dark brown stripes and some light brown stripes along edge, lower petals with indian-yellow blotch, anthers fern-green; outside neyron-rose (CC 55c) with roseine-purple edged greenish flame, flower-tube dark empire-rose.

'Staltang' (B) Tango

M.C. van Staaveren, 1983; inside fuchsin-purple (CC 67c) with short yellowish-white spot on upper petals, currant-red striped; outside fuchsia-purple (CC 67c/d) with lilac-purple stripes and erythrite-red central spot with green point.

'Stalvir' (B) Carola

M.C. van Staaveren, 1987; inside mallow-purple (CC 73c/d), on inner petals lemon-yellow blotch on light primrose-yellow ground, mallow-purple point, pinkish white in throat, delicate dark brown stripes on inner petals, filaments purple, anthers yellow-green; outside rhodamine-purple (CC 68d) with green vein.

'Stamarko' (B) Red Sunset

sport of **'Carmen'**

M.C. van Staaveren, 1978; inside petals bright vermilion (CC 41b), upper petals with canary-yellow flame and dark brown spots, anthers rust-brown; outside bright vermilion (CC 41c) with broad yellow-green flame.

'Stamora' (B) Orange Beauty

M.C. van Staaveren, 1978; inside bright chinese-coral (CC 32c/d), on outer petals short spinel-red flame with darker point and brown blotch, on inner petals broad lemon-yellow vein (CC 13a) with dark brown stripes; anthers violet-red; outside shrimp-red (CC 33c/d) with narrow green midrib on green-yellow ground.

'Stapink' (B) Pink Triumph

M.C. van Staaveren, 1984; inside inner petals aureolin to whitish with chocolate-brown spots and shell-pink top with neyron-rose point, outer petals shell-pink veined with short light yellow vein with chocolate-brown stripe; outside neyron-rose (CC 55c) with empire-rose edge (CC 48d) and dark empire-rose flame (CC 48a).

'Stapiram' (B) Ramona

M.C. van Staaveren, 1988; inside spinel-red (CC 54c) with flame shaped lilac purple glow (CC 70a) on upper half petals, upper inner petals from top to base: erythrite-red (CC 186b), canary-yellow (CC 9b), brick-red (CC 35d) in throat,

dark indian-lake stripes over entire petals (CC 187a), lower inner petals spinel-red (CC 54c) with dark indian-lake stripes, filaments brick-red (CC 35c), anthers lavender-green; outside spiraea-red (CC 63c), flame-shaped lilac-purple along vein (CC 70a/b).

'Stapitop' Utopia

M.C. van Staaveren, 1987; inside lilac-purple broad flame (CC 74d) on phlox-purple ground, inner petals yellowish white with short canary-yellow spot and long brown stripes, filaments azalea-pink, anthers lemon-yellow; outside rose-purple (CC 75b) with long rose-bengal flame, green veined.

'Staranita'

sport of **'Starosella'**

M.C. van Staaveren, 1987; inside light red-brown (CC 169a), somewhat violet-red, on inner petals canary-yellow spot with short dark brown stripes, filaments fuchsia-red; outside burnt brownish red (CC 179b), flower-tube amaranth-rose.

'Staretto' White Wings

M.C. van Staaveren, 1972; flowers white with on inner petals aureolin blotch, spotted reddish purple.

'Staripo'

M.C. van Staaveren; flower-petals tipped lilac-pink.

'Staro'

M.C. van Staaveren; flowers red.

'Starodo' (B) King Cardinal

M.C. van Staaveren, 1978; inside bright orient-red (CC 42a) with carmine glow, on inner petals dresden-yellow spot and brown stripes; outside vermilion (CC 41b) with red-brown flame.

'Staronic' (B) Veronica

M.C. van Staaveren, 1987; inside phlox-purple (CC 75c) with vague light porcelain-green flame, on outer petals some brown-red veins, on inner petals large chrome-yellow spot with red-brown veins, filaments purple; outside pastel mauve (CC 69a/c) with empire-rose flame.

'Starosa'

M.C. van Staaveren, 1971; flowers dark neyron-rose with a small white blotch. (2n=24)

'Starosello' (B) Rosita

M.C. van Staaveren, 1974; flowers salmon-pink.

'Starover' (B) Olivia

M.C. van Staaveren, 1988; inside phlox-pink (CC 62b) with some dark indian-lake stripes in the centre (CC 187b), upper inner petals phlox-pink (CC 62c),

lemon-yellow in the middle (CC 13a/b), phlox-pink in throat (CC 62d), dark Indian-lake stripes over entire petals, lower inner petals phlox-pink (CC 62c), from centre to throat chinese-rose glow (CC 32d), dark Indian-lake stripes over entire petals, filaments shell-pink (CC 37d), dark Indian-lake stippled, anthers dull greenish grey (CC 195a); outside phlox-pink (CC 62b/c) with mallow-purple flame (CC 72c).

'Stasamut'

M.C. van Staaveren, 1988; inside scarlet (CC 43c) with vague spinel-red flame (CC 54b), empire-rose glow in throat (CC 50d), upper inner petals from top to base: currant-red (CC 47b), buttercup-yellow (CC 15b) to jasper-red in throat (CC 39c), dark Indian-lake stripes, lower inner petals jasper-red (CC 39b) with currant-red point and buttercup-yellow spots, some dark Indian-lake stripes, filaments empire-rose (CC 48d), anthers brown-grey (CC 197a); outside scarlet (CC 43d) with rose-bengal flame (CC 57d).

'Staverjub'

sport of 'Stalilas'

M.C. van Staaveren, 1987; inside mallow-purple (CC 72d) to fuchsia-purple (CC 67a), on inner petals short white spot with delicate dark brown stripes, filaments purple, anthers dull grey-brown; outside fuchsia-purple (CC 67b/c) with tyrian-purple flame.

'Stavero' Yellow Tiger

sport of 'Walter Fleming'

M.C. van Staaveren, 1971; flowers cobalt-yellow (3/1) with white and indian-yellow (6/1), striped dahlia-purple.

'Stazaro' Florence

M.C. van Staaveren; flowers pink.

'Stazeb' (B) Zebra

M.C. van Staaveren, 1975; flowers with dark markings on whitish ground.

'Sunrise' (B)

C. van Duyn, 1987; inside outer petals jasper-red (CC 39a), inner petals buttercup-yellow (CC 15a) with delicate dark brown stripes changing into long brick-red top (CC 35a), pink filaments; outside flower-tube azalea-pink (CC 38a), petals azalea-pink (CC 41c) with jasper-red flame.

'Superstar'

A.N.H. van Os, 1987; inside fuchsia-purple (CC 67c), inner petals rose-red, on inner petals pinkish to white mark with chartreuse-green spots, dark brown stripes on inner petals and some on outer petals, at edge of inner petals some violet-red spots, filaments phlox-pink, anthers yellow-green; outside fuchsia-red flamed (CC 63b) on lighter ground.

'Sussex Gold'

Parigo, intr. by Wülfinghoff, 1971; inside outer petals buttercup-yellow (CC 5d), to the edges striped vague ruby-red, inner petals buttercup-yellow (CC 5a), striped ruby-red; outside petals slightly tipped green.
A.M.-B.C. 1971

'Sweetheart' (B)

C. van Duyn, 1984; inside outer petals round cherry spot (CC 53d) on rhodamine-pink ground (CC 62a), top whitish with grey-green point, inner petals white with cherry midrib, small yellow blotch and brown veins, filaments phlox-pink, anthers dark grey; outside phlox-pink (CC 62c) with round feathered cherry spot (CC 53d) and pinkish white point.

'Tango' (B) Jumbo

Lezan, 1989; outside fuchsia-red (CC 63b/c) with Indian-lake flame and flower-tube (CC 59b); inside fuchsia-red (CC 63b/c), throat phlox-pink (CC 63a), inner lateral petals from top to base: fuchsia-red (CC 63b/c), ivory white (CC 155b/c) with primrose-yellow centre (CC 4d), phlox-pink (CC 62d), petals entirely striped dark Indian-lake (CC 187a), inner median petals fuchsia-red (CC 63c) with darker flame (CC 63a), dark indian-lake stripes along flame, filaments and stigma phlox-pink (CC 62b), pollen brown-yellow (CC 161c).

Tango see **'Stalfang'**

Tiara see **'Stadutia'**

tricolor Hook. see **pulchra** Sims

'Trident'

Parigo, intr. by Wülfinghoff, 1975; flowers outside neyron-rose (CC 55b), outer petals with small green vein, inside spinel-red (CC 54b,c), two inner petals with pale yellow blotches, striped brown-red.

'Utopia'

Parigo, intr. by Wülfinghoff, 1961; flowers pale spiraea-red (CC 63b), shaded violet, blotches lemon-yellow (CC 14c) striped black.

Utopia see **'Stapitop'**

'Valeria' (B)

C. van Duyn, 1984; inside carmine to carmine-rose (CC 52c/b), aureolin spot with short brown vein, vague short mallow-purple vein, filaments scarlet (CC 43c); outside spinel-red (CC 54b) with dark green vein.

'Valiant' (B)

Parigo, intr. by Wülfinghoff, 1975; flowers outside pale jasper-red (CC 39b), outer segments tipped green, inside brown-red (CC 34a), two inner petals blotched pale yellow, striped ruby-red.

'Vanitas' (B)

sport of 'Carmen'

C. van Duyn, 1987; inside claret-rose (CC 50a/b), inner petals with short indian-yellow blotch changing into broad fire-red point (CC 52d), dark brown stripes, filaments carmine-rose, anthers ochre-brown; outside carmine-rose (CC 52d) with carmine flame.

'Verloni' (B)

C. van Duyn, 1985; inside empire-rose (CC 48c/d), inner petals with saffron-yellow spot (CC 21c) with short brown stripes, anthers azalea-pink; inside phlox-pink (CC 62c) with empire-rose flame and moss-green vein.

Veronica see 'Staronic'

'Véronique'

C. van Duyn, 1987; inside vague pink veined on white ground, throat spotted lemon-yellow, inner petals buttercup-yellow with rough brown stripes, white point, filaments pinkish; outside flower-tube spotted aureolin (CC 12a), petals pinkish white with large green feathered flame.

'Verrax'

C. van Duyn, 1984; inside broad neyron-rose flame (CC 55b/c), mandarin-red edge with delicate red-brown stripes, long aureolin spot with dark brown stripes on inner petals, filaments brick-red, anthers grey-green; outside broad empire-rose flame with rhodonite-red edge on neyron-rose ground (CC 55c).

'Victorine' (B)

C. van Duyn, 1984; inside outer petals azalea-pink (CC 41c), inner petals more orange, bright lemon-yellow spot with brown stripes and brown-red edge on upper petals, filaments brick-red, anthers red-brown; outside flamed shrimp-red to scarlet.

violacea Philippi see *paupercula* Philippi

'Vivid' see *ligtu* L. 'Vivid'

'Walter Fleming'

'Orchid'

paupercula Philippi x *aurea* Graham

W.A. Constable; flowers creamy white with violet shadings, yellow blotch streaked purplish. (2n=16)

'Wendy' (B)

C.T.J. de Jong, 1987; inside rhodamine-pink to phlox-pink (CC 62b/a) with broad rose-bengal flame, inner petals white with china-rose top and light brown point, vague yellow mark, delicate brown stripes, filaments rhodamine-pink, anthers lemon-yellow; outside china-rose (CC 58d) with brown-red point, green base spots.

'Westland' (B)

C. van Duyn, 1982; inside roseine-purple (CC 68a/b), on inner petals aureolin blotch on white ground, chrysanthemum-red stripes; outside roseine-purple (CC 68b) with cardinal-red spot (CC 53c).

'White Dream' (B)

C. van Duyn, 1984; inside white with short spinel-red flame changing into light green feathered point on outer petals and some light brown spots at edge, inner petals white with vague primrose-yellow spot, on upper petals many and on lower petals some long brown stripes, filaments neyron-rose, anthers bronze-yellow (CC 153d); outside flower-tube spinel-red, on petals short broad brown-red flame changing into chartreuse-green point and broad white edge, petals slightly crenate.

'White Swan' (B)

C. van Duyn, 1987; inside vague spiraea-red flame on pinkish white ground, inner petals pinkish white with vague pink veins, somewhat yellow, dark brown veins, filaments pink, anthers brown-yellow; outside phlox-pink (CC 62b/c) with spiraea-red flame.

White Wings see **'Staretto'**

'Wilhelmina' (B)

A.M. Könst, 1987; inside phlox-pink (CC 62c) with roseine-purple flame and point (CC 68b/c), inner petals straw-yellow (CC 13c) with red-brown stripes, edged pink, filaments carmine-rose, anthers grey-red; outside flower-tube coral-pink, petals neyron-rose, narrow green vein.

Yellow King see **'Stajello'**

'Yellow Prince' (B)

C. van Duyn, 1984; inside bright saffron-yellow (CC 21a), inner petals brown red stripes on lower and one single stripe on upper petals; outside bright saffron-yellow (CC 21a) with narrow green vein.

'Yellow Queen' (B) Bolivia

C. van Duyn, 1984; inside outer petals buttercup-yellow (CC 15a), inner petals bright cadmium-orange (CC 23a) with long dark red-brown stripes; outside cadmium-orange (CC 23b) with broad light green vein.

'Yellow Sun' (B)

A.M. Könst, 1988; inside cadmium-orange (CC 23a) to saffron-yellow (CC 21a), on inner upper petals ruby-red stripes (CC 59a), buttercup-yellow glow in throat (CC 15b), filaments and anthers cadmium-orange (CC 23b); outside cadmium-orange (CC 23a/b) with narrow grass-green vein (CC 141b).

Yellow Tiger see **'Stavero'**

Zebra see **'Stazeb'**

'Zelanon' (B) Manon

M.C. van Staaveren, 1985; inside outer petals roseine-purple spotted on white ground and cardinal-red and green-grey feathered stripes along edge, inner petals white with vague light green spot, pinkish in throat and cardinal-red veins, filaments roseine-purple, anthers grey; outside flower-tube magnolia-purple (CC 70c), petals magnolia-purple flamed with green veins, broad pinkish white edge and currant-red and greenish veins.

'Zelblanca' (B) Bianca

G.J. van Zelderen, intr. by M.C. van Staaveren, 1987; inside white, empire-yellow in throat, on inner petals large primrose-yellow spot (CC 4a/b) with long dark brown stripes, delicate red-brown stripes on lower petals, also on greenish white filaments; outside white with light green vein and yellowish white basal spots.

'Zelido' (B) Rita

G.J. van Zelderen, 1983; inside inner petals white with small light yellow blotch and rough currant-red stripes, outer petals roseine-purple (CC 68b) with pastel-mauve edge and light currant-red veins and white with green point; outside fuchsia-purple (CC 67d) with short tyrian-purple blotch with amaranth-rose feathered edge.

'Zelpado' (B) Jupiter

G.J. van Zelderen, 1987; inside roseine-purple (CC 68a), rhodonite-red blotch at top, on inner petals small primrose-yellow spot on white ground, dark brown stripes over entire petals, filaments roseine-purple, anthers bronze-green; outside fuchsia-purple (CC 67b) with ruby-red flame.

'Zelrosa' (B) Pink Jewel

G.J. van Zelderen, 1989; outside roseine-purple (CC 68a) with lilac-purple glow (CC 70), indian-lake blotch in the centre (CC 59b), fine ruby-red stripes on upper margins (CC 59a), small light green tip; inside roseine-purple (CC 68b) changing to rhodamine-purple in throat (CC 68d), in the centre indian-lake blotch (CC 59c), top with fine ruby-red stripes (CC 59a), inner lateral petals from top to base: roseine-purple (CC 68b), ivory white (CC 155a) with primrose-yellow glow (CC 4d), light phlox-pink in throat (CC 56d), entirely striped ruby-red (CC 59a), inner lateral petals roseine-purple (CC 68b), changing to rhodamine-purple (CC 68d) in throat, some ruby-red stripes, vague indian-lake blotch (CC 59d), filaments roseine-purple (CC 68b), anthers willow-green (CC 147b).

'Zenith'

Parigo, intr. by Wülfinghoff, 1975; flowers outside jasper-red (CC 30b/c), outer petals with a small green vein and tipped green, inside azalea-pink (CC 38a), two inner petals jasper-red (CC 39a), small yellow blotches, striped oxblood-red.

AMARCRINUM

AMARCRINUM

Amarcrinum Coutts

Amaryllis L. x **Crinum** L.

Crinodonna invalid

Family: **Amaryllidaceae**

Literature: The European garden flora I: 300, 1986.

howardii Coutts

Amaryllis belladonna L. x **Crinum moorei** Hook.

1910; flowers clear pink, autumn flowering.

A.M.-B.C. 1927, F.C.C.-R.H.S. 1926

AMARYGIA

Amarygia Ciferri & Giacomini

Brunsdonna invalid

Amaryllis L. x **Brunsvigia** Heister

Family: **Amaryllidaceae**

'Alba'

Amaryllis belladonna L. x **Brunsvigia josephinae** (Redouté) Ker Gawler

Flowers pure white.

A.M.-B.C. 1938

'Parkeri'

Amaryllis belladonna L. x **Brunsvigia josephinae** (Redouté) Ker Gawler

Flowers pink, yellowish white base, 12-16 per umbel.

A.M.-B.C. 1913, A.M.-R.H.S. 1943

AMARYLLIS

Amaryllis L.

Family: **Amaryllidaceae**

Literature: The European garden flora I: 300, 1986

Amaryllis is often misapplied to species and hybrids of **Hippeastrum**.

'Alba' see **Amarygia 'Alba'**

atamasco L. see **Zephyranthes atamasco** (L.) Herbert

belladonna L.

Brunsvigia rosea (Lam.) Hann., *rosea* Lam., *Coburgia belladonna* (L.) Herbert,

Callicore rosea (Lam.) Hann.

S Africa (Cape province), 1633; leaves appear after flowering, oblong, scape stout, solid, to 60 cm or more, flowers 6-10 cm, tube about 1.2 cm, purplish-

pink or pink, often whitish towards the base or all white, 6 or more flowers per umbel, August-September flowering. (2n=22)
A.G.M.-R.H.S. 1934

belladonna L. 'Alba' see *Amarygia* 'Alba'

belladonna L. 'Barberton'
Tubergen; flowers dark rose-pink.

belladonna L. 'Cape Town'
Tubergen; flowers deep rose-red.

belladonna L. 'Durban'
Tubergen; flowers large, rounded, deep carmine-red, white centre.

belladonna L. 'Hathor'
H. B. Bradley, about 1911; about 16 medium-sized flowers, white, at the base tinged with ivory.
A.M.-R.H.S. 1937, F.C.C.-R.H.S. 1949.

belladonna L. 'Inez'
W. Hey, 1982; flowers inside fuchsia-purple (CC 67d) on white ground, with a neyron-rose (CC 55a) midrib, throat white, somewhat yellowish around base, outside flower-tube yellowish-white, veined shrimp-red to neyron-rose.

belladonna L. 'Jagersfontein'
Tubergen; flowers deep pink, yellowish interior.
A.M.-R.H.S. 1966

belladonna L. 'Johannesburg'
Tubergen; flowers light rose-pink, white throat, yellowish base.

belladonna L. 'Leydenburg'
Tubergen; flowers pink, large white centre, early flowering.
A.M.-B.C. 1938

belladonna L. 'Parkeri' see *Amarygia* 'Parkeri'

belladonna L. 'Spectabilis'
Umbel large, flowers rose, withering to white.

belladonna L. 'Stellenbosch'
Tubergen; flowers uniform pink, late flowering.

belladonna L. 'Windhoek'
Tubergen; flowers rose, white centre.

candida Lindl. see *Zephyranthes candida* (Lindl.) Herbert

formosissima L. see *Sprekelia formosissima* (L.) Herbert

AMARYLLIS

hallii Baker see *Lycoris squamigera* Maxim.

lutea L. see *Sternbergia lutea* (L.) Sprengel

orientalis L. see *Brunsvigia orientalis* (L.) Ecklon

'*Parkeri*' see *Amarygia 'Parkeri'*

purpurea Aiton see *Cyrtanthus elatus* (Jacq.) Traub

sarniensis L. see *Nerine sarniensis* (L.) Herbert

rosea Lam. see *belladonna* L.

undulata L. see *Nerine undulata* (L.) Herbert

ANEMONE

Anemone L.

Family: **Ranunculaceae**

Literature: Rix & Phillips, The bulb book: 65, 1981; The European garden flora III: 349-355, 1989; Flora Europaea I: 217, 1963.

'*Admiral*' see *coronaria* L. '*Admiral*'

alba Crantz see *nemorosa* L. var *alba* Crantz

alba Leichtlin see *blanda* Schott & Kotschy var *alba* Leichtlin

alba Ware see *apennina* L. var *alba* Ware

'*Alba Plena*' see *nemorosa* L. '*Alba Plena*'

alboplana S.T. & Schn. see *nemorosa* L. '*Alba Plena*'

'*Allenii*' see *nemorosa* L. '*Allenii*'

'*Annulata Grandiflora*' see *fulgens* Gay '*Annulata Grandiflora*'

apennina L.

S Europe, 1575; flowers solitary, bright blue, anthers pale yellow or white, rhizome creeping, brown, basal leaves pubescent beneath, primary divisions stalked, involucral leaves similar, but smaller, early spring flowering, height to 15 cm. (2n=16)

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

apennina L. var *alba* Ware

Intr. 1771; flowers outside pale blue, inside white.

F.C.C.-R.H.S. 1888

apennina L. '*Petrovac*'

Yugoslavia, intr. by W. Christian; flowers deep blue, multi-petalled.

apennina L. 'Plena'

Flowers double.

apennina L. 'Purpurea'

Tubergen, 1906; flowers violet (35/1).

'*Atrocaerulea*' see **blanda** Schott & Kotschy '*Atrocaerulea*'

blanda Schott & Kotschy

SE Europe, Cyprus, USSR (Caucasus), W Turkey, before 1700; flowers solitary, blue, mauve, white or pink, rhizome tuberous, spring flowering; like **apennina** L.

A.G.M.-R.H.S. 1927, F.C.C.-R.H.S. 1977

blanda Schott & Kotschy var *alba* Leichtlin

Intr. 1890; flowers white.

blanda Schott & Kotschy '*Atrocaerulea*'

Flowers deep blue.

blanda Schott & Kotschy '*Blue Pearl*'

J. Bijl van Duyvenbode; flowers veronica-violet (639/1).

blanda Schott & Kotschy '*Blue Star*'

J. Bijl van Duyvenbode; flowers hyacinth-blue (40), anthers pale-yellow.

A.M.-B.C. 1955, F.C.C.-B.C. 1958.

blanda Schott & Kotschy '*Bridesmaid*'

Tubergen; flowers white.

A.M.-B.C. 1949.

blanda Schott & Kotschy '*Charmer*'

Tubergen, 1957; flowers deep pink.

blanda Schott & Kotschy '*Fairy*'

Flowers small, white.

blanda Schott & Kotschy '*Ingramii*'

Greece, found by S.C. Atchley, sel. by E.A. Bowles, 1914; flowers clear violet (36), back of segments purple.

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

blanda Schott & Kotschy '*Pastel Beauty*'

J. Bijl van Duyvenbode; flowers mineral-violet (635/2,3).'

blanda Schott & Kotschy '*Pink Star*'

J. Bijl van Duyvenbode; flowers phlox-purple (632/1).

A.M.-B.C. 1958.

blanda Schott & Kotschy 'Radar'

Tubergen, 1950; flowers doge-purple (732/2) with white centre.
A.M.-B.C. 1961, F.C.C.-R.H.S. 1975.

blanda Schott & Kotschy 'Rosea'

E.A. Bowles; flowers cyclamen-purple (30/2), height 25-35 cm.

blanda Schott & Kotschy 'Scythinica'

N Kurdistan, intr. 1892; flowers white inside, sapphire-blue outside, later flowering.
A.M.-R.H.S. 1982

blanda Schott & Kotschy 'Violet Star'

J. Bijl van Duyvenbode, 1956; flowers amethyst-violet (CC 75c).
A.M.-R.H.S. 1960

blanda Schott & Kotschy 'Violetta'

Flowers purple.

blanda Schott & Kotschy 'White Beauty'

Flowers white.

blanda Schott & Kotschy 'White Splendour'

Tubergen, 1950; flowers large, to 5 cm, white, reverse pale lilac-rose.
A.M.-B.C. 1961, A.M.-R.H.S. 1978

'Blue Beauty' see nemorosa L. 'Blue Beauty'

'Blue Bonnet' see nemorosa L. 'Blue Bonnet'

'Blue Pearl' see blanda Schott & Kotschy 'Blue Pearl'

'Blue Queen' see nemorosa L. 'Blue Queen'

'Blue Star' see blanda Schott & Kotschy 'Blue Star'

'Bowles' Purple' see nemorosa L. 'Bowles' Purple'

'Bracteata Pleniflora' see nemorosa L. 'Bracteata Pleniflora'

'Bride' see coronaria L. 'Bride'

'Bridesmaid' see blanda Schott & Kotschy 'Bridesmaid'

'Caerulea' see nemorosa L. 'Caerulea'

'Charmer' see blanda Schott & Kotschy 'Charmer'

'Cornflower' see coronaria L. 'Cornflower'

coronaria L.

S Europe, Mediterranean; flowers solitary, scarlet, blue, pink or white, spring flowering; single, semi-double and double forms. (2n=16)

coronaria L. 'Admiral'*'The Admiral'*

Tubergen; flowers semi-double, violet.

A.M.-B.C. 1927.

coronaria L. 'Bride'*'The Bride'*

Intr. by Krelage, 1870; flowers single, white.

coronaria L. 'Cornflower'

Flowers blue, double.

coronaria L. De CaenAbout 1870; a name restricted to a mixture of **coronaria** with single flowers.**coronaria L. 'Don Juan'**

Walter Blom & Sons; flowers scarlet-red, double.

A.M.-B.C. 1912

coronaria L. 'Governor'*'The Governor'*

Tubergen; flowers semi-double, scarlet-red.

coronaria L. 'His Excellency' see coronaria L. 'Hollandia'**coronaria L. 'Hollandia'***'His Excellency'*

Flowers double, scarlet, white base, black centre.

A.M.-B.C. 1927

coronaria L. 'Lord Lieutenant'

Tubergen; flowers semi-double, deep blue.

A.M.-B.C. 1927

coronaria L. Mona Lisa

Raised in USA; a strain with a wide range of bright colours, blue, red, pink, and white, height 45 cm.

coronaria L. 'Mount Everest'

P. Drost; flowers semi-double, white.

A.M.-B.C. 1954

coronaria L. 'Mr. Fokker'

Flowers single, violet-blue.

coronaria L. 'Purity'

Flowers white, double.

coronaria L. 'Queen of the Violets'

Flowers violet, double.

ANEMONE

coronaria L. 'Royal Purple'

F.J. van der Ven; flowers semi-double, purple-violet.
A.M.-B.C. 1953

coronaria L. St. Brigid

Mrs. Lawrenson, about 1888; a name restricted to a mixture of *coronaria* with semi-double flowers with lanceolate segments in 3 rows, several colours.
A.M.-B.C. 1927, A.M.-R.H.S. 1894

coronaria L. St. Piran

A mixture in a range of glowing colours, flowers solitary, on a long, strong stem.

coronaria L. 'Sylphide'

Flowers single, violet-rose.

coronaria L. '*The Admiral*' see *coronaria* L. '*Admiral*'

coronaria L. '*The Bride*' see *coronaria* L. '*Bride*'

coronaria L. '*The Governor*' see *coronaria* L. '*Governor*'

'*Currie's Pink*' see *nemorosa* L. '*Currie's Pink*'

cylindrica A. Gray

N America, Mexico; flowers white or greenish white, basal leaves stalked, leaf-segments deeply cut, involucre leaves similar.

De Caen see *coronaria* L. *De Caen*

'*Don Juan*' see *coronaria* L. '*Don Juan*'

'*Fairy*' see *blanda* Schott & Kotschy '*Fairy*'

flaccida F. Schmidt

E USSR, China, Japan; flowers white, occasionally pink-flushed, rhizome thick, foliage thick, rather fleshy, bronze-green when young, later marked darker green and white, height 20 cm (rarely 30).

'*Flore Pleno*' see *ranunculoides* L. '*Pleniflora*'

fulgens Gay

hortensis L. x *pavonina* Lam.

Flowers narrow, scarlet, anthers dark violet, spring flowering; like *pavonina* Lam.

F.C.C.-R.H.S. 1865

fulgens Gay 'Annulata Grandiflora'

S Europe, 1850; flowers scarlet, yellowish white centre.

fulgens Gay 'Multipetala'

About 1883; flowers semi-double, scarlet.

fulgens Gay St. Bavo

Tubergen, 1912; a selection from 'Annulata Grandiflora', various colours.
A.M.-R.H.S. 1920, A.G.M.-R.H.S. 1927

'Governor' see coronaria L. 'Governor'

'Grandiflora' see fulgens L. 'Annulata Grandiflora'

'Grandiflora' see nemorosa L. 'Grandiflora'

'Green Fingers' see nemorosa L. 'Green Fingers'

'Hannah Gubbay' see nemorosa L. 'Hannah Gubbay'

hepatica L. see Hepatica nobilis Miller

hepatica L. var alba Weston see Hepatica nobilis Miller 'Alba'

hepatica L. forma alba plena Beck see Hepatica nobilis Miller 'Alba Plena'

hepatica L. var plena (Miller) Weston see Hepatica nobilis Miller 'Plena'

hepatica L. forma rosea Beck see Hepatica nobilis Miller 'Rubra'

hepatica L. var rubra Weston see Hepatica nobilis Miller 'Rubra'

hepatica L. var rubra plena Weston see Hepatica nobilis Miller 'Rubra Plena'

'Hilda' see nemorosa L. 'Hilda'

'His Excellency' see coronaria L. 'Hollandia'

'Hollandia' see coronaria L. 'Hollandia'

'Ingramii' see blanda Schott & Kotschy 'Ingramii'

'Lady Doneraile' see nemorosa L. 'Leeds Variety'

'Leeds Variety' see nemorosa L. 'Leeds Variety'

'Lismore Blue' see nemorosa L. 'Lismore Blue'

'Lismore Pink' see nemorosa L. 'Lismore Pink'

'Lord Lieutenant' see coronaria L. 'Lord Lieutenant'

'Lychette' see nemorosa L. 'Lytchett Variety'

'Lytchett' see nemorosa L. 'Lytchett Variety'

'Lytchett Variety' see nemorosa L. 'Lytchett Variety'

Mona Lisa see coronaria L. Mona Lisa

'Mount Everest' see coronaria L. 'Mount Everest'

'*Mr. Fokker*' see *coronaria* L. 'Mr. Fokker'

'*Multipetala*' see *fulgens* Gay 'Multipetala'

nemorosa L.

Europe, rare in the Mediterranean; flowers solitary, white, flushed with pink or purple, rhizome brown, creeping, height 20 cm, early spring flowering. (2n=28, 29, 30, 31, 32, 37, 42, 45, 46)

nemorosa L. var **alba** Crantz

Intr. 1771; flowers white, pinkish outside, leaves greenish-yellow.

nemorosa L. '**Alba Plena**'

alboplena S.T. & Schn.

Intr. 1771; flowers white, double, March-April flowering.

nemorosa L. '**Allenii**'

J. Allen, 1907; flowers lavender-blue flushed with rosy-purple on reverse, April-May flowering.

A.M.-B.C. 1915, A.M.-R.H.S. 1910, A.G.M.-R.H.S. 1925

nemorosa L. '**Blue Beauty**'

Tubergen; flowers blue, large.

nemorosa L. '**Blue Bonnet**'

T. Smith; flowers blue, late flowering.

nemorosa L. '**Blue Queen**'

J. Allen; flowers bright blue, rather small, early flowering.

nemorosa L. '**Bowles' Purple**'

Intr. by M. Leichtlin; flowers soft blue.

nemorosa L. '**Bracteata Pleniflora**'

Before 1593; some flowers double, some semi-double, while others have no real flowers but a mass of sepals, modified into a bracts, usually green, but sometimes whitish, violet or bluish.

nemorosa L. '**Caerulea**'

Cult. in England since 1721; flowers sky-blue, the reverse much paler, height 15 cm, late flowering.

nemorosa L. '**Currie's Pink**'

Flowers bluish pink.

nemorosa L. '**Grandiflora**'

Flowers large, 3-4 cm.

nemorosa L. '**Green Fingers**'

T. Lundell, named by Mrs. Sanderson; flowers green, tinged white, pointed sepals, leaves finely dissected, height 25 cm.

nemorosa L. 'Hannah Gubbay'

Probably originating from Ireland; flowers purple on opening, inner petals becoming deep blue, height 15-20 cm.

nemorosa L. 'Hilda'

U Toubl; flowers small, pure white, height 10-15 cm.

nemorosa L. 'Lady Doneraile'

Flowers white, height 25 cm; rather similar to **nemorosa 'Lytchett Variety'**.

nemorosa L. 'Leeds Variety'

Intr. by Leeds; flowers white, tinged purple pink on reverse.

A.M.-R.H.S. 1965

nemorosa L. 'Lismore Blue'

Flowers blue.

nemorosa L. 'Lismore Pink'

Flowers pale pink.

nemorosa L. 'Lychette' see **nemorosa L. 'Lytchett Variety'**

nemorosa L. 'Lytchett' see **nemorosa L. 'Lytchett Variety'**

nemorosa L. 'Lytchett Variety'

'*Lytchett*', '*Lychette*'

Originating from W America; flowers large, pure white with green touches around the base, height 50 cm.

nemorosa L. 'Pentre Pink'

P. Christian, 1973; flowers white backed with pink, flowering off to pink.

nemorosa L. 'Robinsoniana'

Intr. by W. Robinson, about 1870; flowers bright lavender-blue, height 30-35 cm.

A.M.-R.H.S. 1984

nemorosa L. 'Rosea'

Flowers rose pink.

nemorosa L. 'Royal Blue'

Tubergen; flowers veronica-violet, tinged rose-purple on reverse, leaf deep green, tinged purple, height 20-25 cm, April flowering.

A.M.-B.C. 1915

nemorosa L. 'Vestal'

Intr. by M. Leichtlin; flowers white, with tightly packed button; larger than **nemorosa 'Alboplana'**.

ANEMONE

nemorosa L. 'Virescens'

Flowers variable, the floral parts turned into a mass of leafy green bracts.

nemorosa L. 'Wilkes Giant'

Related to *nemorosa* 'Wilkes White', but without pink flush.

nemorosa L. 'Wilkes White'

Flowers rather large, white, later pink, like apple-blossom, height 50 cm.

'*Pastel Beauty*' see *blanda* Schott & Kotschy '*Pastel Beauty*'

'*Pentre Pink*' see *nemorosa* L. '*Pentre Pink*'

'*Petrovac*' see *apennina* L. '*Petrovac*'

'*Pink Star*' see *blanda* Schott & Kotschy '*Pink Star*'

'*Plena*' see *apennina* L. '*Plena*'

'*Pleniflora*' see *ranunculoides* L. '*Pleniflora*'

'*Purity*' see *coronaria* L. '*Purity*'

'*Purpurea*' see *apennina* L. '*Purpurea*'

'*Queen of the Violets*' see *coronaria* L. '*Queen of the Violets*'

'*Radar*' see *blanda* Schott & Kotschy '*Radar*'

ranunculoides L. '*Flore Pleno*' see *ranunculoides* L. '*Pleniflora*'

ranunculoides L. 'Pleniflora'

ranunculoides '*Flore Pleno*'

Flowers yellow, semi-double, 12 or more perianth-segments.

ranunculoides L. ssp *ranunculoides*

Most of Europe except the Mediterranean, 1596; flowers solitary, deep yellow, rhizome brown, far-creeping, basal leaves deep green shaded purple, involucral leaves deeply divided, shortly stalked, height 15 cm, March-May flowering. (2n=32)

ranunculoides L. 'Superba'

Flowers deep-yellow, leaves bronze-coloured.

ranunculoides L. ssp *wockena* (Asch. & Graebner) Hegi

NC Europe; plant small, rhizome short.

'*Robinsoniana*' see *nemorosa* L. '*Robinsoniana*'

'*Rosea*' see *blanda* Schott & Kotschy '*Rosea*'

'*Rosea*' see *nemorosa* L. '*Rosea*'

- 'Royal Blue' see *nemorosa* L. 'Royal Blue'
 'Royal Purple' see *coronaria* L. 'Royal Purple'
 'Scythinica' see *blanda* Schott & Kotschy 'Scythinica'
St. Bavo see *fulgens* Gay *St. Bavo*
St. Brigid see *coronaria* L. *St. Brigid*
St. Piran see *coronaria* L. *St. Piran*
 'Superba' see *ranunculoides* L. 'Superba'
 'Sylphide' see *coronaria* L. 'Sylphide'
 'The Admiral' see *coronaria* L. 'Admiral'
 'The Bride' see *coronaria* L. 'Bride'
 'The Governor' see *coronaria* L. 'Governor'
trifolia L. ssp *albida* (Matiz) Tutin
 NW Spain, Portugal; anthers white.
trifolia L. ssp *trifolia*
 C Italy, C Austria to Hungary and N Yugoslavia; flowers white, rarely slightly pink, anthers blue, rhizome slender, creeping, brown, basal leaves usually absent, height 15-20, April-May flowering. (2n=32)
 'Vestal' see *nemorosa* L. 'Vestal'
 'Violet Star' see *blanda* Schott & Kotschy 'Violet Star'
 'Violetta' see *blanda* Schott & Kotschy 'Violetta'
 'Virescens' see *nemorosa* L. 'Virescens'
 'White Beauty' see *blanda* Schott & Kotschy 'White Beauty'
 'White Splendour' see *blanda* Schott & Kotschy 'White Splendour'
 'Wilkes Giant' see *nemorosa* L. 'Wilkes Giant'
 'Wilkes White' see *nemorosa* L. 'Wilkes White'

ANOMATHECA

Anomatheca Ker Gawler

Family: Iridaceae

Literature: The European garden flora I:383, 1986.

cruenta Lindl. see *laxa* (Thunb.) Goldblatt

ANOMATHECA

laxa (Thunb.) Goldblatt

cruenta Lindl., *Lapeirousia cruenta* (Lindl.) Baker, *Lapeirousia laxa* (Thunb.) N.E. Br.

S Africa, Mozambique; inflorescence a simple spike, flowers 6, perianth usually red, occasionally white or bluish, each of the lower 3 lobes with dark red or purple spot near base, stem terete, not or a little branched, basal leaves as long as or longer than inflorescence, acute, spring-summer flowering. (2n=22)

laxa (Thunb.) Goldblatt 'Alba'

Flowers white.

ANTHOLYZA

Antholyza L.

Family: Iridaceae

paniculata Klatt see *Crocasmia paniculata* (Klatt) Goldblatt

AROIDES

Aroides Fabr. see *Zantedeschia* Sprengel

Family: Araceae

albomaculatum (Hook.) Kuntze see *Zantedeschia albomaculata* (Hook.) Baillon
ssp *albomaculata*

ARUM

Arum L.

Family: Araceae

Literature: The European garden flora II: 104-106, 1988; P. Boyce, Observations on Aroids, in Bull. Alpine Garden Society 54: 35-42, 1986.

albispathum Steven see *italicum* Miller

byzantinum Blume

italicum Miller var *byzantinum* (Blume) Engl.

NW Turkey; tuber appearing vertical when young, horizontal at maturity, spathe greenish, sometimes purplish brown at margin, zone of female florets much longer than that of male, appendix purplish brown, base stalk-like.

concinnum Schott see *nickelii* Schott

cornutum misapplied see *Sauromatum venosum* (Aiton) Kunth

creticum Boiss. & Heldr.

Crete, Karpathos; tuber vertical, leaves appearing in autumn, spathe bright yellow, greenish yellow, white or rarely pale green, zone of female florets much shorter than that of male, appendix of spadix orange-yellow or purple, base not stalk-like, spring flowering. (2n=26, 32)

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

dioscoridis Sibth. & Smith

Turkey and Iraq to Israel; tuber vertical, leaves appearing in autumn, spathe dark purple, sometimes pale green but always spotted with brown, yellow, black or dark purple, some spots coalescent, zone of female florets twice as long as that of male, appendix of spadix dark purple, base not stalk-like, spring flowering.

dracunculus L. see **Dracunculus vulgaris** Schott**elongatum** Steven

USSR (Ukraine, Crimea), Balkans, Iran; spathe purplish red, spring flowering.

guttatum Wallich see **Sauromatum venosum** (Aiton) Kunth**hygrophylum** Boiss.

Cyprus to Syria and Israel, Morocco; tuber vertical, leaves appearing in spring, spathe mostly green, usually with purple margin, zone of female florets twice as long as that of male, appendix of spadix dark purple, basal part stalk-like, spring flowering.

italicum Miller

albispatham Steven, *italicum* ssp *albispatham* (Steven) Prime

Canary Islands to Cyprus and to England; tuber horizontal, leaves appearing in autumn or early winter, sometimes veined with white, rarely with dark spots, spathe greenish yellow, to transparent white, zone of female florets much longer than that of male, appendix of spadix yellow, base stalk-like, late spring flowering.

italicum Miller ssp *albispatham* (Steven) Prime see *italicum* Miller

italicum Miller var *byzantinum* (Blume) Engl. see *byzantinum* Blume

italicum Miller var *concinnum* (Schott) Engl. see *nickelii* Schott

italicum Miller 'Marmoratum'

Leaves deep green, marbled and veined light green above, spathe pale green, orange-red fruits in autumn.

italicum Miller ssp *neglectum* (Townsend) Prime

W Europe, W Mediterranean; leaves concolorous, or rarely with dark spots, spathe pale greenish yellow. (2n=84)

korolkowii

Soviet C Asia; spathes narrow, twisted, lime-green, spadix deep bottle-green.

maculatum L.

W, C & S Europe, E to USSR (Ukraine); tuber horizontal, blackish spots on leaves and spathe, appendix of spadix occasionally yellow, always with a stalk-like base, late spring flowering.

'*Marmoratum*' see *italicum* Miller 'Marmoratum'

nickelii Schott

concinnum Schott, *italicum* Miller var *concinnum* (Schott) Engl.

Tuber horizontal, leaves deep green, sometimes scattered with paler spots, spathe greenish white inside, zone of female florets much longer than that of male, appendix greenish yellow or dark brownish, basal part stalk-like.

nigrum Schott see *petteri* Schott

orientale M. Bieb.

C & E Europe to Sweden, SW Asia to Iran; tuber vertical, leaves appearing in spring, spathe green, variably tinged with purple, not spotted, zone of female florets much longer than that of male, appendix of spadix dark purple, with or without stalk-like base, spadix 9-16 cm, spathe about twice as long, early summer flowering.

palaestinum Boiss.

Israel, 1854; tuber vertical, leaves appearing in spring, spathe-limb greenish outside, dark purple inside, zones of female and male florets of about equal length, basal part of appendix of spadix stalk-like, spring flowering.

F.C.C.-R.H.S. 1886

petteri Schott

nigrum Schott

W Yugoslavia, N Greece; tuber vertical, subglobose, leaves appearing in autumn, dull green, spathe purplish black, much longer than spadix, appendix stout, dark purplish grey, sterile flowers present, above and below the male, spring flowering.

pictum L.f.

Islands of W Mediterranean; tuber vertical, leaves appearing in autumn, spathe dark reddish purple, zone of female florets longer than that of male, appendix of spadix dark purple, with a stalk-like base, autumn flowering.

venosum Aiton see *Sauromatum venosum* (Aiton) Kunth

BABIANA

Babiana Ker Gawler

Family: Iridaceae

Literature: The European garden flora I: 385-386, 1986.

'Blue Beauty'

Flowers soft blue, tall.

'Blue Gem'

Flowers deep blue, dark spots, plant dwarfish.

disticha Ker Gawler see *plicata* Ker Gawler**hypogaea Burchell**

Namibia to Zimbabwe; inflorescence of 1-3 dense spikes, flowers 3-6, nearly white to dark blue or mauve, perianth-tube very slender, about 6 cm long, usually with a white or yellow area near the middle, leaves several, hairy. (2n=14)

'Lady Carey'

Flowers magenta-purple.

plicata Ker Gawler*disticha* Ker Gawler

S Africa; flowers 4-10 in dense spike, fragrant, perianth varying from violet to pale blue or rarely white, the lower lobes usually with a small or large yellow area marked with 2 purple spots at the base, tube 1.8 cm, the 3 upper lobes slightly longer than the others, ovary densely hairy or silky, summer flowering. (2n=14)

'Purple Sensation'

Tubergen 1970; flowers violet-purple (CC 77a), blotched violet and yellow, anthers violet.

'Purple Star'

Tubergen, 1962; flowers cyclamen-purple (CC 74), anthers blue.

rubro-cyanea (Jacq.) Ker Gawler

stricta (Aiton) Ker Gawler var *rubro-cyanea* (Jacq.) Baker, *rubrocaerulea* Reichb.

S Africa (Cape Province); 1794; flowers 5-10 in a lax to fairly dense spike, perianth-tube 1.5-2 cm, lobes red in the lower part, blue in the upper, ovary downy or silky, stigmas flattened, scape ascending, spring flowering. (2n=14) F.C.C.-R.H.S. 1890

rubrocaerulea Reichb. see *rubro-cyanea* (Jacq.) Ker Gawler

BABIANA

stricta (Aiton) Ker Gawler

S Africa, 1757; flowers 4-8, in loose spike, sometimes slightly fragrant, perianth pale cream or dark purple, blue or mauve-blue, sometimes with dark, blood-red centre, rarely entirely sulphur-yellow, perianth-tube 1-1.8 cm, ovary densely hairy or silky, stigmas not flattened, scape erect, spring flowering. (2n=14)

stricta (Aiton) Ker Gawler var *rubro-cyanea* (Jacq.) Baker see **rubro-cyanea** (Jacq.) Ker Gawler

tubata (Jacq.) Sweet see *tubulosa* (N.L. Burm.) Ker Gawler

'Tubergen's Blue'

Tubergen, 1960; flowers methyl-violet (CC 85b), inner petals white blotch to the base, edged dark purple, on outer petals purple blotch.
A.M.-B.C. 1964

tubiflora L.f. see *tubulosa* (N.L. Burm.) Ker Gawler

tubulosa (N.L. Burm.) Ker Gawler

tubata (Jacq.) Sweet, *tubiflora* L.f.

S Africa; flowers 6-12, in dense spike, perianth cream with red markings on the lower 3 lobes, tube flushed with purple outside and the outer lobes nearly always with a reddish mainline outside, tube 6.5-9 cm, blades 4-15 x 0.4-2.2 cm, scape ascending with 1-3 branches, spring flowering. (2n=14)

'White King'

Flowers white, blue anthers.

'Zwanenburg's Glory'

Tubergen; flower-segments alternately blue and white.

BELAMCANDA

Belamcanda Adans.

Family: **Iridaceae**

Literature: The European garden flora I: 373, 1986.

chinensis (L.) DC.

Pardanthus chinensis (L.) Ker Gawler

E USSR (Ussuri region), China, Japan, Taiwan, N India, 1740; flowers 3-12, 5-6 cm in diameter, yellowish or orange-red spotted with red or dark purple, stem 60-100 cm, August-September flowering.

chinensis (L.) DC. **'Dwarf Yellow'**

Flowers rich yellow.

BELLEVALIA**Bellevalia** Lapeyr.Family: **Liliaceae**

Literature: The European garden flora I: 221-223, 1986; Flora of Turkey 8: 264-274, 1984.

azurea (Fenzl) Boiss. see **Muscari azureum** Fenzl**forniculata** (Fomin) Delaunay*Muscari forniculatum* Fomin

Turkey (NE Anatolia), flowers sky-blue, usually paler between veins, margins of inner lobes white, leaves erect, margin smooth, spring flowering. (2n=8)

paradoxa (Fischer & Meyer) Boiss. see **pycnantha** (K. Koch) Los.-Losinsk.**pycnantha** (K. Koch) Los.-Losinsk.*paradoxa* (Fischer & Meyer) Boiss., *Muscari paradoxum* misapplied, *Muscari pycnantha* K. Koch

USSR (Transcaucasus), E Turkey, N & W Iran, N Iraq, 1835; flowers blue-black at all stages, greenish yellow on edges and inner surfaces of lobes, leaves usually 3, channelled, deep green, glaucous on upper surface, with smooth margins, spring flowering. (2n=8, 18)

romana (L.) Reichb.*Hyacinthus romanus* L.

C & S Mediterranean area, SW France; flowers wide bell-shaped or broad obconical, white tinged with green, violet or brown, with conspicuous blue-black anthers, spring flowering. (2n=8)

tabriziana Turrill

N Iran; flowers bell-shaped, rose or pale purple, conspicuously veined, leaves 3-4, glabrous, recurved.

BLANFORDIA**Blanfordia** SmithFamily: **Liliaceae**

Literature: The European garden flora I: 143-144, 1986.

flammea Hook. see **grandiflora** R. Br.**grandiflora** R. Br.*flammea* Hook.

Australia (Queensland, New S Wales); flowers in loose raceme, crimson and yellow, bell-shaped, leaf-margins toothed, spring-early summer flowering.

BLETILLA

BLETILLA

Bletilla H.G. Reichb.

Family: **Orchidaceae**

Literature: The European garden flora II: 172, 1984.

hyacinthina (Smith) Pfitzer see *striata* (Murray) H.G. Reichb.

striata (Murray) H.G. Reichb.

hyacinthina (Smith) Pfitzer

China, Japan; flowers magenta, column purple at tip, spring-summer flowering.

striata (Murray) H.G. Reichb. 'Alba'

Flowers white.

striata (Murray) H.G. Reichb. 'Albosriata'

Leaves striped white.

striata (Murray) H.G. Reichb. 'Gebina'

Flowers whitish, suffused with a faint blush.

BLOOMERIA

Bloomeria Kellogg

Family: **Liliaceae**

Literature: The European garden flora I: 392, 1986.

crocea (Torrey) Cov. var *aurea* (Hook.) Ingram

Nothoscordum aureum Hook.

N America, California, 1896; flowers deep golden-yellow, with green midrib outside, in large umbels, height 60 cm. (2n=18)

BOBARTIA

Bobartia L.

Family: **Iridaceae**

aurantiaca Sweet var *collina* Thunb. see **Homeria collina** (Thunb.) Salisb.

BOLBOXALIS

Bolboxalis Small see **Oxalis** L.

Family: **Oxalidaceae**

cernua (Thunb.) Small see **Oxalis pes-caprae** L.

BOTRYANTHUS

Botryanthus Kunth see *Muscari* Miller

Family: **Liliaceae**

aucheri Boiss. see *Muscari aucheri* (Boiss.) Baker

BREVOORTIA

Brevoortia Alph. Wood see *Dichelostemma* Kunth

Family: **Liliaceae**

ida-maia Alph. Wood see *Dichelostemma ida-maia* (Alph. Wood) E. Greene

BRIMEURA

Brimeura Salisb.

Family: **Liliaceae**

Literature: The European garden flora I: 224, 1986.

amethystina (L.) Chouard

Hyacinthus amethystinus L.

Pyrenees & NE Spain, NW Yugoslavia, 1601; flowers narrowly bell-shaped, bright blue or sometimes violet-blue or pure white, lobes one-third to half as long as tube, leaves channelled, bright green, late spring-early summer flowering. (2n=24, 48)

S.C.C.-R.H.S. 1865, A.G.M.-R.H.S. 1931

amethystina (L.) Chouard 'Alba'

Hyacinthus amethystinus L. 'Albus'

G.A. Arnott 1887; flowers white.

BRODIAEA

Brodiaea Smith

Family: **Liliaceae**

Closely related to *Triteleia* Lindl. and *Dichelostemma* Kunth.

Literature: The European garden flora I: 247-248, 1986; T.F. Niehaus, The *Brodiaea* complex, The four seasons 6(1): 11-21, 1980; Hortus third: 181-182, 1976.

'Blue King' see *Triteleia laxa* Benth. 'Blue King'

bridgesii S. Watson see *Triteleia bridgesii* (S. Watson) E. Greene

californica Lindl.

grandiflora Smith var *elatior* Benth.

USA (N California); flower pale to deep purple or pink, 20-25 in umbel, lobes about 3 times as long as tube, tube thin, transparent, splitting in fruit, staminodes reaching same level as anthers and stigma, scape 20-70 cm, summer flowering. (2n=12)

candida (E. Greene) Baker see *Triteleia laxa* Benth.

capitata Benth. see *Dichelostemma pulchellum* (Salisb.) A.A. Heller

coccinea A. Gray see *Dichelostemma ida-maia* (Alph. Wood) E. Greene

congesta Smith see *Dichelostemma congestum* (Smith) Kunth

coronaria (Salisb.) Engl.

grandiflora Smith, *howellii* Eastw., *synandra* Jepson

USA (California, Oregon, Washington); flower pale to deep purple, lobes less than 2.5 times as long as tube, tube ovoid to narrowly bell-shaped, thick, staminodes close to anthers, exceeding anthers and stigma, scape 5-25 cm, summer flowering. (2n=24)

coronaria (Salisb.) Engl. var *macropoda* (Torrey) Hoover see *terrestris* Kellogg ssp *terrestris*

coronaria (Salisb.) Engl. var *mundula* Jepson see *elegans* Hoover

crocea (Alph. Wood) S. Watson see *Triteleia crocea* (Alph. Wood) E. Greene

douglasii Piper see *Triteleia grandiflora* Lindl.

elegans Hoover

coronaria (Salisb.) Engl. var *mundula* Jepson

USA (California, Oregon); flower deep purple, lobes less than 2.5 times as long as tube, tube funnel-shaped, thick, staminodes erect, flat, shorter than anthers, scape 10-50 cm, summer flowering. (2n=16,32)

grandiflora (Lindl.) J.F. Macbr. see *Triteleia grandiflora* Lindl.

grandiflora Smith see *coronaria* (Salisb.) Engl.

grandiflora Smith var *elatior* Benth. see *californica* Lindl.

grandiflora Smith var *macropoda* Torrey see *terrestris* (Torrey) Hoover

howellii Eastw. see *coronaria* (Salisb.) Engl.

hyacinthina (Lindl.) Baker see *Triteleia hyacinthina* (Lindl.) E. Greene

ida-maia (Alph. Wood) E. Greene see *Dichelostemma ida-maia* (Alph. Wood) E. Greene

ixioides (W.T. Aiton) S. Watson see *Triteleia ixioides* (W.T. Aiton) E. Greene

kinkiensis Niehaus

USA (California & S desert regions); flower salverform, plant one-leaved scape 20-30 cm, flower whitish with purple-brown midribs, staminodes erect. (2n=32)

'Koningin Fabiola' see *Triteleia* 'Koningin Fabiola'

lactea S. Watson see *Triteleia hyacinthina* (Lindl.) E. Greene

laxa (Benth.) S. Watson see *Triteleia laxa* Benth.

lilacina S. Watson see *Triteleia hyacinthina* (Lindl.) E. Greene 'Lilacina'

lutea (Lindl.) Morton see *Triteleia ixioides* (W.T. Aiton) E. Greene

multiflora Benth. see *Dichelostemma multiflorum* (Benth.) A.A. Heller

parviflora Torrey see *Dichelostemma multiflorum* (Benth.) A.A. Heller

peduncularis (Lindl.) S. Watson see *Triteleia peduncularis* Lindl.

pulchella (Salisb.) E. Greene see *Dichelostemma pulchellum* (Salisb.) A.A. Heller

splendens S. Watson see *Triteleia ixioides* (W.T. Aiton) E. Greene

synandra Jepson see *coronaria* (Salisb.) Engl.

terrestris Kellogg

grandiflora Smith var *macropoda* Torrey, *coronaria* (Salisb.) Engl. var *macropoda* (Torrey) Hoover

USA (California, S Oregon); flower purplish pink, lobes less than 2.5 times as long as tube, tube ovoid to narrowly bell-shaped, thick, staminodes distant from anthers, considerably exceeding anthers and stigma, scape 5-70 cm, summer flowering. (2n=24)

tubergenii anon. see *Triteleia tubergenii* L. Lenz

uniflora (Lindl.) Engl. see *Ipheion uniflorum* (Lindl.) Raf.

BRUNSVIGIA

Brunsvigia Heister

Family: **Amaryllidaceae**

Literature: The European garden flora I: 311, 1986.

gigantea Schultes see *orientalis* (L.) Ecklon

josephinae (Redouté) Ker Gawler

S Africa, Cape, 1789; bulb mostly above ground, to 30 cm in diameter, leaves ascending to erect, 20-30 (rarely 60) flowers per umbel, deep red with yellow spots, autumn flowering.

F.C.C.-R.H.S. 1895

BRUNSVIGIA

orientalis (L.) Ecklon

gigantea Schultes, *Amaryllis orientalis* L.

S Africa, Cape, 1612; bulb mostly below ground, 10-15 cm in diameter, leaves lying flat on the ground, flowers bright red or pink, 20-40 (rarely more) per umbel, autumn flowering.

rosea (Lam.) Hann. see *Amaryllis belladonna* L.

BULBINELLA

Bulbinella Kunth

Family: **Liliaceae**

Literature: The European garden flora I: 130, 1986.

hookeri (J.D. Hook.) Cheeseman

New Zealand; flowers yellow, bisexual, in many-flowered, terminal racemes, leaves in rosettes, to 30 x 3 cm, erect.

BULBOCODIUM

Bulbocodium L.

Family: **Liliaceae**

Literature: The European garden flora I:168, 1986.

vernum L.

Colchicum bulbocodium Ker Gawler, *Colchicum vernum* (L.) Ker Gawler

Pyrenees, SW & SC Alps, 1629; flowers solitary (rarely 2 or 3), close to the ground, 4-8.5 cm, pinkish purple, rarely white, scales almost black, leaves appearing with the flowers but reaching full size later, winter-spring flowering. (2n=22)

A.M.-R.H.S. 1953

CALIPHRURIA

Caliphruria Herbert

Family: **Amaryllidaceae**

Literature: The European garden flora I: 323, 1986.

subedentata Baker

Eucharis subedentata (Baker) Benth. & Hook.

Colombia; leaves more than half as wide as long, with about 10 veins on either side of the pale midrib, flowers white, to c. 4 cm in diameter, funnel-shaped, perianth-lobes slightly recurved at the tips, style not exceeding perianth-lobes.

CALLA*Calla* L.

Family: Araceae

aethiopica L. see *Zantedeschia aethiopica* (L.) Sprengel*elliottiana* Watson see *Zantedeschia elliottiana* (Watson) Engl.*oculata* (Lindl.) Engl. see *Zantedeschia albomaculata* (Hook.) Baillon ssp
*albomaculata***CALLICORE***Callicore* Link see *Amaryllis* L.

Family: Amaryllidaceae

rosea (Lam.) Hann. see *Amaryllis belladonna* L.**CALLIPRORA***Calliprora* Lindl. see *Triteleia* Lindl.

Family: Liliaceae

lutea Lindl. see *Triteleia ixioides* (W.T. Aiton) E. Greene**CAMASSIA***Camassia* Lindl.

Family: Liliaceae

Literature: The European garden flora I: 215-216, 1986.

'Alba' see *leichtlinii* (Baker) S. Watson 'Alba''Blauwe Donau' see *leichtlinii* (Baker) S. Watson 'Blauwe Donau''Caerulea' see *leichtlinii* (Baker) S. Watson 'Caerulea'*cusickii* S. Watson

W USA (NE Oregon); flowers irregular, perianth-segments pale blue, stamens shorter than perianth, filaments 1.5 cm, straight at first, becoming curved, white, leaves wavy, glaucous above, bright green beneath, height 60-75 cm, late spring-early summer flowering.

cusickii S. Watson 'Zwanenburg'

Van Tubergen 1969; flowers wisteria-blue (CC 92a), height 60-75 cm.

esculenta Lindl. see *quamash* (Pursh) E. Greene*fraseri* Torrey see *scilloides* (Raf.) Bory

CAMASSIA

hyacinthina (Raf.) E.J. Palmer & Steyermark see *scilloides* (Raf.) Bory

'*Lady Eve Price*' see *leichtlinii* (Baker) S. Watson '*Lady Eve Price*'

leichtlinii (Baker) S. Watson

W N-America; flowers regular, perianth-segments creamy white or blue to violet, stamens half to three-quarters as long as the segments, filaments white or bluish, anthers yellow, style rather shorter to slightly longer than stamens, white, height 70-90 cm, late spring-early summer flowering.

A.M.-R.H.S. 1970

leichtlinii (Baker) S. Watson '*Alba*'

Flowers bluish white.

leichtlinii (Baker) S. Watson '*Blauwe Donau*'

G.J. Hoogervorst; flowers sea-lavender-violet (CC 85d), anthers lilac, ovary green, height 70-90 cm.

T.G.A.-B.C. 1965

leichtlinii (Baker) S. Watson '*Caerulea*'

Rev. Ellacombe; flowers blue, height 70-90 cm.

leichtlinii (Baker) S. Watson '*Lady Eve Price*'

H. Price; flowers campanula-violet (CC 82), the individual segments each having a darker coloured central stripe methyl-violet (CC 85a), height 70-90 cm.

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

leichtlinii (Baker) S. Watson '*Plena*'

Erect spike of many, starry, transparent, green white multi-petalous flowers.

A.M.-R.H.S. 1970

leichtlinii (Baker) S. Watson '*Semiplena*'

Tubergen; flowers creamy white, large, semi-double, height 70-90 cm.

leichtlinii (Baker) S. Watson ssp *suksdorffii* (Greenman) Gould

W N-America (British Colombia to California); flowers blue to violet.

'*Orion*' see *quamash* (Pursh) E. Greene '*Orion*'

'*Plena*' see *leichtlinii* (Baker) S. Watson '*Plena*'

quamash (Pursh) E. Greene

esculenta Lindl., *teapeae* St. John

Western N America (E to Montana & Utah); flowers regular or irregular, perianth-segments pale blue to deep violet-blue or white, stamens two-thirds as long as the segments, anthers yellow or blue, style as long as or longer than stamens, purple or white, height 20-30 cm, late spring-early summer flowering. (2n=30)

quamash (Pursh) E. Greene 'Orion'

Van Meeuwen; flowers clear violet (36/1), large, height 20-30 cm.
A.M.-B.C. 1913

scilloides (Raf.) Bory

fraseri Torrey, *hyacinthina* (Raf.) E.J. Palmer & Steyermark

C & E N-America; flowers regular, perianth-segments blue, blue-violet or white, stamens slightly shorter than segments, filaments coloured like the perianth-segments white or bluish, leaves bright green, late spring-early summer flowering.

'*Semiplena*' see *leichtlinii* (Baker) S. Watson '*Semiplena*'

teapeae St. John see *quamash* (Pursh) E. Greene

'*Zwanenburg*' see *cusickii* S. Watson '*Zwanenburg*'

CANNA

Canna L.

Family: **Cannaceae**

Literature: The European garden flora II: 129-130, 1984.

All included cultivars belong to **Canna indica** hybrids.

'Adrien Emilaire'

Blanc & Fils 1963; flowers red, green leaves, height up to 80 cm.

'Aida'

Wayside Gardens; flowers old-rose overlaid with salmon, green leaves, height over 80 cm.

'Alberich'

W. Pfitzer 1949; flowers azalea-pink (CC 38a), vaguely spotted purple, green leaves, height up to 80 cm.

'Alma'

G. Truffaut; flowers red, edged yellow, green leaves, height over 80 cm.

'Almenrausch'

P. Schmid; flowers dull carmine, green leaves, height over 80 cm.

'Alphonse Bouvier'

A. Crozy 1891; flowers dark scarlet with a trace of yellow at the throat, green leaves, height over 80 cm.

A.M.-R.H.S. 1892.

'Alt Württemberg'

W. Pfitzer 1949; flowers orange-red, brown leaves, height over 80 cm.

'Ambassador'

Flowers fiery-red, brown leaves, height over 80 cm.

'America'

'President Carnot' x *flaccida* Salisb. **'Le Roi'**

C. Sprenger, 1893; flowers orient-red (CC 42a), brown leaves, height over 80 cm.

A.M.-R.H.S 1897.

'Angeline'

Flowers salmon, tinted yellow, brown leaves, height up to 80 cm.

'Aphrodite'

P. Schmid; flowers dull pink, leaves brown, height over 80 cm.

A.M.-B.C. 1971

'Apollon'

G. Truffaut 1952; flowers amber-coloured, spotted purplish pink, leaves green, height over 80 cm.

'Apricot Glow'

Flowers vary from pale to dull pink, leaves green, height over 80 cm.

'Aranyálom'

Raised in Hungary, 1959; flowers persimmon-orange (CC 28a), narrow canary-yellow edge (CC 7a), leaves green, height up to 80 cm.

A.M.-B.C. 1971

'Aristote'

G. Truffaut, 1949; flowers pink, leaves green, height over 80 cm.

'Assaut'

'Vorwärts'

Vilmorin-Andrieux, 1920; flowers scarlet, leaves brown, height over 80 cm.

'Asturia'

Flowers yellow, leaves green, height over 80 cm.

'Australia'

C. Sprenger, 1906; flowers yellow, striped and overlaid with red, leaves green, height over 80 cm.

'Bayadère'

E. Turc; flowers red, with mixed yellow, leaves green, height over 80 cm.

'Beatrix'

P. Schmid; flowers orient-red (CC 42a), inner petals with yellow midrib, leaves green, height up to 80 cm.

'Beauval'

Flowers orange, tinted salmon, leaves green, height up to 80 cm.

'Bonfire'

Flowers capsicum-red (CC 33a), shade tomato-red (CC 44b), leaves green, height over 80 cm.

'Brillant'

A. Crozy; flowers blood-red (CC 46c), leaves green, height over 80 cm. (2n=27)

'Bronze Pointevine'

A. Bruant; flowers reddish brown, leaves brown, height over 80 cm.
A.M.-R.H.S. 1899

'Caliente'

Flowers intense scarlet, leaves brown, height over 80 cm.

'Carnaval'

'Prins Carnaval'

Vilmorin-Andrieux, 1911; flowers salmon-pink, tinged carmine, edged yellow, leaves green, height over 80 cm.

'Centenaire de Rozain-Bourcharlat'

A. Crozy; flowers rhodonite-red, shaded lilac, leaves green, height over 80 cm.
(2n=18)

'Centurion'

E. Turc; flowers tangerine-orange, leaves green, height over 80 cm.

'Champion'

E. Turc; flowers salmon, leaves brown, height over 80 cm.

'Champol'

A. Bruant, 1905; flowers cadmium-orange (CC 23b), centre deeper orange, edges aureolin (CC 12a), leaves green, height over 80 cm.

'Chanteclair'

Flowers red, leaves brown, height over 80 cm.

'Charge'

Vilmorin-Andrieux, 1921; flowers poppy-red, leaves green, height over 80 cm.

'Charles Hubert'

A. Crozy 1905; flowers cherry-red, tinged darker, scarlet glow, leaves brown, height over 80 cm.

'Charlotte'

Flowers red, leaves brown, height over 80 cm.

'Charme'

P. Schmid; flowers claret-rose (CC 50b), leaves green, height up to 80 cm.

'Chinese Coral'

P. Schmid; flowers chinese-pink, leaves green, height up to 80 cm.

'Cipières'

Vilmorin-Andrieux 1948; flowers geranium-red, throat spotted creamy-yellow, leaves green, height over 80 cm.

'Citrus'

P. Schmid; flowers canary-yellow (CC 19a), uniformly spotted vermilion-red, occasionally with red flowers, leaves green, height up to 80 cm.

'City of Portland'

Flowers jasper-red (CC 39a), narrow canary-yellow edge (CC 7a), leaves green, height over 80 cm.

'Clans'

Flowers poppy-red, edged lemon-yellow, leaves green, height up to 80 cm.

'Clauda'

P. Schmid; flowers carmine, leaves green, height up to 80 cm.

'Colibri'

'Confetti'

G. Truffaut, 1966; flowers canary-yellow, spotted and striped purple-red, leaves green, height over 80 cm.

'Comte de Bouchaud'

A. Crozy, 1895; flowers yellow, richly and uniformly spotted with red, leaves green, height over 80 cm.

A.M.-R.H.S. 1897

'Confetti' see **'Colibri'**

'Copper Giant'

'Kupferriese'

Flowers nasturtium-red (CC 32b), paler stripes towards the centre, leaves green, height over 80 cm.

'Cream Beauty'

Flowers large, creamy-white, leaves green, height over 80 cm.

'Csaba'

Raised in Hungary, 1959; flowers mandarin-red (CC 40c), vaguely spotted purple-red, leaves brown, height up to 80 cm.

'Csokonai'

Raised in Hungary; flowers cyclamen-lilac.

'David Harem'

L. Vaughan, 1900; flowers orange-red, spotted yellow, leaves brown, height over 80 cm.

'Délibáb'

Raised in Hungary, 1966; flowers burnt-orange (CC 31b), shaded capsicum-red (CC 33a), leaves brown, height up to 80 cm.

'Di Bartolo'

Flowers spinel-red (CC 54a), leaves brown, height over 80 cm.

'Diogène'

G. Truffaut, 1949; flowers orient-red, yellow to centre, leaves brown, height over 80 cm.

'Dollar'

Flowers yellow, spotted red, leaves green, height over 80 cm.

'Dondoblutrot'

P. Schmid, 1959; flowers currant-red (CC 46a), leaves green, height up to 80 cm, early flowering.

'Dondoscharlachfeuer'

P. Schmid; flowers dull blood-red (CC 45a), petals from centre with yellowish white vein, leaves green, height up to 80 cm.

'Doris'

P. Schmid, 1960; flowers carmine-pink, leaves green, height up to 80 cm.

'Edelgard'

P. Schmid, 1959; flowers rhodonite-red (CC 51a), shaded yellow to the centre, leaves green, height over 80 cm.

edulis Ker Gawler

West Indies, S America; flowers bright red, staminodes varying to orange, leaves purplish beneath, height up to 3 m. (2n=18)

'Eglantine'

E. Turc; flowers soft pink, edged sulphur-yellow, leaves green, height over 80 cm.

'Eliza Kruger'

Flowers sandalwood-buff, leaves green, height over 80 cm.

'Emblème'

H. Cayeux, 1927; flowers orange-red, leaves brown, height over 80 cm.

‘Émouchet’

Vilmorin-Andrieux; flowers pale orange, turning pink, leaves brown, height over 80 cm.

‘En Avant’

Vilmorin-Andrieux, 1914; flowers uniformly spotted nasturtium-red (CC 32a) on aureolin (CC 12a), leaves green, height over 80 cm. (2n=18)

‘Endeavour’

Longwood Gardens, 1977; flowers bright red (CC 45b), leaves brown, height over 80 cm.

‘Epicure’

G. Truffaut, 1949; flowers strawberry-red, leaves brown, height over 80 cm.

‘Erebus’

Longwood Gardens, 1977; flowers salmon-pink (CC 39b/c), pale yellow at base, leaves green, height over 80 cm.

‘Étoile du Feu’

Flowers dull cherry-red, leaves brown, height over 80 cm.

‘Eureka’

Wayside Gardens, 1950; flowers white, leaves green, height over 80 cm.

‘Evening Star’

Flowers dull carmine (CC 52a), leaves green, height over 80 cm.

‘Exquisite’

Wayside Gardens, 1950; flowers pale rose-pink, leaves green, height over 80 cm.

‘Extase’

Flowers cyclamen-pink, spotted carmine, leaves green, height over 80 cm.

‘Extra’

Raised in Hungary, 1960; flowers pale red, leaves green, height over 80 cm.

‘Fanal’

P. Schmid, 1962; flowers scarlet-pink (CC 43b), lower petals striped yellow to the centre, leaves green, height over 80 cm.

‘Fatamorgana’

Maas & Van Stein; flowers rhodamine-pink (CC 51a), leaves green, height up to 80 cm.

A.M.-B.C. 1971

‘Favorite’

P. Schmid, 1962; flowers dark pink, leaves green, height over 80 cm.

'Favourite'

A. Annings; flowers yellow, leaves green, height over 80 cm.

'Felix Ragout'

Flowers aureolin (CC 12b), throat whitish yellow, leaves green, height over 80 cm.

'Feuerzauber'

'Feu Magique'

W. Pfitzer, 1922; flowers dull scarlet, leaves brown, height over 80 cm.
A.M.-B.C. 1930

'Feu Magique' see **'Feuerzauber'**

'Firebird' see **'Oiseau de Feu'**

flaccida Salisb.

USA (S Carolina to Florida); flowers about 12 cm, pale yellow, flaccid, leaves green, height up to 2 m, summer flowering. (2n=18)

'Flamant Rose'

H. Cayeux, 1920; flowers salmon-pink, leaves green, height over 80 cm.

'Florence Vaughan'

A. Crozy 1893; flowers sulphur-yellow (CC 6a), large nasturtium-orange blotch (CC 25b) fading into spots, leaves green height over 80 cm.

'Franz Graf von Thun'

W. Pfitzer, 1901; flowers amaranth-red, lower petals shade orange-yellow, leaves green, height over 80 cm.

'Frau Schumann'

W. Pfitzer; flowers apricot-coloured, leaves green, height over 80 cm.

'Freiheitstatute'

Flowers brown-orange, leaves brown, height over 80 cm.

'Frohsinn'

P. Schmid, 1962; flowers salmon, leaves brown, height over 80 cm, late flowering.

'Gaiety'

Flowers orange-red with yellow edge, leaves green, height over 80 cm.

'Garteninspektor Nessler'

W. Pfitzer, 1906; flowers persimmon-orange (CC 28a), narrow yellow-orange edge, leaves brown, height over 80 cm.

'Gartenschönheit'

W. Pfitzer, 1922; flowers cyclamen-pink, leaves green, height over 80 cm.

gigantea Desf. see *latifolia* Miller

***glauca* L.**

Tropical & Subtropical America, from the West Indies to Bolivia & Argentina; raceme usually simple, flowers pale lemon-yellow to darker yellow, more rarely with a hint of mottling of red or orange, leaves glaucous, height up to 2 m, summer-autumn flowering. (2n=18)

'Gnom'

W. Pfitzer, 1949; flowers orient-pink (CC 36a), orange-red to the centre, leaves green, height up to 80 cm.

'Golden Eagle'

Flowers yellow, blotch orange, leaves green, height over 80 cm.

'Goldkrone' see **'Yellow Humbert'**

'Goldvogel' see **'Oiseau d'Or'**

'Granat'

P. Schmid, 1966; flowers deep scarlet, leaves green, height up to 80 cm.

'Grand Opera Mixture'

Wayside Gardens; flowers mixed pastel colours, leaves green, height over 80 cm.

'Heidenreich'

P. Schmid; flowers dark red, leaves green, height over 80 cm.

'Henri Foulquier'

Flowers copper-coloured, leaves brown, height over 80 cm.

'Hercule'

'Herculus'

Vilmorin-Andrieux; flowers orient-red (CC 42a), leaves brown; height over 80 cm.

'Herculus' see **'Hercule'**

'Hermann Adolf Hesse'

W. Pfitzer, 1920; flowers blood-red with scarlet suffusion, leaves green, height over 80 cm.

'Hosanna'

Flowers pale sulphur-yellow, shaded pink, leaves green, height over 80 cm.

'Hungaria'

Arpad Mühle; flowers pink, leaves green, height over 80 cm.

indica L.

Tropical and subtropical America; inflorescence a raceme or somewhat branched panicle, staminodes bright red or orange, lip yellow or orange with a darker mottling or streaks, leaves green, height up to 170 cm, autumn flowering. (2n=18, 27)

'Ingeborg'

W. Pfitzer, 1916; flowers persimmon-orange (CC 28a), petals with various shadings, leaves brown, height over 80 cm.

iridiflora Ruiz Lopez & Pavón

Peru; inflorescence a drooping panicle, flowers waxy, reddish pink, more or less hanging, leaves green, height up to 3 m, autumn flowering.

'Isabella Breitschwerdt'

W. Pfitzer, 1905; flowers salmon-rose, slightly mottled with a deeper shade, leaves green, height over 80 cm.

A.M.-R.H.S. 1907

'Italia'

'Madame Crozy' x *flaccida* Salisb. 'Le Roi'

C. Sprenger, 1893; flowers spotted with red towards the throat, leaves green, height over 80 cm.

A.M.-R.H.S. 1896

'J.B. v.d. Schoot'

W. Pfitzer, 1902; flowers lemon-yellow (CC 14b), striped and spotted purple-red, leaves green, height over 80 cm.

A.M.-R.H.S. 1907, A.M.-B.C. 1930

'Jeffrey Hudson'

Blanc & Fils, 1963; flowers yellow, leaves green, height up to 80 cm.

'Jivago'

E. Turc; flowers tangerine-orange, leaves green, height over 80 cm.

'Jupiter'

G. Truffaut, 1952; flowers reddish carmine, leaves green, height over 80 cm.

'King Midas'

Flowers blotched and spotted spanish-orange (CC 26a) on aureolin (CC 12a), leaves green, height to 80 cm.

'Königin Charlotte'

'Reine Charlotte'

G. Ernst, 1892; flowers orient-red (CC 42a), edged canary-yellow (CC 9b), leaves green, height over 80 cm.

A.H.-R.H.S. 1893

CANNA

'Kupferriese' see **'Copper Giant'**

'La Baldine'

Vilmorin-Andrieux, 1948; flowers coral-pink changing into rose-madder, leaves brown, height over 80 cm.

'La Bohème'

Wayside Gardens; flowers soft peach overlaid with pearl tints, leaves green, height over 80 cm.

'Lafayette'

H. Cayeux, 1925; flowers geranium-lake, leaves brown, height up to 80 cm.

'La France'

C. Sprenger, 1898; flowers orange-red, yellow at the throat, leaves brown, height over 80 cm.

A.M.-R.H.S. 1898

'La Gloire'

Vilmorin-Andrieux, 1920; flowers orange, leaves brown, height over 80 cm.

'La Pagane'

Vilmorin-Andrieux, 1948; flowers bright carmine, leaves green, height over 80 cm.

latifolia Miller

gigantea Desf.

S America; flowers scarlet, staminodes united into a tube, brick-red, leaves green, purple margined when young, height up to 5 m.

'La Traviata'

Wayside Gardens; flowers old rose, slightly yellow at throat, leaves green, height over 80 cm.

'Lauvert'

Vilmorin-Andrieux, 1948; flowers chrome-yellow on salmon-pink, leaves brown, height over 80 cm.

'La Victoire'

Vilmorin-Andrieux, 1920; flowers soft pink, leaves brown, height over 80 cm.

'L.E. Bailly'

A. Crozy, 1891; flowers pale yellow, densely spotted terracotta, leaves green, height over 80 cm.

'Le Vesuve'

'Vesuvius'

C. Sprenger; flowers red, leaves green, height over 80 cm.

'Les Rastines'

Vilmorin-Andrieux, 1948; flowers yellow veined red, throat with pink spots, leaves green, height over 80 cm.

'Libération'

Vilmorin-Andrieux, 1920; flowers ochre-orange, leaves green, height over 80 cm.

'Liebesgut'

Flowers dull fire-red (CC 33b), centre slightly darker tinted, leaves brown, height over 80 cm.

'Lilla'

Raised in Hungary, 1959; flowers salmon-red, leaves green, height over 80 cm.

'Lorna Anning'

A. Anning; flowers bright pink, leaves green, height over 80 cm.

'Louis Cayeux'

H. Cayeux, 1924; flowers jasper-red (CC 39b), leaves green, height over 80 cm.

A.M.-B.C. 1933

'Louis Cottin'

Flowers copper-coloured, tinted orange, leaves brown, height up to 80 cm.

'Lucifer'

H. Faiss; flowers orient-red (CC 42a), edged aureolin (CC 12b), leaves green, height up to 80 cm.

A.M.-B.C. 1968

'Luigi Beretta'

W. Pfitzer, 1901; flowers orient-red (CC 42a), leaves brown, height over 80 cm.

'Mab'

Blanc & Fils, 1963; flowers carnet-red, leaves green, height up to 80 cm.

'Madame Angele Martin'

Vilmorin-Andrieux, 1915; flowers salmon-pink, tinged yellow, leaves brown, height over 80 cm.

'Madame B. Ducoeur'

E. Turc; flowers yellow, leaves green, height up to 80 cm.

'Madame Butterfly'

Wayside Gardens; flowers pale yellow, shaded pink, leaves green, height over 80 cm.

'Madame Crozy'

A. Crozy 1890; flowers orange-scarlet with narrow yellow edge, leaves green, height over 80 cm.

A.M.-R.H.S. 1890

'Madame Elida Bertini'

Flowers fawn-coloured, leaves green, height over 80 cm.

'Madame F. Lepoutre'

Flowers garnet-purple, leaves green, height over 80 cm.

'Madame Paul Caseneuve'

A. Crozy, 1902; flowers azalea-pink (CC 38b), pink-yellow striped towards centre, leaves brown, height over 80 cm.

'Madame Urbain Léonard'

Flowers orange-red, leaves brown, height over 80 cm.

'Margie Korn'

Flowers soft pink, leaves green, height up to 80 cm.

'Martha Washington'

A. Wintzer 1898; flowers orange to rosy red with narrow yellow edge, leaves green, height over 80 cm.

'Marvel'

Flowers indian-orange (CC 32a), narrow aureolin (CC 12a) edge, leaves green, height over 80 cm.

'Mazurka'

W. Pfitzer, 1966; flowers dull carmine, leaves brown, height over 80 cm.

'Melpomene'

W. Pfitzer, 1925; flowers salmon, leaves green, height over 80 cm.

'Mendelien'

Flowers yellow, spotted red, leaves green, height over 80 cm.

'Meyerbeer'

Flowers yellow, pointed red, leaves green, height over 80 cm.

'Mignon'

Wayside Gardens; upper petals peach-pink with alpine glow, lower petal gold-coloured, shaded pink, leaves green, height over 80 cm.

'Minerve'

G. Truffaut, 1960; flowers nasturtium-red (CC 30a), lemon-yellow to the edge, leaves brown, height over 80 cm.

'Montaigne'

H. Cayeux, 1924; flowers red with pink suffusion, leaves brown, height over 80 cm.

'Mrs. Alfred Conard'

W. Pfitzer, 1922; flowers salmon-pink, leaves brown, height over 80 cm.

'Mrs. Kate Gray'**'Italia' x 'Madame Crozy'**

W.H. Morse 1898; flowers reddish orange with darker marking, sometimes lightly edged with yellow, leaves green, height over 80 cm. (2n=18)

A.M.-R.H.S. 1901

'Mrs. Oklahoma'

Flowers pink, leaves green, height over 80 cm.

'Nacomis'

Flowers dull blood-red (CC 46b) with scarlet shade, leaves brown, height over 80 cm.

'Oiseau de Feu'**'Firebird'**

Vilmorin-Andrieux, 1911; flowers blood-red (CC 45b), leaves green, height over 80 cm.

F.C.C.-B.C. 1913

'Oiseau d'Or'**'Goldvogel'**

Vilmorin-Andrieux, 1918; flowers golden-yellow, leaves green, height over 80 cm.

'Orange Beauty'

Flowers golden orange, leaves green, height over 80 cm.

'Orange Bedder'

Raised in America; flowers orange, leaves green, height over 80 cm.

'Orange Perfection'

Flowers nasturtium-orange (CC 25c), fading into yellow towards the edge, leaves green, height up to 80 cm.

'Orchid'

Flowers orchid-pink, leaves green, height over 80 cm.

orchiodes L. Bailey

Flowers very large, tubular at base, yellow to red, striped and splashed, to 15 cm in diameter.

CANNA

'Oriental'

Vilmorin-Andrieux, 1911; flowers yellow, spotted red, leaves green, height over 80 cm.

'Pacha'

Flowers dark red, leaves brown, height over 80 cm.

'Pallag Szépe'

Raised in Hungary, 1966; flowers orange, passing into pink, leaves green, height up to 80 cm.

'Panache Rouge'

Vilmorin-Andrieux, 1922; flowers orient-red, leaves green, height over 80 cm.

'Pannónia'

Raised in Hungary, 1959; flowers chinese-coral (CC 32c), slightly striped yellow to the centre, leaves green, height up to 80 cm.

'Parténope'

C. Sprenger 1897; flowers reddish orange, slightly splashed with red and running red to the edge, leaves green, height over 80 cm.
A.M.-R.H.S. 1897

'Patrie'

Flowers glowing red, leaves green, height over 80 cm.

'Paul Lorenz'

W. Pfitzer 1898; flowers marigold-orange (CC 28b) on a cadmium-orange (CC 23a) ground, leaves brown, height over 80 cm.

'Pax'

Raised in Hungary, 1960; flowers red, leaves green, height over 80 cm.

'Peau Rouge'

Flowers orange, leaves brown, height over 80 cm.

'Perkeo'

W. Pfitzer, 1949; flowers claret-rose (CC 50a), throat slightly striped yellow, leaves green, height up to 80 cm.

'Pfitzer's Cherry Red'

W. Pfitzer; flowers cherry-red, leaves green, height up to 80 cm.

'Pfitzer's Chinese Coral'

W. Pfitzer; flowers chinese-coral, leaves green, height up to 80 cm.

'Pfitzer's Primrose Yellow'

W. Pfitzer; flowers pale barium-yellow with pink suffusion, green leaves, height up to 80 cm.

‘Pfitzer’s Salmon’

W. Pfitzer; flowers azalea-pink (CC 38b), shaded shell-pink (CC 37c), leaves green, height up to 80 cm.

‘Pfitzer’s Shell Pink’

W. Pfitzer; flowers pink, leaves green, height up to 80 cm.

‘Pharaon’

Flowers dark red with a carmine glow, leaves brown, height over 80 cm.

‘Philadelphia’

A. Wintzer, 1901; flowers saturn-red with orange suffusion, leaves green, height over 80 cm.

‘Phyllomena’

Flowers canary-yellow (CC 7c), spotted cardinal-red (CC 53a), lower petal richly striped and spotted cardinal-red, leaves green, height up to 80 cm.

‘Picadore’

E. Turc; flowers dutch vermillion, leaves green, height over 80 cm.

‘Pink Star’

Gill Bulb Co.; flowers pink, leaves green, height up to 80 cm.

‘Pluto’

C. Sprenger; flowers orange-scarlet, mottled with yellow towards the base of segments, leaves brown, height over 80 cm.

A.M.-R.H.S. 1907

‘Poesie’

G. Truffaut, 1966; flowers rhodonite-red (CC 51c), spotted and blotched on a chartreuse-green ground (CC 1c), leaves green, height over 80 cm.

‘Pohl Emléke’

Raised in Hungary, 1965; flowers apricot-coloured, leaves brown, height up to 80 cm.

‘Polaris’

E. Turc; flowers white, blotched carmine, leaves green, height over 80 cm.

‘Pomone’

G. Truffaut, 1952; flowers golden-yellow, turning into saffron-yellow, leaves green, height over 80 cm.

‘Pony’

W. Pfitzer, 1963; flowers nasturtium-orange, leaves green, height up to 80 cm.

‘President’

Raised in America, 1923; flowers tomato-red (CC 44a), centre spotted yellow, leaves green, height over 80 cm.

'President Carnot'

A. Crozy 1889; flowers tomato-red (CC 44b), slightly striped yellow to the centre, leaves brown, height over 80 cm.

'Prince Charmant'

Flowers carmine-rose, leaves green, height over 80 cm.

'Prins Carnaval' see **'Carnaval'**

'Professor Lorentz'

Flowers orpiment-orange (CC 25a), paler stripes and blotches, leaves brown, height over 80 cm; not the same as **'Paul Lorenz'**.

'Puck'

W. Pfitzer, 1950; flowers mimosa-yellow (CC 8b fading into 8d), vaguely spotted purple, leaves green, height up to 80 cm.

'Queen Helena'

Flowers yellow, with an occasional red petal, leaves green, height over 80 cm.

'Ra'

Longwood Gardens; flowers clear, pale yellow (CC 9a/b), leaves green, height over 80 cm.

'Radio'

W. Pfitzer, 1933; flowers dull yellow-white suffusion, leaves green, height over 80 cm. (2n=18)

'Rayon d'Or'

Flowers golden-yellow, striped red, leaves green, height over 80 cm.

'Red Dazzler'

Flowers dark red, leaves green, height over 80 cm.

'Red King Humbert' see **'Roi Humbert'**

'Reine Charlotte' see **'Königin Charlotte'**

'Richard Wallace'

W. Pfitzer, 1902; flowers canary-yellow, vaguely spotted purple, leaves green, height over 80 cm.

'Rigoletto'

Wayside Gardens; flowers canary-yellow, passing to pale lemon-yellow as the flower develops, leaves green, height over 80 cm.

'Robert Kemp'

Flowers small, orange (CC 30d), centre darker tinged, leaves green, height over 80 cm.

'Roi Humbert'*'Red King Humbert'*

C. Sprenger, 1902; flowers nasturtium-red (CC 32a), shaded capsicum-red (CC 33a), leaves brown, height over 80 cm. (2n=ca. 27)

'Roi Soleil'

Vilmorin-Andrieux, 1930; flowers blood-red (CC 46b), striped and blotched yellow in the centre, leaves green, height over 80 cm.

'Roitelet'

G. Truffaut, 1966; flowers capsicum-red (CC 33a), centre aureolin (CC 12a) blotched and striped red, tinted orange, leaves green, height up to 80 cm.

'Roma'

C. Sprenger 1897; flowers yellow, mottled red, leaves green height over 80 cm.

'Romania'

Flowers yellow, leaves brown, height over 80 cm.

'Rosamunde'

P. Schmid; flowers red, edged yellow, leaves green, height over 80 cm. (2n=27)

'Rose Glory'

J. Maryknoll; flowers rose-pink, leaves green, height over 80 cm.

'Rosemond Coles'

Flowers tomato-red (CC 44b), edged canary-yellow (CC 7a), leaves green, height over 80 cm.

'Rosenkavalier'

W. Pfitzer, 1957; flowers pink, leaves green, height over 80 cm.

'Saladin'

Flowers pink, spotted carmine, leaves brown, height over 80 cm.

'Salmon Beauty'

Wayside Gardens; flowers soft salmon-pink, leaves green, height over 80 cm.

'Schwabenland'

W. Pfitzer, 1906; flowers dull scarlet, leaves brown, height over 80 cm.

'Schwabenstreich'

W. Pfitzer, 1930; flowers golden-orange, leaves brown, height over 80 cm.

'Schwäbische Heimat'

W. Pfitzer 1895; flowers carmine, leaves green, height over 80 cm.

'Sémaphore'

Vilmorin-Andrieux 1895; flowers saffron-yellow (CC 21a), lower petals orpiment-orange (CC 25a), leaves brown, height over 80 cm.

'Shenandoah'

A. Wintzer 1894; flowers salmon-pink, leaves brown, height over 80 cm.

'Signor Wundurlick'

Deleuil 1890; flowers salmon-coloured, leaves green, height over 80 cm.

'Soudan'

Flowers red, mottled yellow, leaves brown, height over 80 cm.

'Souvenir de Jeanne Crozy'

A. Crozy; flowers golden-yellow, leaves green, height over 80 cm.

'Souvenir de Roussain'

Flowers rose-red, leaves green, height over 80 cm.

'Stadt Fellbach'

W. Pfitzer, 1934; flowers orange-red, leaves green, height over 80 cm.

'Stadtrat Heidenreich'

W. Pfitzer 1897; flowers orient-red (CC 42a), with scarlet glow, leaves brown, height over 80 cm.

A.M.-R.H.S. 1897

'Strasbourg'

W. Pfitzer; flowers dark red, leaves green, height up to 80 cm.

'Südfunk'

W. Pfitzer, 1930; flowers orange-red, leaves brown, height up to 80 cm.

'Suévia'

'Prof. Forster' x flaccida Salisb. **'Le Roi'**

C. Sprenger, 1895; flowers pale yellow shading to bronzy red at the throat, leaves green, height over 80 cm.

'Sunrise'

Flowers two-tone rosy pink, leaves green, height over 80 cm.

'Talisman'

Flowers golden-yellow, centre red, leaves green, height over 80 cm.

'Taney'

Longwood Gardens; flowers burnt orange (CC 33c/d), finely edged yellow, leaves green, height over 80 cm.

'Taroudant'

E. Turc; flowers orange edged lemon-yellow, leaves green, height over 80 cm.

'Tchad'

E. Turc; flowers glowing scarlet, leaves brown, height over 80 cm.

'Tegernsee'

W. Pfitzer, 1949; flowers dark scarlet, leaves green, height over 80 cm.

'Thalie'

G. Truffaut, 1960; flowers geranium-red, leaves green, height over 80 cm.

'Tirol'

W. Pfitzer, 1930; flowers azalea-pink (CC 38a), veins deeper coloured, leaves green, height over 80 cm.

'Triomphe'

Vilmorin-Andrieux, 1920; flowers carmine, leaves brown, height over 80 cm.

'Uncle Sam'

Flowers indian-orange (CC 32a), leaves green, height over 80 cm.

'Venus'

Mr. Conrad, 1907; flowers salmon-rose, paler and mottled towards throat, leaves green, height over 80 cm.

A.M.-R.H.S. 1907

'Verdi'

L. Kapiteyn; flowers indian-orange (CC 32a), centre blotched yellow and purple, leaves brown, height over 80 cm.

'Vesuvius' see 'Le Vesuve'**'Victory'**

L. Vaughan, 1899; flowers orange-scarlet, veined carmine, irregularly edged yellow, leaves green, height over 80 cm.

'Viking'

E. Turc; flowers carmine-purple, leaves green, height over 80 cm.

'Vorwärts' see 'Assaut'**warscewiczii A. Dietr.**

Costa Rica, S America; flowers scarlet, often tinged with blue, height up to 1.6 m, leaves edged brownish.

'Wintzer's Colossal'

A. Wintzer; flowers tomato-red (CC 45b), leaves green, height over 80 cm.

'Wyoming'

A. Wintzer, 1906; flowers tangerine-orange (CC 24a), darker edged and blotched, purple-red towards centre, petals frilled, leaves brown, height over 80 cm.
(2n=27)

'Yellow Humbert'

'Goldkrone'

sport of **'Roi Humbert'**

Flowers yellow, striped red, leaves green, height over 80 cm.

'Zwerg Granat'

P. Schmid, 1963; flowers dark scarlet, leaves green, height up to 80 cm.

CHIONODOXA

Chionodoxa Boiss.

closely related to *Scilla* L.

Family: **Liliaceae**

Literature: The European garden flora I: 214-215, 1986.

'Alba' see *luciliae* Boiss. *'Alba'*

albescens (Speta) Rix

Scilla albescens Speta

Crete; flowers pale pinkish or lavender, spring flowering.

cretica Boiss. see *nana* (Schultes & J.H. Schultes) Boiss.

forbesii Baker

luciliae misapplied, *tmolusi* Whittall, *siehei* Stapf

W Turkey, 1880; flowers rich blue with a large white central zone, scape with 4-12 flowers, spring flowering. (2n=18, 27)

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

gigantea Whittall see *luciliae* Boiss.

gigantea Whittall *'Alba'* see *luciliae* Boiss. *'Alba'*

lochia Meikle

Cyprus; flowers bright blue without a white central zone, scape usually with 2-4 flowers, spring flowering. (2n=18)

luciliae Boiss.

gigantea Whittall

W Turkey, intr. by May, 1878; flowers lavender-blue with a white central zone, scape with 1 or 2 flowers, spring flowering. (2n=18)

F.C.C.-R.H.S. 1878, A.G.M.-R.H.S. 1954

luciliae Boiss. *'Alba'*

gigantea Whittall *'Alba'*

Sel. by Barr & Sons, 1885; flowers white.

A.M.-R.H.S. 1897

luciliae Boiss. 'Pink Giant'sport of **luciliae** 'Rosea'

Sel. by Nic. Roozen Lz, 1942; flowers soft cattleya-violet, sturdy growing.

A.M.-B.C. 1949, F.C.C.-B.C. 1954

luciliae Boiss. 'Rosea'

Flowers pale rose-purple (533/3), dark midrib.

luciliae Boiss. 'Zwanenburg'

Tubergen; flowers bright blue, white eyed.

luciliae misapplied see **forbesii** Baker**nana** (Schultes & J.H. Schultes) Boiss.*cretica* Boiss.

Crete; flowers wisteria-blue with a white central zone, scape usually with 1-3 flowers, spring flowering. (2n=18)

'Pink Giant' see **luciliae** Boiss. 'Pink Giant'**sardensis** Barr & Sugden

W Turkey, intr. by Barr & Sons, 1883; flowers bright blue, without a white central zone, scape with 4-12 flowers, spring flowering. (2n=18)

F.C.C.-R.H.S. 1885, A.G.M.-R.H.S. 1925

siehei Stapf see **forbesii** Baker*tmolusi* Whittall see **forbesii** Baker**CHIONOSCILLA****Chionoscilla** Nicholson**Scilla** L. x **Chionodoxa** Boiss.Family: **Liliaceae**

Literature: The European garden flora I: 215, 1986.

allenii Nicholson**Chionodoxa forbesii** Baker x **Scilla bifolia** L.

Intermediate between the parents, perianth-tube very short, flowers bright blue with small pale central zone, filaments pale blue; probably not available in trade, but often occurring spontaneously where the parent species are grown together.

CHORETIS*Choretis* Herbert see **Hymenocallis** Salisb.Family: **Amaryllidaceae**

COBURGIA

Coburgia Herbert

Family: **Amaryllidaceae**

belladonna (L.) Herbert see *Amaryllis belladonna* L.

COLCHICUM

Colchicum L.

Family: **Liliaceae**

Literature: The European garden flora I: 162-169, 1986.

agrippinum Baker

probably a hybrid of *variegatum* L. x *autumnale* L., close to *variegatum* L., but flowers upright and petals narrower-based, less tessellated and wavy, checkered pink with purple, easy garden plant.

A.M.-R.H.S. 1974

albiflorum see *hungaricum* Janka forma *albiflorum* Maly

'*Alboplenum*' see *autumnale* L. '*Alboplenum*'

'*Album*' see *autumnale* L. '*Album*'

'*Album*' see *speciosum* Steven '*Album*'

alpinum DC.

France, Switzerland, Italy, Corsica, Sardinia; flowers 1 or 2, narrowly bell-shaped to funnel-shaped, purplish pink occasionally white, narrowly oblong elliptic, summer-autumn flowering.

'*Antares*'

P. Visser Czn., 1977; flowers mineral-violet (76a,b) inner segments ivory white, edged mineral-violet, flower-tube greenish white, September flowering.

A.M.-B.C. 1979

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

armenum B. Fedtsch. see *szovitsii* Fischer & C. Meyer

atropurpureum Stearn

Since 1680, already known from Parkinson 1629; flowers small, dark magenta-red; close to *turcicum* Janka.

'*Atrorubens*' see *speciosum* Steven '*Atrorubens*'

'*Attlee*'

P. Visser Czn., 1984; inside flowers creamy white, edged violet-purple (CC 77b), outside amethyst-violet (CC 75a), flated with greenish white edge from centre, top of petals violet-purple (CC 77b), September flowering.

autumnale L.

autumnale var *minus* hort., *autumnale* var *minor* hort.

S, W & C Europe to USSR, 1561; flowers 1-6, perianth segments purplish pink, occasionally tessellated to white, late summer-autumn flowering. (2n=24, 38, 42)

autumnale L. 'Alboplenum'

White, double form of *autumnale* L., large flowers.

F.C.C.-R.H.S. 1872

autumnale L. 'Album'

White flowered form of *autumnale* L.

autumnale L. var *major* hort. see *byzantinum* Ker Gawler

autumnale L. var *majus* hort. see *byzantinum* Ker Gawler

autumnale L. var *minor* hort. see *autumnale* L.

autumnale L. var *minus* hort. see *autumnale* L.

autumnale L. 'Pleniflorum'

autumnale 'Plenum', *autumnale* 'Roseum Plenum'

Double flowered, late flowering form of *autumnale* L.

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

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

'Autumn Herald'

Ingwersen; flowers amethyst-violet (CC 81c), inner segments violet-purple (CC 77b) with a broad ivory white base, anthers pale orange, September flowering.

'Autumn Queen'

'Prinses Astrid'

giganteum Arn. x probably *bivonae* Guss.

Zocher & Co.; flowers tessellated, deep purple on white ground.

A.M.-B.C. 1926, A.G.M.-R.H.S. 1952

baytopiorum C. Brickell

W. Turkey; flowers 1-3, rarely to 5, bell-shaped or funnel-shaped, perianth bright purplish pink, anthers yellow, autumn flowering.

balansae Planchon var *macrophyllum* Siehe see *cilicicum* (Boiss.) Dammer

'Beaconsfield'

probably *speciosum* Steven x *bivonae* Guss

Perianth segments light purple with deeper tessellation.

bifolium Freyn & Sint. see *szovitsii* Fischer & C. Meyer

COLCHICUM

bivonae Guss.

bowlesianum B.L. Burtt, *latifolium* Sibth. & Smith, *visianii* Parl.

S Europe form Corsica, Sardinia to W Turkey; flowers rosy purple, strongly tessellated, sometimes white at the base, anthers purplish black or purplish brown, late summer, autumn flowering; parent of many garden hybrids. (2n=36, 52)

boissieri Orph.

procurrens Baker

S. Greece, W. Turkey; flowers bright rosy lilac, autumn flowering.

bornmuelleri Freyn

Turkey, 1889; flowers rosy purple, throat usually white, anthers purplish, late summer-autumn flowering. (2n=42)

bornmuelleri Freyn 'Magnificum'

Tubergen; flowers violet, centre pale, larger than type.

A.M.-B.C. 1927

bornmuelleri hort. non Freyn.

A form of *speciosum* Steven with rosy purple flowers with prominent white base with green tube, anthers yellow.

bowlesianum B.L. Burtt see **bivonae** Guss.

bulbocodium Ker Gawler see **Bulbocodium vernum** L.

burtii Meikle

W Turkey; flowers white or pale purplish pink, anthers (dark purplish) black, early spring flowering.

byzantinum Ker Gawler

autumnale L. var *majus* hort., *autumnale* L. var *major* hort.

probably a hybrid from *cilicicum* (Boiss.) Dammer

Asia minor, 1597; flower purple-pink, up to 20 flowers, leaves not appearing until spring, leaves broader and more strongly ribbed than those of *cilicicum* (Boiss.) Dammer. (2n=40)

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

byzantinum Ker Gawler var *cilicicum* Boiss. see **cilicicum** (Boiss.) Dammer

candidum Boiss. var *hirtiflorum* Boiss. see **kotschyi** Boiss.

chalconicum Azn.

NW Turkey; close to *lingulatum* Boiss., foliage similar, but flowers deep rosy purple, tessellated.

cilicicum (Boiss.) Dammer

balansae Planchon var *macrophyllum* Siehe, *byzantinum* Ker Gawler var *cilicicum* Boiss.

Turkey, Syria, Lebanon; flowers pale lilac-purple to deep rosy purple, occasionally lightly tessellated, autumn flowering; similar to *byzantinum* Ker Gawler but larger.

cilicicum (Boiss.) Dammer 'Purpureum'

Flower imperial-purple (CC 78b), with small greyish white vein, outside violet-purple (CC 77b).

'Conquest' see 'Glory of Heemstede'

corsicum Baker

Corsica; flower rosy-lilac; similar to *alpinum* DC., but leaves shorter and broader, summer-autumn flowering.

crociflorum Regel see *kesselringii* Regel

cupanii Guss.

glossophyllum Heldr.

N Africa, France, Italy, Greece, Crete; flowers pale to deep purplish pink, anthers purplish black, leaves hairless or rarely ciliate at base, autumn-early winter flowering. (2n=54)

'Daendels'

Zocher & Co.; flowers pale lilac, globular, slightly like 'Autumn Queen'.

'Danton'

Zocher & Co.; flowers purple.

A.M.-B.C. 1927

'Darwin' see *speciosum* Steven 'Darwin'

decaisnei Boiss. see *troodii* Kotschy

'Dick Trotter'

Flower campanula-violet (CC 82b,c) with star-shaped greenish white centre, anthers indian-yellow (CC 17b), late flowering.

'Disraeli'

giganteum Arn. x *bornmuelleri* Freyn

Zocher & Co.; flowers magenta, light centre, as 'Daendels'.

A.M.-B.C. 1931

doerfleri Hal. see *hungaricum* Janka

'E.A. Bowles'

Flowers aster-violet (CC 87b) with star-shaped greenish white centre.

falcifolium Stapf

varians Freyn & Bornm., *serpentinum* Misch., *tauri* Stefanoff, *hirsutum* Stefanoff, *szovitsii* misapplied, *szovitsii* Fischer & Meyer var. *freynii* Stefanoff
S. Russia, Turkey, Iran, Iraq, W. Syria; flowers 1-8, starshaped or narrowly funnel-shaped, perianth white to purplish pink, very narrowly elliptic or narrowly oblanceolate, late winter-early spring flowering.

fasciculare (L.) R. Brown

Syria; flowers starry with narrow segments, white or pale pink, leaves hairless, late winter-spring flowering.

'General Grant'

Flowers pale lilac.

'Giant'

'The Giant'

giganteum Arn. x **bornmuelleri** Freyn

Zocher & Co.; flowers violet, large white base, late flowering.

A.M.-B.C. 1926, F.C.C.-B.C. 1931

giganteum Arn.

illyricum superbum misapplied

Intr. by M. Leichtlin, 1890; flowers pale lilac; close to **speciosum** Steven, but flowers broadly funnel-shaped, not bell-shaped. (2n=40)

A.M.-R.H.S. 1916

'Glory of Heemstede'

'Conquest'

J.J. Kerbert (Zocher & Co.); flowers bright rosy, tessellated, yellowish base.

glossophyllum Heldr. see **cupanii** Guss.

'Gracia'

P. Visser Czn., 1974; flowers light violet-purple (CC 77d), inside of segments violet-purple (CC 77b) with large whitish base.

'Guizot'

giganteum Arn. x **bornmuelleri** Freyn

Zocher & Co.; flowers light purple, inside with white stripe.

A.M.-B.C. 1931

'Harlekijn'

P. Visser Czn., 1988; flowers amethyst-violet (CC 81b,c), topped ivory white, inside centre ivory white with amethyst-violet edge.

hierosolymitanum Feinbrun

S. Turkey, Lebanon, Israel; plain or slightly tessellated pinkish-lilac flowers, autumn flowering.

hirsutum Stefanoff see *falcifolium* Stapf.

hungaricum Janka

doerfleri Hal.

Hungary, Yugoslavia, Albania, Bulgaria, Greece; flowers purplish pink to white, anthers purplish black, leaves ciliate, upper surface sometimes hairy, late winter-early spring flowering.

hungaricum Janka forma *albiflorum* Maly

Flowers white, late winter-early spring flowering.

'Huxley' see *speciosum* Steven 'Huxley'

hydropyllum Siehe see *szovitsii* Fischer & C. Meyer

illyricum superbum misapplied see *giganteum* Arn.

imperatoris-frederici Siehe see *kotschy* Boiss.

kesselringii Regel

crociflorum Regel, *regelii* Stefanoff

Soviet C Asia, C Afghanistan; flowers pale to deep red-purple central stripes, tube red-purple, leaves hairless or margins slightly rough, early spring-summer flowering. (2n=54)

kotschy Boiss.

candidum Boiss. var *hirtiflorum* Boiss., *imperatoris-frederici* Siehe, *persicum* Baker

Turkey, Iran, Iraq; flowers white to purplish pink, late summer-autumn flowering.

laetum Steven

Close to *autumnale* L., flowers smaller, with shortly decurrent stigmas, not, or rarely cultivated. (2n=42)

laetum hort. non Stearn

Probably close to *byzantinum* Ker Gawler with many star-shaped narrow segments, pale purplish pink flowers.

latifolium Sibth. & Smith see *bivonae* Guss.

'Lilac Bedder'

P. Visser Czn., 1974; flowers light violet-purple (CC 77c), veined somewhat darker, segments amethyst-violet inside (CC 81d), base white.

T.G.A.-B.C. 1974, A.M.-B.C. 1975, F.C.C.-B.C. 1976

'Lilac Wonder'

giganteum Arn. x *bornmuelleri* Freyn

Zocher & Co.; flowers lilac-rose, late flowering.

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

COLCHICUM

'Little Woods'

Close to *autumnale* L., pointed perianth segments, lilac-purple.

longiflorum Castagne

neapolitanum Ten.

S Europe; flowers slightly smaller, pale mauve, perianth tube pale mauve to white, anthers and pollen cadmium-yellow, leaves shorter; close to *autumnale* L.

lusitanicum Brot.

SW Europe, N Africa; flowers lightly tessellated, anthers pale or deep purplish black; close to *autumnale* L. (2n=c. 110)

luteum Baker

Afghanistan, N India, Soviet C Asia, SW China; flowers pale to deep yellow, tube sometimes purple-brown, spring-summer flowering. (2n=38)

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

macrophyllum B.L. Burt

Greece (Crete, Rhodes), SW Turkey; flowers lilac-purple to rosy purple, tessellated, often paler or white in throat, leaves hairless, autumn flowering.

'Magnificum' see *bornmuelleri* Freyn *'Magnificum'*

'Maximum' see *speciosum* Steven *'Maximum'*

micranthum Boiss.

NW Turkey; flowers white to pale purplish pink, leaves hairless, autumn flowering.

'Mr. Kerbert' see *'W. Kerbert'*

montanum L. var. *pusillum* (Sieber) Fiori see *pusillum* Sieber

'Nancy Lindsay'

Close to *autumnale* L., flowers deep lilac.

neapolitanum Ten. see *longiflorum* Castagne

'Ordu' see *speciosum* Steven *'Ordu'*

pannonicum Griseb. & Schenk

Rumania (Transsylvanian Alps); flowers bright mauve-violet with a white line starting at the base of each segment, perianth tube long, deeper coloured, close to *autumnale* L., autumn flowering.

parkinsonii J.D. Hook. see *variegatum* L.