

'Lorelei'

I.V.T., intr. by Bruinsma, 1981; flowers inside roseine-purple (CC 68b) with purple veins on white ground; outside spotted mallow-purple (CC 72d) with roseine-purple spot at the edge, flower-tube creamy white.

'Luciana'

J.A.M. Goemans, intr. by M.C. van Staaveren, 1970; flowers inside methyl-purple (CC 85a), towards centre paler, outside methyl-purple (CC 85a), slightly tinted purple. (2n=45)

'Lucille' (B)

Horti Partners; flowers semi-double, outside flower-tube barium-yellow (CC 10a); inside throat buttercup-yellow (CC 12b) with indian-yellow (CC 17a) stripes, petals lemon-yellow to buttercup-yellow (CC 13b/12b), median petal with cadmium-orange blotch (CC 23a), filaments white.

'Lydia' (B)

Wülfinghoff, 1987; flowers inside lilac-purple (CC 74c) to mallow-purple (CC 73a) with claret-rose spots at the edge, throat primrose-yellow, centre lemon-yellow; outside lilac-purple flamed beetroot-purple, flower-tube amber-yellow with mallow-purple spots round the throat.

'Madame Blanc' (B) Mont Blanc

Van den Berg-Floriade, 1979; flowers inside white, throat lemon-yellow; outside white, veined ivory white, flower-tube barium-yellow.

'Magdalena' (B)

A. Valstar, 1976; flowers inside lemon-yellow (CC 12a) to straw-yellow (CC 13c), spotted indian-yellow at the edge; outside indian-yellow, veined ivory white, flower-tube straw-yellow.

A.M.-B.C. 1981

'Malo' see '*St. Malo*'

'Marathon'

M. Penning & Sons, 1974; flowers aureolin (CC 12b/c), to the edges darker blotches, outside tube greenish yellow, veined greenish white.

A.M.-B.C. 1974

'Marcota'

N.M. van den Berg, 1983; flowers inside edged signal-red (CC 43a) with a broad brick-red tinted blotch, throat buttercup-yellow with blood-red veins on lower petals; outside tomato-red with fuchsin-red vein; flower-tube pale yellow.

Marianne see '*Osred*'

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'Marie'

'Princess Irene'

L. Lievaart, 1940; flowers ivory white, yellow throat. ($2n=44$)
A.M.-B.C. 1949

'Marina Sophia'

J.A.M. Goemans, intr. by M.C. van Staaveren, 1961; flowers sea-lavender-violet (CC 637/2), throat white, veined violet, on lower segments aureolin patches. ($2n=44$)
A.M.-B.C. 1961, A.M.-R.H.S. 1961

'Maritiem'

M. Penning & Sons, 1986; flowers inside campanula-violet (CC 82c), throat ivory white veined, centre cadmium-orange; outside campanula-violet (CC 82c), flower-tube tawny-yellow changing into bluish white.

'Markant'

N.M. van den Berg, 1979; flowers inside with a broad orient-red veined edge (CC 42a), throat lemon-yellow with reddish spotted edge; outside spotted burnt-orange (CC 31b), flower-tube sulphur-yellow, veined roseine-purple.
A.M.-B.C. 1979

'Mars'

I.V.T., 1974; flowers cobalt-violet (CC 78c), towards centre pastel-mauve (CC 69d)
A.M.-B.C. 1974

'Marva'

A. van den Berg, 1977; flowers inside mineral-violet (CC 76a), inner petals edged somewhat darker, throat pale mineral-violet, deep in the throat yellow; outside amethyst-violet (CC 84a), flower-tube whitish with violet.

'Maryon'

G.H. Dalrymple; flowers lavender-blue with white centre. ($2n=22$)
A.M.-B.C. 1936, A.M.-R.H.S. 1935

'Maywood' (B)

G. van Veen, intr. by J. van der Bos & Sons, 1987; inside mineral-violet (CC 76a), edged aster-violet (CC 87c), throat ivory white with purple vein, centre yellow; outside mineral-violet with paler midrib.

'Mazurka'

M. Penning & Sons, 1977; flowers semi-double, inside sea-lavender-violet (CC 85d) to the edge changing into methyl-violet (CC 85b); outside methyl-violet (CC 85a) with purple-white midrib, flower-tube whitish violet.

'Melanie'

M. Penning & Sons; flowers inside neyron-rose on golden-yellow ground, centre lemon-yellow, veined brown-red, outside tube primrose-yellow, segments empire-rose, veined fuchsin-purple on aureolin ground, semi double.

A.M.-B.C. 1975

'Memoria'

seedling of *alba* (G.L. Meyer) Gumbleton

Noburu Saeki, 1964; flowers pure white with yellow at base of throat, much taller than *alba* (G.L. Meyer) Gumbleton.

'Menuet' (B)

Wülfinghoff, 1984; flowers inside aureolin (CC 12b) to lemon-yellow (CC 13a), cadmium-orange blotches at the edge; outside lemon-yellow with broad white vein with purple midrib.

'Messina'

F. Rijnveld, 1958; flowers indian-yellow (CC 17), edged orange.

A.M.-B.C. 1964

metelerkampiae L. Bolus see *corymbosa* (N.L. Burman) N.E. Br.

Meteor see '**Vameto**'

Michelle see '**Richaumet**'

middlemostii W. Barker see *leichtlinii* Klatt

Mirabel see '**Vamigel**'

'Miranda' (B)

M.C. van Staaveren, 1971; flowers white. (2n=43)

A.M.-B.C. 1971, T.G.A.-B.C. 1974, F.C.C.-B.C. 1974, A.M.-R.H.S. 1979

Montana see '**Vawilo**'

Mont Blanc see '**Madame Blanc**'

'Montmartre'

J.M. Richon, intr. by Wülfinghoff, 1974; flowers inside fuchsin-purple (CC 67b), centre white, veined reddish, outside tube whitish, segments edged fuchsin-purple.

A.M.-B.C. 1974

'Moonlight'

W. Scheffers; flowers empire-yellow (603/2), edged somewhat darker.

A.M.-B.C. 1959

'Morning Star' (B)

R.A. Goemans, intr. by Wülfinghoff, 1975; flowers primrose-yellow (CC 4d) to ivory white, deep in throat lemon-yellow.

A.M.-B.C. 1971

'Morra'

Wülfinghoff, 1980; flowers slightly semi-double, inside barium-yellow (CC 10c), edged aureolin (CC 12b/c) on lower petals ivory white blotch; outside aureolin (CC 12a) with cadmium-orange blotch and greyish white midrib.

'Mosella'

M. Penning & Sons, 1989; flower-tube mimosa-yellow (CC 8c), petals ivory white (CC 155a/b/c), outside blotched magnolia-purple (CC 70b), outer petals blotched beetroot-purple (CC 71c/d) with yellow-green glow (CC 145c), inside with malva-purple margins (CC 72c/67b), lower petals striped magnolia-purple (CC 70b) or Indian-lake (CC 59b), throat Indian yellow (CC 17b), filaments and style ivory white, anthers purple (CC 77a/79c).

Moya see 'Vacrona'

'Mozart'

W. Scheffers; flowers bishop-violet (34/3), white centre, outside tinged somewhat purplish. (2n=44)

A.M.-B.C. 1958, F.C.C.-B.C. 1964

muirii N.E. Br. see *leichlinii* Klatt

'Nancy' (B)

Horti Partners, 1989; outside flower-tube Naples-yellow (CC 11c), petals methyl-violet (CC 88b) with greenish white blotches (CC 157d); inside dauphin's-violet (CC 90d) with darker margins (CC 90a), throat ivory white (CC 155b) met some dauphin's-violet veins, base lemon-yellow (CC 14b).

'Napoli' (B)

M. Penning & Sons, 1989; flowers inside ivory white (CC 155c) with small lemon-yellow throat (CC 13a), on middle lower petals narrow lemon-yellow stripe, veins clearly visible, anthers mimosa-yellow (CC 8d); outside flower-tube mimosa-yellow (CC 8c) with green-yellow glow (CC 1c), petals ivory white (CC 155b), midvein with chartreuse-green glow (CC 1c).

'Nirwana' (B)

Wülfinghoff, 1986; flowers inside naples-yellow (CC 11a), edged lemon-yellow with a broad yellowish white vein; outside aureolin (CC 12a), flower-tube aureolin.

'Novella'

M. Penning & Sons, 1975; flowers mimosa-yellow (CC 8c), edged lemon-yellow (CC 13b).

A.M.-B.C. 1975

'Oberon'

M. Penning & Sons, 1974; flowers inside orient-red (CC 42a/c) on yellow ground, throat lemon-yellow, with small red veins, outside tube greenish yellow, spotted red, segment brown-red, with a rosy-red vein.

A.M.-B.C. 1978

'Odense'

F. Rijnveld, 1962; flowers outside aureolin (3), inside barium-yellow (503/3), edged darker, to throat somewhat aureolin. (2n=44)

A.M.-B.C. 1962, F.C.C.-B.C. 1964, A.M.-R.H.S. 1965

odorata Klatt see *corymbosa* (N.L. Burman) N.E. Br.

'Olympus'

Wülfinghoff, 1984; flowers inside white, centre lemon-yellow; outside ivory white with vague greenish vein.

'Onyx'

J.M. Richon, intr. by Wülfinghoff, 1972; flowers inside brown-red (CC 34a), throat aureolin veined brown-red, outside tube yellowish, segments brown-red with purple glow.

A.M.-B.C. 1970, T.G.A.-B.C. 1972

'Ophir'

N.M. van den Berg, intr. by J. van der Bos & Sons, 1988; flowers inside mimosa-yellow (CC 8c) to primrose-yellow (CC 4d), throat straw-yellow (CC 13c), on some petals saffron-yellow vein; outside mimosa-yellow (CC 8b), veined primrose-yellow (CC 4d), flower-tube straw-yellow to amber-yellow (CC 13c/d).

'Orange Favourite'

J.A.M. Goemans; flowers buttercup-yellow (5), flushed with orpiment-orange (10), violet veins on outside. (2n=43)

A.M.-B.C. 1958, F.C.C.-B.C. 1959, A.M.-R.H.S. 1957

'Orange Sun'

A. van den Berg Czn.; flowers bronzy orange, outside carmine. (2n=44)

A.M.-B.C. 1947

'Orange Wonder'

F. Rijnveld, 1963; flowers inside chinese-yellow (606), segments cadmium-orange (8), outside indian-yellow (6/2), fading into chinese-yellow, with a broad greyish violet nerve. (2n=44)

A.M.-B.C. 1963, T.G.A.-B.C. 1965, H.C.-R.H.S. 1965, F.C.C.-B.C. 1966

Orca see 'Valorca'

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'Orient' (B)

M. Penning & Sons, 1986; flowers inside turkey-red (CC 42a), glowing spinel-red, throat lemon-yellow (CC 13b) with reddish veins; outside signal-red (CC 43a) with fuchsin-red vein; flower-tube chrome-yellow (CC 15c) changing into naples-yellow (CC 11c) with fuchsin-red vein.

'Orion'

M. Penning & Sons, 1974; flowers semi-double, inside mimosa-yellow (CC 8c/d), in throat lemon-yellow blotches, outside with a small greenish white vein.

A.M.-B.C. 1974

'Orpheus'

M. Penning & Sons, 1974; flowers inside white, some segments with primrose-yellow blotches, centre lemon-yellow, outside white, with green-yellow vein.
A.M.-B.C. 1974

'Osblur' Blondy

C. van Os, 1984; flowers inside mineral-violet (CC 69b/c), throat creamy white with purple veins and methyl-purple basal blotches, centre saffron-yellow; outside mineral-violet (CC 76c) with violet-purple vein at top.

'Oscar'

M. Penning & Sons, 1974; flowers campanula-violet (CC 82c/d), edged spectrum-violet (CC 82a), centre white, veined violet, deep in throat yellow, veined ruby-red, exterior tube greenish white with brown veins.
A.M.-B.C. 1975

'Ospink' (B) Pink Glow

C. van Os, 1979, inside roseine-purple (CC 68b) with azalea-pink glow to the throat, throat yellowish white with blood-red veins; outside rose-bengal (CC 61d) tipped roseine-purple, flower-tube spotted rose-bengal (CC 57c), paler to the base.

'Osred' (B) Marianne

C. van Os, 1981; flowers inside tomato-red (CC 44a) with violet-red glow, throat lemon-yellow with blood-red vein; outside brown-red, veined fuchsin-red, flower-tube lemon-yellow.

'Ostara' (B) Yellow Ballet

C. van Os, intr. by M.C. van Staaveren, 1983; flowers inside lemon-yellow, edged saffron-yellow; outside lemon-yellow (CC 14b) with greenish white midrib; flower-tube barium-yellow (CC 10c) to lemon-yellow.

'Ostro' Golden Rocks

C. van Os, 1979; flowers inside indian-yellow (CC 17c), edged cadmium-orange, throat yellow with short cadmium-orange vein; outside indian-yellow (CC 17c), edged darker, flower-tube aureolin.

A.M.-B.C. 1981

'Ouverture'

M. Penning & Sons, 1972; flowers semi-double, phlox-pink (CC 62b), edged rhodamine-pink (CC 62a), segments pale yellow, veined carmine-red.

'Pallas' (B)

Wülfinghoff, 1981; flowers semi-double, inside claret-rose (CC 50b) with fuchsin-purple spots at top, throat pale barium-yellow with delicate red veins; outside spiraea-red (CC 63a), some petals edged scarlet, flower-tube pale primrose-yellow.

'Pamela' (B)

Horti Partners, 1987; flowers inside white to ivory white, centre lemon-yellow (CC 13a); outside white, flower-tube yellowish white.

'Panama' (B)

J.A.M. Goemans, 1981; flowers inside roseine-purple (CC 68a) to spiraea-red (CC 63a), throat white, veined purple, centre buttercup-yellow; outside roseine-purple (CC 68b), flower-tube ivory white.

A.M.-B.C. 1981

Pandora see 'Vaparos'

'Paradiso'

A. van den Berg Gzn., 1953; flowers inside cyclamen-purple (CC 74a), tinted tyrian-purple, in throat chrome-yellow, outside tube creamy-yellow, segments cyclamen-purple (CC 74a), towards tube slightly tyrian-purple. (2n=45)

A.M.-B.C. 1965

parva N.E. Br. see *caryophyllacea* (N.L. Burman) N.E. Br.

'Pavane'

A. van den Berg Gzn., 1972; flowers methyl-violet (CC 85a), ivory white to throat.

'Pax'

Van Zanten Bros, 1976; ivory white, deep in throat somewhat yellowish.

'Perlita'

N.M. van den Berg, 1986; flowers inside ivory white with lemon-yellow centre (CC 13b); outside white with chartreuse-green vein, flower-tube greenish white.

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'Pico'

G. van Veen, 1976; flowers inside ivory white, deep in throat somewhat yellow; outside flower-tube ivory white with somewhat green, on outer petals a pale green greyish vein.

'Pimpernel'

A. van den Berg Gzn., 1945; flowers burnt-orange (014), with indian-yellow (6/1) in throat and red veins, outside red, slightly crimson shaded. (2n=44)
A.M.-B.C. 1960

Pink Glow see 'Ospink'

'Pinkola'

J.A.M. Goemans, 1962; flowers outside magenta-rose (027), to the tube striped creamy, inside magenta-rose (027/1), throat creamy, veined purple, yellow blotch on lowest segment. (2n=44)
A.M.-B.C. 1962

'Pink Westland' (B)

Horti Partners, 1987; flowers semi-double, inside mallow-purple (CC 73a) with beetroot-purple glow (CC 71d), throat white, veined mallow-purple, centre pale yellow; outside mallow-purple to magnolia-purple, flower-tube chartreuse-green to yellowish white.

'Pioneer' (B)

Wülfinghoff, 1984; flowers inside aureolin (CC 12b) with indian-yellow blotches at the edge; outside lemon-yellow (CC 14a) with broad ivory white vein.

'Pluto' (B)

Wülfinghoff, 1987; flowers inside aureolin (CC 12a), edged saffron-yellow (CC 21a), cadmium-orange blotches along lowest petals; outside lemon-yellow with broad greyish green midrib.

'Polaris' (B)

Wülfinghoff, 1980; flowers inside ivory white, centre buttercup-yellow; outside ivory white with cream coloured vein, flower-tube amber-yellow.

'Poolzee' (B)

Van der Arend Bros., 1989; outside flower-tube chartreuse-green (CC 1d), petals ivory white (CC 155d) with vague green-yellow midvein on outer petals; inside ivory white (CC 155c) with lemon-yellow throat (CC 13a).

'Poseidon'

I.V.T., intr. by Van den Berg-Floriade, 1977; flowers inside methyl-violet (CC 85a), to the throat paler and changing into ivory white with purple veins; outside methyl-violet (CC 85b), flower-tube greenish yellow.

'President'

J.M. Richon, intr. by Wülfinghoff, 1980; flowers inside nasturtium-red (CC 32b) with reddish brown glow, throat lemon-yellow (CC 14b) with blood-red veins; outside reddish-brown, flamed carmine-rose, flower-tube lemon-yellow (CC 13b).

A.M.-B.C. 1981, A.M.-R.H.S. 1981

'Princess Irene' see '*Marie*'

'Princess Marijke'

A. van den Berg Gzn.; flowers lemon-yellow (4/1), flushed along outer petals poppy-red (16/1). (2n=44)

A.M.-B.C. 1947

'Princess of Wales' (B)

J.A.M. Goemans, intr. by Wülfinghoff, 1983; flowers inside mimosa-yellow (CC 8b), edged aureolin, throat lemon-yellow; outside flower-tube primrose-yellow to canary-yellow.

A.M.-B.C. 1983

Prominence see '*Varodella*'

Rapid Red see '*Varared*'

Red Diamond see '*Varoduro*'

'Red Lion'

I.V.T., 1972; flowers currant-red (CC 46a), centre lemon-yellow (CC 13b).

T.G.A.-B.C. 1973

'Red Panther'

I.V.T., 1975; brown-red, centre lemon-yellow.

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

'Red Pearl'

F. Rijnveld; flowers crimson (22), fading to spiraea-red (25), white throat, yellow spot on lip. (2n=44)

A.M.-B.C. 1958, F.C.C.-B.C. 1959

'Red Ribbon'

Van Zanten, 1976; flowers inside delft-rose (CC 46c/d), throat yellow, veined reddish; outside cardinal-red (CC 53b) with purple glow, flower-tube yellow-ish.

'Red Signal'

F. Rijnveld, 1960; flowers currant-red (CC 47a/b), throat pale yellow with darker midrib, tube yellow.

A.M.-B.C. 1966

'Red Star'

J.M. Richon, intr. by Wülfinghoff, 1974; flowers inside tomato-red (CC 44b), throat lemon-yellow (CC 14b) with red veins, outside tube canary-yellow, segments spiraea-red (CC 63a), edged scarlet.

A.M.-B.C. 1974

refracta (Jacq.) Klatt

hurlingii L. Bolus, *Gladiolus refractus* Jacq., *Tritonia refracta* (Jacq.) Ker Gawler S Africa (SW Cape Province), 1815; flowers with strong spicy scent, dull yellowish brown or green to purple, occasionally pale yellow, with bright orange markings on lower petals and purple veins on throat, spring flowering. (2n=22, 44)

refracta (Jacq.) Klatt var *alba* G.L. Meyer see *alba* (G.L. Meyer) Gumbleton

refracta (Jacq.) Klatt var *odorata* (Klatt) Baker see *corymbosa* (N.L. Burman) N.E. Br.

'Regina'

J.A.M. Goemans, 1962; outside tube canary-yellow (2/1), edged burnt-orange (0014) but with a large vein of china-rose (024/1), inside chrome-yellow (605), with purple dots, edged burnt-orange. (2n=44)

A.M.-B.C. 1962, A.M.-R.H.S. 1965

'Rheinland'

W. Scheffers; flowers burnt-orange (014), tinged purple, in throat cadmium orange (8). (2n=44)

A.M.-B.C. 1959, F.C.C.-B.C. 1964

'Rhodos'

M. Penning & Sons, 1974; flowers semi-double, fuchsin-purple (CC 67a/c), centre white, with a small yellow blotch.

A.M.-B.C. 1974

'Riande' (B)

M. Penning & Sons, 1979; flowers inside mimosa-yellow (CC 8a/b) with cadmium-orange spots and edge, throat mimosa-yellow; outside buttercup-yellow with mimosa-yellow midrib up to the top, flower-tube mimosa-yellow.

A.M.-B.C. 1983, F.C.C.-B.C. 1983

'Ricaster' Castor

M.C. van Staaveren, 1989; outside flower-tube barium-yellow (CC 10c), changing to green-yellow (150d), petals dauphin's-violet (CC 90d); inside dauphin's-violet (CC 90c/d), throat ivory white (CC 155a), throat lemon-yellow (CC 13a).

'Richaldo' (B) Cultresia

J.M. Richon, intr. by M.C. van Staaveren, 1988; flower-tube outside buttercup-yellow (CC 12b), towards petals turning to barium-yellow CC 10b/c), petals buttercup-yellow (CC 12a), edged lemon-yellow (CC 14b), midrib with ivory white glow (CC 155a), petals bent outward, inside buttercup-yellow (CC 12b) some with Indian-yellow glow (CC 17b), filaments, anthers, style and stigma ivory white (CC 155a)

'Richalu' (B) Diva

M.C. van Staaveren, 1989; flower-tube Naples-yellow (CC 11a/b), towards petals ivory to greenish white (CC 155c/157d), petals cyclamen-purple to beetroot-purple (CC 74b/71b); inside cyclamen-purple (CC 74b), throat ivory white (CC 155b), throat lemon-yellow (CC 14a), filaments ivory white, anthers dull spectrum-violet (CC 83c), stigma doge-purple (CC 72b).

'Richaumet' (B) Michelle

J.M. Richon, intr. by M.C. van Staaveren, 1989; flower-tube Dresden-yellow (CC 5d), petals reddish magenta (CC 64b); inside reddish magenta (CC 64b) with fuchsia-purple glow (CC 67b), throat large, greenish white (CC 157c) veined reddish magenta (CC 64b), throat lemon-yellow (CC 14a), filaments ivory white (CC 155c), anthers and stigma plum-purple (CC 79d).

'Rivièra'

A. van de Berg Gzn., 1953; flowers cyclamen-purple (CC 74a), creamy-white towards centre, deep in throat chrome-yellow, tube creamy-white.

'Rodeo'

R.A. Goemans, intr. by Wülfinghoff, 1971; flowers inside Delft-rose (CC 46a), throat pale yellow, veined scarlet-red, outside tube greyish yellow, segments turkey-red (CC 46c).

A.M.-B.C. 1971, T.G.A.-B.C. 1973

'Romany'

J.A.M. Goemans, 1960; flowers heliotrope (636/2), double. (2n=22)

A.M.-B.C. 1960, A.M.-R.H.S. 1960, F.C.C.-R.H.S. 1961

'Rosabella'

Tubergen, 1959; flowers inside rose-red (CC 58b), slightly tinted purple, throat bright yellow, striped purple, outside tube yellow, segments rose-bengal.

Rosabella see 'Varobel'

'Rosalinde'

M. Penning & Sons, 1974; flowers semi-double, inside rose-bengal (CC 57d), centre buttercup-yellow, veined blood-red, outside tube yellow, segments rose-bengal.

A.M.-B.C. 1974

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'Ros Beyaart'

I.V.T., intr. by Van den Berg-Floriade, 1977; flowers inside straw-yellow (CC 13c), edged buttercup-yellow (CC 15b); outside buttercup-yellow (CC 15b), veined whitish, flower-tube whitish yellow.

A.M.-B.C. 1979

'Rose Marie'

J.A.M. Goemans; flowers cyclamen-purple (30/1), with large white centre and white base, feathered somewhat purplish, with yellow blotch on lower segments. (2n=44)

A.M.-B.C. 1961, F.C.C.-B.C. 1964, H.C.-R.H.S. 1965

'Rosé Pascal'

M. Penning & Sons, 1975; flowers semi-double, rhodamine-purple (CC 68d), edged roseine-purple (CC 68a), towards centre whitish; outside fuchsin-purple (CC 67c), tipped greenish.

A.M.-B.C. 1975

'Rosette' (B)

Horti Partners, 1982; flowers semi-double, inside roseine-purple (CC 68a/c), throat cream-white to pale yellow with blood-red veins, yellow blotch on lower petals; outside roseine-purple to fuchsin-purple, flower-tube yellowish white.

'Rosita'

J.A.M. Goemans; flowers white, broadly edged cyclamen-purple (30/1), throat purplish veined with yellow blotch on lowest segments, large. (2n=44)

A.M.-B.C. 1962

'Rossini' (B)

M. Penning & Sons, 1985; flowers inside crimson (CC 52c) to spinel-red (CC 54a) with scarlet blotches, throat buttercup-yellow with scarlet vein; outside spinel-red (CC 54a), glowing carmine, flower-tube barium-yellow, flamed currant-red.

'Royal Blue'

J.A.M. Goemans, intr. by M.C. van Staaveren; flowers campanula-violet (CC 82c/d), throat white, striped campanula-violet. (2n=45)

'Royal Gold'

J.A.M. Goemans; flowers buttercup-yellow (5/1) edged tangerine-orange (9), outside chrome-yellow, edged somewhat darker, large.

A.M.-B.C. 1962, F.C.C.-B.C. 1964

'Rubina'

M.C. van Staaveren; flowers inside burnt-orange (CC 31a/b), lemon-yellow (CC 14) in throat, veined purple, outside tube yellow, striped ruby-red (CC 61a). (2n=43)

A.M.-B.C. 1966, T.G.A.-B.C. 1969

'Rijnveld's Golden Yellow'

'Golden Yellow'

F. Rijnveld, 1946; flowers golden-yellow with orange, large. (2n=44)

A.M.-B.C. 1946, F.C.C.-B.C. 1947

'Rijswijk'

A.P.M. Wülfinghoff, 1963; flowers inside tyrian-purple (727), centre yellow on segments changing into creamy-yellow, with some purple stripes, outside tube greenish yellow changing into tyrian-purple (727).

A.M.-B.C. 1963

'Sabrina' (B)

Wülfinghoff, 1989; flower-tube buttercup-yellow (CC 12b), petals mimosa-yellow (CC 8b/c), vague yellow-green midvein (CC 145b/c); inside sulphur-yellow (CC 6d), throat lemon-yellow (CC 14b), filaments ivory white (CC 155a), anthers and style ivory white to primrose-yellow (CC 155a/4d).

'Safari'

M. Penning & Sons, 1975; flowers inside aureolin (CC 12a/c), blotched cadmium-orange, outside lemon-yellow (CC 13b), veined ivory white.

A.M.-B.C. 1975

'Sailor' (B)

M. Penning & Sons, 1989; outside flower-tube naples-yellow (CC 11b/c), petals methyl-purple to dauphin's-violet (CC 85b/90d), with ivory white blotches (CC 155c) on the flower-tube; inside methyl-violet (CC 85b), with dauphin's-violet margins (CC 90d), throat ivory white (CC 155c), with lemon-yellow centre (CC 14b), filaments and style ivory white (CC 155c), stigma methyl-purple (CC 85c) anthers striped dauphin's-violet (CC 90b).

'Sapphire'

A. van den Berg Gzn.; flowers mauve with white throat. (2n=43)

A.M.-B.C. 1947, H.C.-R.H.S. 1965

'Saturnus'

M. Penning & Sons, 1974; flowers aureolin (CC 12b), edged lemon-yellow, on lower segments orange blotch, outside tube straw-yellow (CC 13c).

A.M.-B.C. 1974

'Savanna'

M. Penning & Sons, 1975; flowers semi-double, inside mimosa-yellow (CC 8d), edged dark yellow, outside sulphur-yellow (CC 6d).

A.M.-B.C. 1975

'Scorpions' (B) Blue Lady

C. van Os, 1987; flowers inside methyl-violet (CC 88c/d), edged darker, throat yellowish white veined violet, centre lemon-yellow (CC 13b); outside mineral-violet with spectrum-violet tip, flower-tube mineral-violet (CC 76a) with bluish white blotches.

'Seagull' (B)

J.M. Richon, intr. by Wülfinghoff, 1987; flowers inside ivory white (CC 155d) with pale primrose-yellow spots along the edge, centre saffron-yellow; outside ivory white with yellowish white vein.

'Serenade'

M. Penning & Sons, 1972; flowers semi-double, tyrian-purple (CC 57c), towards centre pale yellow, veined fuchsia-red.

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

'Shocking Blue'

N.M. van den Berg, 1980; flowers inside methyl-violet (CC 85d), veined violet, throat ivory white, centre lemon-yellow; outside mineral-violet with bronzy midrib, flower-tube straw-yellow.

'Silvia'

M. Penning & Sons, 1972; flowers semi-double, methyl-violet (CC 85a/b), towards centre spotted ivory white, veined purple.

A.M.-B.C. 1974

'Sirius'

M. Penning & Sons, 1986; flowers inside straw-yellow (CC 13c), edged lemon-yellow (CC 13a), centre saffron-yellow; outside lemon-yellow, veined barium-yellow (CC 10d), flower-tube saffron-yellow to barium-yellow.

'Skylon'

A. van den Berg Gzn.; flowers inside violet (CC 8c), edged darker, centre ivory white, veined violet, deep in throat somewhat yellow, outside tube whitish with violet, segments purple-violet.

'Smiles'

H. Carlee; flowers bright rose-pink and white. ($2n=44$)

A.M.-B.C. 1948

'Snowdon' (B)

M. Penning & Sons, 1983; flowers semi-double, inside white, throat creamy white with cadmium-orange vein and centre; outside white with greenish yellow vein, flower-tube tinted indian-yellow.

Snowtop see 'Vablanc'

'Snowflake'

I.V.T., 1972; flowers ivory white (CC 155b)
T.G.A.-B.C. 1973

'Snow Queen'

Vreuvobouw; flowers cream-white, yellow blotches, golden-yellow throat.
(2n=44)
A.M.-B.C. 1943, F.C.C.-B.C. 1944

'Snowstar'

J.M. Richon, intr. by Wülfinghoff, 1975; flowers white, semi-double.

'Snow-white'

Van der Arend Bros., 1989; flowers large, inside ivory white (CC 155c), throat canary-yellow (CC 7c), anthers naples-yellow (CC 11c); flower-tube primrose-yellow (CC 2d), petals ivory white (CC 155b/c), primrose-yellow glow over midvein lower half of petals (CC 2d).

'Solidor'

J.M. Richon, intr. by Wülfinghoff, 1981; flowers inside aureolin (CC 12a), edged lemon-yellow; outside lemon-yellow with white vein, flower-tube empire-yellow.
A.M.-B.C. 1981

'Sonata'

J.A.M. Goemans; flowers outside barium-yellow (503/3), edged buttercup-yellow (5/2), to the throat somewhat lighter. (2n=44)
A.M.-B.C. 1963, T.G.A.-B.C. 1964

'Souvenir'

J.A.M. Goemans; flowers light primrose-yellow with indian-yellow mark, throat suffused with golden-yellow. (2n=45)
A.M.-B.C. 1956, F.C.C-B.C. 1957, A.M.-R.H.S. 1948

sparrmannii (Thunb.) N.E. Br.

Gladiolus sparrmannii Thunb., *Ixia sparrmannii* (Thunb.) Roemer & Schultes S Africa (SW Cape Province); flowers small, not scented, white inside with yellow mark on lower petal and at apex of narrow part of tube, purple flushed on reverse of upper petal and tube, spring flowering. (2n=22)

sparrmannii (Thunb.) N.E. Br. var *alba* (G.L. Meyer) Phillips & N.E. Br. see *alba* (G.L. Meyer) Gumbleton**'Spirit'**

M. Penning & Sons, 1974; flowers aster-violet (CC 87b/d), towards centre ivory white, veined purple, deep in throat somewhat yellow.

Spitfire see 'Varokal'

'Springtime' (B)

Van der Arend Bros., 1988; outside flower-tube buttercup-yellow (CC 12b), petals lemon-yellow (CC 14b), outer petals edged indian-yellow (CC 17a), vein broad, primrose-yellow (CC 2/4), with on outer petals green-yellow glow (CC 150a); inside blotched lemon-yellow and buttercup-yellow (CC 14b/12a), filaments and stigma ivory white (CC 150).

'Staheva' (B) White Star

A. Valstar, 1985; flowers inside white, some petals veined lemon-yellow, centre lemon-yellow; outside white, veined greenish yellow, flower-tube pale primrose-yellow changing into white.

Starfire see 'Vadoril'

'Stella'

J.M. Richon, intr. by Wülfinghoff, 1980; flowers semi-double, inside ivory white to chrome-yellow, deep in the throat blotched lemon-yellow; outside white, flower-tube chrome-yellow to white with yellow-green vein.

Steven Rooks see 'Valduez'

'St. Malo'

J.M. Richon, intr. by Wülfinghoff, 1970; flowers inside lilac-purple (CC 74), towards centre ivory white, veined purple, outside tube greenish yellow, segments mallow-purple (CC 72c).

A.M.-B.C. 1970, T.G.A.-B.C. 1972

'Stockholm'

J. van der Linden, 1948; flowers chrysanthemum-red (824/3), base barium-yellow (502), inside veined chrysanthemum-red on deep yellow. (2n=33)
A.M.-B.C. 1963

'Summerstraight' (B)

A. Koreman, 1986; ivory white with pale primrose-yellow spots around the throat, centre lemon-yellow; outside ivory white to pale primrose-yellow.

'Summertime'

M. Penning & Sons, 1986; flowers inside barium-yellow (CC 10b/c) with broad yellowish white vein; outside barium-yellow (CC 18c) with broad silver-white vein, flower-tube at base naples-yellow, changing into yellowish.

'Sunbeam'

I.V.T.; flowers buttercup-yellow (CC 15a), edged orange.

'Sunday'

I.V.T.; flowers lemon-yellow (CC 13a), edges tinted somewhat orange.

'Sunkist'

F. Rijnveld, 1960; flowers indian-yellow, edged tangerine-orange (9/2). (2n=44)
A.M.-B.C. 1960, F.C.C.-B.C. 1961

Sunrise see 'Varillo'

'Sunrise'

I.V.T.; flowers indian-yellow, edged orpiment-orange.

'Sunspot'

I.V.T.; flowers lemon-yellow, tinted somewhat orange, centre lemon-yellow, tube lemon-yellow.

'Sunvalley'

M. Penning & Sons, 1985; flowers inside aureolin (CC 12a), edged saffron-yellow; outside lemon-yellow (CC 14a) with yellowish white vein, flower-tube straw-yellow to amber-yellow.

'Surprise'

M. Penning & Sons, 1974; flowers semi-double, aureolin (CC 12a), edged lemon-yellow, blotches cadmium-orange, outside tube dresden-yellow.

A.M.-B.C. 1974

'Sympatie'

N.M. van den Berg, 1984; flowers semi-double, inside burnt-orange (CC 170d), tipped violet-red and buttercup-yellow blotch; outside red-brown (CC 169d) with fuchsin vein, flower-tube straw-yellow.

'Tamara' (B)

Wülfinghoff, 1984; flowers semi-double, inside mimosa-yellow (CC 8c/d), centre tinted buttercup-yellow; outside mimosa-yellow (CC 8a) with bluish white vein, flower-tube barium-yellow.

'Thetis' (B)

Horti Partners, 1989; inside ivory white (CC 155 c/d), throat lemon-yellow (CC 14b), anthers mimosa-yellow (CC 8d); outside fl. tube naples-yellow, perianth ivory white (CC 155b), with a primrose yellow glow on outer petals.

'Tirana' (B)

Wülfinghoff, 1984; flowers semi-double, inside mimosa-yellow (CC 8a/c) with white blotches at top and lemon-yellow spots along the edge; outside mimosa-yellow (CC 8c), veined white.

'Titania'

M. Penning & Sons, 1974; flowers semi-double, inside mallow-purple (CC 73a) on mauve ground, centre mimosa-yellow, veined red, outside tube yellow, segments mallow-purple, veined fuchsin-red.

A.M.-B.C. 1974

'Tosca'

M. Penning & Sons, 1974; flowers semi-double, inside mallow-purple (CC 73a/c), striped chrysanthemum, some segments with lemon-yellow blotch, deep in throat yellow, outside tube greenish yellow, segments striped mallow-purple.

'Tsarina' (B)

'Czarina'

M. Penning & Sons, 1985; flowers inside white with lemon-yellow centre; outside white, veined yellow-green (CC 145b), flower-tube greenish yellow.

'Tubergen's Rosa'

Tubergen; flowers clear carmine-pink. (2n=22)

A.M.-R.H.S. 1906

'Uchida'

M.C. van Staaveren, 1970; flowers semi-double, inside campanula-violet (CC 82b), deep in throat somewhat yellow, outside aster-violet (CC 87b). (2n=44)

A.M.-B.C. 1978

'Ural'

G. van Veen, intr. by Wülfinghoff, 1980; flowers semi-double, inside edged amethyst-violet (CC 84a) on violet ground, throat ivory white with lemon-yellow centre, veined purple; outside methyl-violet (CC 85a), edged violet, flower-tube bluish white with cream coloured spots.

A.M.-B.C. 1981

'Vabella' (B) Blue Bell

M.C. van Staaveren, 1983; flowers inside aster-violet (CC 87c), edged purple-violet, throat white, veined purple-violet, centre lemon-yellow; outside methyl-violet, flower-tube barium-yellow to whitish.

'Vabaldi' (B) Aruba

M.C. van Staaveren, 1985; flowers inside campanula-violet (CC 82d), edged spectrum-violet (CC 82a), throat whitish, veined purple-red, centre lemon-yellow; outside amethyst-violet (CC 84a), edged purple-violet, outer petals with doge-purple blotch, flower-tube greenish yellow to mineral-violet.

'Vablanc' (B) Snowtop

M.C. van Staaveren, 1987; flowers inside white, throat vaguely veined greenish, centre aureolin; outside white with green-yellowish vein, flower-tube amber-yellow changing into greenish yellow.

'Vabol' Bolero

M.C. van Staaveren, 1982; flowers semi-double, inside spotted blood-red (CC 45d) to marigold-orange (CC 28c), throat lemon-yellow with blood-red spots; outside brick-red with green-yellow basal blotches, flower-tube buttercup-yellow, veined carmine.

'Vacoro' (B) Golden Wave

M.C. van Staaveren, 1978; flowers semi-double, aureolin (CC 12a), flamed barium-yellow.

'Vacredu' (B) Grace

M.C. van Staaveren, 1987; flowers semi-double, inside primrose-yellow (CC 4d), throat aureolin (CC 12c); outside aureolin, tipped ivory white.

'Vacrona' Moya

M.C. van Staaveren, 1974; flowers semi-double, ivory white, centre veined aureolin, outside tube amber-yellow (CC 13d). (2n=44)

'Vadoril' Starfire

M.C. van Staaveren, 1983; flowers inside tomato-red (CC 44c) to orient-red (CC 42b) with velvet glow, throat lemon-yellow, veined blood-red; outside brown-red (CC 34a), glowing jasper-red, flower-tube aureolin to primrose-yellow.

'Vadubla' (B) White Wings

M.C. van Staaveren, 1981; flowers semi-double, inside ivory white, centre saffron-yellow; outside white with maize-yellow spots at the edge, lower petals with pale yellow vein, flower-tube pale yellow with maize-yellow spots.

'Valduez' (B) Steven Rooks

M.C. van Staaveren, 1989; outside lemon-yellow to straw-yellow (CC 13a/b), petals buttercup-yellow (CC 12a/b), with ivory white midvein (CC 155b); inside canary-yellow (CC 9b), toward throat changing to (CC 9c), throat blotched saffron-yellow (CC 21a), pollen primrose-yellow (CC 4d).

'Valentijn'

A. van den Berg Gzn., 1955; flowers inside amethyst-violet (CC 81c/d), white towards throat, veined purple, outside campanula-violet (CC 82c), tube pale yellow.

'Valeta' (B)

Wülfinghoff, 1986; light violet-purple (CC 77c), edged violet-purple (CC 77b), ivory white blotch, throat ivory white, veined purple, centre lemon-yellow; outside violet-purple to light violet-purple, flower-tube barium-yellow.

'Valiana' Blue Bird

M.C. van Staaveren, 1975; flowers semi-double, inside edged violet (86c), towards centre ivory white, veined violet, deep in throat somewhat yellow. (2n=44)

'Valorca' (B) Orca

M.C. van Staaveren, 1989; flowers double, flower-tube naples-yellow (CC 11b), towards petals greenish white (CC 157d), petals gentian-blue (CC 94c), edged dauphin-violet (CC 90c); inside gentian-blue (CC 94c/d) inner petals slightly crenate, throat indian-yellow (CC 17c), throat flamed ivory white (CC 155c), filaments yellow (sterile), stigma gentian-blue.

'Vameto' (B) Meteor

M.C. van Staaveren, 1983; flowers inside aureolin (CC 12b), edged pale orange, throat greenish; outside lemon-yellow (CC 13b), veined chartreuse-green. F.C.C.-B.C. 1984

'Vamigel' (B) Mirabel

M.C. van Staaveren, 1982; flowers semi-double, inside aureolin (CC 12b), centre lemon-yellow, outside aureolin, inner petals with feathered white vein, flower-tube bronze-yellow.

A.M.-B.C. 1984

'Vaparos' Pandora

M.C. van Staaveren, 1982; flowers semi-double, inside cobalt-violet (CC 78c) with mallow-purple spots; outside mallow-purple (CC 72b), flower-tube greenish white.

'Varared' (B) Rapid Red

M.C. van Staaveren, 1989; outside flower-tube straw-yellow (CC 13c), petals orient-red (CC 42b), blotched tyrian-purple (CC 61b); inside orient-red to oxblood-red (CC 42al/45c), throat buttercup-yellow (CC 12b) with narrow oxblood-red veins (CC 45b), anthers plum-purple (CC 79c) stigma light indian lake (CC 59d).

'Varillo' Sunrise

M.C. van Staaveren, 1987; flowers inside lemon-yellow (CC 13b), primrose-yellow spot at top of middle petals, saffron-yellow blotch in the throat; outside buttercup-yellow (CC 15a) with greenish white vein, flower-tube barium-yellow (CC 10a).

'Varobel' (B) Rosabella

M.C. van Staaveren, 1989; flowers semi-double, flower-tube naples-yellow (CC 11a/b), petals ivory white (CC 155b) edged doge-purple (CC 72b), outer petals nearly completely doge-purple with small lemon-yellow stripes on outer margin (CC 14b); inside beetroot-purple (CC 71c), throat ivory white (CC 155b) with beetroot-purple veins, throat lemon-yellow (CC 14b), stigma amethyst-violet (CC 84c), anthers dull spectrum-violet (CC 83b).

'Varodella' Prominence

M.C. van Staaveren, 1974; flowers brown-red (CC 34c), with yellowish glow, in the throat lemon-yellow (CC 13a) with brown-red veins. (2n=44)

'Varoduro' Red Diamond

M.C. van Staaveren, 1974; flowers inside tomato-red (CC 44b), with crimson blotches, in throat indian-yellow with a small blood-red vein, outside orient-red, veins claret-rose, double. (2n=44)

'Varokal' (B) Spitfire

M.C. van Staaveren, 1986; flower-tube buttercup-yellow to lemon-yellow (CC 12a/13b), towards petals blotched signal-red (CC 42a), petals signal-red (CC 42a) with narrow doge-purple midvein (CC 72a); inside petals brown-red (CC 34a) with broad signal-red margins (CC 42a), throat lemon-yellow (CC 13b) with some brown-red stripes, throat indian-yellow (CC 17c), filaments light buttercup-yellow (CC 11d), anthers dull spectrum-violet (CC 83c), stigma lilac-purple (CC 70a).

'Varosina' Carnaval

M.C. van Staaveren, 1976; flowers semi-double, inside tyrian-purple (CC 61b) to the throat paler; outside flower tube greenish yellow edged dark fuchsia-purple (CC 67a).

'Vavecrem' (B) Vesta

M.C. van Staaveren, 1982; flowers inside mimosa-yellow (CC 8d), flowering up to ivory white, edged barium-yellow, throat aureolin to lemon-yellow; outside outer petals primrose-yellow, inner petals ivory white.

'Vawicor' Concorde

M.C. van Staaveren, 1985; flowers inside white, centre buttercup-yellow; flower-tube primrose-yellow, veined chartreuse-green.

'Vawilo' Montana

M.C. van Staaveren, 1973; flowers ivory white (CC 155d), deep in throat lemon-yellow, outside tube whitish, segments edged fuchsin-purple.

'Vayello' (B) Excelsior

M.C. van Staaveren, 1982; flowers inside aureolin (CC 12a/b), blotched orange; outside lemon-yellow to buttercup-yellow, veined greyish white.

A.M.-B.C. 1983, F.C.C.-B.C. 1983

'Venus' (B)

J.M. Richon, intr. by Wülfinghoff, 1974; flowers inside china-rose (CC 58d), towards centre ivory white with rose-red veins, outside tube pale primrose-yellow, segments edged dark empire-rose (CC 48d).

Vesta see 'Wavecrem'

'Vesuvius'

G. van Veen, intr. by Wülfinghoff, 1977; flowers semi-double, inside orient-red (CC 42a), glowing purple, to the throat indian-yellow (CC 17d) with purple reflection; outside veined tyrian-purple (CC 57a), edged burnt-orange, flower-tube yellow.

A.M.-B.C. 1979, A.M.-R.H.S. 1981

FREESIA

'Vienna' (B)

M. Penning & Sons, 1986; flowers semi-double, inside ivory white with lemon-yellow blotch, veined transparent white; outside ivory white.

'Viking'

sport of '**Stockholm**'

J. van der Linden; flowers inside roseine-purple (CC 68), throat white with purple striations, outside magenta-rose (CC 64b), tube white.

'Washington'

M. Penning & Sons, 1976; flowers semi-double, inside brown-red (CC 34b), throat yellow, veined brown-red; outside brown-red, glowing carmine, flower-tube aureolin (CC 12b/c).

'Welkin'

N.M. van den Berg, 1979; flowers semi-double, inside methyl-violet (CC 95c), edged violet, throat ivory white with narrow violet veins, centre yellow; outside methyl-violet, edged violet (CC 86b).

'Weston'

J.M. Richon, intr. by Wülfinghoff, 1984; flowers inside aureolin (CC 12a) to buttercup-yellow (CC 15a), edged cadmium-orange (CC 23a), throat lemon-yellow, spotted primrose-yellow; outside indian-yellow (CC 17c), veined greyish green, flower-tube canary-yellow.

'White Cloud'

Tubergen; flowers ivory white, yellow in throat.

A.M.-B.C. 1959

'White Delight'

A. Koreman, 1989; flowers inside ivory white (CC 155c) with greenish white edges (CC 157d), throat lemon-yellow (CC 14b), flower cup-shaped; outside flower-tube barium-yellow (CC 10c) fading to ivory white (CC 155b) with green-yellow veins (CC 150d), inner petals ivory white (CC 155b)

'White Dream'

Van Zanten Bros, 1986; flowers inside white, throat mimosa-yellow (CC 8a); outside white, vaguely veined mineral-violet.

'White Lady'

N.M. van den Berg, intr. by Bruinsma, 1983; white, centre canary-yellow; outside white with greenish white vein and some grey spots on inner petals, flower-tube pale greenish-yellow.

'White Madonna' (B)

L. Leerdam, 1989; flowers rather large, flower-tube mimosa-yellow (CC 8c/d), petals ivory white (CC 155c) with green-yellow midvein (CC 150d); inside ivory white (CC 155c) with mimosa-yellow throat (CC 8a/b), anthers barium-yellow (CC 10d).

'White Mountain'

N.M. van den Berg, intr. by J. van der Bos & Sons, 1988; flowers semi-double, inside primrose-yellow (CC 2d), centre canary-yellow (CC 7c); outside primrose-yellow (CC 4b) to ivory white (CC 155d), veined primrose-yellow (CC 2c), flower-tube amber-yellow (CC 18c).

'White Romany'

sport of 'Romany'

M.C. van Staaveren, 1971; flowers ivory white, semi-double. (2n=22)

A.M.-B.C. 1971

'White Sea'

M.C. van Staaveren, 1975; flowers ivory white, deep in throat pale yellow.

(2n=44)

'White Shadow' (B)

G. van Veen, intr. by Van der Arend Bros., 1988; flowers inside ivory white (CC 155b), centre lemon-yellow (CC 14b), outer petals with lemon-yellow blotch; outside ivory white (CC 155b), flower-tube mimosa-yellow (CC 8c) changing into ivory white with greenish glow.

White Star see 'Staheva'

'White Swan'

J.A.M. Goemans; flowers creamy-white, throat at extreme base yellow with pale mauve striations on lower segments. (2n=33)

A.M.-B.C. 1956, F.C.C.-B.C. 1958, A.M.-R.H.S. 1957

White Wings see 'Vadubla'

'Wintergold'

M. Penning & Sons, 1974; flowers inside lemon-yellow (CC 14b), blotched marigold-orange (CC 28b), outside tube lemon-yellow, with purplish white vein.

A.M.-B.C. 1974

xanthospila (DC.) Klatt var *leichtlinii* (Klatt) N.E. Br. see *leichtlinii* Klatt

Yellow Ballet see 'Ostara'

'Yellow Blase' (B)

Van den Berg-Floriade, 1982; flowers inside lemon-yellow (CC 14a) to cadmium-orange (CC 21a), edged orange; outside indian-yellow (CC 17c), edged orange with violet tinted midrib, flower-tube lemon-yellow (CC 13a).

'Yellow Dream'

Penning, 1989; flower-tube sulphur-yellow (CC 6c) with straw-yellow glow (CC 13c), petals canary-yellow (CC 9b) with broad ivory white vein, outer petals with green-yellow glow on midvein (CC 150c); inside canary-yellow (CC 9b), margins of the inner petals with lemon-yellow glow (CC 14b), throat with lemon-yellow blotch (CC 14a/b), filaments and anthers ivory white.

'Yellow Emperor'

Van den Berg-Floriade, 1983; flowers inside mimosa-yellow (CC 8a/b), lower petals edged cadmium-orange (CC 23a), upper petals edged lemon-yellow; outside aureolin (CC 12a) with broad white vein, flower-tube aureolin (CC 12b).

'Yellow Giant'

Van der Veldt, Bros., 1986; flowers inside primrose-yellow (CC 3c) with aureolin blotches at the edge, centre lemon-yellow; outside aureolin (CC 12b), veined white, flower-tube barium-yellow (CC 10b).

'Yellow River' (B)

R.A. Goemans, intr. by Wülfinghoff, 1974; flower inside aureolin (CC 12a/b), outside tube lemon-yellow, veined mimosa-yellow, segments mimosa-yellow (CC 8c).

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

'Yellow Sea' (B)

J.A.M. Goemans, intr. by Wülfinghoff, 1983; flowers inside aureolin (CC 12a), edged lemon-yellow, centre primrose-yellow; outside aureolin with broad whitish vein, flower-tube yellowish.

A.M.-B.C. 1987

'Yellowstone'

Konijnenburg & Mark; flowers inside canary-yellow (CC 9c), edged indian-yellow (CC 17b), outside midrib green-white on chinese-yellow (CC 20). (2n=43)

A.M.-B.C. 1966

'IJsland'

A. Valstar, 1985; flowers inside ivory white, throat primrose-yellow (CC 4d), centre lemon-yellow (CC 14b); outside white, veined yellowish green, flower-tube yellow-green (CC 145c).

'Yvonne' (B)

M. Penning & Sons, 1988; flowers semi-double, inside lemon-yellow (CC 14a) to indian-yellow (CC 17b/c); outside lemon-yellow (CC 14a), veined ivory white with vague greenish yellow glow.

'Zephyr' (B)

Wülfinghoff, 1984; flowers semi-double, inside cream-coloured white, centre lemon-yellow; outside white with pale green vein, flower-tube ivory white with pale orange spots.

'Zodiac' (B)

Wülfinghoff, 1984; flowers semi-double, inside white, centre canary-yellow; outside whitish with greyish green vein, flower-tube chartreuse-green.

A.M.-B.C. 1985

'Zwethlana'

H. Vreugdenhil, 1979; flowers inside aureolin, edged lemon-yellow (CC 13a), with broad primrose-yellow vein, lower petals with orpiment-orange blotch (CC 25a); outside lemon-yellow (CC 13b) veined ivory white.

FRITILLARIA**Fritillaria L.**

Syn: *Korolkowia* Regel

Family: Liliaceae

Literature: The European garden flora I: 187-193, 1986; Flora Europaea 5: 31-34, 1980; Supplement to the dictionary of gardening, 2nd ed.: 309-312, 1969; Flora of Turkey 8: 284-302, 1984; Flora of Iraq 8: 76-82, 1985.

acmopetala Boiss.

S Turkey, Syria, Lebanon, Cyprus, 1874; flowers solitary, marked but not tessellated with reddish brown, leaves linear, greyish green, stem 14-45 cm, April-May flowering. (2n=24)

'Adiyaman' see *persica* L. **'Adiyaman'**

'Adonis' see *meleagris* L. **'Adonis'**

affinis (Schultes) Sealy

lanceolata Pursh, invalid

W N-America, 1980; flowers 1-4 in raceme, broadly bell-shaped, drooping, greenish yellow to purple, tessellated, stem 15-120 cm, spring flowering.

affinis (Schultes) Sealy **'Wayne Roderick'**

lanceolata Pursh, invalid, **'Wayne Roderick'**

Flowers greyed-purple (187a) outside with glaucous overlay, blotched green and unevenly chequered in upper half, inside nectaries yellow-green (144a), chequering more obvious, stem up to 40 cm.

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

'Alba' see *meleagris* L. **'Alba'**

FRITILLARIA

alfredae Post ssp *alfredae*

Lebanon; flowers very narrowly bell-shaped, green, outside glaucous, inside yellowish green, unmarked, leaves not glaucous, stem 10-36 cm, spring flowering.

alfredae Post ssp *glaucoviridis* (Turrill) Rix

haradjianii Briq.

S Turkey, 1979; leaves 9-11, lowest oblanceolate to ovate, spring flowering.

'*Aphrodite*' see *meleagris* L. '*Aphrodite*'

'*Argenteovariegata*' see *imperialis* L. '*Argenteovariegata*'

armena Boiss.

NE Turkey; flowers 1 or 2, dark purplish brown, outside with grey bloom, leaves glaucous, lanceolate, stem 6-20 cm, spring flowering; very much like *pinardii* Boiss.

'*Artemis*' see *meleagris* L. '*Artemis*'

askabadensis M. Micheli see *raddeana* Regel

assyriaca Baker

canaliculata Baker

C Turkey, 1874; flowers 1-4, greenish or brownish purple with green stripes, yellowish inside, greyish outside, stem 15-25 cm, spring flowering; very much like *elwesii* Boiss.

assyriaca misapplied see *uva-vulpis* Rix

aurea Schott

bornmuelleri Hausskn.

Turkey, 1854; flowers solitary, yellow, chequered brown, tessellated brownish, leaves shiny green, stem 10 cm, spring flowering; like *latifolia* Willd. ($2n=24$) A.M.-R.H.S. 1893, F.C.C.-R.H.S. 1989

'*Aureomarginata*' see *imperialis* L. '*Aureomarginata*'

'*Aurora*' see *imperialis* L. '*Aurora*'

bithynica Baker

citrina Baker, *dasyphylla* Baker, *pineticola* O. Schwarz, *schliemannii* Sint.

W Turkey, Greek Islands (Samos, Khios), 1874; flowers 1-6 outside glaucous or yellowish green, rarely with purple markings, inside greenish yellow, leaves greyish green, stem 7-20 cm, March-April flowering. ($2n=24$) A.M.-R.H.S. 1989

bornmuelleri Hausskn. see *aurea* Schott

bucharica Regel

Soviet C Asia, N Afghanistan, 1884; flowers 1-10, pendulous, white with green veins, stem 10-35 cm, spring flowering.

A.M.-R.H.S. 1975

camschatcensis (L.) Ker Gawler

Lilium camschatcense L.

Japan, E Siberia, N America from Alaska to Washington, 1757; flowers 1-8, purple-brown to black, rarely green or yellow, leaves in whorls, stem 15-50 cm, April-May flowering. (2n=24)

canaliculata Baker see **assyriaca** Baker

carduchorum Rix see **minuta** Boiss. & Noë

carica Rix

sibthorpiana misapplied

SW Turkey, 1975; flowers 1-3, yellow, leaves glaucous, stem 5-15 cm, spring flowering.

A.M.-R.H.S. 1989

caucasica Adams

NE Turkey, adjacent Caucasus; flowers 1 or 2, dark purplish inside and outside, with a heavy grey bloom, stem 25 cm, spring flowering; very much like **pinardii** Boiss.

'**Charon**' see **meleagris** L. '**Charon**'

chitralensis hort. see **imperialis** L. var **chitralensis** hort.

cirrhosa D. Don

Himalaya, China; flowers 1-4, purple green or white, variously marked, usually tessellated, stem 20-60 cm, late spring flowering; like **roylei** J.D. Hook.

citrina Baker see **bithynica** Baker

collina Adams

lutea M. Bieb.

USSR (S Russia, Georgia); flowers bell-shaped, yellow with brown tessellation, leaves lanceolate, shining green, stem 10 cm, spring flowering; like **aurea** Schott.

conica Boiss.

S Greece; flowers 1 or 2, conical or bell-shaped, yellow, not tessellated, leaves greyish below, stem 7-25 cm, spring flowering.

'**Contorta**' see **meleagris** L. '**Contorta**'

FRITILLARIA

crassifolia Boiss. & Huet ssp **crassifolia**

Turkey; flowers nodding, broadly bell-shaped to widely open, lime-green, tessellated chestnut-brown inside and outside, leaves very glaucous, stem 5-15 cm, March-April flowering.

crassifolia Boiss. & Huet ssp **kurdica** (Boiss. & Noë) Rix

foliosa Bomh., *grossheimiana* Los.-Losinsk., *karadaghensis* Turrill, *wanensis* Freyn, *kurdica* Boiss. & Noë.

E Turkey, Transcaucasus, W & NW Iran, NE Iraq; flowers yellow or greenish, heavily tessellated brown, usually with green central stripe on each segment, leaves glaucous, stem 6-20 cm, spring flowering.

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

crassifolia misapplied see *hermonis* Fenzl ssp *amana* Rix

'Crown Imperial' see *imperialis* L.

dasyphylla Baker see *bithynica* Baker

davisii Turrill

S Greece, 1940; flowers 1-3, green, heavily tessellated with black or dark brown, leaves shiny green, stem 6-20 cm, April flowering; like *graeca* Boiss. & Spruner.

delphinensis Gren. & Godron see *tubiformis* Gren. & Godron

drenovskii Degen & Stoy.

NE Greece, SW Bulgaria, 1931; flowers 1 or 2, inside purple-brown or green, outside sometimes grey, leaves glaucous, scattered, stem 6-20 cm, April flowering; very much like *pinardii* Boiss.

'*Duplex*' see *imperialis* L. 'Duplex'

eggeri Bornm. see *persica* L.

ehrhartii Boiss. & Orph.

Greece (Aegean area); flowers 1 or 2, outside deepest purple-brown, inside greenish yellow, stem 7-20 cm, spring flowering; very much like *bithynica* Baker but purple flowered.

A.M.-R.H.S. 1939

elwesii Boiss.

S Turkey; flowers 1-4, bell-shaped, brownish purple with clear green stripes, stem 15-55 cm, spring flowering.

epirotica Rix

Greece, 1975; flowers deep brown, bell-shaped, inside tessellated, leaves whorled, stem 10 cm.

'Erasmus' see *latifolia* Willd. 'Erasmus'

'Fasciata' see *imperialis* L. 'Slagzwaard'

'Flava' see *imperialis* L. 'Flava'

foliosa Bomh. see *crassifolia* Boiss. & Huet ssp *kurdica* (Boiss. & Noë) Rix

forbesii Baker

SW Turkey, 1874; flowers 1-3, narrowly bell-shaped, yellow, leaves glaucous, stem 20 cm, spring flowering; very much like *carica* Rix.

gibbosa Boiss.

pterocarpa Stocks

NE Iran, Afghanistan; flowers very pale pink to almost brick-red, spotted or blotched, flattish or open saucer-shaped, leaves lanceolate or linear, stem to 18 cm, March-April flowering.

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

graeca Boiss. & Spruner

S Greece; flowers 1-3, wine purple, leaves glaucous, stem 6-20 cm, spring flowering. (2n=24)

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

graeca Boiss. & Spruner var *gussichiae* Degen & Doerfler see *gussichiae* (Degen & Doerfler) Rix

graeca Boiss. & Spruner ssp *thessala* (Boiss.) Rix

S Albania, Yugoslavia, NW Greece, 1978; flowers 1-3, green, usually lightly tessellated with brown, usually with a clear green stripe to each segment, leaves not very glaucous, stem 25 cm, spring flowering.

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

grayana H.G. Reichb. & Baker

roderickii W. Knight

USA (California); flowers 2-4, greenish to reddish brown, with a cream or green patch at apex outside, leaves shiny green, stem 15-35 cm, spring flowering; very much like *liliacea* Lindl.

grossheimiana Los-Losinsk. see *crassifolia* Boiss. & Huet ssp *kurdica* (Boiss. & Noë) Rix

gussichiae (Degen & Doerfler) Rix

graeca Boiss. & Spruner var *gussichiae* Degen & Doerfler

Yugoslavia, N Greece, Bulgaria; flowers 1-3 in long raceme, green, marked but not tessellated with reddish brown, leaves very glaucous, stem 20-30 cm, spring flowering.

FRITILLARIA

hermonis Fenzl ssp **amana** Rix

crassifolia misapplied

Turkey (Amanus mountains), 1975; flowers 1 or 2, broadly bell-shaped, green, faintly tessellated with brown or purple, leaves shiny green, stem 8-35 cm, spring flowering.

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

hispanica Boiss. & Reuter see *lusitanica* Wikström

imperialis L.

'Crown Imperial'

S Turkey to NW India (Kashmir), 1580; flowers 3-5 in umbel, broadly bell-shaped, red or orange (to yellow in cultivated clones), stem 50-150 cm, spring flowering. (2n=24)

imperialis L. '**Argenteovariegata**'

In cultivation since 1771; flowers red, leaves whitish variegated.

imperialis L. '**Aureomarginata**'

In cultivation since 1665; flowers red, leaves yellow variegated.

imperialis L. '**Aurora**'

Flowers orange-red.

imperialis L. var **chitralensis** hort.

chitralensis hort.

India, 1910; flowers 1-4, clear yellow, stem 50-100 cm, spring flowering; very similar to *raddeana* Regel.

A.M.-R.H.S. 1910

imperialis L. '**Duplex**'

Clusius, Leiden, 1594; flowers in two whorls.

imperialis L. '**Fasciata**' see **imperialis** L. '**Slagzwaard**'

imperialis L. '**Flava**'

In cultivation since 1665; flowers yellow.

imperialis L. '**Kroon op Kroon**' see **imperialis** L. '**Prolifera**'

imperialis L. '**Lutea Maxima**' see **imperialis** L. '**Maxima Lutea**'

imperialis L. '**Lutea**'

In cultivation since 1665; flowers clear yellow with faint purple veins, stem 80-100 cm, April-May flowering. (2n=24)

imperialis L. '**Maxima Lutea**'

imperialis '**Lutea Maxima**'

In cultivation since 1867; flowers yellow, large. (2n=48)

imperialis L. 'Maxima' see *imperialis* L. 'Rubra Maxima'

imperialis L. 'Orange Brilliant'

Flowers orange-brown, large.

imperialis L. 'Premier'

imperialis 'The Premier'

Flowers soft tangerine-orange with faint purple veins, stem 80-100 cm, April-May flowering. (2n=24)

imperialis L. 'Prolifera'

imperialis 'Kroon op Kroon'

Double flowers, one crown sheathed in the other.

imperialis L. 'Rubra Maxima'

imperialis 'Maxima'

In cultivation since 1665; flowers very large, angular, flame-orange with faint purple veins, shaded carmine-purple on reverse of petals, stem 80-100 cm, April-May flowering. (2n=48)

A.M.-R.H.S. 1931, F.C.C.-R.H.S. 1944

imperialis L. 'Slagzwaard'

imperialis 'Fasciata'

Since 1771; flowers brown-red, with fasciated stems.

imperialis L. 'Sulpherino'

Flowers soft tangerine-orange with delicate carmine-purple veins and yellow margin, flushed purplish black on reverse, inside clear tangerine-orange, stem 80-100 cm, April-May flowering.

imperialis L. 'The Premier' see *imperialis* L. 'Premier'

imperialis L. 'William Rex'

Flowers dark bronzy red. (2n=24)

involucrata All.

SE France, NW Italy; flowers solitary, broadly bell-shaped, pale green variously tessellated with purplish brown, stem 15-25 cm, April-May flowering.

japonica Miq.

Japan; flowers drooping, broadly bell-shaped, white, lightly marked and tessellated with brown and purple, leaves linear-lanceolate, stem 5-10 cm, spring flowering.

'Jupiter' see *meleagris* L. 'Jupiter'

karadaghensis Turrill see *crassifolia* Boiss. & Huet ssp *kurdica* (Boiss. & Noë)

Rix

FRITILLARIA

'Kroon op Kroon' see *imperialis* L. 'Prolifera'

kurdica Boiss. & Noë see *crassifolia* Boiss. & Huet ssp *kurdica* (Boiss. & Noë) Rix

lanceolata Pursh, invalid, see *affinis* (Schultes) Sealy

lanceolata Pursh, invalid, '*Wayne Roderick*' see *affinis* (Schultes) Sealy '*Wayne Roderick*'

latakensis Rix

S Turkey, Syria, 1975; flowers 1-4, narrowly bell-shaped, brownish purple with clear green stripes, leaves greyish green, stem 15-55 cm, March-April flowering; very much like *elwesii* Boiss.

latifolia Willd.

nobilis Baker

NE Turkey, USSR (Caucasus); flowers solitary mostly greenish on yellow ground leaves shiny green, stem 10-35 cm, April-May flowering. (2n=24)
A.M.-R.H.S. 1928

latifolia Willd. 'Erasmus'

Flowers olive-green, inside chequered vivid brown.

libanotica (Boiss.) Baker see *persica* L.

lusitanica Wikström

hispanica Boiss. & Reuter

C & S Spain, Portugal; flowers 1-3, pendant, reddish brown shaded with olive (variable), inside yellow, stem 10-50 cm, spring flowering. (2n=24)
A.M.-R.H.S. 1985

'*Lutea*' see *imperialis* L. 'Lutea'

'*Lutea Maxima*' see *imperialis* L. 'Maxima Lutea'

'*Mars*' see *meleagris* L. 'Mars'

'*Maxima*' see *imperialis* L. 'Rubra Maxima'

'*Maxima Lutea*' see *imperialis* L. 'Maxima Lutea'

meleagris L.

Europe, 1572; flowers solitary, very broadly bell-shaped, purple or pink, tessellated all over, to pure white, stem 12-30 cm, April-May flowering. (2n=24)
A.G.M.-R.H.S. 1926

meleagris L. 'Adonis'

J. Eckhart, 1958; flowers creamy white, chequered pale purple.

meleagris L. 'Alba'

White form of *meleagris* L.
A.M.-R.H.S. 1982, F.C.C.-R.H.S. 1989

meleagris L. 'Aphrodite'

J. Eckhart; flowers large, white.

meleagris L. 'Artemis'

J. Eckhart; flowers chequered purple with green.
A.M.-B.C. 1947

meleagris L. 'Charon'

J. Eckhart; flowers mallow-purple (630/1), chequered black.
A.M.-B.C. 1947

meleagris L. 'Contorta'

Since 1865; flowers white, chequered purple; variety with united perianth-segments.

meleagris L. 'Jupiter'

J. Eckhart; flowers erythrone-red (0027/1), chequered red.
A.M.-B.C. 1956

meleagris L. 'Mars'

J. Eckhart; flowers deep purple.

meleagris L. 'Orion'

J. Eckhart; flowers dull purple.

meleagris L. 'Pomona'

Flowers white, chequered pink.

meleagris L. 'Poseidon'

J. Eckhart; flowers large, white, chequered purple.
A.M.-B.C. 1947

meleagris L. 'Praecox'

Since 1612; flowers white.

meleagris L. 'Saturnus'

J. Eckhart; flowers red-violet, large.

meleagris L. 'Venus'

J. Eckhart; flowers pink, chequered grey-purple.

messanensis Raf.

oranensis Pomel

N Africa, Sicily, S Italy, Crete, Greece, 1814; flowers solitary, broadly bell-shaped, green, tessellated with reddish brown, bracts in whorls of 3, stem 15-45 cm, spring flowering. (2n=24)

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

FRITILLARIA

- messanensis** Raf. var **atlantica** Maire
messanensis forma *oranensis* misapplied
Morocco (Atlas mountains); like **messanensis**, but leaves very glaucous, stem 25-45 cm, spring flowering.
- messanensis** Raf. ssp *gracilis* (Ebel) Rix
Yugoslavia, Albania; like **messanensis** but bracts usually alternate.
- messanensis** Raf. forma *oranensis* misapplied see **messanensis** Raf. var **atlantica** Maire
- michailovskyi** Fomin
NE Turkey; flowers 1-4, inside shiny yellow, outside purplish brown, edged bright yellow, stem 10-25 cm, spring flowering.
A.M.-R.H.S. 1983
- micrantha** A.A. Heller
USA (California), 1910; flowers small, rather open, purple and green, leaves in whorls, stem 25 cm.
- minuta** Boiss. & Noë
carduchorum Rix
SE Turkey; flowers 1 or 2, brownish orange, inside netted yellow, leaves shiny green, stem 6-20 cm, April-May flowering; very much like **pinardii** Boiss.
A.M.-R.H.S. 1973
- montana** Hoppe
nigra misapplied, *orientalis* misapplied, *racemosa* Ker Gawler, *tenella* misapplied
S France, Italy, Yugoslavia, N Greece, 1832; flowers 1-3, green, heavily tessellated with blackish purple or brown, stem 16-40 cm, spring flowering. ($2n=18$)
nigra Miller see **pyrenaica** L.
- nigra* misapplied see **montana** Hoppe
- nobilis** Baker see **latifolia** Willd.
- 'Old Gold' see **pyrenaica** L. 'Old Gold'
- olivieri** Baker
Iran; flowers 1-3 in long raceme, bell-shaped, green, marked but not tessellated with reddish brown, leaves usually green, stem 20-40 cm, spring flowering; very much like **gussichiae** (Degen & Doerfler) Rix.
- oranensis** Pomel see **messanensis** Raf.
- 'Orange Brilliant' see **imperialis** L. 'Orange Brilliant'
- orientalis** Adams
tenella M. Bieb.
USSR (Caucasus); flowers solitary, purple, tessellated all over, stem 16-40 cm, spring flowering; like **montana** Hoppe and **meleagris** L.

orientalis misapplied see *montana* Hoppe

'Orion' see *meleagris* L. 'Orion'

pallidiflora Schrenk

USSR (E Siberia), NW China, 1857; flowers 1-6, pale greenish yellow, faintly tessellated with reddish brown, leaves glaucous, stem 10-80 cm, April flowering.
(2n=24)

F.C.C.-R.H.S. 1887

persica L.

eggeri Bornm., *libanotica* (Boiss.) Baker

SE Turkey to W Iran and S to Jordan & Israel, 1573; flowers 7-20 or more in a raceme, narrowly bell-shaped, dark purple, stem 20-150 cm, April-May flowering. (2n=24)

A.M.-R.H.S. 1971

persica L. 'Adiyaman'

Sel. by Tubergen from a population near Adiyaman, Turkey; flowers deep plum-purple, stem 70-100 cm, May flowering.

A.M.-R.H.S 1985

pinardii Boiss.

syriaca Hayek & Siehe

Turkey; flowers 1 or 2, grey or purple with glaucous bloom outside, inside orange, yellow or green, not tessellated, leaves glaucous, stem 6-20 cm, April-May flowering.

pineticola O. Schwarz see *bithynica* Baker

pluriflora Torrey

USA (California); flowers 1-4, drooping or facing outward, pink to pinkish purple, unmarked, stem 18-40 cm, spring flowering.

'Pomona' see *meleagris* L. 'Pomona'

pontica Wahlenb.

S Albania, S Yugoslavia, N Greece, NW Turkey; flowers solitary, inside citron-green (763/3), outside green, marked with brown, stem 15-45 cm, April-May flowering. (2n=24)

A.M.-R.H.S. 1989

'Poseidon' see *meleagris* L. 'Poseidon'

'Praecox' see *meleagris* L. 'Praecox'

'Premier' see *imperialis* L. 'Premier'

'Prolifera' see *imperialis* L. 'Prolifera'

FRITILLARIA

pudica (Pursh) Sprengel

W N-America; flowers 1 or 2, yellow to orange-yellow, leaves shiny green, stem 7-30 cm, spring flowering.

pyrenaica L.

nigra Miller

SC France, NW Spain, 1605; flowers solitary, outside dark purple to brown, heavily tessellated, inside citron-green (763/2), basal half tessellated with brown, stem 15-30 cm, April-May flowering.

A.M.-R.H.S. 1955

pyrenaica L. 'Old Gold'

Colour variation; flowers burnished yellow-fawn without red flecking inside.

racemosa Ker Gawler see *montana* Hoppe

raddeana Regel

askabadensis M. Micheli

NW Iran, USSR; flowers 6-20, pale greenish yellow, leaves shiny green, stem 50-80 cm, April flowering; like *imperialis* L.

A.M.-R.H.S. 1902, A.M.-R.H.S. 1979

recurva Benth.

USA (S Oregon, California), 1875; flowers 3-6, bell-shaped, orange-scarlet to red, tessellated with yellow, leaves often glaucous, stem 20-90 cm, spring flowering.

F.C.C.-R.H.S. 1879

reuteri Boiss.

C Iran; flowers up to 5, more or less in umbel, cup-shaped, outside purplish brown or green, lower quarter bright yellow, leaves bright green, stem 15-30 cm, spring flowering; like *michailovskyi* Fomin.

roderickii W. Knight see *grayana* H.G. Reichb. & Baker

'*Rubra Maxima*' see *imperialis* L. 'Rubra Maxima'

ruthenica Wikström

USSR (European Russia, W Siberia), 1826; flowers 1-3, green, heavily tessellated with blackish purple or brown, stem 16-40 cm, March-April flowering; very much like *montana* Hoppe. (2n=18)

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

'*Saturnus*' see *meleagris* L. 'Saturnus'

schliemannii Sint. see *bithynica* Baker

sewerzowii Regel*Korolkowia sewerzowii* (Regel) Regel

Soviet C Asia, NW China; flowers 4-12 in long raceme, each bell widely flaring and open at the mouth, varying from green infused with brown to deep red-brown, yellowish to brick-red inside, stem 15-20 cm, spring flowering.

F.C.C.-R.H.S. 1887

sibthorpiana (Smith) Baker

Greece (Symi), SW Turkey; flowers 1-3, yellow, leaves greyish green, stem 10-30 cm, April flowering; very much like *carica* Rix.

sibthorpiana misapplied see *carica* Rix'*Slagzwaard*' see *imperialis* L. '*Slagzwaard*'*stenanthera* (Regel) Regel

Soviet C Asia; flowers pale pink, widely flared at mouth, tinged purple, not tessellated, leaves greyish green, stem 10-15 cm, April flowering; like *bucharica* Regel.

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

stribryni Velen.

Bulgaria & Yugoslavia (Macedonia); flowers nodding, narrowly bell-shaped, outside blackish purple, glaucous, inside purplish red, with golden median stripe, lower leaves oblong-lanceolate, remainder narrower, stem 20-40 cm. ($2n=24$)

'*Sulpherino*' see *imperialis* L. '*Sulpherino*'*syriaca* Hayek & Siehe see *pinardii* Boiss.*tenella* M. Bieb. see *orientalis* Adams*tenella* misapplied see *montana* Hoppe'*The Premier*' see *imperialis* L. '*Premier*'*thunbergii* Miq.*verticillata* Willd. var *thunbergii* (Miq.) Baker

Japan, widely cultivated in China & Japan, about 1880; flowers 2-6, white, faintly tessellated or veined with pale purple, leaves greyish green, stem 30-80 cm, spring flowering.

tubiformis Gren. & Godron*delphinensis* Gren. & Godron

France, Italy (SW Alps); flowers very broadly bell-shaped, pale to dark reddish purple, tessellated, grey outside, leaves lanceolate, glaucous, stem 4-35 cm, spring flowering; like *latifolia* Willd.

FRITILLARIA

ussuriensis Maxim.

USSR (E Siberia); flowers dark purple, chequered, leaves cirrhose (with ten-drills), stem 20-30 cm, April-May flowering.

uva-vulpis Rix

assyriaca misapplied

E Turkey, N Iraq, W Iran, 1975; flowers solitary, outside purplish grey, edged yellow, glaucous, inside yellowish, leaves shiny green, stem 10-35 cm, March-April flowering; like *assyrica* Baker.

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

'Venus' see *meleagris* L. 'Venus'

verticillata Willd.

NW China, USSR (E Siberia); flowers 2-6, large, white, faintly tessellated or veined with green, stem 30-80 cm, April-May flowering; very much like *thunbergii* Miq.

verticillata Willd. var *thunbergii* (Miq.) Baker see *thunbergii* Miq.

walujewii Regel

USSR (Tadzhikistan), NW China; flowers 2-6 inside purple, outside purple or white, stem 30-80 cm, April-May flowering; very much like *thunbergii* Miq.
A.M.-R.H.S. 1987

wanensis Freyn see *crassifolia* Boiss. & Huet ssp *kurdica* (Boiss. & Noë) Rix

'Wayne Roderick' see *affinis* (Schultes) Sealy 'Wayne Roderick'

whittallii Baker

S & W Turkey; flowers yellowish green, tessellated or netted with dark brown, leaves narrow linear, stem 20-30 cm.

'William Rex' see *imperialis* L. 'William Rex'

FUMARIA

Fumaria L. see *Corydalis* Vent.

Family: Papaveraceae

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

bulbosa L. var *solida* L. see *Corydalis solida* (L.) Schwartz

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

GALANTHUS**Galanthus L.**

Family: Amaryllidaceae

Literature: The European garden flora I: 317-319, 1986.

'Albus' see *nivalis* L. 'Poculiformis'**allenii** Baker

No definite wild location known, probably from Caucasus, 1891; outer perianth-segment convex, oblong-elliptic, inner segment flat, not flared at apex, narrowly obovate, each with green patch at apex, leaves strap-shaped to narrowly oblanceolate, dull green and slightly glaucous, March-April flowering; very much like *ikariae* Baker but with dull green leaves, flowers almost scentless.
($2n=24$)

alpinus Sosn.

Caucasus, 1911; outer perianth-segment convex, obovate to broadly obovate, inner segment flat, not flared at apex, narrowly oblong-ovate to obovate, each with green patch at apex, leaves strap-shaped or oblanceolate, glaucous; very much like *caucasicus* (Baker) Grossh., leaves much shorter than those of *caucasicus*, usually only a third to half as long flowers also smaller than *caucasicus* and more globular in shape.

angustifolius Koss see *nivalis* L. ssp *nivalis*

'Arnott's seedling' see 'S. Arnott'

'Atkinsii'*nivalis* L. x *plicatus* M. Bieb.

J. Allen; inner perianth-segment with large green blotch on apex, large outer segments, sometimes produces abundant flowers with 4 outer segments ($2n = 24$).

'Backhouse Spectacles'

A clone similar to 'Atkinsii' with green markings like a pair of spectacles over the inner segments.

'Bitton' see *nivalis* L. 'Bitton'**bortkewitschianus** Koss

Caucasus; perianth white, outer segment convex, obovate to broadly obovate, inner segment flat, not flared at apex, narrowly oblong-ovate to obovate, each with green patch at apex, leaves strap-shaped or narrowly oblanceolate, glaucous, April flowering; very much like *caucasicus* (Baker) Grossh. but with narrower foliage and smaller ranked flowers.

'Boyd's Double' see *nivalis* L. 'Boyd's Double'

'Brenda Troyle'

Flower pure white and contrasted well with the deep yellow green venation inside of the inner perianth-segments; outside perianth dark green blotch, leaves glaucous or glaucescent, slightly plicate.

A.M.-R.H.S. 1960

bulgaricus Velen. see *gracilis* Celak.

byzantinus Baker see *plicatus* M. Bieb. ssp *byzantinus* (Baker) D. Webb
cabardensis Koss see *lagodechianus* Kem.-Nat.

'Cassaba'

Tubergen, 1972; outer perianth-segments white, inner segments tipped green with small white edge, close to *elwesii* J.D. Hook.

caucasicus (Baker) Grossh.

nivalis L. ssp *caucasicus* Baker

Caucasus, 1924; outer perianth-segment convex, obovate to broadly obovate, inner segment flat, not flared at apex, narrowly oblong-ovate to obovate, each with green patch at apex, leaves strap-shaped or narrowly lanceolate, glaucous, late winter-early spring flowering. Also exist a late form, March-April flowering. (2n=24)

A.M.-R.H.S. 1955

caucasicus (Baker) Grossh. var *hiemalis* F. Stern

USSR (Caucasus); outer perianth-segment convex, obovate to broadly obovate, inner segment flat, not flared at apex, narrowly oblong-ovate to obovate, each with green patch at apex, leaves strap-shaped or narrowly lanceolate, glaucous, November-December flowering.

caucasicus (Baker) Grossh. '*Plenus*' see '**Lady Beatrix Stanley'**

'Charmer'

nivalis L. '*Charmer Flore Pleno*'

J. Allen, 1891; inner perianth-segment double, filled in whorls, with green striped inner segments. Probably not in cultivation.

cilicicus Baker see *nivalis* L. ssp *cilicicus* (Baker) Gottl.-Tann.

'Clare Blakeway Phillips'

R.J. Blakeway-Phillips; probably *elwesii* J.D. Hook x *plicatus* M. Bieb., flowers single, outer petals oval with a long basal claw and rounded apex, inner petals with an "x" shaped green mark which fills the outer face of the petal; the area between the top part of the "x's" arms may be solid green and the lower arms reduced, or the area between the lower arms may be solid; the inner petals are clasping and emarginate. Leaves broad reduplicate, glaucous green. Stems up to 15 cm.

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

'Colesborne'

elwesii J.D. Hook. x *caucasicus* (Baker) Grossh.
H.J. Elwes; inner perianth-segment almost entirely green, leaf broad, glaucous.
A.M.-R.H.S. 1951

corycensis (G. Beck) F. Stern see *reginae-olgae* Orph. ssp *reginae-olgae*

corycensis (G. Beck) F. Stern, Corfu-form see *reginae-olgae* Orph. ssp
reginae-olgae

corycensis (G. Beck) F. Stern, Sicilian-form see *reginae-olgae* Orph. ssp
reginae-olgae

corycensis (G. Beck) F. Stern, Yugoslavian-form see *reginae-olgae* Orph. ssp
reginae-olgae

'Cordelia'

H.E. Greatorex; flowers double, with very narrow outer petals and a frilled appearance to the centre of the flower which has a lot of green-marked petals.
Leaves grey-green, with a very prominent midrib below.

'Desdemona'

H.A. Greatorex; flowers double, larger than 'Ophelia'.

'Dionysus'

H.A. Greatorex; double flowered hybrid of *plicatus* M. Bieb.; large flower with heavily and conspicuously green-marked inner petals, leaves grey-green, March-April flowering.

elwesii J.D. Hook.

elwesii var *whittallii* Moon, *graecus* Boiss., *maximus* Velen.
N Greece, Bulgaria, W Turkey, 1874; perianth white, outer segment convex, elliptic to broadly obovate, with separate green patches at base and apex, inner segment oblong, green marking round apex, leaves narrowly lanceolate, glaucous, February-April flowering. A clone with elongated pedicels has been offered as 'Magnet', a name correctly applied to another hybrid. ($2n=24$, 48)

A.G.M.-R.H.S. 1924, A.M.-R.H.S. 1959

elwesii J.D. Hook. ssp *minor* D. Webb see *gracilis* Celak.

elwesii J.D. Hook. var *stenophyllum* Kamari see *gracilis* Celak.

elwesii J.D. Hook. var *whittallii* Moon see *elwesii* J.D. Hook.

'*Flavescens*' see *nivalis* L. 'Flavescens'

'*Flore Pleno*' see *nivalis* L. 'Flore Pleno'

GALANTHUS

fosteri Baker

latifolius Rupr. forma *fosteri* (Baker) G. Beck

Turkey, Lebanon, intr. by M. Foster 1889; outer perianth-segment slightly convex, elliptic to narrowly obovate, inner segment flat, slightly flared at apex, oblong-spathulate, with separate green patches at base and apex, leaves narrowly lanceolate to strap-shaped, bright deep green, early spring flowering. (2n=24)

'Galatea'

J. Allen; large flowered hybrid akin to '**Neill Fraser**'

gracilis Celak.

bulgaricus Velen., *elwesii* J.D. Hook. var *stenophyllus* Kamari, *elwesii* ssp. *minor* D. Webb, *graecus* misapplied

Bulgaria, Greece, Turkey, 1891; outer perianth-segments convex, inner segments flat usually flared at apex with separate green patches at base and apex, leaves glaucous, early spring flowering.

gracilis Celak. '**Highdown**'

Stock from Sir Frederick Stern's garden but not a clone, differs mainly in size from **gracilis**.

graecus Boiss. see *elwesii* J.D. Hook.

graecus misapplied see **gracilis** Celak.

'Grandiflorus'

'*Maximus*'

nivalis L. x *plicatus* M. Bieb.

R.O. Backhouse; a large flowered form of *plicatus* Bieb.

'*Highdown*' see **gracilis** Celak. '**Highdown**'

'Hill Poe'

Probably hybrid of *caucasicus* (Baker) Grossh. Found by Mrs. B. Poe; flowers fully double, with a contrasting pale green ovary, foliage pale erect glaucous. A.M.-R.H.S. 1979.

'Hippolyta'

H.A. Greatorex; flowers double and pendant, the outermost inner petals white with a green spot (CC 143c) round the sinus, anthers orange; petals nearest the centre are mostly green (CC 143c) but are white at the edges, leaves glaucous with reflexed margins.

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

'*Horwick Yellow*' see *nivalis* L. '*Flavescens*'

ikariae Baker

ikariae ssp *latifolius* F. Stern, *ikariae* ssp *snogerupii* Kamari, *latifolius* Rupr.,
platyphyllus Traub & Mold., *woronowii* Los.-Losinsk.

Aegean Islands, N Turkey, N Iran, Caucasus, 1893; outer perianth-segment convex, oblong-elliptic, inner segment flat, not flared at apex, narrowly obovate, each with green patch at apex, leaves strap-shaped to narrowly oblanceolate, bright or deep green, February-April flowering. (2n=24)

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

ikariae Baker ssp *latifolius* F. Stern see *ikariae* Baker

ikariae Baker ssp *snogerupii* Kamari see *ikariae* Baker

'Jaquenetta'

H.A. Graetorex; flowers double, large and green tipped outer segments.

'John Gray'

Sel. by John Gray, named by E.D. Anderson about 1950; fl. very large, inner segments less than half length of outer segments, green markings on inner segments in the form of a cross with the upper, or part nearest the base, filled with green. Leaves linear glaucous very slight keel, early flowering.

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

kemulariae Kuth. see *lagodechianus* Kem.-Nat.

'Ketton'

Intr. by E.A. Bowles; very large flower with very small apical marking on inner perianth-segments, leaves similar to 'Brenda Troyle'.

ketzhovelli Kem.-Nat. see *lagodechianus* Kem.-Nat.

'Kite'

'Maidwell A'

Found by O.E.P. Wyatt; glaucous convolute foliage, large flower with faintly green-tipped outer segments, inner segments with broad green marking, leaving only a thin white line at the base.

'Lady Beatrix Stanley'

'caucasicus' (Baker) Grossh. *'Plenus'*

Intr. by Lady Beatrix Stanley; a double flowered seedling of *caucasicus*, probably crossed with *nivalis* L., flowers with double inner frill with a hint of green mark at the apex, outer segments narrow and long, flat glaucous leaves.

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

'Lady Elphinstone' see *nivalis* L. **'Lady Elphinstone'**

GALANTHUS

lagodechianus Kem.-Nat.

cabardensis Koss, *kemulariae* Kuth., *ketzkhovellii* Kem.-Nat.

USSR (Caucasus), 1947; outer perianth-segment slightly convex, oblongelliptic, inner segment flat, not flared at apex, oblong-spathulate, each with green patch at apex, bold V-shaped, markings at tips, leaves linear, bright, glossy green, early spring flowering. (2n=72)

latifolius Rupr. see *ikariae* Baker

latifolius Rupr. forma *fosteri* (Baker) G. Beck see *fosteri* Baker

'Lavinia'

H.A. Graetorex, flowers double, rosettes somewhat ragged.

'*Lutescens*' see *nivalis* L. 'Lutescens'

'Magnet'

J. Allen, 1889; seedling of 'Melvillei'; flower snow-white, with a long pendulant pedicel, leaves greyish-green, elegant hybrid of *nivalis* L. with very long pedicels (2n=36).

A.M.-R.H.S. 1967

'*Magnet*' misapplied see *elwesii* J.D. Hook

'*Maidwell A*' see 'Kite'

'*Maidwell C*'

Hybrid of *plicatus* M. Bieb.

O.E.P. Wyatt; inner segments pale green, ovary pale green.

'*Maidwell L*'

'*Oliver Wyatt*'

Probably *caucasicus* (Baker) Grossh x *elwesii* J.D. Hook.

O.E.P. Wyatt; large white flower, inner segments with large green marking, foliage glaucous.

'*Maximus*' see 'Grandiflorus'

maximus Velen. see *elwesii* J.D. Hook.

'*Melvillei*'

D. Melville; flowers globular, perianth-segments with slight green markings, tall vigorous hybrid of *nivalis* L.

F.C.C.-R.H.S. 1879

'*Merlin*'

Probably seedling of *caucasicus* (Baker) Grossh.

J. Allen; inner segments nearly wholly dark green with a narrow white edge.
A.M.-R.H.S. 1971

'Mighty Atom'

Probably raised by John Gray, named by E.B. Anderson, flowers single, with very large cupped outer petals, completely covering the inner petals, leaves glaucous, slightly twisted; usually early flowering.

'Mrs Backhouse'

Similar to 'Brenda Troyle' with slightly different mark on inner segments.

'Neill Fraser'

Sel. by P.N. Fraser, named by E.A. Bowles; perianth white, outer segments with dark green blotch, inner segments contrasted with deep yellow-green venation, leaves with greyish bloom, very like 'Brenda Troyle' and 'S. Arnott'.

'Nerissa'

H.A. Graetorex, flowers double, very similar to 'Cordelia' but the central petals with slightly less green marking.

nivalis* L. ssp *nivalis***angustifolius* Koss**

Most of Europe (wild and naturalised); outer perianth-segment convex, elliptic to oblanceolate or narrowly obovate inner segment flat, not flared at apex, narrowly obovate, each with green patch at apex, leaves, linear, glaucous, February-April flowering.

nivalis* L. 'Albus' see *nivalis* L. 'Poculiformis'**nivalis* L. 'Bitton'**

Inner segments with distinct green mark, over pale green, a robust form.

***nivalis* L. 'Boyd's Double'**

Inner and outer perianth segment almost entirely green, segments about 20, narrow and often partly fused together.

nivalis* L. ssp *caucasicus* Baker see *caucasicus* (Baker) Grossh.**nivalis* L. 'Charmer Flore Pleno' see 'Charmer'*****nivalis* L. ssp *cilicicus* (Baker) Gottl.-Tann.*****cilicicus* Baker**

S.W. Turkey; perianth white, outer segments convex, elliptic to oblanceolate or narrowly obovate, inner perianth segments flat, not flared at apex, narrowly obovate, leaves linear, glaucous. November-March flowering. ($2n=24$)

***nivalis* L. ssp *imperati* (Bertol.) Baker**

Italy (near Rome); outer perianth-segments convex, elliptic to oblanceolate or narrowly obovate, inner segments flat, not flared at apex, narrowly obovate, each with green patch at apex, leaves linear, glaucous. ($2n=24$)

GALANTHUS

nivalis L. 'Flavescens'

'Horwick Yellow'

J. Allen; tips of inner perianth-segments with yellow markings.

nivalis L. 'Flore Pleno'

nivalis L. 'Plenus'

In cultivation since 1731, double form of **nivalis L.**, several variants differ in degree of doubling, February-March flowering.

nivalis L. 'Lady Elphinstone'

Found by G. Elphinstone; a double form of **nivalis** with doubled inner segments, with yellow (not green) apical markings.

nivalis L. 'Lutescens'

Harpur-Crewe, 1887; tips of inner perianth-segment yellowish.

nivalis L. 'Maximus'

Tubergen, 1914; sturdy, large flowering form. ($2n=24$)

nivalis L. 'Norfolk Small'

Small flowered clone of **nivalis L.**

nivalis L. 'Pictus' see **nivalis L. 'Viridi-apice'**

nivalis L. 'Plenus' see **nivalis L. 'Flore Pleno'**

nivalis L. 'Poculiformis'

nivalis L. 'Albus'

Sel. by D. Melville named by H. Harpur-Crewe, 1880; inner segments almost as large as the outer segments, usually no green markings on outer face of inner segments.

nivalis L. 'Pusey Green Tips'

Found on the banks of the Thames around Pusey, outer and inner perianth-segments tipped with green, double form of **nivalis L.** February-March flowering.

nivalis L. ssp reginae-olgae (Orph.) Gottl.-Tann. see **reginae-olgae** Orph. ssp *reginae-olgae*

nivalis L. 'Scharlockii'

scharlockii Caspary

Found by J. Scharlock in 1818, named by E.A. Bowles, large flowered form of **nivalis**, usually having two scapes, variant with long separated spathes. ($2n=36$) A.M.-R.H.S. 1968

nivalis L. 'Tiny Tin'

A very small flowered form of **nivalis L.**

nivalis L. 'Viresent'

Found by E. Fenzl; perianth-segments: outer pale green with white margin to tip, inner all green, very rare in cultivation.

nivalis L. 'Viridi-apice'*nivalis* L. 'Pictus'

Sel. by Van Tubergen; inner segments green with white border, outer segments with green blotched apex, more robust than *nivalis* L., February-March flowering. (2n=36)

olgae Boiss. see *reginae-olgae* Orph. ssp *reginae-olgae*

'Oliver Wyatt' see 'Maidwell L'

'Ophelia'

Raised by H.A. Greatorex; this is one of the so-called "Greatorex doubles", slightly loose central frill, surrounded by outer petals.

'Peg Sharples'

R.J. Blakeway-Phillips; segments large, white, inner segments with strong green mark.

'*Pictus*' see *nivalis* L. 'Viridi-Apice'

platyphyllus Traub & Mold. see *ikariae* Baker

'*Plenus*' see *nivalis* L. 'Flore Pleno'

plicatus M. Bieb. ssp *byzantinus* (Baker) D. Webb

byzantinus Baker

Turkey; outer perianth-segment convex, elliptic to obovate, inner segments flat not flared at apex, green patches at base and apex, leaves narrowly oblanceolate to strap-shaped, glaucous, often with paler central band, February-March flowering. (2n=24)

A.M.-R.H.S. 1925

plicatus M. Bieb ssp *byzantinus* (Baker) D. Webb. 'Silverwells'

Flowers white, inner segments marked green at apex and base.

plicatus M. Bieb. ssp *plicatus*

E Romania, USSR (Crimea); outer perianth-segment convex, elliptic to obovate, inner segment flat not flared at apex, oblong-spathulate, with apical green patch, leaves narrowly oblanceolate to strap-shaped, glaucous, early spring flowering.

'*Poculiformis*' see *nivalis* L. 'Poculiformis'

praecox hort. see *reginae-olgae* Orph. ssp *reginae-olgae*

'*Pusey Green Tip*' see *nivalis* L. 'Pusey Green Tip'

GALANTHUS

reginae-olgae Orph. var *coryrensis* hort. see *reginae-olgae* Orph. ssp *reginae-olgae*.

reginae-olgae Orph. ssp *reginae-olgae*

coryrensis (G. Beck) F. Stern, *nivalis* L. ssp *reginae-olgae* (Orph.) Gottl.-Tann., *olgae* Boiss., *praecox* hort., *reginae-olgae* var *coryrensis* hort.

W Turkey, Greece, Sicily, Albania; outer perianth-segment convex, elliptic to narrowly obovate, inner segment flat, not flared at apex, narrowly obovate, each with green patch at apex, leaves linear, flat, upper dull green with central glaucous stripe, lower glaucous, October-November flowering. Variant forms are offered as Silician-form (December-January), Yugoslavian-form (November-December), Corfu-form (September-October), they vary in flowering times. A.M.-R.H.S. 1949

reginae-olgae Orph. ssp *vernalis* Kamari

Yugoslavia, N Greece, Sicily, 1982; perianth-segment: outer convex, elliptic to narrowly obovate, inner flat, not flared at apex, narrowly obovate, each with green patch at apex, leaves linear, flat, upper dull green with central glaucous stripe, lower glaucous, early spring flowering.

rizehensis F. Stern

N Turkey, N Iran; perianth white, outer segment slightly convex, oblong-elliptic, inner segment, flat, not flared at apex, oblong-spathulate, each with green patch at apex, leaves linear, deep green, January to March flowering. (2n=24, 36)

'Robin Hood'

J. Allen, a very vigorous hybrid with large flowers with a prominent green X-mark on inner segments, early flowering.

'S. Arnott'

'Arnott's seedling', *'Sam Arnott'*, *'Samuel Arnott'*

Inner perianth-segment with most distinct heart shaped green markings near apex, leaves greyish green, February-March flowering.

A.M.-R.H.S. 1951; A.M.-B.C. 1955

'Sam Arnott' see **'S. Arnott'**

'Samuel Arnott' see **'S. Arnott'**

scharlockii Caspary see *nivalis* L. **'Scharlockii'**

'Silverwells' see *plicatus* M. Bieb ssp *byzantium* (Baker) D. Webb **'Silver wells'**

'Straffan'

Sel. by Mr. Bedford, 1858 named by E.A. Bowles, very late flowering with pure white outer segments of strong substance, inner segments with a horse-shoe shaped apical mark, usually 2 flower-scapes to each bulb. ($2n=36$)

A.M.-R.H.S. 1968

'Titania'

elwesii J.D. Hook. x *plicatus* M. Bieb.

J. Allen; flowers white with distinct striking foliage.

'Trotter Merlin'

Similar to 'Merlin' but differing slightly in size of green mark of inner perianth-segments.

***transcaucasicus* Fomin**

Caucasus, Iran; outer perianth-segment slightly convex, oblong-elliptic, inner segment flat, not flared at apex, oblong-spathulate, each with green patch at apex, leaves linear, deep green; very similar to *rizehensis* F. Stern (almost certainly same species).

'*Virescens*' see *nivalis* L. 'Virescens'

'Walrus'

Hybrid with very long inner and outer segments, all green tipped.

'Warham'

Brought from the Crimea ab. 1855, intr. by Capt. Adlington; flowers very large, leaves broad and glaucous. ($2n=24$)

A.M.-R.H.S. 1928; F.C.C.-R.H.S. 1937

'Wendy's Gold'

Found in the garden of Wandlebury Ring; flower: outer petals white, broad angel from ovary when fully open; inner petals yellow from ovary to tip and full width of petal; narrow white margin (similar to 'Merlin'), ovary plum shaped, yellow.

'William Thomson'

plicatus M. Bieb x *nivalis* L.

Raised by W. Thomson, named by S. Arnott; flowers pedicel longer than the spathe, outer segments narrower than 'Brenda Troyle'. Markings similar to 'S. Arnott' but a little lighter green than 'Brenda Troyle', leaves like *plicatus* M. Bieb.

woronowii Los.-Losinsk. see *ikariae* Baker

GALTONIA

GALTONIA

Galtonia Decne.

Family: Liliaceae

Literature: M. Rix and R. Phillips, The Bulb Book: 169, 1981.

candicans (Baker) Decne.

Hyacinthus candicans Baker,

S Africa (from SE Transvaal through W Natal), W. Saunders, 1870; flowers 18-55 in raceme, 35-65 cm, pure white or tube pale green outside with very pale green median band running up back of each perianth lobe, leaves 3-8, lorate, tapering very gradually to apex, erect, green to slightly glaucous, August flowering.

princeps (Baker) Decne.

Hyacinthus princeps Baker

S Africa (C Natal to S Transkei); flowers 12-30 in raceme, 20-45 cm, tube pale green, lobes pale creamy-green with pale green median band running up backs of lobes, leaves 4-7, lorate, tapering very gradually to apex, erect, green, August flowering.

A.M.-R.H.S. 1980

regalis Hilliard & Burtt

S Africa (Natal), Lesotho; flowers 8-30 in raceme, 10-30 cm, pale cream yellow, tube greenish, or wholly greenish-cream, leaves 6-9, lorate, tapering abruptly or more gradually, lax, green, August flowering.

viridiflora Verd.

S Africa (from Orange Free State to NE Cape Province), Lesotho; flowers 10-30 in raceme, 9-30 cm, pale green, leaves 4-6, elliptic, at least outer tapering rather abruptly to acute tip, erect, glaucous, August flowering.

GERANIUM

Geranium L.

Family: Geraniaceae

Literature: P.F. Yeo, Hardy Geraniums, 1985.

tuberosum L.

S Europe, Turkey, 1596; inflorescence terminal, branched, with reduced leaves, peduncles 1 to several, flowers large, deep rose-purple to violet, root tuberous with ovoid tubers, May flowering. ($2n=28$)

tuberosum L. 'Charlesii'

Flowers rose.

Geranium tuberosum is traditionally regarded as a "bulbous" plant and as far as known, the only tuberous *Geranium* in cultivation. Therefore, it is listed here for convenience. For other species or cultivars, literature is given above.

GLADIOLUS

Gladiolus L.

Syn: *Acidanthera* Hochst.

Family: Iridaceae

Literature: The European garden flora I: 388-391, 1986.

Only hardy species and dwarf growing early cultivars of *colvillei*, *nanus*, *ramosus*, *tubergenii* and *callianthus* have been listed here.

The North American Gladiolus Council acts as the International Registration Authority for Gladiolus.

'*Albus*' see *colvillei* Sweet 'Albus'

'*Albus*' see *communis* L. ssp *byzantinus* (Miller) Ham. 'Albus'

'*Amanda Mahy*' see *nanus* hort. 'Amanda Mahy'

atrovioletaceus Boiss.

Greece, Turkey, Iraq, Iran; flowers dark dull violet, tube distinctly curved, anthers longer than filaments, early summer flowering. (2n=90)

'*Bel Canto*' see *nanus* hort. 'Bel Canto'

blandus Aiton see *carneus* Delaroche

'*Bride*' see *colvillei* Sweet 'Bride'

byzantinus Miller see *communis* L. ssp *byzantinus* (Miller) Ham.

byzantinus Miller 'Albus' see *communis* L. ssp *byzantinus* (Miller) Ham. 'Albus'

callianthus Marais

Acidanthera bicolor Hochst., *Acidanthera tubergenii* hort.

E Africa (Ethiopia, Somalia, Malawi to S Mozambique); flowers white, all petals except the upper with a purplish red rhomboidal mark near the base, tube slender, curved, anthers rather large, July-August flowering. (2n=30)

A.M.-B.C. 1908, F.C.C.-B.C. 1896

callianthus Marais 'Murielae'

Acidanthera murielae Perry

Intr. by Tubergen; flowers white with purple basal spots, plant over 1 m high.

GLADIOLUS

callianthus Marais 'Zwanenburg'

Acidanthera tubergenii hort. 'Zwanenburg'

Van Tubergen; flowers larger than *callianthus*, early flowering.

A.M.-B.C. 1956, F.C.C.-B.C. 1957

cardinalis Curtis

S Africa (SW Cape Province); flowers bright red, the lower petals with a central whitish mark, anthers shorter than filaments, summer flowering. (2n=30)

carinatus Aiton

S Africa (SW Cape Province); flowers violet-scented, blue, mauve, or brownish-yellow, the lower petals blotched yellow.

A.M.-R.H.S. 1962

carneus Delaroche

blandus Aiton

S Africa (SW Cape Province); flowers white, cream, pale pink or pale pinkish violet, the three lower petals usually with a reddish or yellowish patch, the throat sometimes blotched with red, anthers much shorter than filaments, spring flowering. (2n=30)

caryophyllaceus (N.L. Burm.) Poiret

hirsutus Jacq.

S Africa (Cape Province); spikes loose, flowers bright red. (2n=30)

'Charm' see *tubergenii* hort. 'Charm'

'Charming Beauty' see *tubergenii* hort. 'Charming Beauty'

'Charming Lady' see *tubergenii* hort. 'Charming Lady'

'Christabel'

tristis L. x *virescens* Thunb.

T.T. Barnard; flowers primrose-yellow (601), three upper petals shaded and veined with purple, sweet scented.

A.M.-B.C. 1951, F.C.C.-R.H.S. 1969

colvillei Sweet

colvillii hort.

cardinalis Curtis x *tristis* L.

W. Colville, 1823; flowers red spotted yellow on three lower segments, early summer flowering. (2n=c. 30)

colvillei Sweet 'Albus'

colvillii hort. 'Albus'

sport of *colvillei* Sweet

About 1872; flowers white, on lowest petals yellow stripes, anthers bluish.

colvillei Sweet 'Bride'

colvillii hort. 'Bride', 'The Bride'

sport of **colvillei** Sweet 'Albus'

Sel. about 1891; flowers white, veins green-yellow.

colvillii hort. see **colvillei** Sweet

colvillii hort. 'Albus' see **colvillei** Sweet 'Albus'

colvillii hort. 'Bride' see **colvillei** Sweet 'Bride'

communis L.

Spikes loose, flowers pink to deep purplish red, tube slightly curved, anthers not longer than filaments, stem often with 1-3 branches, early summer flowering. (2n=90, 180)

communis L. ssp **communis**

C & S Europe; flowers rather loosely spaced, usually pink, height not more than 80 cm. (2n=120)

communis L. ssp **byzantinus** (Miller) Ham.

byzantinus Miller

S Spain, Sicily, NW Africa; spikes loose, many flowered, flowers rather closely set, usually deep purplish red, inner segments with white stripes, height 40-50 cm. (2n=60, 90)

communis L. ssp **byzantinus** (Miller) Ham. 'Albus'

byzantinus Miller 'Albus'

Van Tubergen; flowers white.

'Corfe Castle'

(*tristis* L. x *carinatus* Aiton) x (*caryophyllaceus* (N.L. Burm.) Poiret x *liliaceus* Houtt.)

T.T. Barnard, 1959; flowers chartreuse-green, upper petals with broad cyclamen-purple (CC 74a) midrib, top petals striped campanula-violet, in the evening sweet-scented.

A.M.-B.C. 1962, A.M.-B.C. 1966

corymbosus N.L. Burm. see *Freesia corymbosa* (N.L. Burm.) N.E. Br.

'Creech Barrow'

tristis L. x *virescens* Thunb.

T.T. Barnard; flowers inside feathered and spotted pansy-violet on greyish white ground, upper petals with broad cyclamen-purple midrib, on lower petals blotch yellow-green, striped pansy-violet, in the evening sweet-scented.

cuspidatus Jacq. see *undulatus* L.

'Danneborg' see *nanus* hort. 'Danneborg'

GLADIOLUS

'Desiré' see nanus hort. 'Desiré'

'Elvira' see nanus hort. 'Elvira'

'Ernani' see nanus hort. 'Ernani'

'Fabella' see nanus hort. 'Fabella'

'Fair Lady' see tubergenii hort. 'Fair Lady'

'Fantasia' see nanus hort. 'Fantasia'

'Floriani' see nanus hort. 'Floriani'

'Front Page' see nanus hort. 'Front Page'

'Fuselier' see nanus hort. 'Fuselier'

grandis Thunb. see *liliaceus* Houtt.

'Guernsey Glory' see nanus hort. 'Guernsey Glory'

'Halley' see nanus hort. 'Halley'

'Heriodon' see nanus hort. 'Heriodon'

hirsutus Jacq. see *caryophyllaceus* (N.L. Burm.) Poiret

'Hong Kong' see nanus hort. 'Hong Kong'

illyricus Koch

S & W Europe; flowers reddish purple, tube slightly curved, anthers not longer than filaments, early summer flowering. ($2n=60, 90$)

imbricatus L.

C & E Europe, Turkey; spike dense, flowers pinkish red-reddish purple, tube strongly curved near throat, anthers longer than filaments, early summer flowering. ($2n=60$)

'Impressive' see nanus hort. 'Impressive'

italicus Miller

segetum Ker Gawler

S Europe to Afghanistan, extending to NW Africa and Canary Isles; flowers purplish pink to purplish red, outside magenta (27/1), tube nearly straight, anthers longer than filaments, height 40-80 cm, early summer flowering. ($2n=120$, ca. 170)

'Lilac Dream' see nanus hort. 'Lilac Dream'

liliaceus Houtt.

grandis Thunb.

S Africa (S Cape Province), 1780; flowers dresden-yellow (64/2) often with green gloss, sweet-scented, spring-summer flowering.

'Marion' see *nanus* hort. *'Marion'*

'Matisse' see *nanus* hort. *'Matisse'*

'Miranda' see *nanus* hort. *'Miranda'*

'Murielae' see *callianthus Marais* *'Murielae'*

nanus Andrews see *Babiana nana* (Andrews) Sprengel

***nanus* hort.**

This name, adopted by horticulturists, is a later homonym of *nanus* Andrews (Bot. Rep. t. 37); it has been retained on account of its widespread use in horticultural circles as a garden name for a group of dwarf growing early flowering cultivars. ($2n=30, 45, 60$)

nanus* hort. *'Amanda Mahy'

E. Mahy; flowers pale poppy-red (CC 16), carmine-violet blotch with white centre.

T.G.A.-B.C. 1940, A.M.-B.C. 1941, F.C.C.-B.C. 1942

nanus* hort. *'Bel Canto'

Konijnenburg & Mark, 1960; flowers pastel-mauve, (CC 69d), large blotch cyclamen-purple (CC 74a).

nanus* hort. *'Danneborg'

Konijnenburg & Mark, 1970; flowers scarlet (CC 43c) on lowest petals chartreuse-green blotch (CC 1d), tipped scarlet.

***nanus* hort. *'Desiré'* (B)**

seedling of *nanus* *'Elvira'*

J. van Winsen, 1980; flowers ivory-white to cream-white in throat, on lower petals pale apricot-yellow blotch with some brownish red spots, centre carmine-rose spotted.

***nanus* hort. *'Elvira'* (B)**

'Nymph' x *'Heraut'*-seedling

J. van Winsen, 1956; flowers pale phlox-pink (CC 56a), large turkey-red blotches (CC 46c) with pale yellow centre. ($2n=c. 60$)

nanus* hort. *'Ernani'

Konijnenburg & Mark, 1970; flowers neyron-rose (CC 55d), edged empire-rose (CC 48c), blotches tyrian-purple (CC 61c).

***nanus* hort. *'Fabella'* (B)**

seedling of *nanus* *'Elvira'*

J. van Winsen, 1986; flowers vermillion (CC 41b), upper petals scarlet (CC 43b) with vermillion top, on lower petals small scarlet blotch fading into tyrian-purple on naples-yellow ground, yellowish small vein, purple base-spots.

GLADIOLUS

nanus hort. 'Fantasia'

Konijnenburg & Mark, 1960; flowers neyron-rose (CC 55) to the centre pale solferino-purple (CC 65c), blotches purple, veined white.

nanus hort. 'Floriani'

J. van Winsen, 1942; flowers porcelain-rose (620/3), blotches cyclamen-purple (30/1).

nanus hort. 'Front Page'

Konijnenburg & Mark, 1962; flowers carmine-rose (CC 52c/d), darker edged, on lower petals rose-red (CC 58b), blotches tinted violet.

nanus hort. 'Fuselier'

E. Mahy, 1959; flowers dutch-vermilion (CC 40a), blotches roseine-purple slightly edged carmine-red.

T.G.A.-B.C. 1967, A.M.-B.C. 1968

nanus hort. 'Guernsey Glory'

nanus hort. 'Spring Glory'

E. Mahy, intr. by Wülfinghoff; flowers french-rose (CC 49d), feathered pale purple on signal-red edge, large creamy blotches.

nanus hort. 'Halley' (B)

'Nymph' x 'Atom'

J. van Winsen, 1986; flowers primrose-yellow (CC 4d), on inner petals naples-yellow blotch (CC 18d) with carmine-rose vein and cardinal-red (CC 53c) blotches in throat.

nanus hort. 'Heriodon'

H. & J. van der Voet; flowers french-rose (CC 49d), oblong blotches pale cyclamen-purple (CC 74a), edged orange-red.

nanus hort. 'Hong Kong'

Konijnenburg & Mark, 1970; flowers beetroot-purple (CC 71a) on lowest petals pale yellow blotch, feathered purple.

nanus hort. 'Impressive'

E. Mahy, intr. by S. de Goede; flowers french-rose (520), blotch purple rose, edged brown.

A.M.-B.C. 1958, T.G.A.-B.C. 1965

nanus hort. 'Lilac Dream'

seedling of *nanus* 'Elvira'

J. van Winsen, 1985; flowers rose-bengal veined broad edge (CC 57c) on dark azalea-pink ground, on lower petals broad blood-red blotch with yellowish white short vein, yellowish white on rib, blood-red basal spots

nanus hort. 'Marion'

C.A. van der Wereld, 1953; flowers mandarin-red (17), paler throat, purple patch, centre white.

nanus hort. 'Matissa'

Konijnenburg & Mark, 1971; flowers dawn-pink (CC 49c), veined purple.

nanus hort. 'Miranda'

Konijnenburg & Mark, 1971; flowers scarlet (CC 43d), blotch currant-red (CC 46d).

nanus hort. 'Nathalie'

seedling of nanus 'Elvira'

J. van Winsen, 1986; flowers azalea-pink (CC 38a), phlox-pink in throat, on lower petals phlox-pink with cardinal-red centre (CC 53a) with barium-yellow (CC 10) edge.

nanus hort. 'Navajo'

Konijnenburg & Mark, 1960; flowers carmine-rose (CC 52d), blotches purple-red, slightly feathered white.

nanus hort. 'Nimrod'

Konijnenburg & Mark, 1973; flowers azalea-pink (CC 38a), edged rhodamine-pink, lowest petals pale with yellow blotch on fuchsin-purple ground, along the vein somewhat carmine.

nanus hort. 'Nymph'

Van Tubergen, 1914; flower whitish pink, blotches cream-coloured, edged china-rose (024).

F.C.C.-B.C. 1914, T.G.A.-B.C. 1926

nanus hort. 'Peach Blossom'

Raiser unknown, about 1914; flowers rose-pink (427/2) blotches neyron-rose (623/1), with white centre, anthers blue.

nanus hort. 'Pink Beauty'

F.L. Stassen, 1980; flowers venetian-pink (CC 49b), broad creamy white flame with scarlet edge on lower petals, carmine-red centre.

nanus hort. 'Primavera'

Konijnenburg & Mark, 1970; flowers coral-pink (CC 37a), toward centre azalea-pink (CC 38b), blotch rhodamine-purple (CC 68b), with carmine-red centre.

nanus hort. 'Prins Claus'

sport of 'Impressive'

H. & J. van der Voet, 1961; flowers ivory-white (CC 155), on lower segments heart-shaped blotches edged tyrian-purple, centre of blotches with white suffusion.
T.G.A.-B.C. 1965

GLADIOLUS

nanus hort. ‘Prinses Paola’

J.C. Berbee, 1948; flowers neyron-rose (23), tube white, changing to neyron-rose, inside neyron-rose (623/1) with oblong purple blotches on white vein, anthers greyish white with some purple.

A.M.-R.H.S. 1960, T.G.A.-B.C. 1961

nanus hort. ‘Queen Wilhelmina’

E.H. Krelage, 1889; flowers soft rose, large blotches of phlox-pink (623/3), veins yellow edged rose-red (724).

F.C.C.-B.C. 1889

nanus hort. ‘Rita Page’

E. Mahy; flowers pale cherry-red, blotch purple, striped white.

nanus hort. ‘Romantica’

J. van Winsen, 1940; flowers rose-pink (427/1), blotches phlox-pink (625), outside tube rose-opal (022/1).

nanus hort. ‘Rose Fairy’

Konijnenburg & Mark, 1962; flowers neyron-rose (CC 55a), blotches violet-red.

nanus hort. ‘Rosella’

Konijnenburg & Mark, 1962; flowers carmine-rose (CC52c), blotches purple carmine-rose.

nanus hort. ‘Sabrina’

seedling of ‘Elvira’

J. van Winsen, 1984; flowers azalea-pink (CC 38a) to orient-pink in throat (CC 36a) on lower petals narrow carmine to blood-red blotch (CC 52a/45b), pale primrose-yellow blotches in throat (CC 4d), scarlet blotches in centre.

nanus hort. ‘Safari’

Konijnenburg & Mark, 1970; flowers tinted neyron-rose (CC 55b) on whitish ground, lowest petals whitish.

nanus hort. ‘Salmonea’

J. van Winsen; flowers begonia-pink (619/2) blotches feathered turkey-red (721), centre creamy-white on violet, anthers creamy.

nanus hort. ‘Santorini’

sport of ‘Elvira’

H. de Ridder, 1984; flowers neyron-rose (CC 55c), in throat cream-white, on lower petals rose-bengal blotches with barium-yellow vein on cream-white ground, centre tyrian-purple.

nanus hort. ‘Spitfire’

Van Tubergen, 1914; flowers scarlet, blotch pale blue, edged lilac.

A.M.-R.H.S. 1916, F.C.C. 1920, T.G.A.-B.C. 1926

nanus hort. 'Spring Glory' see *nanus* hort. 'Guernsey Glory'

nanus hort. 'Summerblossom'

J.C. Berbee, 1948; flowers outside rose-pink (027/3), tube spinel-red (023/2), inside rose-pink (427/3) blotch chrysanthemum-red (824/3) edged pale brown, anthers ivory white.

T.G.A.-B.C. 1960, A.M.-B.C. 1960

nanus hort. 'Sunmaid'

J.C. Berbee, 1958; flowers outside spinel-red (623) edged neyron-rose (623), inside neyron-rose (623) veins somewhat darker, blotches dark neyron-rose with white centre, anthers violet.

A.M.-B.C. 1960

nanus hort. 'Tableau'

Konijnenburg & Mark, 1960; flowers neyron-rose (CC 55c) tinted violet, paler to centre, blotches feathered purple with broad pale yellow midrib.

'Nathalie' see *nanus* hort. 'Nathalie'

'Navajo' see *nanus* hort. 'Navajo'

'Nimrod' see *nanus* hort. 'Nimrod'

'Nymph' see *nanus* hort. 'Nymph'

oppositiflorus Herbert

S Africa (E Cape Province, S Natal); spike occasionally branched, flowers white or in various shades of pink to deep salmon pink, with dark median lines on lobes, and dark blotches in the throat.

papilio J.D. Hook.

purpureo-auratus J.D. Hook.

S Africa; flowers bright or dull yellow, sometimes tinged with purple outside, or mainly pale pinkish violet, throat sometimes and lower petals always blotched with brown or purplish red, summer flowering.

'Peach Blossom' see *nanus* hort. 'Peach Blossom'

'Pink Beauty' see *nanus* hort. 'Pink Beauty'

'Primavera' see *nanus* hort. 'Primavera'

'Prins Claus' see *nanus* hort. 'Prins Claus'

'Prinses Paola' see *nanus* hort. 'Prinses Paola'

purpureo-auratus J.D. Hook. see *papilio* J.D. Hook.

'Queen Wilhelmina' see *nanus* hort. 'Queen Wilhelmina'

GLADIOLUS

ramosus hort.

(*cardinalis* Curtis x *carneus* Delaroche) x **oppositiflorus** Herbert
Netherlands, before 1839; flowers bright red with darker spots.

ramosus hort. 'Robinetta'

C.A. van der Wereld, 1960; flowers currant-red (821), creamy edged stripe on
lowest petals.

A.M.-B.C. 1958, T.G.A.-B.C. 1960, F.C.C.-R.H.S. 1960

refractus Jacq. see **Freesia refracta** (Jacq.) Klatt

'Rita Page' see **nanus** hort. 'Rita Page'

'Robinetta' see **ramosus** hort. 'Robinetta'

'Romantica' see **nanus** hort. 'Romantica'

'Rose Fairy' see **nanus** hort. 'Rose Fairy'

'Rosella' see **nanus** hort. 'Rosella'

'Sabrina' see **nanus** hort. 'Sabrina'

'Safari' see **nanus** hort. 'Safari'

'Salmonea' see **nanus** hort. 'Salmonea'

'Santorini' see **nanus** hort. 'Santorini'

segetum Ker Gawler see **italicus** Miller

sparrmannii Thunb. see **Freesia sparrmannii** (Thunb.) N.E. Br.

'Spitfire' see **nanus** hort. 'Spitfire'

'Spring Glory' see **nanus** hort. 'Guernsey Glory'

'Summerblossom' see **nanus** hort. 'Summerblossom'

'Sunmaid' see **nanus** hort. 'Sunmaid'

'The Bride' see **colvillei** Sweet 'Bride'

tristis L.

S Africa (S Cape Province); flowers yellowish white with purple veins, fragrant
at night, spring-summer flowering. (2n=30)

tristis L. var **concolor** (Salisb.) Baker

Flowers white to buff or dull yellow.
A.M.-R.H.S. 1903

tubergenii hort.

a listed name of no botanical standing for a hybrid of (*cardinalis* Curtis x *oppositiflorus* Herbert) x *liliaceus* Houtt.

Van Tubergen; flowers soft pink to bright purplish rose, leaves narrow, two to four flower-stalks with numerous side-shoots.

tubergenii hort. 'Charm'

Van Tubergen, 1920; flowers magenta-rose (CC 27), broad green yellow blotches fading into violet, anthers green.

A.M.-B.C. 1924

tubergenii hort. 'Charming Beauty'

tubergenii 'Warmunda'

J.P. van der Hulst; flowers carmine-rose (CC 52c), on lowest petals chartreuse-green margins.

T.G.A.-B.C. 1961

tubergenii hort. 'Charming Lady'

sport of 'Charming Beauty'

J.P. van der Hulst; flowers roseine-purple, chartreuse-green margin on lowest petals, throat somewhat purplish.

tubergenii hort. 'Fair Lady'

Van Tubergen; flowers salmon, azalea-pink with coral-red, creamy spotted blotches.

A.M.-B.C. 1932

tubergenii hort. 'Warmunda' see *tubergenii hort. 'Charming Beauty'*

ukambanensis (Baker) Marais

Acidanthera laxiflora Baker, *Acidanthera ukambanensis* Baker

Kenya, N Tanzania, Ethiopia; flowers white, creamy white, pale yellow or creamy yellow, with small narrow blotches at base, height 30-45 cm, May-June flowering.

undulatus L.

cuspidatus Jacq.

S Africa (SW Cape Province); flowers greenish white, white, cream or pink, with marking on lower segments, anthers shorter than filaments, spring-summer flowering. (2n=30)

A.M.-R.H.S. 1971

'*Warmunda*' see *tubergenii hort. 'Charming Beauty'*

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

GLORIOSA

GLORIOSA

Gloriosa L.

Family: Liliaceae

Literature: The European garden flora I: 169-170, 1986.

Note: According to some authors the named cultivars are regarded either as separate species or as forms of *G. superba*.

abyssinica Rich. see *superba* L.

'Africana'

Flowers soft orange and yellow, the african form of *superba* L.

A.M.-B.C. 1968

'Carsonii'

carsonii Baker

C Africa, 1895; flowers light purple with yellow towards centre.

carsonii Baker see '**Carsonii**'

'Citrina'

Described 1905; flower on opening clear citron-yellow, with feather-like band of claret-purple up the middle of each segment.

'Grandiflora'

grandiflora Hook.

Fernando Po, Guinea, 1860; flowers yellow, turning red, larger than '**Virescens**'.

grandiflora Hook. see '**Grandiflora**'

'Leopoldii'

leopoldii van Houtte

Described 1846; very similar to '**Grandiflora**', but with segments enrolled.

leopoldii van Houtte see '**Leopoldii**'

'Lutea'

Flowers yellow, rather smaller in size than those of *superba* L.

A.M.-R.H.S. 1901

minor Rendle see *superba* L.

'Plantii'

planti Loudon

S Africa, 1853; flowers outside pale yellow.

planti Loudon see '**Plantii**'

'Rothschildiana'

rothschildiana O'Brien

Africa, Uganda, collected by H.B. Rattray, 1902; flowers glowing crimson with a dark purple blotch at base, segments at first yellow at base, fading into claret-red with a small yellow edge, segments keeled at base, slightly recurved at tips, anthers whitish green, spotted with purple.

F.C.C.-R.H.S. 1904

rothschildiana O'Brien see '*Rothschildiana*'

superba L.

abyssinica Rich., *minor* Rendle

Tropical Africa, tropical Asia, 1678; flowers in upper axils of the leaves, perianth-tube free, yellow to red or purplish or variously bicoloured, stamens shorter than perianth, stems often climbing, to 2.5 cm, rootstock a tuberous rhizome, summer-autumn flowering.

'Verschuurii'

verschuurii T. Hoog

E Africa, 1950; flowers crimson edged yellow with scarcely undulated margin; found cultivated in Amsterdam Botanic Garden, resembles '*Rothschildiana*', but 5 ft. tall.

verschuurii T. Hoog see '*Virescens*'

'Virescens'

virescens Sims

S Africa, Rhodesia, Tropical Africa, 1823; petals differs from those of *superba* in that they are narrow at the base and broader half way up to about 2 cm in width, flowers generally bicoloured, at first greenish yellow, turning red after being entirely yellow, some forms include a deep purple outlined in yellow and deep wine-crimson with yellow base.

virescens Sims see '*Virescens*'

GYNANDRIRIS

Gynandriris Parl.

Family: Iridaceae

Literature: The European garden flora I: 354-355, 1986; B. Mathew, The Iris: 181-182, 1981.

maricoides (Regel) Nevski see *sisyrinchium* (L.) Parl.

sisyrinchium (L.) Parl.

maricoides (Regel) Nevski, *Iris sisyrinchium* L.

Mediterranean, not France, 1565; flowers blue with white or yellow spots or markings at the centre, March-May flowering. ($2n=12$)

HABRANTHUS

HABRANTHUS

Habranthus Herbert

Syn: *Cooperanthes* Lancaster

Family: Amaryllidaceae

Literature: Hortus third: 534-535, 1976; The European garden flora I: 295, 1986.

'Alipore Beauty'

Cooperanthes 'Alipore Beauty'

Zephyranthes Herbert x **Habranthus**

S.P. Lancaster, India, about 1910; flower soft lilac-rose overlaid with white upwards, back of petals deeper pink.

andersonii Herbert see *tubispathus* (L'Hér.) Traub

brachyandrus (Baker) Sealy

S Brazil, Paraguay, 1889; leaves linear, to 25 cm long, scape to 30 cm, flower, bright red or pinkish mauve inside and out, tube deeper red or pinkish mauve, summer flowering.

'Hortensis'

Cooperanthes 'Hortensis'

Zephyranthes Herbert x **Habranthus**

Flower white, shaded pink.

'Mary'

Cooperanthes 'Mary'

Zephyranthes Herbert x **Habranthus**

S.P. Lancaster, India; flower flesh-pink, upright.

robustus Herbert

Zephyranthes robusta (Herbert) Baker,

S Brazil, Argentina, 1828; leaves developing after flowering, scape 15 cm, flower white flushed with pink, tube green, summer flowering; similar to *brachyandrus* (Baker) Sealy. (2n=12, 48)

tubispathus (L'Hér.) Traub

andersonii Herbert

S Brazil, Uruguay, E Argentina, S Chile; leaves narrowly linear, 13-15 cm, scape to 15 cm, flower, bright yellow inside, coppery or purplish red outside, summer flowering.

HEPATICA**Hepatica Miller**

Family: Ranunculaceae

Literature: Flora Europaea I: 219, 1963; The European garden flora III: 357, 1989.

'Alba' see *nobilis* Miller 'Alba''Alba' see *transylvanica* Fuss 'Alba'*alba* Miller see *nobilis* Miller 'Alba''Alba Plena' see *nobilis* Miller 'Alba Plena'*americana* (DC.) Ker Gawler*triloba* misappliedE N-America; like *nobilis* Miller, but plants conspicuously hairy, flowers to 2 cm in diameter, spring flowering.*angulosa* misapplied see *transylvanica* Fuss*angulosa* misapplied var *alba* Leichtlin see *transylvanica* Fuss 'Alba'*angulosa* misapplied var *rosea* Leichtlin see *transylvanica* Fuss 'Rosea'*media* Simonkai*nobilis* Miller x *transylvanica* Fuss

Occurring in the wild; distinguished by its sterile pollen.

media Simonkai 'Ballardii'

Flowers pale wisteria-blue, large, 5 cm across.

nobilis Miller*triloba* Gilib., *Anemone hepatica* L.

Most of continental Europe, except the extreme N & S, Corsica, 1830; flowers, bluish-violet, purple, white or pinkish, rhizome short, thick, leaves cordate, 3-lobed, lobes entire, often purplish and silky to villous beneath, March-April flowering. (2n=14)

A.M.-R.H.S. 1966, F.C.C.-R.H.S. 1976

nobilis Miller 'Alba'*alba* Miller, *nobilis* L. forma *alba* (Miller) Beck, *Anemone hepatica* L. var *alba*

Weston

Since 1561; flowers white.

nobilis Miller forma *alba* (Miller) Beck see *nobilis* Miller 'Alba'*nobilis* Miller 'Alba Plena'*Anemone hepatica* L. forma *alba plena* Beck

Since 1669; flowers white, double.

nobilis Miller var *japonica* Nakai

Japan; flowers in many shades of colour: white, pink, red, mauve, purple and least common, blue, flowers smaller than common European form.

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

nobilis Miller 'Little Abington'

Flowers rich violet-blue (CC 93c), with a ring of large petals around the outside of the flower, then a central mass of much smaller ones, with a distinct break in size between the two sets.

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

nobilis Miller 'Marmorata'

Lower flower-lobes blue, with white spots.

nobilis Miller 'Plena'

nobilis Miller forma *plena* Beck, *Anemone hepatica* L. var *plena* (Miller) Weston
Since 1589; flowers bluish-violet, double.

F.C.C.-R.H.S. 1903

nobilis Miller forma *plena* Beck see *nobilis* Miller 'Plena'

nobilis Miller var *rosea plena* hort. see *nobilis* Miller 'Rubra Plena'

nobilis Miller 'Rubra'

Anemone hepatica L. var *rubra* Weston, *Anemone hepatica* L. forma *rosea* Beck

Since 1570; flowers lilac-rose.

nobilis Miller 'Rubra Plena'

nobilis Miller var *rosea plena* hort., *rubra* Miller, *Anemone hepatica* L. var *rubra plena* Weston

Since 1570; flowers lilac-rose, double.

'Plena' see *nobilis* Miller 'Plena'

'Rosea' see *transsylvania* Fuss 'Rosea'

rubra Miller see *nobilis* Miller 'Rubra Plena'

'Rubra Plena' see *nobilis* Miller 'Rubra Plena'

transsylvania Fuss

angulosa misapplied

C Romania, 1846; flowers light blue or whitish, with 8-9 perianth-segments, plant long, slender, leaf-lobes crenate-dentate, February-March flowering.
(2n=28)

F.C.C.-R.H.S. 1865, A.M.-R.H.S. 1973

transsylvania Fuss 'Ada Scott'

Mrs. A. Scott, about 1900; flowers deep blue.

F.C.C.-R.H.S. 1977

transsylvania Fuss 'Alba'

angulosa misapplied var *alba* Leichtlin

Since 1897; flowers white.

A.M.-R.H.S. 1914

transsylvania Fuss 'Rosea'

angulosa misapplied var *rosea* Leichtlin

Since 1896; flowers rose.

triloba Gilib. see **nobilis** Miller

triloba misapplied see **americana** (DC.) Ker Gawler

HERBERTIA

Herbertia Sweet

Syn: *Trifurcia* Herbert

Family: Iridaceae

Literature: The European garden flora I: 360, 1986.

pulchella Sweet

Trifurcia pulchella (Sweet) Goldblatt

Southern S America as far as S Brazil; the outer perianth-segments blue or pinkish violet, sometimes with a median white stripe, dark violet or spotted with purplish blue at the base, inner perianth-segment pale purple, anthers yellow, stigmas reddish, stems erect, not branched or with 1 branch.

HERMODACTYLUS

Hermodactylus Miller

closely related to and often included in *Iris*

Family: Iridaceae

Literature: The European garden flora I: 355, 1986; B. Mathew, The Iris: 183, 1981.

tuberosa (L.) Miller

Iris tuberosa L.

E & C Mediterranean, 1597; flowers yellowish green, blade of falls very dark purple-brown to almost black, perianth-tube short, rootstock of 2-4 branched tubers, leaves longer than the stem, April-May flowering. ($2n=20$)

A.M.-R.H.S. 1962

HESPERANTHA

Hesperantha Ker Gawler

Family: Iridaceae

Literature: The European garden flora I: 378-379, 1986; P. Goldblatt, A revi-

HESPERANTHA

sion of *Hesperantha* (Iridaceae) in the winter rainfall area of S Africa, Journal of S African Botany 50: 15-141, 1984; O.M. Hilliard & B.L. Burtt, *Hesperantha* (Iridaceae) in Natal and nearby, Notes RBG Edinb. 43 (3): 407-438, 1986.

buhrii L. Bolus

S Africa; flowers white within, pink without, anthers golden yellow, flowers open from noon onwards.

inflexa misapplied see *vaginata* (Sweet) Goldblatt

stanfordiae L. Bolus see *vaginata* (Sweet) Goldblatt

vaginata (Sweet) Goldblatt

inflexa misapplied, *stanfordiae* L. Bolus

S Africa (Cape Province), 1826; flowers large, clear yellow, or dark brown-black in throat and in upper half of tepals, opening late afternoon, spike weakly flexuose, spring flowering. ($2n=26$)

A.M.-B.C. 1936, A.M.-R.H.S. 1980

HOMERIA

Homeria Vent.

Family: Iridaceae

Literature: The European garden flora I: 361, 1986; C. Innes, The World of Iridaceae: 166-170, 1985; P. Goldblatt, Systematics and Biology of *Homeria* (Iridaceae), in Annals Missouri Bot. Garden 68: 413-503, 1981.

aurantiaca (Zuccagni) Sweet see *flaccida* Sweet

breyiana (L.) Lewis see *collina* (Thunb.) Salisb.

breyiana (L.) Lewis var *aurantiaca* (Zuccagni) Lewis see *flaccida* Sweet

collina (Thunb.) Salisb.

breyiana (L.) Lewis, *Bobartia aurantiaca* Sweet var *collina* Thunb.

S Africa (SW Cape Province), 1768; flowers pale yellow or salmon-pink, fragrant, nectaries usually deep yellow edged with green, stem 18-35 cm, unbranched or few branches, June flowering. ($2n=24$)

collina (Thunb.) Salisb. var *aurantiaca* (Zuccagni) Baker see *flaccida* Sweet

collina (Thunb.) Salisb. var *ochroleuca* (Salisb.) Baker see *ochroleuca* Salisb.

elegans (Jacq.) Sweet

S Africa (SW Cape Province); flowers yellow with large green blotch in central or upper one-third of each outer perianth-segment, which is usually shaded orange towards top, stem 18-35 cm, unbranched or few-branched, summer flowering; very much like *collina* (Thunb.) Salisb. ($2n=12$)

flaccida Sweet

aurantiaca (Zuccagni) Sweet, *breyntiana* (L.) Lewis var *aurantiaca* (Zuccagni)

Lewis, *collina* (Thunb.) Salisb. var *aurantiaca* (Zuccagni) Baker

S Africa (SW Cape Province), 1880; flowers yellow to salmon-orange with deep yellow nectaries, stem 30-60 cm with several branches, summer flowering.

(2n=36)

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

lineata Sweet see **miniata** (Andrews) Sweet

miniata (Andrews) Sweet

lineata Sweet

S Africa (SW Cape Province); flowers reddish, pink, yellow, or white, strongly and rather unpleasantly scented, leaves 2 or 3, stem 35-75 cm, one to several-branched, summer flowering. (2n=12)

ochroleuca Salisb.

collina (Thunb.) Salisb. var *ochroleuca* (Salisb.) Baker, *Moraea collina* Ker Gawler

S Africa (SW Cape Province), 1807; flowers yellow, sometimes orange in centre, strongly and rather unpleasantly scented, leaf usually 1, occasionally 2 or 3, stem 35-75 cm, one to several-branched, summer flowering. (2n=12)

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

HYACINTHELLA

Hyacinthella Schur

Family: Liliaceae

Literature: The European garden flora I: 223-224, 1986; Flora of Turkey 8: 274-279, 1984.

acutiloba K. Pers. & Wendelbo

Turkey (C Anatolia), flowers pale to medium blue, lobes straighter, narrower than in *lineata*, leaves 3, broader, spring flowering; like *lineata* (Steudel) Chouard. (2n=18)

azurea (Fenzl) Chouard see **Muscari azureum** Fenzl

azurea (Fenzl) Chouard 'Alba' see **Muscari azureum** Fenzl 'Album'

azurea (Fenzl) Chouard 'Amphibolis' see **Muscari azureum** Fenzl 'Amphibolis'

dalmatica (Baker) Chouard see **pallens** Schur

lineata (Steudel) Chouard

W Turkey, flowers weakly bell-shaped, deep blue to violet-blue, with lobes as long as tube, leaves with long hairs on margins, often twisted and often purplish at base, spring flowering. (2n=16)

HYACINTHELLA

millingenii (Post) Feinbr.

Cyprus; dwarf species, with 5-25 azure or purplish blue flowers, lobes half as long as tube, stamens attached above the middle of the tube, anthers black, leaves erect, channeled, glaucous on upper surface, dull green on lower, base reddish, margins smooth, March flowering.

pallens Schur

dalmatica (Baker) Chouard, *Hyacinthus dalmaticus* Baker

Yugoslavia, flowers narrowly bell-shaped, medium blue, with lobes half to two-third as long as tube, leaves hairless, but with rough margins, arching and spreading outward, channelled, early spring flowering.

HYACINTHOIDES

Hyacinthoides Fabr.

Family: Liliaceae

Literature: The European garden flora I: 214, 1986.

hispanica (Miller) Rothm.

Endymion hispanicus (Miller) Chouard, *Endymion patulus* Dumort., *Hyacinthus hispanica* (Baker) Rothm., *Scilla campanulata* Aiton, *Scilla hispanica* Miller SW Europe, N Africa, 1601; bell-shaped, drooping, violet-blue, odourless flowers, blue anthers, halfway thickened filaments, flower-stalks stretching, leaves shiny, scape 30 cm, long bracts, bracteoles present, bulb fleshy, flat, purple-blue (greenish), roots thin, white, unbranched, May flowering. ($2n=16, 24$)

hispanica (Miller) Rothm. 'Alba'

Scilla hispanica Miller 'Alba'

G. Nicholson, 1849; flowers white.

hispanica (Miller) Rothm. 'Alba Maxima'

Scilla hispanica Miller 'Alba Maxima'

Flowers much larger and white.

hispanica (Miller) Rothm. 'Arnold Prinsen'

Scilla hispanica Miller 'Arnold Prinsen'

N. Zweeris; flowers pink.

hispanica (Miller) Rothm. 'Blue Giant'

Scilla hispanica Miller 'Blue Giant'

J. Valkering; flowers deep blue, scape strongly erect.

hispanica (Miller) Rothm. 'Blue Pearl'

Scilla hispanica Miller 'Blue Pearl'

J. Valkering; flowers amethyst-blue.

A.M.-B.C. 1944

hispanica (Miller) Rothm. ‘Blue Queen’

Scilla hispanica Miller ‘Blue Queen’

N. Zweeris; flowers light blue.

hispanica (Miller) Rothm. ‘Chevithorne’ see **hispanica** (Miller) Rothm. ‘Excelsior’

hispanica (Miller) Rothm. ‘Dainty Maid’

Scilla hispanica Miller ‘Dainty Maid’

J. Valkering; flowers deep purple-pink.

A.M.-B.C. 1944, T.G.A.-B.C. 1946

hispanica (Miller) Rothm. ‘Danube’

hispanica Miller ‘Donau’, *Scilla hispanica* ‘Danube’, *Scilla hispanica* ‘Donau’

J. Valkering; flowers danube-blue.

hispanica (Miller) Rothm. ‘Donau’ see **hispanica** (Miller) Rothm. ‘Danube’

hispanica (Miller) Rothm. ‘Excelsior’

hispanica Miller ‘Chevithorne’, *Scilla hispanica* ‘Chevithorne’, *Scilla hispanica* ‘Excelsior’

G.C. van Meeuwen, 1906; flowers blue-violet with marine-blue midribs.

A.M.-B.C. 1932, F.C.C.-B.C. 1933, A.M.-R.H.S. 1956

hispanica (Miller) Rothm. ‘Heavenly Blue’

Scilla hispanica Miller ‘Heavenly Blue’

J. Valkering; flowers light violet-blue with grey-blue edges.

A.M.-B.C. 1944

hispanica (Miller) Rothm. ‘King of the Blues’

Scilla hispanica Miller ‘King of the Blues’

J. Valkering; flowers deep lobelia-blue with lighter midribs.

A.M.-B.C. 1934

hispanica (Miller) Rothm. ‘La Grandesse’

Scilla hispanica Miller ‘La Grandesse’

Flowers pure white, large.

hispanica (Miller) Rothm. ‘Mount Everest’

Scilla hispanica Miller ‘Mount Everest’

J. Valkering; spike broad, white.

A.M.-B.C. 1939

hispanica (Miller) Rothm. ‘Myosotis’

Scilla hispanica Miller ‘Myosotis’

J. Valkering; spike broad, flowers porcelain-blue with sky-blue midribs.

A.M.-B.C. 1939

hispanica (Miller) Rothm. ‘Peach Blossom’

Scilla hispanica Miller ‘Peach Blossom’

J. Valkering; flowers violet-pink, large.

hispanica (Miller) Rothm. ‘Perle Brillante’

Scilla hispanica Miller ‘Perle Brillante’

G.C. van Meeuwen; flowers lavender-blue with darker midribs.

A.M.-B.C. 1933, F.C.C.-B.C. 1933

hispanica (Miller) Rothm. ‘Queen of the Pinks’

Scilla hispanica Miller ‘Queen of the Pinks’

J. Valkering; flowers large campanula-violet.

A.M.-B.C. 1932, T.G.A.-B.C. 1946

hispanica (Miller) Rothm. ‘Rheinland’

Scilla hispanica Miller ‘Rheinland’

J. Valkering; flowers violet-blue with sky-blue midribs

A.M.-B.C. 1939

hispanica (Miller) Rothm. ‘Rosabella’

Scilla hispanica Miller ‘Rosabella’

J. Valkering; spike robust, flowers violet-pink.

A.M.-B.C. 1944

hispanica (Miller) Rothm. ‘Rose’

Scilla hispanica Miller ‘Rose’, *Scilla hispanica* ‘The Rose’

J. Valkering; spike large, robust, flowers violet-pink.

A.M.-B.C. 1939, F.C.C.-B.C. 1944, T.G.A.-B.C. 1946

hispanica (Miller) Rothm. ‘Rose Queen’

Scilla hispanica Miller ‘Rose Queen’

E.H. Krelage, 1898; flowers pink.

hispanica (Miller) Rothm. ‘Sky Blue’

Scilla hispanica Miller ‘Sky Blue’

J. Valkering, c. 1906; flowers dark blue, late.

hispanica (Miller) Rothm. ‘White City’

Scilla hispanica Miller ‘White City’

J. Valkering; flowers pure snow-white.

hispanica (Miller) Rothm. ‘White Triumphator’

Scilla hispanica Miller ‘White Triumphator’

J. Valkering; spike robust, flowers white.

A.M.-B.C. 1944

italica (L.) Rothm.*Scilla italicica* L., *Endymion italicus* (L.) Chouard

SW Europe (NW Italy, SE France, Spain, Portugal), since 1594; 6-10 erect, scented, stellate, violet-blue, rarely white flowers in dense conical raceme, to 25 cm, filaments inserted at base, anthers blue, scape 10-40 cm, leaves linear-lanceolate, bracts 2 cm, bulb 2 cm in diam., ovate, not 1-sided, April-May flowering. (2n=16)

italica (L.) Rothm. 'Alba'

Maund., 1850; as *italicica* flowers white.

non-scripta (L.) Rothm.

Endymion non-scripta (L.) Garcke, *Endymion nutans* (Smith) Dumort., *Scilla non-scripta* (L.) Hoffsgg. & Link, *Scilla nutans* Smith

SW Europe (NW Italy, SE France); flowers pendent, dark blue, rarely pink or violet, scented, erect in bud, tepals oblong-lanceolate, outer filaments inserted halfway, inner at the base of the tepals, anthers cream, lower flower-stalks 1 mm, leaves linear-lanceolate, stem 20-50 cm, bulb 5 cm in diam., green-yellow, 1-sided, spring flowering. (2n=16)

non-scripta (L.) Rothm. 'Alba'

Scilla non-scripta 'Alba'

J.Cl. Loudon, 1594; flowers white, anthers cream-coloured.

non-scripta (L.) Rothm. 'Alba Major'

Scilla non-scripta 'Alba Major'

Large white form.

non-scripta (L.) Rothm. 'Carnea'

Scilla non-scripta 'Carnea', *Scilla nutans* Smith var. *rosea* hort.

Sweet, 1596; flowers pink, anthers cream-coloured.

HYACINTHUS**Hyacinthus** L.

Family: Liliaceae

Literature: The European garden flora I: 221, 1986; Hortus Third: 577, 1976.

albus Baker see *orientalis* L. var *albus* Baker

'*Albus*' see *Muscari azureum* Fenzl 'Album'

amethystinus L. see *Brimeura amethystina* (L.) Chouard

amethystinus L. 'Albus' see *Brimeura amethystina* (L.) Chouard 'Alba'

'*Amphibolis*' see *Muscari azureum* Fenzl 'Amphibolis'

azureus (Fenzl) Baker see *Muscari azureum* Fenzl

HYACINTHUS

- azureus* (Fenzl) Baker 'Albus' see **Muscari azureum** Fenzl 'Album'
- azureus* (Fenzl) Baker 'Amphibolis' see **Muscari azureum** Fenzl 'Amphibolis'
- dalmaticus* Baker see **Hyacinthella pallens** Schur
- kopetdaghi* Czerniak. see **transcaspicus** Litv.
- litwinowii* Czerniak.
USSR, E Iran: flowers very pale blue with deeper central band outside, lobes longer than tube, early spring flowering.
- orientalis** L.
C & S Turkey, NW Syria, Lebanon, 1562; flowers pale to deep violet-blue, pale to deep pink, anthers longer than filaments, leaves 4-6, erect at first, channelled, bright green, scape thick, collapsing in fruit, early spring flowering.
- orientalis** L. 'Achilleus'
orientalis 'Amsterdam' x *orientalis* 'Anna Marie'
I.V.T., 1982; flowers inside pinkish white with violet red midrib (CC 180b), outside burnt brownish red (CC 179b), stem greyish brown. (2n=24)
- orientalis** L. 'Aiolas'
orientalis 'Delft Blue' x *orientalis* 'Carnegie'
I.V.T., 1985; flowers ivory white, outside tube creamy white, grey-yellow blotch at top. (2n=32)
- orientalis** L. var *albulus* Baker
albulus Baker
Naturalised in S France; spike small and slender, flowers white, early flowering. (2n=16)
- orientalis** L. 'All Bright'
sport of *orientalis* 'La Victoire'
Sel. by Segers Bros.; flowers spiraea-red (025), edged paler.
- orientalis** L. 'Amethyst'
sport of *orientalis* 'Marconi'
Sel. by Langelaan-Hulsebosch; flowers lilac-violet, late forcing.
A.M.-B.C. 1950
- orientalis** L. 'Amsterdam'
C.J. Briejèr, 1933; flowers neyron-rose (CC 55c), veined neyron-rose (CC 55a), with darker midrib, reddish stem. (2n=30)
A.M.-B.C. 1960, E.F.A.-B.C. 1961, F.C.E.F.A.-B.C. 1962
- orientalis** L. 'Angelique'
orientalis 'La Victoire' x *orientalis* 'Delft Blue'
G.Th. Weyers, L.B. Kapteijn's Zonen, 1984; flowers inside fuchsin-purple tinted vein (CC 66c) on pastel-mauve ground (CC 69a), outside tube china-rose (CC 58c), stem brownish grey (CC 197a).

orientalis L. 'Anna Liza'

sport of **orientalis 'Anna Marie'**

Verduyn & Ten Hagen, 1972; flowers pale solferino-purple (CC 65d) with doge-purple and mallow-purple vein (CC 72a/c), anthers violet-yellow.

T.G.A.-B.C. 1977

orientalis L. 'Anna Marie'

orientalis 'Christmas Joy'

N. Dames, N.C. Berbee 1949; flowers pale pink, early forcing. (2n=24)

E.F.A.-B.C. 1949

orientalis L. 'Apollo'

P. van Dijk & Sons, 1970; flowers neyron-rose (CC 55b), edged paler, early forcing.

E.F.A.-B.C. 1976

orientalis L. 'Arentine Arendsen'

D. Bakker, 1875; spike long, flowers white, early forcing. (2n=28)

orientalis L. 'Athene'

orientalis 'Carnegie' x orientalis 'Blue Giant'

I.V.T., 1987; flowers inside ivory white (CC 155d), outside tube ivory white (CC 155b), petals ivory white, anthers chrome-yellow, flowers large. (2n=32?)

orientalis L. 'Atlantic' (B)

sport of **orientalis 'Anna Marie'**

Jac. Prins & Son, 1986; flowers inside methyl-violet (CC 85a) with broad amethyst-violet (CC 84b) dark vein, outside dull spectrum-violet (CC 83b), veined darker.

orientalis L. 'Atlas'

orientalis 'Delft Blue' x orientalis 'Carnegie'

I.V.T., 1980; flowers ivory-white, anthers barium-yellow, stem greenish. (2n=32)

T.G.A.-B.C. 1978

orientalis L. 'Attila'

A. Nijssen & Sons; flowers inside spectrum-violet (CC 82a), edged amethyst-violet (CC 84a), outside spectrum-violet (CC 82a), early forcing. (2n=c. 29)

orientalis L. 'Autumn Surprise'

G. van der Veld, 1961; spike small, flowers pale pink, Fairy type.

E.F.A.-B.C. 1961

orientalis L. 'Ben Nevis'

orientalis 'L'Innocence' x orientalis 'La Grandesse'

M. van Waveren; flowers double, ivory-white, large, early flowering.

A.M.-B.C. 1942, E.F.A.-B.C. 1946

HYACINTHUS

orientalis L. ‘Bismarck’

orientalis ‘Fürst Bismarck’

D.J. Ziegler, 1875; spike very broad, flowers methyl-violet (39/2), early forcing. (2n=24)

orientalis L. ‘Blizzard’

orientalis ‘Doctor Stresemann’ x orientalis ‘Arentine Arendsen’

G. van der Mey, 1946; flowers white, late forcing.

orientalis L. ‘Blue Bird’

J.Th. Vink, 1946; flowers inside wisteria-blue (CC 92), outside slightly darker, early forcing. (2n=ca. 31)

F.A.-B.C. 1967, T.G.A.-B.C. 1968, E.F.A.-B.C. 1968, F.C.E.F.A.-B.C. 1970

orientalis L. ‘Blue Blazer’ (B)

C. Geerlings, H. Verdegaal & Son, 1979; flowers methyl-violet (CC 88a) tipped victoria-violet, edged paler, tube cornflower-blue (CC 95b).

T.G.A.-B.C. 1979

orientalis L. ‘Blue Dream’

P de Jager & Son, J.A. van der Salm, 1982; flowers inside sea-lavender-violet (CC 85d), veined wisteria-blue (CC 92b), outside french-blue (CC 97a).

orientalis L. ‘Blue Giant’

E.H. Krelage, Lefeber, about 1935; flowers pale blue. (2n=32)

orientalis L. ‘Blue Haze’

Langelaan-Hulsebosch, 1944; flowers inside flax-blue (CC 95c/d), outside butterfly-blue (CC 106), changing into flax-blue (CC 95c/d), early forcing.

orientalis L. ‘Blue Heaven’

H. de Graaff & Sons, 1935; flowers flax-blue (624/1), large, early forcing.

orientalis L. ‘Blue Herald’

P. Hopman; flowers soft veronica-violet, early forcing. (2n=26)

E.F.A.-B.C. 1943

orientalis L. ‘Blue Jacket’

C.J. Zonneveld, 1953; flowers dark blue, purple striped, large, mid early forcing. (2n=27)

A.B.-B.C. 1953, T.G.A.-B.C. 1956

orientalis L. ‘Blue Magic’

G. van der Mey, 1971; flowers purple-violet (CC 86a), whitish in throat, mid early forcing.

T.G.A.-B.C. 1971

orientalis L. ‘Blue Orbit’

G. van der Mey, 1946; flowers hyacinth-blue (CC 91a), edged paler, late forcing.

orientalis L. 'Blue Orchid'

sport of *orientalis* 'Delft Blue'

G. Vreeburg; flowers semi-double, wisteria-blue (CC 92a), veined darker.

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

orientalis L. 'Blue Peter'

orientalis 'Delft Lilac'

sport of *orientalis* 'Delft Blue'

W. Zandbergen & Son, 1978; flowers sea-lavender-violet (CC 85d) with flax-blue narrow vein, tube veined french-blue (CC 97b), petals mineral-violet (CC 76b), with purplish tip, stem bronze-green.

T.G.A.-B.C. 1978

orientalis L. 'Blue Sky' see *orientalis* L. 'Côte d'Azur'

orientalis L. 'Blue Star'

sport of *orientalis* 'Delft Blue'

Prins & Topper, 1982; flowers inside lobelia-blue (CC 91b), veined methyl-violet (CC 88c), outside tube wisteria-blue (CC 92a) with moorish-blue vein (CC 93c).

orientalis L. 'Blue Surprise'

sport of *orientalis* 'Blue Jacket'

J.N.M. van Eeden, 1982; flowers inside violet (CC 86d) with plum-purple vein, outside wisteria-blue (CC 92a) with violet vein (CC 86a), stem greyish brown.

orientalis L. 'Blushing Dolly'

G. van der Mey, 1971; flowers fuchsia-purple (CC 66d), edged paler, late forcing.

T.G.A.-B.C. 1971

orientalis L. 'Borah'

G. van der Veld; flowers porcelain-blue, long flower stalks, early forcing, Fairy type. ($2n=16$)

E.F.A.-B.C. 1946

orientalis L. 'Cardinal Wiseman'

Van Meeuwen, 1881; flowers single, red.

orientalis L. 'Carnegie'

orientalis 'L'Innocence' x *orientalis* 'Arentine Arendsen'

J.W.A. & A. Lefeber, about 1935; spike dense, flowers white. ($2n=29$)

orientalis L. 'Chestnut Flower'

orientalis 'Kastanjeblom'

D. Bakker, 1880; flowers double, dawn-pink (523/3). ($2n=30$)

HYACINTHUS

orientalis L. ‘China Pink’

orientalis L. ‘Delft Pink’

sport of **orientalis ‘Delft Blue’**

Verduyn & Ten Hagen; flowers inside orient-pink (416/3), outside striped chinese-coral (614/3). (2n=30)

orientalis L. ssp *chinophilus* Wendelbo

C Turkey; flowers pale violet-blue at base, nearly white above, lobes about as long as tube.

orientalis L. ‘Christmas Bells’

G. van der Veld, 1957; flowers pastel-lavender (440) with lobelia-blue (41/3), early forcing, Fairy type.

orientalis L. ‘Christmas Joy’ see *orientalis L. ‘Anna Marie’*

orientalis L. ‘City of Bradford’

sport of **orientalis ‘Delft Blue’**

N. Kroon, J. Valkering & Sons, 1984; flowers lobelia-blue (CC 91c) with hyacinth-blue vein, stem bronze-coloured green.

orientalis L. ‘City of Haarlem’

J.H. Kersten, 1893; flowers soft primrose-yellow, late forcing. (2n=23)

A.M.-R.H.S. 1898

orientalis L. ‘Colosseum’

orientalis ‘Bismarck’ x *orientalis ‘Moreno’*

G. van der Veld, 1935; flowers white, early forcing.

orientalis L. ‘Concorde’

Walter Blom & Son, 1971; flowers aster-violet, veined purplish violet, early forcing.

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

orientalis L. ‘Coral Bells’

G. van der Mey, 1946; flowers solferino-purple (CC 65d), edged paler, mid early forcing.

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

orientalis L. ‘Côte d’Azur’

orientalis ‘Blue Sky’

G. van der Mey, 1943; flowers pale porcelain-blue, mid early forcing.

orientalis ‘Crownprincess Margaretha’ see *orientalis L. ‘Kroonprinses Margaretha’*

orientalis L. ‘Cycloop’

orientalis ‘Cyclops’

G. van der Mey, 1943; flowers rose-madder (23), large, late forcing. (2n=24)

orientalis L. 'Cyclops' see *orientalis* L. 'Cycloop'

orientalis L. 'Delft Blue'

orientalis 'Delft's Blauw'

J.W.A. Lefeber, 1944; flowers soft lilac-blue, early forcing. (2n=30)

orientalis L. 'Delft Lilac' see *orientalis* L. 'Blue Peter'

orientalis L. 'Delft Pink' see *orientalis* L. 'China Pink'

orientalis L. 'Delft's Blauw' see *orientalis* L. 'Delft Blue'

orientalis L. 'Delft White'

sport of *orientalis* 'Delft Blue'

W. Zandbergen & Son, 1979; flowers ivory white, tube whitish amber-yellow, anthers golden-yellow.

orientalis L. 'Delight'

orientalis x *orientalis* 'Moreno'

Langelaan-Hulsebosch; flowers pale rose, early forcing. (2n=23)

E.F.A.-B.C. 1948

orientalis L. 'Dionysos'

orientalis 'Jan Bos' x *orientalis*

I.V.T., 1985; flowers inside amethyst-violet (CC 83d) with violet vein (CC 86c), outside tube dauphin's-violet (CC 90d), petals dull spectrum-violet (CC 83d). (2n=24)

orientalis L. 'Distinction'

C.W.F. Hoogeveen, 1880; spike small, slender, flowers inside beetroot-purple (830), outside maroon (1030/2). (2n=16)

orientalis L. 'Doctor Lieber'

Ant. van der Vlugt, 1901; spike slender, flowers grey-blue, early forcing. (2n=27)

orientalis L. 'Doctor Stresemann'

N. Dames, 1930; spike broad, flowers steel-blue. (2n=31)

orientalis L. 'Dreadnought'

orientalis 'Veenenburg'

sport of *orientalis* 'Grand Maître'

In cultivation before 1900; flowers double, blue. (2n=24)

orientalis L. 'Duchess of Westminster' see *orientalis* L. 'Duke of Westminster'

orientalis L. 'Duke of Westminster'

orientalis 'Duchess of Westminster'

M. van Waveren; flowers deep violet with pale blue centre, late forcing.

HYACINTHUS

orientalis L. ‘Early Bird’

earlier sport of **orientalis ‘Pink Pearl’**

Onderwater Bros., 1983; flowers inside pastel-mauve (CC 69b), broad magenta coloured vein, outside rhodamine-pink (CC 62a).

orientalis L. ‘Early Pink Pearl’

earlier sport of **orientalis ‘Pink Pearl’**

L. Stassen, 1946; flowers spinel pink (625/2), early forcing. (2n=16)

E.F.A.-B.C. 1960, A.M.-B.C. 1961, F.C.E.F.A.-B.C. 1962, F.C.C.-B.C. 1963

orientalis L. ‘Early Queen of the Blues’

earlier sport of **orientalis ‘Queen of the Blues’**

Verdegaal Bros., 1920; flowers soft blue, early forcing. (2n=27)

E.F.A.-B.C. 1952

orientalis L. ‘Edelweiss’

orientalis ‘L’Innocence’ x orientalis ‘Arentine Arendsen’

N. Dames; flowers white, early forcing. (2n=28)

E.F.A.-B.C. 1932, A.M.-B.C. 1934

orientalis L. ‘Eros’

orientalis ‘Menelik’ x orientalis ‘Lady Derby’

M. Veldhuyzen-van Zanten, about 1935; flowers deep pink, early forcing.

orientalis L. ‘Fire Bird’

J.Th. Vink, 1979; flowers rose-bengal (CC 57b) with spiraea-red edge (CC 63c), stem dull violet-brown.

orientalis L. ‘Fondant’

orientalis ‘La Victoire’ x orientalis ‘Lord Balfour’

G.Th. Weijers, L.B. Kapteijn’s Zonen, 1983; flowers inside neyron-rose vein (CC 55b) on light phlox-pink (CC 56d) ground, outside neyron-rose (CC 55c), stem pale green.

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

orientalis L. ‘Frans’ see orientalis L. ‘Loveliness’

orientalis L. ‘Fürst Bismarck’ see orientalis L. ‘Bismarck’

orientalis L. ‘Gainsborough’

M. van Waveren; flowers pale blue, late forcing. (2n=30)

orientalis L. ‘Garibaldi’

J.H. van Veen, 1869; flowers bright crimson.

orientalis L. ‘General Köhler’

In cultivation since 1878; flowers double, spike broad, flowers sea-lavender (637/1). (2n=29)

orientalis L. 'Gerrit van der Meij'

G. van der Meij, 1910 intr. 1928; flowers soft crimson-red, mid early forcing.

orientalis L. 'Gertrude'

V. van der Vinne, 1850; spike broad, flowers pink, late forcing. (2n=16)

orientalis L. 'Gertrude Wit'

sport of *orientalis 'Gertrude'*

Flowers white.

orientalis L. 'Gipsy Queen'

G. van der Meij, 1927 intr. 1944; flowers dark salmon (421/1) and apricot (608/1), mid early forcing. (2n=16)

orientalis L. 'Grand Maître'

J.W. van der Veldt, 1873; flowers lobelia-blue 941/2), early forcing. (2n=24)

orientalis L. 'Grand Monarque'

V. van der Vinne, about 1863; flowers pale blue, early forcing.

orientalis L. 'Gus de Hertogh' see *orientalis L. 'Professor de Hertogh'*

orientalis L. 'Hektor'

(*orientalis 'Gipsy Queen'* x *orientalis 'Prins Hendrik'*) x (*orientalis 'Gipsy Queen'* x *orientalis 'Prins Hendrik'*)

I.V.T., 1987; flowers inside buttercup-yellow (CC 14d), with empire-yellow edge (CC 11d) outside chrome-yellow (CC 14d), stem pale green. (2n=16)

orientalis L. 'Helena'

orientalis 'Gipsy Queen' x yellow seedling

I.V.T., 1987; flowers mimosa-yellow (CC 8c) on lighter ground (CC 8d), outside barium-yellow (CC 10c), stem pale green. (2n=16)

orientalis L. 'Helios'

orientalis 'Yellow Hammer' x *orientalis 'Jan Bos'*

I.V.T., 1983; flowers inside ivory-white with chrome-yellow vein (CC 15d), outside aureolin (CC 12c), stem green. (2n=16)

T.G.A.-B.C. 1983

orientalis L. 'Hellas'

orientalis 'Gipsy Queen' x *orientalis 'Prins Hendrik'*

I.V.T., 1980; flowers barium-yellow (CC 10c/d), stem light green. (2n=16)

orientalis L. 'Herakles'

orientalis 'Oranje Boven' x *orientalis 'Gipsy Queen'*

I.V.T., 1985; flowers inside mimosa-yellow (CC 8c/d), outside mimosa-yellow (CC 8c), stem pale green. (2n=16)

orientalis L. 'Heraut'

G. van der Meij; flowers very pale pink.

HYACINTHUS

orientalis L. ‘Hermes’

orientalis ‘Gipsy Queen’ x orientalis ‘Yellow Hammer’

I.V.T., 1985; flowers inside aureolin (CC 12c) with narrow ivory-white edge, outside barium-yellow (CC 10c), stem pale green. (2n=16)

orientalis L. ‘Hermione’

orientalis ‘Gipsy Queen’ x (orientalis ‘Yellow Hammer’ x orientalis ‘Pink Pearl’)

I.V.T., 1987; flowers inside buttercup-yellow (CC 16d) on primrose-yellow ground (CC 4d), outside buttercup-yellow (CC 16c), edge primrose-yellow, stem pale green. (2n=16)

orientalis L. ‘Hindenburg’

orientalis ‘Doctor Lieber’ x unknown seedling

Ant. van der Vlugt; spike large, flowers sky-blue, mid early forcing. (2n=29)

orientalis L. ‘Hollyhock’

orientalis ‘Scarlet Perfection’

sport of orientalis ‘Tubergen’s Scarlet’

A.C. van der Schoot, 1936 intr. 1950; flowers with redouble corollas, sheathed one into another, same colour as **orientalis ‘Tubergen’s Scarlet’**.

orientalis L. ‘Hyperion’

orientalis ‘Gipsy Queen’ x seedling

I.V.T., 1989; flowers inside primrose-yellow (CC 3d), anthers primrose-yellow (CC 3c), outside primrose-yellow (CC 3c), edged somewhat paler (CC 3d). (2n=16)

T.G.A.-B.C. 1989

orientalis L. ‘Ikaros’

orientalis ‘Vuurbak’ x orientalis ‘Ostara’

I.V.T., 1982; flowers inside violet (CC 86d) with darker vein, outside violet (CC 86a) stem blackish. (2n=30)

orientalis L. ‘Imperator’

orientalis ‘Jacques’ x orientalis ‘Courbert’

N. Dames, 1920; spike red, flowers rosy red, early forcing.

E.F.A.-B.C. 1933

orientalis L. ‘Indigo King’

H. Corsten, 1920; flowers indigo-blue.

orientalis L. ‘Iron Duke’

G. van der Meij, 1926 intr. 1944; spike compact, flowers deep pink, late forcing.

orientalis L. ‘Ivanhoe’

About 1920; flowers single, very deep purple-blue.

orientalis L. 'Jac. van der Velde'

M. van Waveren & Sons; flowers single, pure pink, late forcing.

orientalis L. 'Jan Bos'

J. Bos, P. Bijvoet, 1910 intr. 1927; flowers spiraea-red (025), slender, early forcing. (2n=24)

A.M.-B.C. 1927

orientalis L. 'Jeannette'

De Jager, 1946; flowers rose-purple (CC 75b), lower flowers semi-double, upper flowers single.

A.M.-B.C. 1967

orientalis L. 'Jessy'

About 1940; flowers single, blue.

orientalis L. 'Johan Vermeer'

M. van Waveren & Sons; flowers single, light blue, late forcing.

orientalis L. 'Johanna Geertruida' see orientalis L. 'Queen of the Pinks'

orientalis L. 'Kastanjeblom' see orientalis L. 'Chestnut Flower'

orientalis L. 'King Codro'

sport of orientalis 'King of the Blues'

George Vreeburg, 1975; flowers double, dark victoria-violet (CC 89b/d).

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

orientalis L. 'King of the Blues'

F. van Velsen Jr., 1863; flowers indigo-blue, late forcing. (2n=24)

F.C.C.-B.C. 1864

orientalis L. 'King of the Lilacs'

J.H. Veen, 1883; flowers violet. (2n=24)

orientalis L. 'King of the Violets'

sport of orientalis 'King of the Blues'

Intr. 1909; flowers violet, late forcing.

orientalis L. 'Koh-I-Nor'

J.A. Schrama, 1985; flowers inside lobelia-blue (CC 91b) with hyacinth-blue flame (CC 91a), outside tube french-blue (CC 100), petals hyacinth-blue with french-blue vein, stem bronze coloured.

T.G.A.-B.C. 1986

orientalis L. 'Kronos'

orientalis 'Yellow Hammer' x orientalis 'Vuurbaak'

I.V.T., 1982; flowers inside violet (CC 86a/b) veined dull spectrum-violet (CC 83b), outside violet (CC 86a), stem blackish brown. (2n=22)

T.G.A.-B.C. 1982

HYACINTHUS

orientalis L. 'Kroonprinses Margaretha'

orientalis 'Crownprincess Margareth', orientalis 'Margareth'

orientalis 'Lady Derby' x orientalis 'Moreno'

G. van der Meij, 1908 intr. 1924; flowers pale pink, mid early forcing. (2n=24)

A.M.-B.C. 1924, T.G.A.-B.C. 1986

orientalis L. 'Lady Bird'

J.Th. Vink, 1979; flowers china-rose (CC 58c), edged pinkish white, tube
china rose (CC 58d), stem bronze-green.

orientalis L. 'Lady Derby'

J.H. Veen, 1883; flowers rose-pink (427/1), late forcing. (2n=24)

orientalis L. 'La Grandesse'

V. d. Vinne, 1863; flowers single, white, early forcing.

orientalis L. 'Latifa'

De Graaff Bros.; flowers light porcelain-blue, good forcer.

orientalis L. 'La Victoire'

D. Bakker, 1875; spike slender, flowers single, magenta (CC 66b), edged paler,
early forcing. (2n=16)

orientalis L. 'Liberta'

sport of **orientalis 'Doctor Lieber'**

Flowers single, light greyish blue.

orientalis L. 'Lilac Times'

sport of **orientalis 'Grand Maître'**

M. van Waveren; flowers violet, mid early forcing.

orientalis L. 'L'Immaculée'

Before 1900; flowers single, white, with narrow pink stripes.

orientalis L. 'L'Innocence'

V. van der Vinne, 1863; flowers single, ivory white, early forcing. (2n=27)

orientalis L. 'Lord Balfour'

J.W. van der Veldt, 1883; flowers single, wine-coloured violet, paler margin.
(2n=24)

orientalis L. 'Lorelei'

N. Dames; flowers single, light blue, very early forcing.

orientalis L. 'Loveliness'

orientalis 'Frans'

G. van der Veldt, 1956; flowers pale sky-blue, violet tube, Fairy type. (2n=16)

orientalis L. 'Madame Haubensack'

A. Sabelis; spike dense, flowers double, pale rose, late forcing.

orientalis L. 'Madame Krüger'

D.J. Ziegler, 1905; flowers white, early forcing.

orientalis L. 'Madame Sophie'

sport of *orientalis* 'L'Innocence'

J.A. Bronkhorst & Sons; flowers double, white, early forcing. ($2n=27$)

A.M.-B.C. 1929

orientalis L. 'Manja'

G. van der Veld, 1954; flowers single, carmine-red, bulbs small, early forcer.

orientalis L. 'Marconi'

sport of *orientalis* 'Cardinal Wiseman'

Ant. van der Vlugt, 1900; flowers single, deep pink, late forcing. ($2n=24$)

F.C.C.-B.C. 1913

orientalis L. 'Marconi Dubbel'

sport of *orientalis* 'Marconi'

Flowers with redoubled corollas, red.

orientalis L. 'Margaretha' see *orientalis* L. 'Kroonprinses Margaretha'

orientalis L. 'Marianne'

sport of *orientalis* 'Anna Marie'

F. van der Geer, 1961; flowers carmine, veined somewhat paler.

E.F.A.-B.C. 1962

orientalis L. 'Marie'

J. Prinsen, 1860; flowers very dark blue, mid early forcing. ($2n=24$)

orientalis L. 'Mauve King'

P. Langeveld; flowers slender, magenta, paler margin.

A.M.-B.C. 1943

orientalis L. 'Mauve Queen'

J. van Veen, about 1875; flowers violet. ($2n=16$)

orientalis L. 'Meleagros'

orientalis 'Vuurbak' x *orientalis* 'Ostara'

I.V.T., 1987; flowers inside dull spectrum-violet (CC 83c) with narrow dark spectrum-violet vein (CC 83a), edged methyl-violet, outside dark dauphin's-violet (CC 90a), petals methyl-violet (CC 88a), stem brownish black. ($2n=24$)

orientalis L. 'Menelik'

Flowers indigo-blue.

orientalis L. 'Midas'

orientalis 'Delft Blue' x *orientalis* 'Carnegie'

I.V.T., 1980; flowers lobelia-blue (CC 91c) with broad wisteria-blue vein, stem brownish green. ($2n=32$)

HYACINTHUS

orientalis L. 'Minos'

orientalis 'Anna Marie' x orientalis 'Delft Blue'

I.V.T., 1980; flowers methyl-violet (CC 85a) with violet vein, stem bronze-green. (2n=27)

orientalis L. 'Mont Blanc'

orientalis 'L'Innocence' x orientalis 'Myosotis'

Segers Bros., 1944; flowers white, pale yellow anthers, early forcing.
T.G.A.-B.C. 1967

orientalis L. 'Moreno'

J.W. van der Veldt, 1878; flowers pink, early forcing.

orientalis L. 'Morpheus'

orientalis 'Amsterdam' x orientalis 'Gipsy Queen'

I.V.T., 1983; flowers inside veined rhodamine-pink (CC 62a) on pastel mauve ground, outside carmine-rose (CC 52c), with pastel-mauve edge, stem dull greyish brown. (2n=24)

orientalis L. 'Mulberry Rose'

G. van der Mey, 1946; flowers magenta-rose (CC 64b), paler edged, mid early forcing.

orientalis L. 'Myosotis'

orientalis 'La Grandesse' x orientalis 'Marie'

C. Rijnsburger, 1896; flowers large, sky-blue, late forcing. (2n=30)
A.M.-B.C. 1914, F.C.C.-B.C. 1915

orientalis L. 'Nankeen'

M. van Waveren; flowers orange-yellow, late forcing.

orientalis L. 'Nereus'

orientalis 'Jan Bos' x orientalis 'Yellow Hammer'

I.V.T., 1980; flowers amaranth-rose (CC 65a) with broad spiraea-red vein, stem dull greyish brown. (2n=26)

orientalis L. 'Nestor'

orientalis 'Jan Bos' x orientalis

I.V.T., 1983; flowers inside lobelia-blue (CC 91b) with broad methyl-violet vein (CC 88a), outside moorish-blue (CC 93c). (2n=16)

orientalis L. 'Nevada'

G. van der Mey, 1926 intr. 1945; flowers long, pure white, early forcing.
E.F.A.-B.C. 1960

orientalis L. 'Nimrod'

P. Ritter, 1860; flowers slender, pale pink, very early forcing. (2n=19)

orientalis L. 'Nobel'

earlier sport of **orientalis 'Moreno'**

Flowers pink, early flowering, early forcing.

orientalis L. 'Odysseus'

orientalis 'Oranje Boven' x orientalis 'Gipsy Queen'

I.V.T., 1983; flowers inside narrow carrot-red vein (CC 29b) on indian yellow ground, outside cadmium-orange tube changing into chinese-coral vein on whitish ground, anthers black. (2n=16)

orientalis L. 'Oranje Boven'

orientalis 'Salmonetta'

A. van Schie, 1870; spike loose, flowers salmon. (2n=16)

orientalis L. ssp *orientalis*

SC Turkey, NW Syria, Lebanon; flowers pale blue at base, nearly white above, lobes half to four-fifth as long as tube.

orientalis L. 'Orion'

radiation mutation of **orientalis 'Jan Bos'**

I.V.T., 1987; flowers inside shrimp-red, edged dark empire-rose, throat saffron-yellow, outside coral-pink (CC 37a), tipped chinese-coral, stem brownish. (2n=16)

orientalis L. 'Orpheus'

orientalis 'Oranje Boven' x orientalis 'Gipsy Queen'

I.V.T., 1980; flowers brick-red (CC 35c) on paler ground, outside tinted empire-rose. (2n=16)

orientalis L. 'Ostara'

G. van Waveren-Kruyff, intr. by Segers Bros., 1942; flowers pansy-violet with pale purple-blue, early forcing. (2n=25)

E.F.A.-B.C. 1945

orientalis L. 'Pallas'

orientalis 'Delft Blue' x orientalis 'Carnegie'

I.V.T., 1980; flowers white, anthers mimosa-yellow (CC 88c). (2n=28)

orientalis L. 'Panama'

sport of **orientalis 'Lady Derby'**

G. van der Plas Pzn., intr. by G.C. van Meeuwen, 1880; flowers pink.

orientalis L. 'Paul Hermann' (B)

Walter Blom & Son, 1984; flowers with mallow-purple vein (CC 72c) on amethyst-violet ground (CC 75a), outside tube violet-purple (CC 77b), stem bronze-brown. (2n=24)

orientalis L. ‘Peleus’

orientalis ‘Amsterdam’ x orientalis ‘Pink Pearl’

I.V.T., 1983; flowers inside phlox-pink (CC 62c) with broad tyrian-purple vein (CC 57c), outside rhodamine-red (CC 51b), stem ochre-brown. (2n=24)

orientalis L. ‘Perfection’

orientalis ‘Doctor Lieber’ x orientalis ‘L’Innocence’

M. Veldhuyzen van Zanten; flowers pale blue, early forcing. (2n=29)

orientalis L. ‘Perle Brillante’

In cultivation before 1895; flowers inside sky-blue, outside gentian-blue (42/1). (2n=31)

orientalis L. ‘Perseus’

orientalis ‘Amsterdam’ x orientalis ‘Pink Pearl’

I.V.T., 1982; flowers inside phlox-pink with rhodonite-red vein (CC 51a), outside violet-red (CC 180b), stem brown. (2n=24)

T.G.A.-B.C. 1982

orientalis L. ‘Peter Stuyvesant’

M.C. Zonneveld & Sons, 1987; flowers inside dull spectrum-violet, outside dark spectrum-violet, veined dauphin’s-violet, stem bronze.

orientalis L. ‘Pink Diamond’

C.J. Zonneveld & Son, 1988; flowers inside roseine-purple (CC 68b) with mallow-purple (transparent) edge (CC 73d), outside spiraea-red (CC 63c) with mallow-purple stripes (CC 73b), at top outer petals small china-rose stripe and tipped yellow-green (CC 145a/b).

T.G.A.-B.C. 1988

orientalis L. ‘Pink Pearl’

orientalis ‘Queen Marie Sophie’ x orientalis ‘Gertrude’

J.W.A. Lefever, 1922; flowers fuchsin-purple (CC 67b/c), edged paler, early forcing. (2n=16)

E.F.A.-B.C. 1932

orientalis L. ‘Pink Perfection’

Th. Langeveld, 1972; flowers fuchsin-red (CC 61c), edged paler solferino-purple (CC 65 c).

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

orientalis L. ‘Pink Royal’

sport of orientalis ‘Queen of the Pinks’

G. Vreeburg, 1975; flowers double, tyrian-purple (CC 61c), edged phlox-pink.

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

orientalis L. 'Pink Surprise' (B)

orientalis 'Pink Pearl' x *orientalis* 'Marconi'

C.J. Zonneveld & Sons, 1984; flowers inside nevron-rose vein (CC 55b) on white ground, outside nevron-rose.

orientalis L. 'Polar Giant' (B)

C.J. Zonneveld & Sons, 1989; flowers inside ivory white (CC 155b), anthers mimosa-yellow (CC 8b), outside ivory white (CC 155a), edged somewhat paler.

orientalis L. 'Prince Henry' see *orientalis* L. 'Prins Hendrik'

orientalis L. 'Prins Albert'

sport of *orientalis* 'Gertrude'

In cultivation since 1900; flowers double, deep pink.

orientalis L. 'Prins Hendrik'

orientalis 'Prince Henry'

M. van der Vlugt, 1910; flowers aureolin (3), early forcing. (2n=16)

F.C.C.-B.C. 1913

orientalis L. 'Prinses Irene'

sport of *orientalis* 'Pink Pearl'

Segers Bros., 1930; flowers pale pink, early forcing. (2n=16)

orientalis L. 'Prinses Maria Christina'

P. Hopman; flowers apricot.

T.G.A.-B.C. 1948

orientalis L. 'Professor de Hertogh'

orientalis L. 'Gus de Hertogh'

M.C. Zonneveld & Sons, 1988; flowers inside dark victoria-violet (CC 89c), veined deep sea-blue, outside tube moorish-blue (CC 93a), petals dark victoria-violet (CC 89c), veined deep sea-blue (CC 103a).

orientalis L. 'Prometheus'

orientalis 'Amsterdam' x *orientalis* 'Gipsy Queen'

I.V.T., 1983; flowers inside pale solferino-purple (CC 65c) narrow vein (CC 54a) with spinel-red, outside nevron-rose (CC 55b), stem bronze. (2n=22)

orientalis L. 'Proteus'

orientalis 'Vuurbak' x *orientalis* 'Pink Pearl'

I.V.T., 1982; flowers inside pale solferino-purple (CC 65c) with small tyrian-purple vein, outside cherry-red (CC 53d), stem pale brown. (2n=23)

HYACINTHUS

orientalis L. ‘Purple Beauty’

orientalis ‘Delft Blue’ x orientalis ‘Lord Balfour’

G.Th. Weijers, L.B. Kaptein’s Zonen, 1984; flowers inside plum-purple (CC 79c/CC 77a) with narrow methyl-violet edge, outside violet (CC 86a), stem bronze.

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

orientalis L. ‘Purple King’

L. Roozen & Son, 1909; flowers pale purple. (2n=24)

orientalis L. ‘Queen of the Blues’

A.J. van der Veldt, 1870; flowers cambridge-blue. (2n=24)

orientalis L. ‘Queen of the Pinks’

orientalis ‘Johanna Geertruida’, orientalis ‘Rebecca’

sport of **orientalis ‘King of the Blues’**

Sel. about 1903; flowers deep pink, late flowers. (2n=24)

orientalis L. ‘Queen of the Violets’

sport of **orientalis ‘King of the Blues’**

Flowers violet, late flowering.

orientalis L. ‘Queen of the Whites’

sport of **orientalis ‘Queen of the Blues’**

D. Bakker, 1875; flowers white, late forcing. (2n=27)

orientalis L. ‘Rebecca’ see **orientalis L. ‘Queen of the Pinks’**

orientalis L. ‘Red Beauty’

C. Geerlings, H. Verdegaal & Sons, 1977; flowers rhodonite-red, fading into spiraea-red, stem bronze-green.

T.G.A.-B.C. 1979

orientalis L. ‘Red Pearl’

sport of **orientalis ‘Pink Pearl’**

R.Th. Smakman & Sons, 1984; flowers rose-bengal (CC 57c) on neyron-rose ground, outside carmine (CC 52b).

orientalis L. ‘Rhapsody in Blue’

orientalis ‘Schotel’ x orientalis ‘Ostara’

Konijnenburg & Mark, 1978; flowers methyl-violet (CC 85c) with long violet vein, stem violet-grey.

orientalis L. ‘Rosalie’

sport of **orientalis ‘Nimrod’ x orientalis ‘Garibaldi’**

G. van Waveren-Kruyff, intr. by Eggink Bros.; flowers pale pink, small bulbs, very early forcing. (2n=17)

E.F.A.-B.C. 1948

orientalis L. 'Rosette'

sport of *orientalis* 'Delight'

G. Vreeburg, 1971; flowers double, pale neyron-rose (CC 55d)

T.G.A.-B.C. 1971

orientalis L. 'Royal Blue'

J.A. Schrama, 1985; flowers methyl-violet (CC 85c) with broad violet vein (CC 86d), outside tube cornflower-blue (CC 96d), edged mineral-violet (CC 84d), stem bronze-green.

T.G.A.-B.C. 1986

orientalis L. 'Salmonetta' see *orientalis* L. 'Oranje Boven'

orientalis L. 'Saturnus'

orientalis 'Vuurbaak' x *orientalis* 'La Victoire'

I.V.T., 1987; flowers tyrian-purple (CC 61) to rose-bengal veined on mallow-purple ground (CC 73c), outside spiraea-red (CC 63b), stem brownish. (2n=24)

orientalis L. 'Scarlet Perfection' see *orientalis* L. 'Hollyhock'

orientalis L. 'Schotel'

V. van der Vinne, 1863; spike large, flowers sky-blue.

orientalis L. 'Sheila'

earlier sport of *orientalis* 'Prinses Irene'

Sel. by Segers Bros., 1946; flowers pale pink, same colour as 'Prinses Irene', early forcing.

E.F.A.-B.C. 1968

orientalis L. 'Sky Jacket'

C.J. Zonneveld & Sons, 1976; flowers wisteria-blue (CC 92a/c), midrib somewhat darker, anthers very pale yellow.

T.G.A.-B.C. 1976

orientalis L. 'Sneeuwwitje'

orientalis 'Snowwhite'

sport of *orientalis* 'Borah'

P. van Reisen, 1950; spike slender, flowers white, Fairy type.

A.M.-B.C. 1960

orientalis L. 'Snow Pearl'

sport of *orientalis* 'Pink Pearl'

M. Beelen, 1975; flowers white, anthers black, early forcing.

orientalis L. 'Snow Queen'

sport of *orientalis* 'Early Queen of the Blues'

Verdegaal Bros, 1945; flowers white.

orientalis L. 'Snowwhite' see *orientalis* L. 'Sneeuwwitje'

HYACINTHUS

orientalis L. 'Splendid Cornelie'

orientalis 'Marie' x orientalis 'Cycloop'

G.Th. Weijers, L.B. Kaptein's Zonen, 1984; flowers inside violet-purple vein (CC 77b) on pale pastel-mauve ground, outside mineral-violet with hyacinth-blue veins.

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

orientalis L. 'Sylvester'

orientalis 'Delft Blue' x orientalis 'Lord Balfour'

G.Th. Weijers, L.B. Kaptein's Zonen, 1984; flowers inside lobelia-blue (CC 91c) veined with dauphin's violet (CC 90a/c), outside tube cornflower-blue (CC 96d).

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

orientalis L. 'Theseus'

orientalis 'Amsterdam' x orientalis 'Gipsy Queen'

I.V.T. 1980; flowers neyron-rose on paler ground (CC 55a/d), stem bronze. (2n=22)

orientalis L. 'Thunderbird'

J.Th. Vink, 1979; flowers neyron-rose (CC 55b) with darker vein (CC 55a), tube neyron-rose (CC 55b).

orientalis L. 'Tubergen's Scarlet'

sport of **orientalis 'Distinction'**

Van Tubergen, 1920; spike small, slender, flowers crimson-red, early forcing. (2n=16)

A.M.-B.C. 1920

orientalis L. 'Twin Mary'

sport of **orientalis 'Anna Marie'**

Van den Berg-Yokohama, 1983; flowers double, spinel-red (CC 54b) on pinkish white ground, outside veined poppy-red.

orientalis L. 'Valentine'

M.C. Zonneveld, 1989; flowers inside phlox-pink (CC 62c/d) with narrow ivory white edge (CC 155c) towards centre changing into rhodamine-pink (CC 62a), anthers barium-yellow (CC 11b), outside phlox-pink (CC 62d), veined darker.

T.G.A.-B.C. 1989

orientalis L. 'Vanguard'

orientalis Fairy type x orientalis 'Rosalie'

Chr. Egging Jr., 1943 intr. 1957; flowers wisteria-blue (640/2), very early forcing.

orientalis L. 'Veenenburg' see **orientalis L. 'Dreadnought'**

orientalis L. 'Venus'

orientalis 'King of the Blues' x orientalis 'Jan Bos'

I.V.T., 1987; flowers inside spiraea-red (CC 63a) on magenta-rose ground (CC 64c), outside spiraea-red (CC 63b) with broad china-rose vein (CC 58c), stem dark brown. (2n=24?)

orientalis L. 'Victory Day'

sport of **orientalis 'La Victoire'**

Van Tubergen; flowers double, reddish (CC 66b), edged paler.

orientalis L. 'Viking'

earlier sport of **orientalis 'Ostara'**

Segers Bros., 1969; flowers moorish-blue (CC 93b) edged paler, early forcing.
E.F.A.-B.C. 1969, F.C.E.T.A.-B.C. 1972

orientalis L. 'Violet Pearl'

sport of **orientalis 'Pink Pearl'**

G.H. van Went & Sons, 1970; flowers mallow-purple (CC 72b) edged paler,
early forcing.

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

orientalis L. 'Vuurbaak'

orientalis 'Anna Marie' x orientalis 'Jan Bos'

C.J. Zonneveld, 1948; flowers tyrian-purple (727/2), early forcing. (2n=30)

E.F.A.-B.C. 1972, T.G.A.-Hillegom 1980

orientalis L. 'Wedgwood'

sport of **orientalis 'King of the Blues'**

J.H. Veldhuyzen van Zanten, 1930; flowers deep blue, late forcing.

orientalis L. 'Weijers Favourite'

orientalis 'Lord Balfour' x orientalis 'Delft Blue'

G.Th. Weijers, L.B. Kaptein's Zonen, 1984; flowers violet-purple (CC 77a)
with plum-purple vein, edged hyacinth-blue, outside violet (CC 86a).

orientalis L. 'White Christmas'

sport of **orientalis 'Nettie'**

S.S. Kuyper Jzn.; flowers white, slender, early forcing.

E.F.A.-B.C. 1953

orientalis L. 'White Giant'

sport of **orientalis 'Blue Giant'**

Verdegaal Bros., 1971; flowers white, anthers pale yellow.

orientalis L. 'White Pearl'

sport of **orientalis 'Pink Pearl'**

A.C. Paardekoper, 1954; flowers white, anthers yellow.

HYACINTHUS

orientalis L. ‘Yellow Hammer’

J.H. Veen, 1883; flowers creamy yellow, late forcing. (2n=16)

orientalis L. ‘Yellow Queen’

sport of **orientalis ‘Gipsy Queen’**

J.S. Pennings, 1988; flowers inside dresden-yellow (CC 5d), outside mimosa-yellow (CC 8c), edged paler.

T.G.A.-B.C. 1988

orientalis L. ‘Zeus’

orientalis ‘Delft Blue’ x orientalis ‘Anna Marie’

I.V.T., 1985; flowers inside nevron-rose (CC 55c) on pinkish ground, outside tube shell-pink, petals pinkish white with coral pink vein, pale brown tip at the top. (2n=29)

romanus L. see *Bellevalia romana* (L) Reichb.

transcaspicus Litv.

kopetdaghi Czerniak.

USSR (Turkmenistan), NE Iran; flowers dark or medium violet-blue, lobes shorter than tube, filaments longer than anthers, early spring flowering.

HYMENOCALLIS

Hymenocallis Salisb.

Syn: *Elisena* Herbert, *Ismene* Salisb., *Choretis* Herbert

Family: Amaryllidaceae

Literature: The European garden flora I: 323-325, 1986.

Hymenocallis species in the trade are often offered under its synonym *Ismene*

‘Advance’

Ismene calathina (Ker Gawler) Herbert ‘Advance’

narcissiflora (Jacq.) J.F. Macbr. x *speciosa* (Salisb.) Salisb.

Tubergen; flowers pure white, throat with yellow stripes, leaves bright green, spring flowering.

A.M.-B.C. 1932

amancaes (Ruiz Lopez & Pavon) Nicholson

Ismene amancaes (Ruiz Lopez & Pavon) Herbert

Peru, 1809; flowers deep yellow, stalkless or shortly stalked, leaves bright green, summer flowering. (2n=46)

A.M.-R.H.S. 1930

calathina (Ker Gawler) Nicholson see *narcissiflora* (Jacq.) J.F. Macbr.

‘Daphne’

speciosa (Salisb.) Salisb. x *narcissiflora* (Jacq.) J.F. Macbr.

Tubergen; flowers large, white, leaves bright green, spring flowering. (2n=92)

festalis (Worsley) Schmarse

Ismene festalis Worsley

narcissiflora (Jacq.) J.F. Macbr. x **longipetala** (Lindl.) J.F. Macbr.

P.J. Worsley, 1910; flowers white, with small defined green base.

A.M.-B.C. 1919, F.C.C.-B.C. 1933, A.M.-R.H.S. 1911

festalis (Worsley) Schmarse 'Zwanenburg'

Tubergen, 1912; flowers ivory white in large umbel.

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

harrisiana Herbert

Mexico, before 1840; flowers white, dwarfish growth, spring-summer flowering. ($2n=44$)

lacera Salisb. see **rotata** (Ker Gawler) Herbert

longipetala (Lindl.) J.F. Macbr.

Elisena longipetala Lindl.

Ecuador, Peru; flowers white, summer flowering.

narcissiflora (Jacq.) J.F. Macbr.

calathina (Ker Gawler) Nicholson, *Ismene calathina* (Ker Gawler) Herbert

Peru, Bolivia, 1796; flowers white, fragrant, leaves dark green, summer flowering.

rotata (Ker Gawler) Herbert

lacera Salisb.

Jamaica, S USA, 1790; flowers white in large umbel, spring flowering.

speciosa (Salisb.) Salisb.

W Indies, 1759; flowers white to greenish, in a very large umbel, autumn-winter flowering. ($2n=46$)

A.M.-R.H.S. 1927

'Sulphur Queen'

narcissiflora (Jacq.) J.F. Macbr. x **amancaes** (Ruiz Lopez & Pavon) Nicholson

Tubergen, 1830; flowers primrose-yellow, 6 per umbel, throat light yellow with green stripes. ($2n=74$)

F.C.C.-R.H.S. 1880

'Zwanenburg' see **festalis** (Worsley) Schmarse 'Zwanenburg'

IONOXALIS

Ionoxalis Small see **Oxalis** L.

Family: **Oxalidaceae**

lasiandra (Zucc.) Rose see **Oxalis lasiandra** Zucc.

IONOXALIS

martiana (Zucc.) Small see **Oxalis corymbosa** DC.

IPHEION

Ipheion Raf.

Family: Liliaceae

Literature: The European garden flora I: 247, 1986.

'Album' see **uniflorum** (Lindl.) Raf. 'Album'

'Froyle Mill' see **uniflorum** (Lindl.) Raf. 'Froyle Mill'

'Rolf Fiedler' see **uniflorum** (Lindl.) Raf. 'Rolf Fiedler'

uniflorum (Lindl.) Raf.

Brodiaea uniflora (Lindl.) Engl., *Milla uniflora* (Lindl.) Graham, *Triteleia uniflora* Lindl.

Uruguay, warm-temperate Argentina, 1832; flower white or violet-blue, solitary, perianth with narrowly bell-shaped tube and spreading lobes, lobes rather longer than tubes, scape 25-35 cm, spring flowering.

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

uniflorum (Lindl.) Raf. 'Album'

Broadleigh, 1881; flower almost white, with small hyacinth-blue midrib, stem 35 cm, February-May flowering, occasionally in autumn again.

uniflorum (Lindl.) Raf. 'Froyle Mill'

Flower deep, dusky violet.

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

uniflorum (Lindl.) Raf. 'Rolf Fiedler'

Argentina; flower bright blue, stem 10-15 cm, February-May flowering.

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

uniflorum (Lindl.) Raf. 'Violaceum'

Since 1884; flower almost white with broad hyacinth-blue midrib (40/2).

uniflorum (Lindl.) Raf. 'Wisley Blue'

Triteleia uniflora Lindl. 'Wisley Blue'

Grown in Wisley Gardens from unknown provenance, intr. by Tubergen in 1961; flower fairly large, deep blue, in profusion.

'Violaceum' see **uniflorum** (Lindl.) Raf. 'Violaceum'

'Wisley Blue' see **uniflorum** (Lindl.) Raf. 'Wisley Blue'

IRIS**Iris L.**

Family: Iridaceae

Literature: The European garden flora I: 334-354, 1986; B. Mathew, The Iris, 1981.

acutiloba C. Meyer

S USSR, Iran; flowers 5-7 cm in diameter, whitish, strongly veined with brown or grey, the segments rather pointed, falls with a sparse purplish or brownish beard and 2 dark red-brown or blackish spots, one in the centre, one at the apex, leaves grey-green, bracts green or slightly pinkish, spring-early summer flowering.

A.M.-R.H.S. 1975

'Adonis' see Dutch Iris group 'Adonis'

'Afterglow' see xiphium L. 'Afterglow'

aintabensis hort. see *histrio* H.G. Reichb. var *aintabensis* hort.*alata* Poiret see *planifolia* (Miller) Fiori & Paol.*alatica* hort. see *persica* L.*alba* Dykes see *vartanii* Foster var *alba* Dykes*amankutanica* Vved. see *willmottiana* Foster*amasiana* Bornm. see *danfordiae* (Baker) Boiss.

'Amber Beauty' see Dutch Iris group 'Amber Beauty'

'Amphion' see Regelio-cyclus group 'Amphion'

'Ancilla' see Regelio-cyclus group 'Ancilla'

'Andromache' see Regelio-cyclus group 'Andromache'

'Angel's Tears' see *histrioides* (G. Wilson) S. Arnott 'Angel's Tears'

'Angel's Wings' see Dutch Iris group 'Angel's Wings'

anglica Steudel see *latifolia* (Miller) Voss

'Animato' see Dutch Iris group 'Animato'

'Apollo' see Dutch Iris group 'Apollo'

'Aristocrat' see *latifolia* (Miller) Voss 'Aristocrat'

'Artemis' see Regelio-cyclus group 'Artemis'

'Artist' see Dutch Iris group 'Artist'

'*Arturo Toscanini*' see Dutch Iris group 'Arturo Toscanini'

atropurpurea Baker

Israel (Gaza & Negev Regions), 1889; flowers 8 cm in diameter, very dark or blackish purple, the beard-hairs short, yellow, signal-patch blackish, leaves sickle-like, rhizomes often produce stolons. (2n=20)

aucherri (Baker) Sealy

fumosa Boiss., *sindjarensis* Boiss. & Hausskn.

SE Turkey, N Iraq, Jordan, N Syria, NW Iran, 1889; flowers 3-6, standards hyacinth-blue, falls with narrow yellow midrib, wavy margin, leaves green, concealing the stem, March flowering. (2n=22)

A.M.-R.H.S. 1890

'*Aviateur*' see Dutch Iris group 'Aviateur'

'*Azure Beauty*' see Dutch Iris group 'Azure Beauty'

bakerana Foster

SE Turkey, N Iraq, W Iran, intr. by M. Leichtlin, 1889; standards wisteria-blue (CC 92a), falls to the top regular striped dauphin's-blue (CC 90), with a broad, dark violet edge (CC 89a), blotch spotted mimosa-yellow on dauphin-violet ground, leaves almost cylindric, late winter-spring flowering; very much like *reticulata* Bieb. (2n=20)

F.C.C.-B.C. 1897

'*Barcarolle*' see Regelio-cyclus group 'Barcarolle'

barnumae Baker & Foster

E Turkey, NE Iraq and adjacent Iran, 1888; flowers 7-8 cm in diameter, wholly deep purplish violet with little veining on the segments, beard is a narrow strip of yellow hairs, sometimes tipped with purple, sometimes whitish or creamy, signal-patch small, slightly darker than rest, leaves curved, grey-green, May-June flowering. (2n=20)

A.M.-R.H.S. 1902

battandieri Foster see *xiphium* L. var *battandieri* Foster

'*Bellevue*' see Dutch Iris group 'Bellevue'

'*Benny*' see Dutch Iris group 'Benny'

bispathacea Spach see *Hermodactylus tuberosus* (L.) Miller

'*Bleu Aimable*' see Dutch Iris group 'Bleu Aimable'

'*Blue Beauty*' see Dutch Iris group 'Blue Beauty'

'*Blue Bird*' see Dutch Iris group 'Blue Bird'

'Blue Champion' see Dutch Iris group 'Blue Champion'

'Blue Diamond' see Dutch Iris group 'Blue Diamond'

'Blue Elegance' see Dutch Iris group 'Blue Elegance'

'Blue Favourite' see Dutch Iris group 'Blue Favourite'

'Blue Giant' see Dutch Iris group 'Blue Giant'

'Blue Haze' see Dutch Iris group 'Blue Haze'

'Blue Heaven' see Dutch Iris group 'Blue Heaven'

'Blue Magic' see Dutch Iris group 'Blue Magic'

'Blue Pearl' see Dutch Iris group 'Blue Pearl'

'Blue River' see *xiphium* L. 'Blue River'

'Blue Sail' see Dutch Iris group 'Blue Sail'

'Blue Star' see Dutch Iris group 'Professor Blaauw Special'

'Blue Triumphator' see Dutch Iris group 'Blue Triumphator'

'Blue Veil' see *reticulata* M. Bieb. 'Blue Veil'

'Bocena' see *Regelio-cyclus* group 'Bocena'

boissieri Henriq.

diversifolia Merino

N Portugal; purple-violet with orange blotch, beard on the falls, June flowering.

(2n=36)

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

bornmulleri Hausskn. see *danfordiae* (Baker) Boiss.

'Bronze Beauty'

hybrid of *hoogiana* Dykes

Tubergen; standards heliotrope-violet, falls dark violet edged cinnamon-brown.

'Bronze Melody' see Dutch Iris group 'Bronze Melody'

'Bronze Perfection' see Dutch Iris group 'Bronze Perfection'

'Bronze Queen' see Dutch Iris group 'Bronze Queen'

bucharica Foster

orchioides hort.

S USSR, NE Afghanistan (E Bokhara), intr. by Tubergen, 1901;

Flowers 2-6, golden-yellow to almost white, blade of falls with blotches of

green, brownish or dull violet on either side of yellow ridge, leaves bright

glossy green with whitish margins, April flowering. (2n=22)

F.C.C.-R.H.S. 1902, A.M.-R.H.S. 1980

- bucharica* Foster var *alba* hort.
willmottiana Foster var *alba* hort.
Intr. by Tubergen; flowers pure white, from the leaf-axils.
- '*Cajanus*' see *xiphium* L. '*Cajanus*'
- '*Camilla*' see *Regelio-cyclus* group '*Camilla*'
- '*Canary Beauty*' see Dutch Iris group '*Canary Beauty*'
- '*Canary Bird*' see *xiphium* L. '*Canary Bird*'
- '*Cantab*' see *reticulata* M. Bieb. '*Cantab*'
- '*Carmen*' see Dutch Iris group '*Carmen*'
- '*Casablanca*' see Dutch Iris group '*Casablanca*'
- '*Charon*' see *Regelio-cyclus* group '*Charon*'
- '*Chione*' see *Regelio-cyclus* group '*Chione*'
- '*Clairette*' see *reticulata* M. Bieb. '*Clairette*'
- '*Clara*' see *Regelio-cyclus* group '*Clara*'
- '*Clotho*' see *Regelio-cyclus* group '*Clotho*'
- '*Concolor*' see *korolkowii* Regel '*Concolor*'
- '*Cornelia*' see Dutch Iris group '*Cornelia*'
- '*Côte d'Azur*' see Dutch Iris group '*Côte d'Azur*'
- '*Count of Nassau*' see *xiphium* L. '*King of the Blues*'
- '*Covent Garden*' see Dutch Iris group '*Covent Garden*'
- '*Cream Beauty*' see Dutch Iris group '*Cream Beauty*'
- crociformis* Freyn see *danfordiae* (Baker) Boiss.
- '*Crown Jewel*' see Dutch Iris group '*Crown Jewel*'
- cycloglossa** Wendelbo
SW Afghanistan; flowers 1-3, clover-scented, blue violet, falls white towards the centre of the blade, with a yellow blotch, but no raised ridge, May-June flowering. ($2n=28$)
A.M.-R.H.S 1980
- danfordiae** (Baker) Boiss.
amasiana Bornm., *bornmulleri* Hausskn., *crociformis* Freyn
Turkey, intr. by Mrs. Danford, 1876; flowers bright yellow, sweet scented, blade of falls with a deep yellow or orange central ridge, surrounded by sparse green spots, February flowering. ($2n=27, 28$)
F.C.C.-Amsterdam 1891, F.C.C.-R.H.S. 1891