

# Checklist of ornamental *Allium* species and cultivars currently offered in the trade

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(Deadline of the manuscript: 20 December 2014, published in the Internet at 15 March 2015)

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## General introduction

Though *Allium* species and cultivars constitute only a small part of the huge diversity of the commercially available bulb plants, *Allium* is one of the largest genera of monocots and is disreputable for a complicated taxonomic structure. The different taxonomies currently still in use are partly referring to the last *Allium* monograph of Regel (1875; about 260 accepted species with about 260 synonyms, *Nothoscordum*, *Nectaroscordum* and *Caloscordum* included in *Allium*, 6 sections and many unnamed subdivisions). During 50 years after Regel's monograph (till 1925) about 375 valid *Allium* species were newly described, but Krause (1930) mentioned only about 280 species for *Allium* (excl. *Nothoscordum* and *Caloscordum*) contributing thus to the then existing confusion. In the next period up to 1990, again about 400 valid species were described, and Stearn (1992) accepted about 750 species for *Allium* (excluding *Nothoscordum*, *Nectaroscordum* and *Caloscordum*). After 1990 till 2014, again 235 species and intraspecific taxa were newly described, and at the end of 2014 the number of accepted *Allium* species exceeded 930 (excluding *Nothoscordum* but including *Nectaroscordum*, *Milula*, and *Caloscordum*; Kew World Checklist). This seems a realistic estimation against the background of more than 1700 known *Allium* synonyms.

*Allium* species are known since ancient times. The early reports known focus on species used by man as spices, vegetables, and medical plants. Common onion, garlic, rakkyo and some more own world-wide or at least continent-wide importance as cultivated plants, others are only regionally and locally cultivated, or are collected in the wild for consumption. Characterizing chemical compounds in *Allium* plants are polysaccharids (mainly fructans), polyphenols, saponins, and especially several compounds of the sulfur-containing amino acid cysteine whose enzymatic degradation products are responsible for most of the medical, olfactory, and taste properties of the consumed plant parts. Other compounds contribute to the remarkable tonic properties of some species (Keusgen & Fritsch 2008). The different amounts of chemical compounds are responsible for the often strong and extremely varying odor and taste of different *Allium* plants. Only some species of subg. *Melanocrommyum* may be nearly odorless.

*Allium* plants exhibit a wide range of different phenotypes, many of them with high ornamental value. One can assume that also the ornamental value of many *Allium* species was known since ancient times, and some of them entered the ornamental and medical garden plots much earlier than in medieval times when some inventories mentioned *Allium* species. Already in pre-Linnean times a few *Allium* species were scientifically recognized from cultivated specimens, a practice still more evident in later centuries when botanical gardens and other research collections were established. If a species was described from garden plants, this does not automatically present evidence for being already present in many gardens and offered in the

trade at the very time when described. During the last two decades, rather many ornamental *Allium* species and cultivars were introduced into the bulb trade, and the checklist of the Dutch Royal Bulbgrowers Association (KAVB 1991) is outdated now. There was also much progress in the classification of *Allium*, and the "classical" affiliation of species to a handful of sections was replaced by a much more detailed classification. Therefore the modern affiliation of species is added, that also includes information about genetic relationships.

## About this list

This list of ornamental *Allium* species and cultivars presents **about 250 species** (plus c. 50 synonyms and spelling variants, and c. 20 hybrids and intraspecific taxa), and **240 cultivars**.

It was compiled using recent catalogues (printed ones and in electronic form), and other kinds of offers of plant and bulb traders. These sources were especially analyzed for ornamental properties. Species and cultivars solely offered as vegetables, spice or medical plants were ignored, but those with dual use including ornamental characters were accepted. The formulations marking this borderline were sometimes diffuse, and thus there was a visible subjective influence. Catalogues of botanic gardens and of societies of plant enthusiasts were not considered because such institutions and the members of those organizations intend to complete own collections and not to broadcast plants of ornamental value.

### **Species and after them the cultivars are arranged in alphabetical order.**

The contents of most columns was copied from the sources used and unites different information in many cases -- too often single sources delivered incomplete or contradictory (separated by a slash) information. These data were not completed from taxonomic sources like Floras because cultivated plants may have been selected for morphological and physiological characters rarely met in wild plants. In those cases one or several column fields remained void for a certain item. The "**origin**" column mentions the offspring of a cultivar or the source of the material distributed in the trade (not the natural area of distribution of a species!) as far as available in the sources. Horticultural assessments (like "A.M." = Award of Merit), it was added to the column "**Use**" if suitable information was found. The column "**Remarks**" contains mainly additional information selected by the compiler, "very rarely offered" means found in 1-2 catalogues, "rarely offered" in 3-5 catalogues. The column "**Classification**" presents the affiliation to subgenera and sections according to Friesen et al. (2006), Khassanov et al. (2011, 2013), Fritsch et al. (2010), and Fritsch (2012) accepting 15 subgenera and about 80 sections. Also this classification is still under discussion and represents no more than an contemporary approach to a natural classification. Despite former *Allium* classifications used sections in a much wider sense (*sensu lato* = *s. lat.*) including also species separated in other groups today, nomenclatural rules order these sections (and also a few subgenera) to remain in use. Commonly they comprise today less species (they are applied in the narrow sense = *sensu stricto* = *s. str.*). Therefore these additions were given where necessary.

The taxonomic identity of the species and cultivars listed could not be checked, but the compiler intended to use orthographically correct binomina and author names according to the present rules of the International Code of Nomenclature for Algae, Fungi and Plants. Botanically undescribed names used in catalogues were marked by the author name "hort." (= hortorum, of gardens). The compiler changed scientific names only in those cases when it seemed him unavoidable in cases of clear errors, but expressed his doubts about correct names in some more cases. It remains a matter of opinion whether a plant seller is responsible for the correct as possible naming of botanical species and of photos accompanying the offer -- is an (perhaps only orthographically) incorrect name generally an important fault of these goods, or only clear mis-identifications? Also in these cases the borderline is diffuse ... No doubt that botanical gardens and other research or teaching collections are subject to more strict rules regarding correct determinations and botanical names.

Cultivar names affiliated in this list may be registered trademarks being subject to restricted commercial use.

## List of species, hybrids, and intraspecific taxa

Taxon	Origin	Specific characters	Flowering period	Use	Remarks	Classification
<i>Allium acuminatum</i> Hook. syn. <i>A. murrayanum</i> Regel		Leaves 1-2, shorter than the 10-15 / 30 cm scape, heads 5-7 cm with few/12-30 bright pink to reddish-purple / deep rose to white flowers, tepals gracefully curling outward and tapering into a sharp tip	May? July / spring	Herbaceous beds, rock gardens 1949 A.M.	Already cultivated in the 1880ies (as <i>A. murrayanum</i> )	subg. <i>Amerallium</i> sect. <i>Molium</i> s. str.
<i>Allium acutiflorum</i> Loisel.	S. France	Scape 40 cm, dense umbels up to 5 cm in diam. with large pink flowers	Early summer	Rock gardens	Rarely offered	subg. <i>Allium</i> sect. <i>Allium</i>
<i>Allium aflatunense</i> B. Fedtsch. (in the strict sense)	Chatkal mountain range, Kyrgyzstan	Scape 1.2 m, umbel dense, flowers bright violet		Herbaceous beds	Very rarely offered. Aflatun is no Iranian province but a valley and pass in Kyrgyzstan from which the name was deduced. <i>A. aflatunense</i> of bulb trade: see <i>A. hollandicum</i>	subg. <i>Melanocrommyum</i> sect. <i>Acmopetala</i>
<i>Allium akaka</i> auct., non <i>A. akaka</i> S.G. Gmel. ex Schult. & Schult. f. s. str.		Leaves 1-2, broad thick, green-grey, scape 5-15 cm, umbel loose, hemispherical, flowers cream to pinkish / lilac, tepals recurved, after bloom starry	June / summer	Rock gardens	This name was used for different taxa sharing a low stature, broad short leaves, and dense, semi-globose umbels with pink flowers. Judging from the pictures in some catalogues, <i>A. akaka</i> s. str. was not offered in the bulb trade, but most often <i>A. subakaka</i>	subg. <i>Melanocrommyum</i> sect. <i>Acanthoprason</i>
<i>Allium alaicum</i> Vved.	Near Fergana town, Uzbekistan	Leaves much shorter than the 30-70 cm scape, with long reflexed hairs, umbel hemispherical, many-flowered, fairly lax, flowers light violet / greenish pink, tepals with darker veins, later reflexed and twisted	spring-summer	Sunny position and excellent drainage, long summer dormancy	An inconspicuous and short-living species, very rarely offered	subg. <i>Melanocrommyum</i> sect. <i>Acmopetala</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium albidum</i> Fischer ex Bieb. (incl. subsp. <i>caucasicum</i> (Regel) Stearn	Synonym of <i>A. denudatum</i>					
<i>Allium albopilosum</i> C.H. Wright	Synonym of <i>A. cristophii</i>				Most bulb trader firms include it as synonym only, rarely offered separately	
<i>Allium alexeianum</i> Regel	Zaamin, Turkestan Range, and Astara Soru, Uzbekistan	Leaves 1-3, elliptic blue-green, longer than the 10-25 cm scape, head loose, pedicels unequal, flowers star-like, tepals greenish white with purple mid-vein, finally stiff and spiky	May ? June / spring-summer / June - July	Rock gardens, dry bouquets	This name is sometimes used instead of <i>A. nevskianum</i>	subg. <i>Melanocrommyum</i> sect. <i>Kaloprason</i>
<i>Allium allegheniense</i> Small		Flowers very deep rose			Similar to <i>A. cernuum</i> and commonly regarded as its synonym	subg. <i>Amerallium</i> sect. <i>Lophioprason</i>
<i>Allium altaicum</i> Pallas		Scape 12-70 cm, umbel dense, many-flowered, flowers yellowish	June - August	Sunny beds	Leaves and bulbs are commonly eaten, but thick-leaved forms own ornamental value in springtime	subg. <i>Cepa</i> sect. <i>Cepa</i>
<i>Allium altissimum</i> Regel	E Kopet-Dag, Turkmenistan	Similar to <i>A. stipitatum</i> , but leaves hairless, 3-6 cm wide, green, scape 90-120 cm, head denser, flowers deep carmine-violet with darker mid-vein	May - June / spring	Herbaceous beds, solitary plants, cut flowers, dry bouquets	The separation from <i>A. stipitatum</i> is problematic because all morphological transitions occur	subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
<i>Allium altynolicum</i> N. Friesen syn. <i>A. ledebourianum</i> hort.	Shore of Lake Teletskoe, S Siberia, Russia	Leaves thick, scape 40-60 cm, umbel dense, pedicels green, flowers large, glossy, filaments roughly as long as tepals	June	Herbaceous beds and borders	The photo of <i>A. schoenoprasum</i> 'Major' (sarastro-stauden.com 2014) looks identical	subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>
<i>Allium amabile</i> Stapf		Plants with small rhizomes and thick storage roots, leaves thread-like, scape 10-20 cm, erect, umbel loose, flowers few, large, narrow, deep pink to red	July - August / summer - autumn	Rock gardens and borders	This species is sometimes regarded as synonym of <i>A. mairei</i>	subg. <i>Cyathophora</i> sect. <i>Coleoblastus</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium amethystinum</i> Tausch	Antalya area, S Turkey	Scape 30-120 cm, shriveled at flowering time, umbel many-flowered, dense, flowers purple / purplish-pink, rather tubular	May - August / early summer		Nowadays cultivars like 'Forelock' are preferably offered	subg. <i>Allium</i> sect. <i>Allium</i>
<i>Allium ampeloprasum</i> L.		Leaves flat linear, keeled, with rough margin, scape 40-100 (180) cm, head globose, very dense, flowers urn-shaped, tepals papillose, pink or violet to purple or white, anthers and long thread-like side teeth of inner filaments exerted	May? June (July) / July - August	Herbaceous beds, cut flowers, forcing	The spice and vegetable crops Kurrat, Tareh, Pearl onion, and Leek are cultivar groups of this species	subg. <i>Allium</i> sect. <i>Allium</i>
<i>Allium ampeloprasum</i> var. <i>babingtonii</i> (Borrer) Syme		Scape 100-140 cm	June - July	Cut flowers, dry bouquets	Rarely offered	subg. <i>Allium</i> sect. <i>Allium</i>
<i>Allium amphibolum</i> Ledeb.		Leaves 2-3 per scape, 3-5 mm × 10-20 cm, scape 30-40 cm, dense heads c. 4 cm in diam., flowers pinkish-lilac, anthers protruding	June - July	Sunny and well drained places		subg. <i>Reticulobulbosa</i> sect. <i>Reticulobulbosa</i>
<i>Allium amplexens</i> Torr.	Walker Ridge, N Coast Range, California (NWS 98-07)	Leaves narrow, shorter than the 20-50 cm scape, umbel subglobose, many white to pinkish flowers	(April) May ? June	Rock gardens		subg. <i>Amerallium</i> sect. <i>Molium</i> s. str.
<i>Allium anceps</i> Kell.	Carson Range, California	2 leaves twisting around the 15-20 cm long scapes, large umbels of whitish to pale pink, greenish-veined flowers with carnation fragrance, stamens exerted			Rarely offered	subg. <i>Amerallium</i> sect. <i>Lophioprason</i>
<i>Allium angulosum</i> L.		Leaves narrowly linear, below sharply edged, scape two-angled, 20-45 cm, umbel semi-globose, flowers pink / pale purple, tepals as long as filaments	July - August / to September	Rock gardens and herbaceous borders		subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium armenum</i> Boiss. & Kotschy		Inflorescence lax, hemispherical with purple-pink bell shaped flowers on long, slightly nodding stalks, tepal with a diffuse, central dark stripe		Well drained sunny spots	Rarely offered	subg. <i>Allium</i> sect. <i>Codonoprasum</i>
<i>Allium aschersonianum</i> Barbey		Leaves linear-lanceolate, scape (30) 60-80 cm, umbel semi-globose, flowers red-purple / violet-pink	February ? April, / Juni - August	Herbaceous beds, cut flowers, potted plants, forcing		subg. <i>Melanocrommyum</i> sect. <i>Melanocrommyum</i> s. str.
<i>Allium atropurpureum</i> Waldst. & Kit.		Leaves smooth, lanceolate, scape 60 / 80-100 cm, umbel finally semi-globose, dense, flowers star-like, tepals narrow, light to deep purple / maroon-purple	June / - July	Herbaceous beds and borders, cut flowers	Introduced as ornamental bulb plant in the first decades of 20th cent.	subg. <i>Melanocrommyum</i> sect. <i>Melanocrommyum</i> s. str.
<i>Allium atrorubens</i> S. Watson var. <i>cristatum</i> (S. Watson) McNeal	White Mountains, Calif.	Leaf single, lax umbels on 5-10 cm long scapes, flowers per 2-3 dozens, narrowly campanulate, palest pink with dark rose mid-vein			Very rarely offered	subg. <i>Amerallium</i> sect. <i>Amerallium</i>
<i>Allium atrovioleaceum</i> Boiss.		Leaves flat, keeled, scape 60-120 (180) cm, head very dense, globose, flowers small, tuberculate, white, pink, or blackish-violet to blackish-purple, anthers and elongated side teeth of inner filaments exerted	July / summer	Small plantings for dry borders and herbaceous beds.	May become a noxious weed from myriads of side bulblets	subg. <i>Allium</i> sect. <i>Allium</i>
<i>Allium austroiranicum</i> R.M. Fritsch	Kuh-e Pashmanu, Iran (SLIZE 98-216)	2-3 sage-green, glaucous, curled leaves, scape somewhat longer, umbel large open globular, flowers white or purple-red, tepals pale purplish, narrow with purple vein, anthers orange-pink		Open spot with good drainage in full sun, loam based soil or compost	Very rarely offered, also under the wrong names <i>A. akaka</i> and <i>A. haemanthoides</i>	subg. <i>Melanocrommyum</i> sect. <i>Acanthoprason</i>
<i>Allium azureum</i> Ledeb.	Synonym of <i>A. caeruleum</i>					

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium backhousianum</i> Regel syn. <i>A. gulczense</i> B. Fedtsch., also wrongly written <i>A. gultschense</i>	Fergana ridge, Alai mountain range, Kyrgyzstan	Leaves large, broad, scape 120-140 cm, heads dense, flowers slightly greenish or yellowish white, tepals up to 15 mm, narrowly triangular	May? June - July	Solitary plants for herbaceous beds, cut flowers	Rarely offered	subg. <i>Melanocrommyum</i> sect. <i>Acropetala</i>
<i>Allium baissunense</i> Lipsky syn. <i>A. caspium</i> subsp. <i>baissunense</i> (Lipsky) F.O. Khass. & R.M. Fritsch	Baisun-tau range, Uzbekistan (ARJA-9832)	Leaves 3-5, short, 10 cm wide, with glaucous bloom, already dry at anthesis, scape 50-60 cm, flower head lax up to 20 (even 35) cm diam., tepals of greenish-straw color, stiff, non-fading		Sunny sites, loamy soil; annual lifting and good drainage is essential	Very rarely offered	subg. <i>Melanocrommyum</i> sect. <i>Kaloprason</i>
<i>Allium balansae</i> Boiss.	Turkey (BATM-225)	Umbels hemispherical, flowers campanulate, deep rose-purple		Pots and small rock gardens	Very rarely offered	subg. <i>Polyprason</i> sect. <i>Scorodon</i> s. str.
<i>Allium barsczewskii</i> Lipsky	Akbulak valley, Uzbekistan (RKMP-8295)	Bulb tunics reticulate, leaves narrowly linear, scape 30-60 cm, umbels fascicular, with few, campanulate, white or pink to carmine flowers	June? July / early summer	Borders and rock gardens, cut flowers	Most often cultivars are offered	subg. <i>Reticulatobulbosa</i> sect. <i>Campanulata</i>
<i>Allium beesianum</i> W.W. Sm.	W China (KGB-306)	Leaves linear, keeled /sheathing half or 1/3 of scape, scape 20-45 cm, umbel small, fascicular / hemispherical, pendent, flowers few / 6-12, tepals up to 13 mm long narrowly ovate, light blue / to purplish blue	July ? August	Rock gardens and borders, sunny places and partial shades 1982 A.M. 2012 R.H.S. Award of Garden Merit		subg. <i>Reticulatobulbosa</i> sect. <i>Sikkimensia</i>
<i>Allium bisceptrum</i> S. Watson	Mahagony Mts., Oregon (NWS 01-03)	Heads open, 2.5-5 cm on 15-22 cm scape, flowers turned-up, tepals narrow, reddish, dry purple			Rarely offered	subg. <i>Amerallium</i> sect. <i>Amerallium</i>
<i>Allium bolanderi</i> S. Watson "var. <i>mirabile</i> "	Clamath ranges in California	Scape 15-20 cm, umbel loose with long pedicels, flowers urn-shaped, tepals red-purple with tapered and reflexed tips and dull silvery sheen to the outer surface			Very rarely offered	subg. <i>Amerallium</i> sect. <i>Amerallium</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium brandegeei</i> S. Watson	Mt. Bennett hills in Idaho, USA	2 narrowly falcate leaves extend the large, spherical inflorescence, flowers white to rose			Very rarely offered	subg. <i>Amerallium</i> sect. <i>Lophioprason</i>
<i>Allium brevicaule</i> Boiss. & Balansa	S Turkey E Gaziantep	Scape 5-10 cm with rose flowers in umbels 1.5-2.5 cm in diam.		Rock gardens	Very rarely offered	subg. <i>Allium</i> sect. <i>Codonoprasum</i>
<i>Allium brevistylum</i> S. Watson		Plants about 45 cm high and up to 30 cm wide; with showy very pale purple flowers	Early to late summer	Mixed borders	Very rarely offered	subg. <i>Amerallium</i> sect. <i>Caulorhizideum</i>
<i>Allium breweri</i> S. Wats.	Synonym of <i>A. falcifolium</i>					
<i>Allium bulgaricum</i> (Janka) Prodán	Synonym of <i>A. siculum</i>					
<i>Allium burdickii</i> (Hanes) A.G. Jones		Makes cushions 60 cm high and 20 cm in diameter, flowers white	Early to mid summer	Mixed borders	Very rarely offered	subg. <i>Anguinum</i> sect. <i>Anguinum</i>
<i>Allium caeruleum</i> Pallas syn. <i>A. azureum</i> Ledeb.	Kirghizian Alatau near Bishkek, Kyrgyzstan	Leaves three-angled, smooth, scape 30-60(100) cm, very dense heads of intensely blue, small flowers, filaments with two short basal side teeth	June - July / summer	Hot and dry borders and beds, cut flowers, forcing, dry bouquets 1993 R.H.S. Award of Garden Merit	Already in cultivation in the 1870ies	subg. <i>Allium</i> sect. <i>Caerulea</i>
<i>Allium caesium</i> Schrenk syn. <i>A. urceolatum</i> Regel		Like <i>A. caeruleum</i> but leaves semi-cylindrical, coarse, scape 30-80 cm, flowers bluish-grey to sky-blue	June / summer	Dry borders and rock gardens, cut flowers, dry bouquets 2002 R.H.S. Award of Garden Merit	Introduced as ornamental bulb plant in the first decades of 20th century	subg. <i>Allium</i> sect. <i>Caerulea</i>
<i>Allium calliduction</i> C.A. Mey.		Leaves thread-like, scape 15-20 cm, flowers few, narrowly campanulate, elegant, slightly pinkish with purplish mid-vein	August	Sunny spots, pots	Very rarely offered	subg. <i>Allium</i> sect. <i>Brevispatha</i>
<i>Allium callimischon</i> Link		Scape 10 cm (tall form 35 cm), covered by leaf sheathes, umbel lax, flowers few, small, whitish or pale pink with distinct brown or reddish mid-vein	September ? October / autumn	Hot dry spots of rock gardens 1976 A.M.	subsp. <i>haemostictum</i> Stearn: flowers dark red spotted with pale mid-vein	subg. <i>Allium</i> sect. <i>Brevispatha</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium campanulatum</i> S. Watson	N Sierra Nevada range, California (NWS 98-15)	Scape 5-15 cm with loose heads of brightest purple flowers			Rarely offered	subg. <i>Amerallium</i> sect. <i>Lophioprason</i>
<i>Allium canadense</i> L.		Leaves early sprouting and remaining green till autumn, inflo- rescences small, ± lax with rather large, rose to pinkish flowers	Mid to late spring	Mixed borders	Also used for consumption; very variable, often with many aerial bulblets	subg. <i>Amerallium</i> sect. <i>Amerallium</i>
<i>Allium candolleianum</i> Albov	Turkey (LST-301)	Scape 30-40 cm tall, umbel very compact with short pedicels, tepals pure white, wide			Very rarely offered	subg. <i>Amerallium</i> sect. <i>Molium</i> s. str.
<i>Allium cardiostemon</i> Fisch. & C.A. Mey.	Mt. Varden ridge and Mt. Aragats, Armenia	Leaves narrowly linear, scape 30- 50 cm, heads dense, flowers small, blackish-purple (often with strong unpleasant odor), filaments purple with broad heart-shaped base	June	Rock gardens and borders	Rarely offered	subg. <i>Melanocrommyum</i> sect. <i>Melanocrommyum</i> s. str.
<i>Allium carinatum</i> L. subsp. <i>carinatum</i>		Scape 30-60 cm, umbel about 30- flowered, loose and with numerous bulbils, flowers dark purple or violet	Summer	Rock gardens and borders 1958 A.M.	May become invasive by aerial bulblets; very rarely offered	subg. <i>Allium</i> sect. <i>Codonoprasum</i>
<i>Allium carinatum</i> L. subsp. <i>pulchellum</i> (G. Don) Bonnier & Layens syn. <i>A. pulchellum</i> G. Don, <i>A. cirrhosum</i> Vand.	Romania	Leaves narrowly linear, ribbed, scape 20-60 cm, spathe with 2 long appendages, umbel fascicular, loose, pedicels pendent, after bloom upright, flowers ovate, pink to violet with long exerted anthers	June ? July (August)	Rock gardens and herbaceous borders 1993 R.H.S. Award of Garden Merit	Introduced as ornamental bulb plant in the first decades of 20th century. May become invasive by self- seeding	subg. <i>Allium</i> sect. <i>Codonoprasum</i>
<i>Allium carolinianum</i> DC.		Leaves rather broad, short, with glaucous bloom, scape 30 cm, inflorescence globular 2.5 - 3 cm in diam., flowers pink, scented	Juni	Rock gardens, sunny borders, pots	Rarely offered	subg. <i>Polyprason</i> sect. <i>Falcatifolia</i>
<i>Allium caspium</i> (Pallas) M. Bieb.		Leaves large, glaucous, scape stout, 20-35 cm, head large, loose, pedicels unequal, flowers pinkish, triangular-campanulate, filaments pink to lilac, very long exerted	June	Well drained and dry places of rock gardens, excellent for dry bouquets	Not found in recent catalogues	subg. <i>Melanocrommyum</i> sect. <i>Kaloprason</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium cassium</i> Boiss. var. <i>hirtellum</i> Boiss.		Scape 30 cm, umbel hemispherical with up to 20 white flowers with yellowish green centre, tepals wide with thin soft green midrib			Looks similar to <i>A. subhirsutum</i>	subg. <i>Amerallium</i> sect. <i>Molium</i> s. str.
<i>Allium cepa</i> L.		Scape hollow, 50-80 cm, flowers white with green stripe, bulbs varying in size, color, and shape			Worldwide cultivated crop plant, owns ornamental properties in anthesis	subg. <i>Cepa</i> sect. <i>Cepa</i>
<i>Allium cernuum</i> Roth syn. <i>A. oxyphilum</i> Wherry		Leaves linear, scape 2-angled, (15)30 - 60 cm, spathe recurved, umbel broad, loose / 30 - 40-flowered, pedicels pendent, after bloom bent upwards, flowers pink to white, anthers strongly exerted	July ? August / summer	Cooler spots of rock gardens and borders, dry bouquets 1948 A. M.	Very variable species	subg. <i>Amerallium</i> sect. <i>Lophioprason</i>
<i>Allium chamaemoly</i> L.		Leaves rosette-like, as the few flowered umbels of white star shaped flowers just on soil surface	March	Pots, needs winter protection under glass	Very rarely offered	subg. <i>Amerallium</i> sect. <i>Chamaeprason</i>
<i>Allium chelotum</i> Wendelbo	Synonym of <i>A. grande</i>					
<i>Allium chinense</i> G. Don		Scape 28-30 cm, umbel hemispherical, loose, up to 18-flowered, flowers light violet	Autumn		Crop plant with ornamental value, not found in any recent catalogue	subg. <i>Cepa</i> sect. <i>Sacculiferum</i>
<i>Allium chloranthum</i> Boiss.	Near Gaziantep, Turkey	Similar to <i>A. flavum</i> , but umbel denser and flowers with intense greenish tinge, stamens equaling perigone length	Mid summer	Rock gardens, needs good drainage	Rarely offered	subg. <i>Allium</i> sect. <i>Codonoprasum</i>
<i>Allium chlorotepalum</i> R.M. Fritsch & M. Jaeger	Hunsan, Iran (SLIZE-095)	Leaves 2, broad, glaucous, scape 20 - 25 cm, inflorescence dense, subspherical to spherical, flowers star-like, tepals green to deep pink, filaments distinctly reddish-purple collared		Needs full sun in a well-drained loamy soil with a dry summer rest	Very rarely offered, also under the wrong name <i>A. minutiflorum</i>	subg. <i>Melanocrommyum</i> sect. <i>Acanthoprason</i>
<i>Allium christophii</i>	Incorrect spelling of <i>A. cristophii</i>				The spelling ' <i>cristophii</i> ' was conserved in 2001	
<i>Allium chrysonemum</i> Stearn					Not found in recent catalogues	subg. <i>Polyprason</i> sect. <i>Scorodon</i> s. str.

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium circinnatum</i> Sieber	Crete	Scape 5 - 18 cm, umbel 2 - 5-flowered, flowers white with pink mid-veins	Spring flowering		Rarely offered	subg. <i>Amerallium</i> sect. <i>Molium</i> s. str.
<i>Allium cirrhosum</i> Vand.	Synonym of <i>A. carinatum</i> subsp. <i>pulchellum</i>					
<i>Allium cneorum</i> hort. ?	A name of no botanical standing, possibly a synonym of <i>A. obliquum</i>					
<i>Allium coeruleum</i>	Incorrect spelling of <i>A. caeruleum</i>					
<i>Allium colchicifolium</i> Boiss.	NE Turkey	2 wide leaves, scape ~30 cm, umbel large hemispherical, tepals wide, white, ovaries black			Very rarely offered, unclear whether it is the true species	subg. <i>Melanocrommyum</i> sect. <i>Melanocrommyum</i> s. str.
<i>Allium convallarioides</i> Grossh.		Leaves 4-5, scape 40 - 60 cm, flowers creamy white, anthers only slightly emerging	May -June	Good drainage is essential		subg. <i>Allium</i> sect. <i>Codonoprasum</i>
<i>Allium coryi</i> M.E. Jones		Plants up to 30 cm high and 20 cm wide, with showy vividly greenish - yellow flowers	Early to late spring	Mixed borders	Very rarely offered	subg. <i>Amerallium</i> sect. <i>Molium</i> s. str.
<i>Allium cowanii</i> Lindl.	Synonym of <i>A. neapolitanum</i>				Based on herbarium specimens, but the cultivated strains differ remarkably	
<i>Allium crenulatum</i> Wiegand	Olympic Mt., Clallam Co., WA, USA (NWS 00-26)	Leaves 2, flattened, falcate, scape 5-8 cm with hemispherical, few-flowered umbel, flowers pink / tepals broad with deeper pink midrib	April - June / summer	Alpine house, needs gravelly soil to ensure good drainage, sunny spot	Very variable species, rarely offered	subg. <i>Amerallium</i> sect. <i>Amerallium</i>
<i>Allium crispum</i> Greene		Scape 10-30 / 10-15 cm, umbel many-flowered / with some 5-10 comparatively big, widely cup-shaped, deep rose-purple flowers, inner segments with crisped margins	Summer	Ensure good drainage	Rarely offered, also treated as <i>A. peninsulare</i> Lemmon var. <i>crispum</i> (Greene) Jepson	subg. <i>Amerallium</i> sect. <i>Amerallium</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium cristophii</i> Trautv. syn. <i>A. albopilosum</i> C.H. Wright		Leaves linear, long white-hairy, scape (15) 30 - 60 (90) cm, head very loose, 20-30 cm in diam., flowers large, star-like, tepals brownish or silvery-pink to deep-purple, lanceolate, after bloom stiff and spiky	June? July / summer	Striking in herbaceous borders and beds, excellent for dry bouquets 1901, 1912 & 1950 A.M. 1993 R.H.S. Award of Garden Merit	The pale silvery-brownish flowering subsp. <i>golestanicum</i> R.M. Fritsch is not offered hitherto	subg. <i>Melanocrommyum</i> sect. <i>Asteroprason</i>
<i>Allium cupani</i> Raf.		Plants 10-25 cm high, umbel nearly conical with 5-15 campanulate, pink to white flowers	May - June		Very rarely offered	subg. <i>Allium</i> sect. <i>Brevispatha</i>
<i>Allium cupuliferum</i> Regel	Nura-Tau range, Uzbekistan	Leaves 1-2, lanceolate, bluish green, prostrate, scape flexuous, 20-30 cm, pedicels upwards curved, unequal, umbel broadly fascicular, loose, flowers funnel-shaped, deep pink	May	Rock gardens, dry borders, cut flowers	For many years, <i>A. lipskyanum</i> was sold under this name; very rarely offered	subg. <i>Melanocrommyum</i> sect. <i>Regeloprason</i>
<i>Allium cyaneum</i> Regel syn. <i>A. purdomii</i> W.W. Smith		Leaves thread-like, scape thin, flexuous, 15-25 (40) cm, umbel few-/15-18 flowered, fascicular to semi-globose, flowers cobalt-blue / to purplish, with darker blue or green mid-veins, anthers long exserted	July ? August / summer	Rock gardens and borders 1993 R.H.S. Award of Garden Merit		subg. <i>Reticulotubulosa</i> sect. <i>Sikkimensia</i>
<i>Allium cyathophorum</i> Bur. & Franch. var. <i>farreri</i> (Stearn) Stearn syn. <i>A. farreri</i> Stearn		Dense cushions, roots thick, leaves narrowly linear, keeled, scape 2-angled, 20 - 30 cm, umbel fascicular, initially pendent, flowers long, deep pink to purple violet, filament bases cup-shaped united	(May) June? July	Rock gardens and not too dry borders	May become invasive by self-seeding	subg. <i>Cyathophora</i> sect. <i>Cyathophora</i>
<i>Allium cyrilli</i> Ten.		Leaves lanceolate, smooth, scape 30-80 cm, umbel fascicular to semi-globose, flowers whitish to yellowish-green or pinkish, petals narrow with darker mid-vein, reflexed, filaments long, fleshy, conical	Mid May - June	Small plantings for herbaceous beds, cut flowers, with strong carnations-like odor	Very rarely offered, sometimes <i>A. senescens</i> s. lat. is offered under this name (michaelcamphausen.de 2014)	subg. <i>Melanocrommyum</i> sect. <i>Melanocrommyum</i> s. str.

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium daghestanicum</i> Grossh.		Leaves fine, thread-like, scape 20 - 45 cm, flowers pinkish-white	August		Very rarely offered	subg. <i>Polyprason</i> sect. <i>Oreiprason</i>
<i>Allium darwasicum</i> Regel	Varzob valley, Tajikistan (RM-8274)	Leaves coarse, narrowly lanceolate, scape 30-60 cm, umbel fascicular to semi-globose, dense, flowers funnel-shaped, dirty white or greenish yellow with darker mid-vein	mid May - June	Dry rock gardens and herbaceous borders, cut flower with pleasant hyacinth-like fragrance	Rarely offered	subg. <i>Melanocrommyum</i> sect. <i>Regeloprason</i>
<i>Allium dasyphyllum</i> Vved.	Kirghizian Alatau, Kyrgyzstan	Usually one leaf up to 1 cm wide and very densely and long pubescent, scape up to 35 cm, flowers light greenish pink		Good drainage is essential	Inconspicuous species, only once offered	subg. <i>Melanocrommyum</i> sect. <i>Acropetala</i>
<i>Allium davisiae</i> M.E. Jones		Scape 15-20 cm long, heads large, flowers white with purple mid-veins, inner tepals lanceolate and shorter, outer tepals broadly ovate		Moist soil through the winter and spring, drying by early summer	Also treated as <i>A. lacunosum</i> var. <i>davisiae</i> (M.E. Jones) McNeal & Ownbey	subg. <i>Amerallium</i> sect. <i>Amerallium</i>
<i>Allium decipiens</i> Fisch.	Near Stavropol, Russia	Leaves narrowly lanceolate, scape smooth, 30 - 50 (80) cm, heads semi-globose to subglobose, flowers pale pinkish-violet	May - June	Herbaceous borders and beds, cut flowers	South Siberian species like <i>A. tulipifolium</i> were formerly included in <i>A. decipiens</i> ; very rarely offered	subg. <i>Melanocrommyum</i> sect. <i>Decipientia</i>
<i>Allium decipiens</i> subsp. <i>quercetorum</i> Seregin	Crimean mountains, Ukraina	Scape 40 - 50 / 60 cm, umbels dense spherical, flowers almost white with slight lilac tint and darker midrib	May - June		Very rarely offered; differs from the typical subspecies by a rose spathe, larger leaves, denser umbel, and longer tepals	subg. <i>Melanocrommyum</i> sect. <i>Decipientia</i>
<i>Allium denudatum</i> F. Delaroche syn. <i>A. albidum</i> Fischer ex M. Bieb. subsp. <i>albidum</i> and subsp. <i>caucasicum</i> (Regel) Stearn		Leaves narrowly linear, flat, scape 10-30 cm, umbel semi-globose, lax, flowers yellowish-cream to whitish ± reddish flushed	June - July	Herbaceous borders, rock gardens		subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
<i>Allium derderianum</i> Regel	Tochal, Alburz range, Iran	Flowers whitish with purplish shaded midrib			Very rarely offered	subg. <i>Melanocrommyum</i> sect. <i>Acanthoprason</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium diabolense</i> (Traub) McNeal	San Benito Mts., California (NSW03-27)	Leaves solitary, tubular, scape up to 25 / 5-10 cm long bearing a few-flowered, dense umbel with 20-30 cup-shaped whitish flowers, tepals with pink mid-vein			Rarely offered	subg. <i>Amerallium</i> sect. <i>Rhophetoprason</i>
<i>Allium dichlamydeum</i> Greene		Leaves equaling the 10-30 cm scape, umbel hemispherical, few-to many-flowered, flowers clear pink / rose-purple with 3 tepals rolled into a tube about 1 cm long		Needs protection from hot afternoon sun 1984 A.M.	Rarely offered	subg. <i>Amerallium</i> sect. <i>Amerallium</i>
<i>Allium dioscoridis</i> Sibth. & Sm.	Synonym of <i>A. siculum</i>					
<i>Allium dolichostylum</i> Vved.	Sarimar Mts. between Shurab and Sairob, Tajikistan (ARJA 9822)	Scape 50-60 cm, flower heads semi-globular, dense, flowers nicely pinkish	Mid summer		Very rarely offered	subg. <i>Reticulobulbosa</i> sect. <i>Campanulata</i>
<i>Allium douglasii</i> Hook. "subsp. <i>douglasii</i> "	Blue Mts. in Oregon	Leaves large, erect, sickle-shaped, 5-7 cm heads on 25 cm scape, flowers pink, vase-shaped with narrow tepals and exerted anthers		Rock gardens and herbaceous borders	Rarely offered	subg. <i>Amerallium</i> sect. <i>Lophioprason</i>
<i>Allium dregeanum</i> Kunth	Wuppertal, near Doring River, Cape province, S Africa	Scape 50-60 cm, umbel dense, flowers fairly large, widely campanulate, soft pink	Early July	Herbaceous borders	Only once offered	subg. <i>Allium</i> sect. <i>Allium</i>
<i>Allium drepanophyllum</i> Vved.	Shurab, Baisun-tau, Uzbekistan (ARJA-9843)	Leaves sickle-shaped, scape 35-45 cm with loose umbels of slightly brownish-purple flowers		Herbaceous borders	Rarely offered	subg. <i>Reticulobulbosa</i> sect. <i>Campanulata</i>
<i>Allium drummondii</i> Regel syn. <i>A. nuttallii</i> S. Watson		Leaves narrowly linear, scape 10-30 cm, umbel rather loose, fascicular, several-flowered, tepals pink to white	June / spring	Rock gardens and herbaceous borders		subg. <i>Amerallium</i> sect. <i>Amerallium</i>
<i>Allium egorovae</i> M.V. Agab. & Ogan.		Small plants with large globose flower heads, tepals rounded, whitish, filaments bicolored white with a red upper half			Only once offered	subg. <i>Melanocrommyum</i> sect. <i>Acanthoprason</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium elatum</i> Regel	Synonym of <i>A. macleanii</i>				Still used in some catalogues	
<i>Allium elburzense</i> Wendelbo	Near Tochal, Iran (SLIZE 98-018) and Elburz range (SLIZE-011)	2 broadly elliptic leaves almost at ground level, scape 10-15 cm, inflorescence large, dense, globose, flowers star-like, whitish with purplish shaded midrib or lilac violet			Also wrongly offered under <i>A. pseudobodeanum</i> R.M. Fritsch & Matin, and <i>A. derderianum</i>	subg. <i>Melanocrommyum</i> sect. <i>Asteroprason</i>
<i>Allium elmendorfii</i> M.E. Jones ex Ownbey			Early to mid spring	Mixed borders	Only once offered	subg. <i>Amerallium</i> sect. <i>Rhophetoprason</i>
<i>Allium ericetorum</i> Thore		Flowers white to crème	July - September		Rarely offered	subg. <i>Polyprason</i> sect. <i>Daghestanica</i>
<i>Allium eriocoleum</i> Vved.	Kurama range, Uzbekistan (ARJA-0053)	Leaves densely pubescent, scape 40-50 cm, umbel globose 5-7 cm in diam., flowers yellow, starry	May - June	Rocky spots in full sun	Very rarely offered; similar and closely related to <i>A. scabriscapum</i>	subg. <i>Reticulatobulbosa</i> sect. <i>Scabriscapa</i>
<i>Allium erubescens</i> K. Koch	Iran	Scape 30-40 cm, flower head small but very dense, flowers beautiful pink	Mid summer	Rock garden, needs good drainage	Very rarely offered	subg. <i>Allium</i> sect. <i>Allium</i>
<i>Allium eusperma</i> Airy Shaw		Leaves arrow-like persisting till autumn	October	Moist half shady or shady spots in a humus rich soil	Only once offered	subg. <i>Allium</i> sect. <i>Pallasia</i>
<i>Allium falcifolium</i> Hook. & Arn.		Leaves linear, falcate, scape flat, winged, 5-12 / 20-30 cm, umbel fairly dense, flowers large, urn shaped, tepals recurved, deep pink to white	May ? June / summer / June - July	Rock gardens and herbaceous borders, pots		subg. <i>Amerallium</i> sect. <i>Amerallium</i>
<i>Allium farreri</i> Stearn	Synonym of <i>A. cyathophorum</i> var. <i>farreri</i>					
<i>Allium fetisowii</i> Regel	Chu-Ili mountains, Kazakhstan (RSK-7717)	Leaves lanceolate, smooth, scape 40 - 50 cm, heads smaller, dense, flowers deep pink to pinkish-lilac, inner filament bases widened with narrow side teeth	May - June	Small plantings in herbaceous borders, cut flowers	Rarely offered	subg. <i>Melanocrommyum</i> sect. <i>Longibidentata</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium fibrillum</i> M.E. Jones ex Abrams	Blue Mountains, Washington, USA	Two thread-like leaves surpass the short scape, inflorescences 3 cm wide, flowers small, tepals white with green midrib			Very rarely offered	subg. <i>Amerallium</i> sect. <i>Amerallium</i>
<i>Allium fimbriatum</i> S. Wats. var. <i>fimbriatum</i>	San Jacinto Mts., Calif. (NWS 03-37)	The cylindrical leaf twists and curls around the base of the 1-10 cm long scape, heads spherical with up to 24 urn-shaped flowers, tepals bright purple with whitish center, tips strongly reflexed				subg. <i>Amerallium</i> sect. <i>Rhophetoprasum</i>
<i>Allium fimbriatum</i> S. Wats. var. <i>purdyi</i> (Eastw.) Ownbey ex McNeal	Inner Coast range, Calif. (NSW 03-38)	Leaves tubular, scape 10-15 cm, umbels open, 7-8 cm with 36-48 flowers, tepals slightly shorter and flowers more bell-shaped, pale rose to lavender with darker mid-vein				subg. <i>Amerallium</i> sect. <i>Rhophetoprasum</i>
<i>Allium fistulosum</i> L.		Scape 12-70 / 60 cm, umbel many-flowered, very dense, flowers yellowish-white	Summer / May - June		Much cultivated in East Asia (meanwhile sometimes also in Europe) as vegetable and spice plant with moderate ornamental value	subg. <i>Cepa</i> sect. <i>Cepa</i>
<i>Allium flavellum</i> Vved.	Varzob gorge, Tajikistan	Umbels spherical, loose, flowers narrowly campanulate, yellowish-white	Late summer / June	Greenhouse		subg. <i>Reticulobulbosa</i> sect. <i>Campanulata</i>
<i>Allium flavescens</i> Bess.		Relative of <i>A. denudatum</i> with often larger scape and yellowish flowers			Very rarely offered	subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
<i>Allium flavum</i> L.		Leaf blades semi-cylindrical, glaucous or deep green, scape 15-60 cm, spathe with 2 strongly elongated tips, umbel lax, pedicels unequal, flowers small, pendent, tepals lemon yellow to golden, obtuse, filaments long exerted	May ? June, / July	Rock gardens and sunny borders Introduced as ornamental bulb plant in the first decades of 20th century, 1929 A.M. 1993 R.H.S. Award of Garden Merit	Recently also the offspring of crosses with related small species are offered under <i>A. flavum</i> having bright yellow to lilac, reddish, and even whitish flowers	subg. <i>Allium</i> sect. <i>Codonoprasum</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium flavum</i> L. subsp. <i>tauricum</i> (Besser) K. Richt.		Scape 30-40 cm, flowers bright yellow to lilac	July - August	Sunny, well drained sites, excellent in pots	Rarely offered	subg. <i>Allium</i> sect. <i>Codonoprasum</i>
<i>Allium flavum</i> var. <i>minus</i> Boiss., also named 'Minor' or var. <i>nanum</i> hort., var. <i>pumilum</i> hort.		Scape only 5-12 cm, umbels smaller	May ? / June	Rock gardens in a sunny, well-drained site, pots		subg. <i>Allium</i> sect. <i>Codonoprasum</i>
<i>Allium fragrans</i> Vent.	Synonym of <i>Nothoscordum borbonicum</i>					
<i>Allium geyeri</i> S. Watson syn. <i>A. pikeanum</i> Rydb., <i>A. rubrum</i> Osterh.	Abajo Mts., Utah, USA	Bulb with long fibrous coat and pink roots, leaves slender, scape 15-50 / 25-30 cm, umbel 10-25-flowered, lax, flowers pink to white / small, "waisted", pinch-nosed pink	Spring / mid-summer	Very tolerant to moist and dry conditions	Three botanical varieties are accepted, commonly offered is var. <i>chatterleyi</i> S.L. Welsh	subg. <i>Amerallium</i> sect. <i>Amerallium</i>
<i>Allium giganteum</i> Regel		Leaves large, dull, scape dull, smooth, 100-150 cm, head extremely dense becoming 2-3 times larger during bloom, flowers broadly cup-shaped to star-like, tepals obtuse, pink to purple	June - July / spring	Solitary plants in herbaraceous beds, cut flowers; long-lasting bloom	Introduced as ornamental bulb plant in the first decades of 20th century	subg. <i>Melanocrommyum</i> sect. <i>Compactoprasum</i>
<i>Allium glandulosum</i> Link & Otto		Rhizomatous plants with grass-like, narrow leaves, scape 60 cm, inflorescence a loose umbel with rather few maroon or whitish flowers	August - September	Sunny, very well drained spots, self-distributing by long stolons	Only once offered	subg. <i>Amerallium</i> sect. <i>Rhophetoprasum</i>
<i>Allium goodingii</i> Ownbey	Apache Co., Arizona, USA	Rhizomatous plants, scapes flattened, 30 cm, umbel conical with 15-20 reddish-pink flowers		Sunny places and partial shade, in moderately wet soil	Rarely offered	subg. <i>Amerallium</i> sect. <i>Caulorhizideum</i>
<i>Allium grande</i> Lipsky syn. <i>A. chelotum</i> Wendelbo	Kuh-e Abr, Alborz range, Iran	Narrowly elliptic, shiny green leaves, scape 60-100 cm with large ball heads of pink to light purple, long-lasting flowers		Easy in a well drained, sunny spot	Rarely offered	subg. <i>Melanocrommyum</i> sect. <i>Decipientia</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium griffithianum</i> Boiss.	Sarimar Mts. near Shurab, Uzbekistan (ARJA-9842)	Scape 10-30 (50) cm with hemispherical, dense, ± many-flowered umbels, pedicels of different length, flowers light flesh-pink with darker mid-veins	Spring / early summer		Only once offered	subg. <i>Allium</i> sect. <i>Avulsea</i>
<i>Allium grisebachii</i> hort.	A name of no botanical standing, perhaps a synonym of <i>A. altynolicum</i>				Only known from pictures presented by hessenhof.nl (2014)	
<i>Allium gulczense</i> O. Fedtsch.	Synonym of <i>A. backhousianum</i> ; <i>A. gultschense</i> is an incorrect spelling form					
<i>Allium guttatum</i> Steven subsp. <i>dalmaticum</i> (A. Kern. ex Janch.) Stearn	Near Petrovac, Montenegro	Height 60-90 cm, umbels dense 4-5 cm in diam. with cylindrical, pink to violet-pink flowers	May - August		Rarely offered	subg. <i>Allium</i> sect. <i>Allium</i>
<i>Allium guttatum</i> subsp. <i>sardoum</i> (Moris) Stearn	Ioannina, N. Greece	Leaves thread-like, height 50-70 cm, head compact c. 5 cm across, flowers creme with green to pink stripe, scented	July - August		Rarely offered	subg. <i>Allium</i> sect. <i>Allium</i>
<i>Allium gypsaceum</i> Popov & Vved.	Baissun Mts., SW Uzbekistan (ARJA-9836)	Scape 15 - 20 cm, umbel dense globose, flowers 1 cm long, narrowly cup shaped, dull crimson / straw-colored, tepals bright purple both on mid-veins and along margins	Early summer	Rock garden, pots, needs good drainage and prolonged summer dormancy	Very rarely offered	subg. <i>Melanocrommyum</i> sect. <i>Popovia</i>
<i>Allium haematochiton</i> S. Watson		Rhizomatous plants, leaves pale green, scape 15-25 / 35 cm, inflorescence compact spherical, pedicels short, tepals broadly elliptic, white with pale rose mid-vein			Rarely offered	subg. <i>Amerallium</i> sect. <i>Molium</i> s. str.
<i>Allium heldreichii</i> Boiss.	Mt. Olimpos, Greece	Scape 30 / 40-60 cm with a dense umbel of very large, cup-shaped pink flowers			Owens the superficial appearance of <i>A. schoenoprasum</i>	subg. <i>Allium</i> sect. <i>Allium</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium hirtifolium</i> Boiss.	Synonym of <i>A. stipitatum</i>					
<i>Allium hirtovaginum</i> Candargy	Near Milosh, E Bodrum, Turkey	Only 10-20 cm tall, flowers campanulate, purplish, on nicely arched pedicels	Summer	Pots, rock gardens	Very rarely offered	subg. <i>Allium</i> sect. <i>Codonoprasum</i>
<i>Allium hissaricum</i> Vved.	Hissar range, Tajikistan	Slender than <i>A. winklerianum</i> with fewer flowers, tepals remain rigid long after flowering		Good drainage is essential	Very rarely offered	subg. <i>Melanocrommyum</i> sect. <i>Regeloprasum</i>
<i>Allium hollandicum</i> R. M. Fritsch incorrectly named <i>A. aflatunense</i>		Leaves lanceolate, ribbed, canaliculate, up to 6 cm broad, scape basally ribbed, 40-90 (120) cm, heads subglobose, moderately dense, pedicels of equal length, flowers pink to deep violet-purple, rarely white	(April -) May	Borders and herbaceous beds, excellent cut flowers 1948 A.M., 1995 R.H.S. Award of Garden Merit	<i>A. hollandicum</i> is the correct species name for the different cultivars still often traded as <i>A. aflatunense</i> . The closest genetic relatives occur in the NW edge of Iran	subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
<i>Allium hookeri</i> Thwait. var. <i>muliense</i> Airy Shaw	Synonym of <i>A. muliense</i>					
<i>Allium howellii</i> Eastw. var. <i>clokeyi</i> Ownbey & Aase ex Traub	Western transverse Ranges	Scape stout, 30 cm tall, umbel many-flowered, dense, flowers large, white, stamens exserted		Mixed borders	Only once offered	subg. <i>Amerallium</i> sect. <i>Amerallium</i>
<i>Allium huber-morathii</i> Kollmann, Özhatay & Koyuncu	near Cerkes, N Turkey	Differs from similar <i>A. carinatum</i> subsp. <i>pulchellum</i> by a thinner stature and smaller and slender, pink flowers becoming lilac suffused after anthesis		Open confined areas in well drained soil, pots	Rarely offered	subg. <i>Allium</i> sect. <i>Codonoprasum</i>
<i>Allium humile</i> Kunth		4-6 lanceolate leaves, makes clumps 40 cm across and 40-50 cm high, umbel loose, few-flowered, flowers white, long anthesis	June - August	Mixed borders, cut flowers	Very rarely offered	subg. <i>Amerallium</i> sect. <i>Bromatorrhiza</i>
<i>Allium hyalinum</i> Curran	Sierra Nevada	Scape 15-25 cm, umbels loose, flowers white to pale pink		Multiplies rapidly	Very rarely offered	subg. <i>Amerallium</i> sect. <i>Lophioprason</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium inconspicuum</i> Vved.	Foothills E Tashkent, Uzbekistan	Closely related to <i>A. barsczewskii</i> but 2-3 times smaller, tepals muddy reddish-pink with deep purple median vein		Raised beds or pots, dry summer rest is essential	Rarely offered; the correct name is probably <i>A. furkatii</i> R.M. Fritsch	subg. <i>Reticulobulbosa</i> sect. <i>Campanulata</i>
<i>Allium inodorum</i> Aiton	Synonym of <i>Nothoscordum borbonicum</i>					
<i>Allium insubricum</i> Boiss. & Reut.		Rhizomatous plants, differ from <i>A. narcissiflorum</i> by scape 15-30 cm, umbel permanently pendent with up to five large purple flowers	June (? July) / May - June	Rock gardens and borders 1993 R.H.S. Award of Garden Merit		subg. <i>Amerallium</i> sect. <i>Narkissoprason</i>
<i>Allium isakulii</i> subsp. <i>nuratense</i>	Name was wrongly used for <i>A. cupuliferum</i> s.str.					
<i>Allium jajlae</i> Vved.	Crimea near Oreanda and Simeiz, Ukraina	Scape medium high with dense umbels of purple upright flowers	summer		Also treated as <i>A. scorodoprasum</i> subsp. <i>jajlae</i> (Vved.) Stearn or <i>A. rotundum</i> subsp. <i>jajlae</i> (Vved.) B. Mathew	subg. <i>Allium</i> sect. <i>Allium</i>
<i>Allium jepsonii</i> (Ownbey & Aase ex Traub) S.S. Denison & McNeal		Scape 15-20 cm long, umbel open spherical, flowers white, narrowly campanulate, tepals with rose-red mid-vein			Very rarely offered	subg. <i>Amerallium</i> sect. <i>Amerallium</i>
<i>Allium jesdianum</i> Boiss. & Buhse incl. subsp. <i>angustitepalum</i> (Wendelb) F.O. Khass. & R.M. Fritsch, syn. <i>A. rosenbachianum</i> auct.		Leaves narrowly lanceolate, scape basally ribbed, 40-80 (100) cm, head subglobose up to 15 cm, moderately dense, flowers star-like, pink to violet, upper filament parts striking white	May - June	Herbaceous beds and borders, small plantings, cut flowers, dry bouquets	This name is still often used instead of <i>A. rosenorum</i> , but a few cultivars belong to subsp. <i>angustitepalum</i>	subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
<i>Allium jodanthum</i> Vved.	Ihnachsai, Uzbekistan	Scape c. 40 cm, flower head compact, up-turned, tepals very bright reddish-purple, narrowly pointed			Very rarely offered	subg. <i>Reticulobulbosa</i> sect. <i>Campanulata</i>
<i>Allium kansuense</i> Regel	Synonym of <i>A. sikkimense</i>					

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium karataviense</i> Regel		Leaves 1-2, thick, bluish green, reddish flushed / with red margins, scape flexuous 20-30 cm, head semi-globose finally globose up to 12 cm in diam., flowers crème to meat-colored or purplish with darker mid-vein, capsules with deeply incised tip	May - June (July)	Rock gardens, herbaceous borders, pots, fruiting umbels for dry bouquets 1876, 1885 F.C.C. P. 1993 R.H.S. Award of Garden Merit	Though formally described only in 1875, it was a well-known garden plant already in the 1880ies	subg. <i>Melanocrommyum</i> sect. <i>Miniprason</i>
<i>Allium kazerouni</i> Parsa	Zardekuh, C Zagros range, Iran	Similar to <i>A. jesdianum</i> but twice smaller, scape reaching 45 cm, leaves narrow, shiny green			Very rarely offered	subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
<i>Allium kharputense</i> Freyn & Sint.	Eikenek, Akdag range, Turkey	Leaves undulated and twisted, scape 30-45 cm, many-flowered umbels broadly fastigiate, up to 8 cm in diam., flowers white with blackish green or dark red ovary	Spring / May - June		Rarely offered, true identity of these plants is not clear	subg. <i>Melanocrommyum</i> sect. <i>Melanocrommyum</i> s. str.
<i>Allium kiiense</i> (Murata) Hir.Takahashi & M. Hotta		Very small plants, leaves needle-thin, 15 cm long, fleshy green, umbels with small, outfacing, lavender-purple flowers	Late October and November	Rock gardens	Only once offered, also treated as botanical variety <i>A. virgunculae</i> var. <i>kiiense</i> Murata	subg. <i>Cepa</i> sect. <i>Sacculiferum</i>
<i>Allium komarovianum</i> hort.	Mis-applied to the cultivar 'Constellation', probably a hybrid of <i>A. nutans</i>				True <i>A. komarovianum</i> Vved. is related to <i>A. chinense</i>	
<i>Allium komarowii</i> Lipsky	Lake Iskanderkul, and Shing valley, Tajikistan (RKM-8231)	Foliage similar to <i>A. karataviense</i> , scape 30-40 cm with dense heads of bright violet-purple flowers			Rarely offered	subg. <i>Melanocrommyum</i> sect. <i>Compactoprason</i>
<i>Allium kunthianum</i> Vved.	Mt. Hustup, Zangezur range, Armenia	Plants 10 cm, flowers narrowly cup-shaped / tubular, bright pink	Late flowering / mid summer	Rock gardens, pots	Very rarely offered	subg. <i>Allium</i> sect. <i>Codonoprasum</i>
<i>Allium kunthii</i> G. Don		White flowers	Early summer to early fall	Mixed borders	Very rarely offered	subg. <i>Amerallium</i> sect. <i>Rhophetoprason</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium kwakense</i> (R.M. Fritsch) R.M. Fritsch syn. <i>A. rosenbachianum</i> subsp. <i>kwakense</i> R.M. Fritsch	Rangon range, Tajikistan	Leaves rather erect, basally only slightly tapering, scape 1 m with 16-18 cm large spherical umbel and wine-red / pink flowers			Very rarely offered	subg. <i>Melanocrommyum</i> sect. <i>Megaloprason</i> s. str.
<i>Allium lacunosum</i> M.E. Jones var. <i>lacunosum</i>		2 wiry curling leaves, umbel dense, pedicels very short, flowers campanulate, tepals glossy white with recurved tips, mid-vein translucent green later dark violet		Moist in winter and spring, dry in summer	Very rarely offered; three more botanical varieties are recognized	subg. <i>Amerallium</i> sect. <i>Amerallium</i>
<i>Allium ledebourianum</i> Schult. & Schult.f.	Mt. Belukha, Altai range, Russia ?	Scape 70 - 90 cm, umbels fascicular, pedicels blackish, flowers bluish-lilac, filaments exerted	June / May - July	Herbaceous beds and borders	The true species is rarely offered, because the name is also misapplied to <i>A. altynolicum</i>	subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>
<i>Allium lemmonii</i> S. Watson	California	Scape 10 cm, umbels 5 cm, flowers similar to <i>A. anceps</i> and <i>A. platycaule</i> , but petals broader, from palest pink to pale violet, dominating rose-pink			Rarely offered	subg. <i>Amerallium</i> sect. <i>Lophioprason</i>
<i>Allium lenkoranicum</i> Misch. ex Grossh.	Talish, republic Azerbaijan	Scape 30-40 cm, flowers pinkish-brown on long thread-like pedicels	Very late / July - August	Rock gardens, pots	Very rarely offered	subg. <i>Allium</i> sect. <i>Codonoprasum</i>
<i>Allium libani</i> Boiss.	Anti-Lebanon range, Syria	Fairly dwarf, bulbous plants, leaves short, prostrate, scape short, umbel dense, held slightly above ground, flowers comparatively large, narrowly cup-shaped, greenish-white		Sunny spots with good drainage, dry period (lifting) in summer	Very rarely the true species is offered, name is also wrongly applied to plants of the <i>A. senescens</i> group	subg. <i>Melanocrommyum</i> sect. <i>Melanocrommyum</i> s. str.
<i>Allium lipskyanum</i> Vved.	Hissar range, Tajikistan (RM-8266)	Leaves narrow, canaliculate, scape 30-50 (80) cm, umbel initially very densely fascicular, later a very loose ovate head, flowers campanulate, pinkish-carmine with darker mid-vein	May	Herbaceous beds and borders, dry bouquets	Very rarely offered; <i>A. lipskyanum</i> is sometimes still sold under <i>A. cupuliferum</i>	subg. <i>Melanocrommyum</i> sect. <i>Regeloprason</i>
<i>Allium litvinovii</i> Drobow ex Vved.	SE Chatkal range, Uzbekistan	Scape 40 cm, tight umbels of bright blue, violet veined flowers			Rarely offered, is the more violet colored counterpart of <i>A. caesium</i>	subg. <i>Allium</i> sect. <i>Caerulea</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium loratum</i> Baker	W Pakistan	Similar to <i>A. giganteum</i> and <i>A. macleanii</i> but 3 times smaller in scape and leaf measures			The botanical identity of these plants is not clear	subg. <i>Melanocrommyum</i> sect. <i>Compactoprasum</i> ?
<i>Allium lusitanicum</i> Lam. syn. <i>A. senescens</i> subsp. <i>montanum</i> (Fries) Holub, <i>A. senescens</i> of European authors		Like <i>A. angulosum</i> but leaf blades without sharp angles below, till 20 cm, scape till 40 cm, umbel dense, flowers (white to) deep pink to purplish, filaments 1/5 longer than the tepals	August-October / summer-autumn	Herbaceous borders, rock gardens, cut flowers 1987 A.M.		subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
<i>Allium luteolum</i> Halácsy	Amorgos Island in the Cyclades, Greece	Usually just 5-10 cm tall, flowers small, lovely lemon to greenish-yellow bells with yellow anthers only just protruding		Pots and containers, should be kept dry during the summer after flowering	Very rarely offered	subg. <i>Allium</i> sect. <i>Codonoprasum</i>
<i>Allium luteum</i> hort.	Synonym of <i>A. moly</i>					
<i>Allium lycaonicum</i> Siehe ex Hayek	N Anhorz, C Turkey	Scape 40-50 cm tall, flowers very dark but glossy blackish purple	Summer		Very rarely offered; true identity of these plants is not clear	subg. <i>Melanocrommyum</i> sect. <i>Melanocrommyum</i> s. str.
<i>Allium macleanii</i> Baker syn. <i>A. elatum</i> Regel		Like <i>A. giganteum</i> but leaves shorter and glossy green, scape only 60-100 cm, heads less dense, flowers pink to lilac, tepals cuspidate, filaments shorter exerted	May ? June / spring-summer	Herbaceous beds, cut flowers 1887, 1966 A.M.	<i>A. macleanii</i> has lanceolate leaves, <i>A. elatum</i> much broader ovate to ligulate leaves	subg. <i>Melanocrommyum</i> sect. <i>Compactoprasum</i>
<i>Allium macranthum</i> Baker		Small tufts, fleshy roots, leaves linear, scape angled, 25-40 cm, umbel lax, flowers 7-12, large, pendent, deep purple or white, ovary tip with conical outgrowths	July ? August / summer / very late	Borders, cool spots		subg. <i>Amerallium</i> sect. <i>Bromatorrhiza</i>
<i>Allium macropetalum</i> Rydb.		Flowers pink	Early spring - mid spring	Mixed borders	Rarely offered	subg. <i>Amerallium</i> sect. <i>Amerallium</i>
<i>Allium mairei</i> Lév. syn. <i>A. yunnanense</i> Diels		Dense cushions, leaves thread-like, scape 10-15 / 10-40 cm, with an umbel of up to 5 narrowly campanulate, large / stiffly erect flowers, tepals pink or white with red spots	August ? September / autumn / July - August	Rock gardens and borders, slightly shaded place, not too dry during summer	Rarely offered	subg. <i>Cyathophora</i> sect. <i>Coleoblastus</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium marschallianum</i> Vved.	Crimea, Ukraina	More tiny than <i>A. saxatile</i> reaching in flowering time 25 cm	September	Full sun and good drainage	Only once offered	subg. <i>Polyprason</i> sect. <i>Oreiprason</i>
<i>Allium maximowiczii</i> Regel		Similar to <i>A. schoenoprasum</i> but earlier flowering, 10-15 cm long scape with dense semi-globose umbels of lilac-pink flowers	April - May		Rarely offered	subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>
<i>Allium meliophilum</i> Juz.	Crimea, Ukraina	Scape 50-100 cm, umbel denser than <i>A. siculum</i> , flowers lilac or pale rose			Very rarely offered	subg. <i>Nectaroscordum</i> sect. <i>Nectaroscordum</i>
<i>Allium membranaceum</i> Ownbey ex Traub	Northern Sierra Nevada foothills, California (NWS 02-25)	Scape up to 30 cm, dense 5-7 cm heads, flowers lavender-pink with spreading elliptical tepals with purple, lavender-pink "M" mark at the base, anthers rose-red, exposed, flower center with intricate markings, ovaries pale ringed		Tolerates some shade, must be hold dry after flowering	Very rarely offered	subg. <i>Amerallium</i> sect. <i>Rhophetoprason</i>
<i>Allium meteoricum</i> Heldr. & Hausskn. ex Halácsy		Scape 15-20(30) cm with small umbels (diam. 1-3 cm) of pink, cylindrical flowers	June -July	Rock gardens	Rarely offered	subg. <i>Allium</i> sect. <i>Brevispatha</i>
<i>Allium microdictyon</i> Prokh.	Kemerov district, Russia	Height 50 cm, flowers yellowish white		Prefers woodland conditions, very vigorous	Allied to <i>A. victoralis</i> , very rarely offered	subg. <i>Anguinum</i> sect. <i>Anguinum</i>
<i>Allium minutiflorum</i> Regel	Name used instead of <i>A. chlorotepalum</i> in some catalogues				Very rarely offered, true identity of the plants is unclear	subg. <i>Melanocrommyum</i> sect. <i>Acanthoprason</i>
<i>Allium moly</i> L. syn. <i>A. luteum</i> hort. Also offered as <i>A. moly</i> 'Luteum'.		Leaves lanceolate, scape 15-35 cm, umbel loose, fascicular to semi-globose, flowers large, funnel-shaped, tepals yellow with green mid-vein	June	Rock gardens, herbaceous beds and borders, cut flowers, forcing	Introduced as garden plant probably in 17th cent.	subg. <i>Amerallium</i> sect. <i>Molium</i> s. str.
<i>Allium monticola</i> Davidson	San Gabriel Mts., California	1 cylindrical curling leaf, scape very short, flowers rich violet, urn-shaped			Very rarely offered	subg. <i>Amerallium</i> sect. <i>Amerallium</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium muliense</i> (Airy Shaw) F.T. Wang & Tang syn. <i>A. hookeri</i> var. <i>muliense</i>		Scape 60-70 cm with semi-globose small umbels, flowers pale yellow	June - July	Grows in normal garden soil	Only once offered	subg. <i>Amerallium</i> sect. <i>Bromatorrhiza</i>
<i>Allium multibulbosum</i> Jacq. syn. <i>A. nigrum</i> auct.		Leaves linear-lanceolate, smooth, scape 40-80 / 70-90 cm, umbel dense, broadly fascicular up to 10 cm across, flowers greenish-white to pink with greenish mid-vein, ovaries broad, glossy, greenish-black in anthesis	(March) April to June	Herbaceous beds and borders, cut flowers, forcing	Still often sold as <i>A. nigrum</i> . Already cultivated in the 1870ies	subg. <i>Melanocrommyum</i> sect. <i>Melanocrommyum</i> s. str.
<i>Allium murrayanum</i> Regel	Synonym of <i>A. acuminatum</i>					
<i>Allium myrianthum</i> Boiss.	N Antalya, Turkey	Height 50-70 cm, heads large, very dense, flowers c. 2 mm long			Very rarely offered	subg. <i>Allium</i> sect. <i>Codonoprasum</i>
<i>Allium narcissiflorum</i> Vill.		Rhizomatous plants, leaves linear, scape 20-40 cm, umbel fascicular, only initially pendent, flowers few, very large, pink to carmine	July ? August	Rock gardens, herbaceous borders, pot plants	Already cultivated in the 1880ies	subg. <i>Amerallium</i> sect. <i>Narkissoprasum</i>
<i>Allium neapolitanum</i> Cyr. syn. <i>A. cowanii</i> Lindl.		Leaves linear-lanceolate, keeled, scape 3-angled, 20-35 cm, umbel loose, many-flowered, fascicular to semi-globose, flowers cup-shaped, pure white	(February ?) / May / spring / April - May	Rock gardens, herbaceous beds, cut flowers, forcing	Already cultivated in the 1880ies. Probably several similar but genetically different strains are cultivated, a careful study using molecular markers seems essential	subg. <i>Amerallium</i> sect. <i>Molium</i> s. str.
<i>Allium nevadense</i> S. Wats.		Flowers white	Mid spring - early summer	Mixed borders	Very rarely offered	subg. <i>Amerallium</i> sect. <i>Rhophetoprasum</i>
<i>Allium nevii</i> S. Watson syn. <i>A. douglasii</i> var. <i>nevii</i> (S. Watson) Ownbey & Mingrone		Scape 15 cm, umbels 5 cm, dense, flowers star-shaped, very light lavender (almost white)			Very rarely offered	subg. <i>Amerallium</i> sect. <i>Lophioprasum</i>
<i>Allium nevskianum</i> Vved. ex Wendelbo	Varzob gorge, Tajikistan (RM-8272, RK-8139)	Leaves long-ovate, bluish green, scape flexuous, 5-20 / 12-15 cm, head large, loose, flowers reddish to purple, tepals with dark mid-vein, weak and crumpled after bloom	May - June	Rock gardens, dry bouquets	Similar to and formerly not separated from <i>A. alexeianum</i> ; still sometimes traded under that name	subg. <i>Melanocrommyum</i> sect. <i>Kaloprasum</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium nevskianum</i> × <i>A. sarawschanicum</i>	Spontan. hybrid selected by J. Ruksans (Latvia)	Scape 40 cm, flowers like <i>A. nevskianum</i>				subg. <i>Melanocrommyum</i>
<i>Allium nigrum</i> L. s.str.		Scape 80-120 cm, leaves linear-lanceolate, often with bulbils on the tip or along the margin, inflorescence broadly fascicular, moderately dense, flowers bright pink with coarse, green ovaries			Formerly <i>A. multibulbosum</i> was named <i>A. nigrum</i> . The latter species was newly typified and described by Seisums (1998); the cultivar 'Pink Jewel' agrees with that new description	subg. <i>Melanocrommyum</i> sect. <i>Melanocrommyum</i> s. str.
<i>Allium nutans</i> L.		Plants like <i>A. senescens</i> but leaves wider and spread out, scape strongly 2-angled, 30-60 cm, umbel pendent before bloom, flowers whitish to bluish lilac or purplish, inner filament bases widened with 2 rounded teeth	August / summer	Herbaceous borders and beds	Often not easy to differentiate from <i>A. senecens</i> s. str.	subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
<i>Allium nuttallii</i> S. Watson	Synonym of <i>A. drummondii</i>					
<i>Allium obliquum</i> L.	W Sajon Mts., Siberia	Bulbs large, ovate, leaves many, flat, keeled, with telescope-like sheaths, scape 60-120 / 80-100 cm, head dense, hemi-spherical to almost spherical, small, flowers (greenish-)yellow, anthers long exerted	June ? July / summer / May - June	Herbaceous beds and borders, cut flowers	Also collected or cultivated and consumed as "wild garlic"	subg. <i>Polyprason</i> sect. <i>Oreiprason</i>
<i>Allium odorum</i> L.	Synonym of <i>A. ramosum</i>					
<i>Allium olympicum</i> Boiss.	Ilgaz Dag, Turkey	Scape 20-25 cm, umbel very dense, flowers of milder, more pinkish color than <i>A. carinatum</i> subsp. <i>pulchellum</i>	Late June	Sunny spots on well drained soil	Rarely offered	subg. <i>Allium</i> sect. <i>Codonoprasum</i>
<i>Allium oreophiloides</i> Regel	Zeravshan range, Tajikistan	Leaves 2-3, thread-like, scape 5-9 cm, umbel dense with 7-15 comparatively big, widely cup-shaped, light pink flowers	Late June	Sunny raised beds, pots	Very rarely offered	subg. <i>Allium</i> sect. <i>Pallasia</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium oreophilum</i> C. A. Mey. syn. <i>A. ostrowskianum</i> Regel		Leaves 2, linear, green to greyish-violet, longer than the flexuous 5-20 cm scape, umbel loose, initially fascicular later subglobose, flowers large, campanulate, pink to deep brownish purple	May - June	Rock gardens and borders, dry bouquets	A very polymorphous species already cultivated in the 1880ies	subg. <i>Porphyroprason</i> sect. <i>Porphyroprason</i>
<i>Allium orientale</i> Boiss.	N Akseki, Turkey	Umbel almost spherical, dense, flowers large, white, ovaries dark green			Very rarely offered; botanical identity is somewhat unclear	subg. <i>Melanocrommyum</i> sect. <i>Melanocrommyum</i> s. str.
<i>Allium oschaninii</i> O. Fedtsch.	Mountains S Fergan valley, Uzbekistan (ARJA-9840)	Scape 1 m, hollow, nicely inflated below the middle, umbels dense, globose, flowers white	Late flowering	Dry bouquets	Similar to common onion but not its wild progenitor (Gurushidze et al. 2007)	subg. <i>Cepa</i> sect. <i>Cepa</i>
<i>Allium ostrowskianum</i> Regel	Synonym of <i>A. oreophilum</i>					
<i>Allium ovalifolium</i> Hand.-Mazz. var. <i>leuconeurum</i> J.M. Xu		With <i>Hosta</i> -like general appearance, scape 60 cm, leaves with longitudinal strips		Shady spots	Only once offered	subg. <i>Anguinum</i> sect. <i>Anguinum</i>
<i>Allium oxyphilum</i> Wherry	Synonym of <i>A. cernuum</i>					
<i>Allium pallasii</i> Murray	Fergan valley, Uzbekistan	Leaves terete, thread-like, scape c. 40 cm long with multi-flowered, dense umbel c. 4 cm in diam., flowers small, soft pink	Early summer		Very rarely offered	subg. <i>Allium</i> sect. <i>Pallasia</i>
<i>Allium pallens</i> L.	Capri Island, Italy	Scape 25 cm, flowers small creamy tinged pink in rather dense umbel	Summer		Very rarely offered, also wrongly named <i>A. bucharicum</i> (michaelcamphausen.de 2014)	subg. <i>Allium</i> sect. <i>Codonoprasum</i>
<i>Allium paniculatum</i> L.		Leaves prominently ribbed beneath, scape 30-70 cm / "var. <i>minor</i> " 10-15 cm, umbel loose, flowers yellowish white or pink	Summer / August-September		Rarely offered; four subspecies are recognized differing by plant hairiness and by length and color of tepals	subg. <i>Allium</i> sect. <i>Codonoprasum</i>
<i>Allium paradoxum</i> (M. Bieb.) G. Don var. <i>paradoxum</i>		Scape 15-30 cm, flowers white with a faint green mid-vein, but mostly replaced by green bulbils	Summer	Shady lawns	May become invasive by the bulbils	subg. <i>Amerallium</i> sect. <i>Briseis</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium paradoxum</i> (M. Bieb.) G. Don var. <i>normale</i> Stearn		Leaves 1-2, deep green, keeled, flat, scape 20-30 cm, edged, flowers 2-5, large, pendent, pure white	May	Shady spots of rock gardens and herbaceous borders, cut flowers, pot plants	Owens much higher ornamental value than the typical variety	subg. <i>Amerallium</i> sect. <i>Briseis</i>
<i>Allium parvum</i> Kellogg	Blue Mountains, Oregon, USA	Leaves prostrate, narrow, sickle-shaped, dwarf "tumbleweed" with compact, 3-5 cm umbels on short scape, flowers lavender-pinkish			Very rarely offered	subg. <i>Amerallium</i> sect. <i>Lophioprason</i>
<i>Allium pendulinum</i> Ten.		Flowers white with green median vein			Very rarely offered	subg. <i>Amerallium</i> sect. <i>Briseis</i>
<i>Allium peninsulare</i> Lemmon ex Greene	Sierra Nevada foothills, California, USA	Scape 15 - 20 / 25 cm, umbels compact 5 - 8 cm across, flowers bright rose-purple / amethyst-violet, inner tepals enclose the cream-colored anthers, the outer, broader tepals form a bowl-like floret surrounding the inner tepals			Very rarely offered	subg. <i>Amerallium</i> sect. <i>Amerallium</i>
<i>Allium pikeanum</i> Rydb.	Synonym of <i>A. geyeri</i>					
<i>Allium platycaule</i> S. Watson		Leaves flat, sickle-like, scape 10 / 15 - 20 cm, umbel many-flowered / dense globose up to 8 cm across, flowers big, narrowly cup-shaped, rose / purplish red	The easiest in this group / June - July	Needs good drainage	Rarely offered	subg. <i>Amerallium</i> sect. <i>Lophioprason</i>
<i>Allium plummerae</i> S. Watson		Leaves 3-6, stiff lanceolate, green, flowers pale pink, wax-like, rather large	June - August, long flowering		Very rarely offered	subg. <i>Amerallium</i> sect. <i>Amerallium</i>
<i>Allium polyanthum</i> Schult. & Schult.f.	Capri Island, Italy	Leaves flat, dense umbel like <i>A. sphaerocephalon</i> , tepals soft pink with darker mid-vein	Mid summer		Very rarely offered	subg. <i>Allium</i> sect. <i>Allium</i>
<i>Allium praecox</i> Brandegee		Average mature height of 30 cm, flowers white	Early to late spring	Mixed borders	Very rarely offered	subg. <i>Amerallium</i> sect. <i>Amerallium</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium protensum</i> Wendelbo	Sarimar Mts., Uzbekistan (ARJA 9839)	Leaves large, smooth, scape 30 - 40 cm, head large, loose, pedicels strongly unequal, flowers star-like, tepals cream, with brown to purple, broad mid-vein, stiff and stary after bloom	June	Rock gardens and borders, dry bouquets	Formerly merged with <i>A. schubertii</i>	subg. <i>Melanocrommyum</i> sect. <i>Kaloprason</i>
<i>Allium przewalskianum</i> Regel	Near Lahanu Monastery, Tibet	Bulb base orange, leaves thread-like, scape 20 - 25 cm, umbel small, dense, flowers bright purple / pale violet	Late summer		Very rarely offered	subg. <i>Reticulatulbulbosa</i> sect. <i>Reticulatulbulbosa</i>
<i>Allium pseudoampeloprasum</i> Miscz. ex Grossh.	Armenia	Plants 60 cm tall. has long lobes of anthers stalks more notable than the tepals	Middle of summer		Very rarely offered	subg. <i>Allium</i> sect. <i>Allium</i>
<i>Allium pseudowinklerianum</i> R.M. Fritsch & F.O. Khass.	Fergana range, Kyrgyzstan	Scape 40-50 cm, flowers large, narrowly cup-shaped, purplish-violet			Very rarely offered, rather recently separated from <i>A. winklerianum</i>	subg. <i>Melanocrommyum</i> sect. <i>Regeloprason</i>
<i>Allium pseudozeravschanicum</i> Popov & Vved. ex B. Fedtsch. & Popov	Arvaz valley, Kopet-Dag Range, Turkmenistan	Scape 60-70 cm, umbel dense, globose, flowers light pinkish violet, tepals with darker mid-vein		Easy in well-drained, sunny spots	Very rarely offered, probably not more than a variant of <i>A. sarawschanicum</i>	subg. <i>Melanocrommyum</i> sect. <i>Megaloprason</i> s. str.
<i>Allium pskemense</i> B. Fedtsch.	Akbulak valley, Uzbekistan (RKMP-8207)	Spring foliage resembling thick fingers, scape 0.8-1 m with dense white globular umbels	August		Very rarely offered; a hot-tasting wild relative of common onion	subg. <i>Cepa</i> sect. <i>Cepa</i>
<i>Allium pulchellum</i> G. Don	Synonym of <i>A. carinatum</i> subsp. <i>pulchellum</i>					
<i>Allium purdomii</i> W.W. Sm.	Synonym of <i>A. cyaneum</i>					
<i>Allium pyrenaicum</i> Costa & Vayr.		Plants up to 45 cm tall and 30 cm wide, flowers very pale purple	Mid to late summer	Mixed borders, containers	Very rarely offered; unclear whether the true species is traded	subg. <i>Allium</i> sect. <i>Allium</i>
<i>Allium ramosum</i> L. syn. <i>A. odorum</i> L., <i>A. tataricum</i> L.f.		Bulb tunics reticulate, leaves narrow, scape 2-angled, 50-80 cm, umbel dense, semi-globose, flowers white, tepals with brownish mid-vein	July ? / October / summer	Herbaceous beds and borders, cut flowers with sweet odor	Widely cultivated as spice plant, owns ornamental value. Many transitional forms between <i>A. ramosum</i> (early flowering, long tepals) and <i>A. tuberosum</i> (late flowering, short tepals) are known	subg. <i>Butomissa</i> sect. <i>Butomissa</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium regelii</i> Trautv.	Foothills of Kopet-Dag range, Turkmenistan	Leaves narrowly lanceolate, scape (20) 50-80 cm, inflorescence composed of (1) 2-6 superposed whorls, pedicels unequal, flowers few, campanulate, tepals bright lilac to purple with dark mid-vein	End May to mid June	Herbaceous beds and borders, cut flowers, needs good summer rest and perfect drainage	Very rarely offered; weak plants develop often only one umbel, strong plants up to 6 superposed partial inflorescences separated by 5-15 cm long scape parts	subg. <i>Melanocrommyum</i> sect. <i>Regeloprason</i>
<i>Allium roborowskianum</i> Regel		Flowers purple			Only once offered	subg. <i>Melanocrommyum</i> sect. <i>Decipientia</i>
<i>Allium robustum</i> Kar. & Kir.	Tarbagatai range, Kazakhstan	Scape 50-70 cm with dense umbel of deep purple flowers	Early and long lasting		Very rarely offered	subg. <i>Melanocrommyum</i> sect. <i>Decipientia</i>
<i>Allium rosenbachianum</i> hort. & auct. (of gardens and of some authors)	This name is incorrectly applied most often to <i>A. rosenorum</i> but also to <i>A. jesdianum</i> incl. subsp. <i>angustitepalum</i>				True <i>A. rosenbachianum</i> owns smooth leaves and scape, and often larger and looser flower heads	subg. <i>Melanocrommyum</i>
<i>Allium rosenbachianum</i> Regel s. str.	Darvaz range, S Tajikistan	2-4 broad glossy green leaves, scape 70 cm, umbel up to 25 cm across, flowers bright violet			Very rarely offered; subsp. <i>kwa-kense</i> see under <i>A. kwakense</i>	subg. <i>Melanocrommyum</i> sect. <i>Megaloprason</i> s. str.
<i>Allium rosenorum</i> R.M. Fritsch syn. <i>A. rosenbachianum</i> auct., <i>A. jesdianum</i> auct.		Leaves many, linear-lanceolate, channeled and angled, whole scape densely ribbed, 60-90 (120) cm, head dense, flowers shining pink / dark violet with darker mid-veins / upper part of pedicels light pink	Mid May to mid June	Small plantings in herbaceous beds and borders, cut flowers. Introduced as ornamental bulb plant in the first decades of 20th century	Several cultivars are still traded under the synonym names. The characters of scapes and leaves allow a clear separation from similar species. May become invasive by self-seeding	subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
<i>Allium roseum</i> L.		Scape 30-50 cm, umbel many-flowered, flowers rose, white or flesh-colored	Spring to summer / end May - June		Already cultivated in the 1890ies, rarely offered today	subg. <i>Amerallium</i> sect. <i>Molium</i> s. str.
<i>Allium rotundum</i> L. syn. <i>A. scorodoprasum</i> L. subsp. <i>rotundum</i> (L.) Stearn	Enem, Krasnodar distr., S Russia	Leaves flat, keeled, sheaths long, scape 25-80 / 40-50 cm, head dense, ovate to globose, flowers small, tepals papillose along the keel, dark brownish to purplish red or pink to violet, inside paler	Mid May ? June - July	Herbaceous beds and borders, cut flowers, dry bouquets and flower arrangements	Rarely offered	subg. <i>Allium</i> sect. <i>Allium</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium rubrum</i> Osterh.	Synonym of <i>A. geyeri</i>					
<i>Allium runyonii</i> Ownbey				Mixed borders	Only once offered	subg. <i>Amerallium</i> sect. <i>Rhophetoprasum</i>
<i>Allium rupestre</i> Steven	Near Abant Bolu, Turkey	Leaves threadlike, scape c. 40 cm, umbels much denser than in <i>A. paniculatum</i> and <i>A. lenkoranicum</i> , flowers narrowly campanulate, dull pink with greenish-brown mid-vein	Late July - August		Very rarely offered	subg. <i>Allium</i> sect. <i>Codonoprasum</i>
<i>Allium sanbornii</i> Alph. Wood var. <i>congdonii</i> Jeps.		Scape up to 40 cm, more than 100 whitish to light lavender pink flowers, outer tepals urn-shaped with reflexed tips	Latest blooming	Needs dry summer from start of blooming	Very rarely offered	subg. <i>Amerallium</i> sect. <i>Rhophetoprasum</i>
<i>Allium saralicum</i> R.M. Fritsch	Turkey LST-331	Flowers white in hemispherical umbels			Only once offered	subg. <i>Melanocrommyum</i> sect. <i>Melanocrommyum</i> s. str.
<i>Allium sarawschanicum</i> Regel	Pass Takhta Karacha (ARJA-9856) and Agalik valley near Samarkand, Uzbekistan	Scape 80 cm, variable in shade of flowers and color of pedicel bases			Very rarely offered	subg. <i>Melanocrommyum</i> sect. <i>Megaloprasum</i> s. str.
<i>Allium sativum</i> L. Ophioscorodon group syn. <i>A. sativum</i> var. <i>ophioscorodon</i> (Link) Döll		Upper scape part curled	June - July	Borders, solitary plants	Widely cultivated for garlic cloves; not really ornamental but striking	subg. <i>Allium</i> sect. <i>Allium</i>
<i>Allium saxatile</i> M. Bieb.		Clumps with pinkish-white or pink flowers, anthers rose	August	Alpine gardens	Rarely offered	subg. <i>Polyprason</i> sect. <i>Oreiprasum</i>
<i>Allium scabriflorum</i> Boiss.	Turkey	Scape 40-50 cm, flower heads small, dense, light sky-blue, one of the last flowering species	Late summer / July - August		Rarely offered	subg. <i>Allium</i> sect. <i>Allium</i>
<i>Allium scabriscapum</i> Boiss. & Kotschy	Zagros range near Arak, Iran	Scape 40 cm, umbel 4 cm across with bright yellow, starry, fairly big flowers		Pots, gritty soil with not too much humus, needs a dry summer rest	Very rarely offered	subg. <i>Reticulato bulbosa</i> sect. <i>Scabriscapa</i>
<i>Allium schmitzii</i> Coutinho		Scape 20 cm, stiff; umbels semi-globose, flowers white with pink vein		Drought resistant, to accompany succulent beds	Only once offered	subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium schoenoprasoides</i> Regel	Heights of Kugart, Kyrgyzstan (ARJA 9726)	Bulbs bright green, scape some 40 cm tall, flower head small but dense, flowers large, soft light pinkish violet / very light bluish, almost white		Tolerates summer moisture	Very rarely offered	subg. <i>Allium</i> sect. <i>Pallasia</i>
<i>Allium schoenoprasum</i> L. subsp. <i>orosiae</i> J.M. Monts.	Croatia	Leaves greyish, scape 50 cm, flowers purplish-pink	Mai - July	Sunny and semi-shadow spots	Only once offered; this subspecies is not accepted by most taxonomists	subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>
<i>Allium schoenoprasum</i> L. syn. <i>A. sibiricum</i> L.		Leaves thin, cylindrical, hollow, scape 10-50 cm, hollow, heads dense, subglobose, flowers white or pink to carmine, tepals with darker mid-vein, twice longer than the filaments.	May? June, second bloom in late summer is possible	Herbaceous beds, rock gardens, cut flowers	Very polymorphous species, many ornamental varieties were selected. In Europe often grown for dual use as spice plant and ornamental	subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>
<i>Allium schubertii</i> × <i>A. atropurpureum</i>		Combines flower color and scape length of 50-60 cm of <i>A. atropurpureum</i> with shape of <i>A. schubertii</i> flower head up to 15 cm in diameter, flowers variable in color			Rarely offered; several cultivars may trace back to identical crosses	subg. <i>Melanocrommyum</i> intersectional hybrid
<i>Allium schubertii</i> Zucc.		Leaves large, broad, smooth, scape 40-50 cm, head very large and loose, pedicels very unequal, flowers star-like, pink / mallow-purple, tepals with inconspicuous mid-vein, after bloom crumpled and rather weak	June - July	Herbaceous beds, cut flowers, forcing, pots, dry bouquets 2012 R.H.S. Award of Garden Merit	This name was formerly also applied to <i>A. protensum</i> differing by much broader leaves and smaller pale flowers becoming stiff after anthesis. Introduced as ornamental bulb plant in the first decades of 20th century	subg. <i>Melanocrommyum</i> sect. <i>Kaloprason</i>
<i>Allium scorodoprasum</i> L.		Scape 80-100 cm, inflorescence loose, flowers dark vinous	June		May become invasive because of the many air bulbils among the few flowers, leaves are edible	subg. <i>Allium</i> sect. <i>Allium</i>
<i>Allium scorzonerifolium</i> Desf. ex DC.		Offered without giving specific characters				subg. <i>Amerallium</i> sect. <i>Molium</i> s. str.
<i>Allium semenowii</i> Regel		Offered without giving specific characters				subg. <i>Cepa</i> sect. <i>Annuloprason</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium senescens</i> L. (formerly lumped with <i>A. lusitanicum</i> , see also there)		Leaves linear, erect, scape 30-60 cm, heads dense, globose, flowers purplish or lilac, inner filament bases ovate without teeth	June to August / summer to autumn	Borders and herbaceous beds, cut flowers	Very variable and not always easily separable from <i>A. nutans</i>	subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
<i>Allium serratum</i> S. Watson	Synonym of <i>A. amplexens</i>					
<i>Allium sewerzowii</i> Regel	Kurama Ridge, Uzbekistan (ARJA-9883)	Slightly more robust plants with up to 3 wider leaves than <i>A. fetisowii</i> , scape 0.8-1 m, dense heads of violet purple / pinkish lilac flowers			Very rarely offered	subg. <i>Melanocrommyum</i> sect. <i>Acropetala</i>
<i>Allium sharsmithae</i> (Ownbey & Aase ex Traub) McNeal		Seemingly stemless, umbels compact, flowers shiny, longer, narrowly urn-shaped with abruptly recurved tips			Only once offered	subg. <i>Amerallium</i> sect. <i>Amerallium</i>
<i>Allium shelkovnikovii</i> Grossh.		Leaves two, comparatively wide, blue-green, scape short with medium-sized, hemispherical heads of pink flowers, tepals with a darker central stripe, anthers yellow			Only once offered; the true identity of these plants is not clear	subg. <i>Melanocrommyum</i> sect. <i>Acanthoprasum</i>
<i>Allium sibiricum</i> L.	Synonym of the robust arctic-montane form of <i>A. schoenoprasum</i>					
<i>Allium sibthorpiatum</i> Schult. & Schult. f.		Leaves thin thread-like, scape 15 cm, flowers pale pink-purple bells, the tepals are pointed with a darker purple central vein	Mid summer	Pots, choice rockery spot	Only once offered	subg. <i>Allium</i> sect. <i>Codonoprasum</i>
<i>Allium siculum</i> Ucria syn. <i>Nectaroscordum siculum</i> (Ucria) Lindl., <i>A. bulgaricum</i> (Janka) Prodan, <i>A. dioscoridis</i> Sm.		Leaves narrow, strongly keeled, yellowish green, scape 60-90(120) cm, umbel very loose, fascicular, flowers large, pedicels pendent, unequal, tepals very broad, greenish with red and yellowish	End-May ? mid June	Herbaceous beds, cut flowers, dry bouquets. All plant parts with pungent smell	<i>Nectaroscordum</i> is still sometimes treated as separate genus	subg. <i>Nectaroscordum</i> sect. <i>Nectaroscordum</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium sikkimense</i> Baker syn. <i>A. tibeticum</i> Rendle, <i>A. kansuense</i> Regel		Like <i>A. cyaneum</i> but leaves broader, flat, plants larger, scape 10-40 cm, umbel pendent, flowers larger, filaments shorter than tepals	July ? August / summer	Front of herbaceous borders, rock gardens 1937 A.M.	Very similar to <i>A. beesianum</i>	subg. <i>Reticulobulbosa</i> sect. <i>Sikkimensia</i>
<i>Allium siskiyouense</i> Ownbey ex Traub	Clamath ranges in California, USA (NWS 00-41)	Like <i>A. falcifolium</i> , leaves distinctly narrower, flower urn-shaped, white to pale rose with a much darker mid-vein, tepals broader with only slightly reflexed tips, not as dramatically tapered			Very rarely offered	subg. <i>Amerallium</i> sect. <i>Rhophetoprason</i>
<i>Allium sivasicum</i> Özhatay & Kollmann		Scape 15 cm, umbel like <i>A. flavum</i> , pedicels of different length, flowers mauvish-purple overlaid with a bloom			Very rarely offered	subg. <i>Polyprason</i> sect. <i>Scorodon</i> s. str.
<i>Allium sosnovskyanum</i> Miscz. ex Grossh.		Scape sideward growing, umbel spherical dense, flowers small, tepals slightly greenish white with blue midrib			Very rarely offered	subg. <i>Allium</i> sect. <i>Multicaulea</i>
<i>Allium sphaerocephalon</i> L.		Leaves semi-cylindrical, scape 30-80 cm, heads ovoid, very dense, pedicels unequal, flowers deep pink to purple or brown-red, anthers and cylindrical side teeth of broadened inner filament bases exerted	June ? July	Alpine gardens and borders, cut flowers, forcing		subg. <i>Allium</i> sect. <i>Allium</i>
<i>Allium sphaerocephalon</i> L. subsp. <i>arvense</i> (Guss.) Arcang	Between Korkuteli and Fethiye, Turkey	Flower heads more globose, central florets closed, white with green midrib and exerted purple anthers, lower florets more purple toned especially at tip	Much later than other forms		Rarely offered, also wrongly as subsp. <i>trachypus</i> (Boiss. & Spruner) K. Richt.)	subg. <i>Allium</i> sect. <i>Allium</i>
<i>Allium staticiforme</i> Sm.	Mikri Vigla beach, Naxos, Greece	Scape rarely over 20 cm, very tight umbel just 1.5-2 cm across, with hundreds of tiny milky-white flowers			Only once offered	subg. <i>Allium</i> sect. <i>Codonoprasum</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium stellatum</i> Nutt. ex Ker-Gawl.	Spokane Co., Wyoming, USA	Leaves linear, c. 3 mm wide, scape slender, 35-50 cm tall, umbels tight, flowers medium- sized, deep reddish-pink / lavender	Late June / July - August			subg. <i>Amerallium</i> sect. <i>Lophioprason</i>
<i>Allium stipitatum</i> Regel syn. <i>A. hirtifolium</i> Boiss.		Leaves large, ± hairy or hairless with rough margins, scape 100- 150 cm, completely smooth (only ribbed when dry), heads large, semi- to sub-globose, flowers star- like, white or pink to purple, tepals with darker mid-vein, lanceolate, later reflexed and crumpled	May - June	Herbaceous borders and beds, cut flowers, forcing, dry bouquets 1958 A.M.	Leaf and flower characters are very polymorphous, needs well manured soil and repeated replanting; may become invasive by self-seeding. Already cultivated in the 1890ies.	subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
<i>Allium struzianum</i> Ogan.		Wild plants 20 cm high with only 3- 4 relatively big, starry flowers, garden plants with scape up to 50 cm and multi-flowered umbel			Only once offered	subg. <i>Melanocrommyum</i> sect. <i>Melanocrommyum</i> s. str.
<i>Allium suaveolens</i> Jacq.					Only once offered, but not as medical or spice plant	subg. <i>Polyprason</i> sect. <i>Daghestanica</i>
<i>Allium subakaka</i> Razyfard & Zarre syn. <i>A. akaka</i> auct.		2 wide, quite often longitudinally ribbed leaves, scape rarely longer than 15 cm, flower head very dense, flower color variable	May - June		Very rarely offered	subg. <i>Melanocrommyum</i> sect. <i>Acanthoprason</i>
<i>Allium subhirsutum</i> L.	Baba Dag Mts., Turkey	Leaves broad with slightly hairy margins, more or less prostrate, shiny green, scape 7-30 / 20-25 cm, umbel few- to many-flowered, lax, spreading, up to 10 cm in diam., flowers large, pure white	Spring / early summer	Sunny spots with good drainage	Rarely offered	subg. <i>Amerallium</i> sect. <i>Molium</i> s. str.
<i>Allium subhirsutum</i> subsp. <i>trifoliatum</i> (Cirillo) Arcang., <i>A.</i> <i>subhirsutum</i> var. <i>trifoliatum</i> (Cirillo) Batt. & Trab.	Synonyms of <i>A.</i> <i>trifoliatum</i>					

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium subvillosum</i> Salzm. ex Schult. & Schult. f.		Scape quite short, umbel upright, flowers rather pure white with vividly yellow anthers		Easy in well-drained, hot spots in full sun	Very rarely offered	subg. <i>Amerallium</i> sect. <i>Molium</i> s. str.
<i>Allium suworowii</i> Regel	Kushk, Turkmenistan, and Sina, SE Uzbekistan (ARJA-9828)	Leaves to 3 cm wide, coarse at margin, scape 70-80 / 100 cm with dense semi-globose to globose, many-flowered umbels, flowers rose-violet / pinkish-lilac	June - July	Sunny, well drained spots	Rarely offered	subg. <i>Melanocrommyum</i> sect. <i>Megaloprason</i> s. str.
<i>Allium taeniopetalum</i> Vved. [subsp. <i>mogoltavicum</i> (Vved.) R.M. Fritsch & F.O. Khass.]		Scape of medium height, elegant globose umbels of rather big starry, purplish violet flowers		Needs good drainage	Very rarely offered	subg. <i>Melanocrommyum</i> sect. <i>Stellata</i>
<i>Allium tanguticum</i> Regel	A name mis-applied to <i>A. lusitanicum</i>				The true species is obviously not cultivated	subg. <i>Allium</i> sect. <i>Pallasia</i>
<i>Allium tataricum</i> L.f.	Synonym of <i>A. ramosum</i>					
<i>Allium tauricola</i> Boiss.	Spitak district, Armenia, and NE Turkey	Plants 10 / 30 cm high, flowers cup shaped, tepals acuminate, dull purple edged white	End June - July	Rock gardens, easy to grow	Very rarely offered	subg. <i>Allium</i> sect. <i>Codonoprasum</i>
<i>Allium tchihatschewii</i> Boiss.	Kusedagi gec. near Gümüşhane, NE Turkey (HN-0113)	Scape 15-22 cm, inflorescences loose, pedicels pendulous, long, violet shaded, flowers bright purple	Mid summer	Pots	Very rarely offered	subg. <i>Allium</i> sect. <i>Brevispatha</i>
<i>Allium tenuicaule</i> Regel	Kurama range, Uzbekistan	Scape 10-15 cm, leaves thread-like, flowers narrowly cup-shaped, bright pinkish-purple, per 8-15 in a tight umbel		Sunny rock gardens, pots	Only once offered	subg. <i>Reticulobulbosa</i> sect. <i>Campanulata</i>
<i>Allium texanum</i> T.M. Howard		Leaves narrow, strict, blue-green, scape c. 40 cm, white umbels of star-like flowers, anthers pink	Late spring		Rarely offered	subg. <i>Amerallium</i> sect. <i>Amerallium</i>
<i>Allium textile</i> A. Nelson & J.F. Macbr.		Grows very quickly to 25 cm height and 15 cm width, flowers white	Mid spring	Mixed borders	Very rarely offered	subg. <i>Amerallium</i> sect. <i>Amerallium</i>
<i>Allium thunbergii</i> G. Don		Leaves triangular, erect, remain green during anthesis, height 20-30 cm, umbels c. 3 cm across, flowers reddish-purple	September - November	Alpine and rock gardens, containers and pots 2002 R.H.S. Award of Garden Merit	Rarely offered	subg. <i>Cepa</i> sect. <i>Sacculiferum</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium tibeticum</i> Rendle	Synonym of <i>A. sikkimense</i>					
<i>Allium tolmiei</i> Baker var. <i>platyphyllum</i> Ownbey	Blue Mts., Oregon, USA (NWS 01-22)	2 bold, broad, sickle-shaped leaves, scape 10 cm, umbels up to 7.5 cm in diam., spherical, flowers vase-shaped			Rarely offered	subg. <i>Amerallium</i> sect. <i>Amerallium</i>
<i>Allium tolmiei</i> Baker var. <i>tolmiei</i>		Plants compact with 2 narrower, less falcate leaves and smaller heads, flowers light soft pink, collared with a darker mid-vein			Rarely offered	subg. <i>Amerallium</i> sect. <i>Amerallium</i>
<i>Allium trautvetterianum</i> Regel	Darvaz range, Tajikistan	Scape up to 1 m, flowers markedly bigger than in <i>A. giganteum</i> and <i>A. macleanii</i> and bright purplish-violet		Sharply-drained, fertile, sunny site, dry in the summer	Very rarely offered	subg. <i>Melanocrommyum</i> sect. <i>Compactoprason</i>
<i>Allium trifoliatum</i> Cirillo syn. <i>A. subhirsutum</i> subsp. <i>trifoliatum</i> (Cirillo) Arcang., <i>A. subhirsutum</i> var. <i>trifoliatum</i> (Cirillo) Batt. & Trab.	S Agros, Cyprus	Generally similar to <i>A. subhirsutum</i> , but with shorter scape and denser umbels, tepals tinged with pink or pink-veined, anthers yellow		Raised beds, pots	Very rarely offered	subg. <i>Amerallium</i> sect. <i>Molium</i> s. str.
<i>Allium tripedale</i> Trautv. syn. <i>Nectaroscordum tripedale</i> (Trautv.) Traub	Armenia	Like <i>A. siculum</i> but height 1-1.3 m, earlier flowering, inflorescence more compact, pedicels shorter, flowers large, campanulate, 2 cm in diam., white with pinkish flush / bright pink	May	Herbaceous beds, cut flowers, dry bouquets	Very rarely offered	subg. <i>Nectaroscordum</i> sect. <i>Nectaroscordum</i>
<i>Allium triquetrum</i> L.		Leaves linear, strongly keeled, scape 15-25 cm, 3-angled, umbel fascicular, 3-15-flowered / flowers few, pendent, white with broad green mid-vein	February to April / spring	Herbaceous beds, cut flowers, forcing, pots	Frost tender. Introduced as ornamental bulb plant in the first decades of 20th century	subg. <i>Amerallium</i> sect. <i>Briseis</i>
<i>Allium tschimganicum</i> O. Fedtsch.	Mt. Chimgan, Uzbekistan (ARJA-9629)	Scape 0.7-1 / 1-1.3 m, umbel dense, flowers purplish violet	June	Sunny, well drained spot with a dry summer rest	Rarely offered	subg. <i>Melanocrommyum</i> sect. <i>Acmopetala</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium tuberosum</i> Rottl. ex Spreng.	SE Asia	Scape 25-50 cm, umbel many-flowered, flowers white with a faint green or brown mid-vein on the back	Summer to autumn / July - September		Like <i>A. ramosum</i> widely cultivated as spice plant, owns ornamental value. Concerning transitional forms to <i>A. ramosum</i> , see there	subg. <i>Butomissa</i> sect. <i>Butomissa</i>
<i>Allium tuncelianum</i> (Kollmann) Özhatay, B. Mathew & Siraneci	S Tunceli, Turkey	Scape 60-80 cm, umbel dense spherical, flowers tiny but plenty, greenish-white with purplish-green mid-vein	Mid summer	Needs dry summer rest (lifting)	Related to garlic, but is not its wild progenitor; very rarely offered	subg. <i>Allium</i> sect. <i>Allium</i>
<i>Allium tuolumnense</i> (Traub) S.S. Denison & McNeal		Offered without giving specific characters			Very rarely offered	subg. <i>Amerallium</i> sect. <i>Rhophetoprasum</i>
<i>Allium turkestanicum</i> Regel	NE Almaty, Kazakhstan	Scape c. 1 m tall, umbel very dense with hundreds of small clean pink flowers	Mid summer	Rock gardens, sunny spots with good drainage, dry summer rest	Very rarely offered; the name is more often wrongly used for plants of the <i>A. senescens</i> group	subg. <i>Allium</i> sect. <i>Mediasia</i>
<i>Allium ubipetrense</i> R.M. Fritsch	Kuh-e Bosphone near Arak, Iran (SLIZE 98-316)	2-3 leaves, scape 2 - 15 / 5 - 30 cm, umbels medium-sized, semi-globose / globose, flowers light violet / pale purplish			Very rarely offered, also under the name <i>A. shelkovnikovii</i> , hybrids with <i>A. woronowii</i> were also reported	subg. <i>Melanocrommyum</i> sect. <i>Acanthoprasum</i>
<i>Allium umbilicatum</i> Boiss.	Iran	Scape 40 cm with hemispherical dense umbel, flowers light violet pink			Very rarely offered, differences to <i>A. rubellum</i> M. Bieb., <i>A. scabrellum</i> Boiss. & Buhse, and <i>A. syntamanthum</i> K. Koch are unclear	subg. <i>Allium</i> sect. <i>Avulsea</i>
<i>Allium unifolium</i> Kellogg		Bulbs on a rhizome, leaves 2-3, flat, keeled, scape 40-50 / 20 cm, umbel fascicular, flowers few / 15-20, rather large, bell-shaped, light to deep pink or violet	May ? June / spring to summer	Herbaceous beds and borders, cut flowers, pots, forcing, well drained sunny spots 1873 & 1949 A.M.; 2002 R.H.S. Award of Garden Merit		subg. <i>Amerallium</i> sect. <i>Lophioprasum</i>
<i>Allium urceolatum</i> Regel	Synonym of <i>A. caesium</i>					
<i>Allium ursinum</i> L.		Leaves keeled, broadly lanceolate, long petiolate, scape angled, 30-50 cm, umbel loose, fascicular to semi-globose, flowers several / 6-20, star-like, pure white	May / spring	Shady borders, landscaping of shady places	Spice plant (all plant parts own garlic smell and taste) with ornamental properties (already cultivated in the 1870ies), may become invasive in shady areas	subg. <i>Amerallium</i> sect. <i>Arctoprasum</i>

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium validum</i> S. Watson		Plants in average 60 cm high and 30 cm wide, flowers with pink	Early summer to early fall	Mixed borders		subg. <i>Amerallium</i> sect. <i>Caulorhizideum</i>
<i>Allium victorialis</i> L.		Leaves lanceolate, basally petiolate, scape angled, 30-60 cm, head dense, flowers cream to yellowish, filaments long exerted	June to August / summer	Herbaceous beds, in damp soil	Plants are sometimes collected in the wild for consumption	subg. <i>Anguinum</i> sect. <i>Anguinum</i>
<i>Allium vineale</i> L.		mainly for consumption offered	June - August		A spice and medical plant; only some cultivars own ornamental value. May become a noxious weed multiplying by air and side bulblets	subg. <i>Allium</i> sect. <i>Allium</i>
<i>Allium violaceum</i> hort.	Most probably a synonym of <i>A. lusitanicum</i>	(Not <i>A. violaceum</i> Willd. [1814], a synonym of <i>A. carinatum</i> )			Only once offered	
<i>Allium virgunculae</i> Maek. & Kitam.		Scape 8 - 22 cm, umbel 2 - 12-flowered, loose, flowers pink or pinkish purple with a green band	Autumn	1982 A.M.		subg. <i>Cepa</i> sect. <i>Sacculiferum</i>
<i>Allium wallichii</i> Kunth		Scape 30-73 cm, umbel many-flowered, flowers magenta to purple / maroon-purple,			Rarely offered	subg. <i>Amerallium</i> sect. <i>Bromatorrhiza</i>
<i>Allium woronowii</i> Miscz. ex Grossh.	Dzhadshur Pass, Armenia, and near Ulupinsk, E Bozkir, Turkey	Scape up to 45 cm, head tight hemispherical, flowers large, star-shaped, light violet / deep pink with a strong odor of carnations	Early summer	Rock gardens, in sunny, well drained soil	Rarely offered	subg. <i>Melanocrommyum</i> sect. <i>Melanocrommyum</i> s. str.
<i>Allium</i> × <i>stipineva</i>	Selected among <i>A. nevskianum</i> seedlings by E. Dambrauskas, Lithuania	Scape 50-60 cm, keeps leaves well during flowering time, flower heads large and dense, tepals light purple			Rarely offered; the hybrid offspring is expected	
<i>Allium yunnanense</i> Diels	Synonym of <i>A. mairei</i>					
<i>Allium zebdanense</i> L.		Leaves narrow, flat, slightly shorter than the 20-40 cm long scape, umbels fascicular, flowers few / 3-10, large, white, campanulate	May / spring / begin of April	Herbaceous borders, rock gardens, pots		subg. <i>Amerallium</i> sect. <i>Molium</i> s. str.

Taxon	Origin	Specific characters	Flow. period	Use	Remarks	Classification
<i>Allium zenobiae</i> Cory	Synonym of <i>A. canadense</i> var. <i>mobile</i>					
<i>Nectaroscordum bulgaricum</i> Janka, <i>N. dioscoridis</i> (Sm.) Stankov, <i>N. siculum</i> (Ucria) Lindl.	synonyms of <i>A. siculum</i>					
<i>Nectaroscordum tripedale</i> (Trautv.) Traub	Synonym of <i>A. tripedale</i>					
<i>Nothoscordum bivalve</i> (L.) Britton		Leaves straight upright, yellowish-green, very narrowly linear, channeled, scape 15-25 cm, umbel narrow, flowers few, yellowish, funnel-shaped	May? July (? October)	Herbaceous borders	Frost tender; may become invasive by self-seeding and side bulblets; very similar to <i>Allium</i> species but only distantly related	genus <i>Nothoscordum</i> Kunth
<i>Nothoscordum borbonicum</i> Kunth syn. <i>Allium fragrans</i> Vent., <i>Nothosc. fragrans</i> (Vent.) Kunth, <i>Nothosc. inodorum</i> auct. non (Aiton) G. Nichols.		Leaves narrowly linear, flat, glaucous, scape 20-60 cm, umbel narrow, flowers several, white, funnel-shaped, fragrant, tepals often lilac flushed, mid-vein dark	Year round, in temperate zones April to October	Herbaceous borders in warm regions	A noxious weed under frost-free conditions	genus <i>Nothoscordum</i> Kunth

### List of named cultivars

Cultivar and species	Origin	Specific characters	Flow. period	Use	Remarks	Classification
'03-61' <i>Allium unifolium</i>	Santa Cruz Mts., Calif.	Small starburst inflorescence with pedicels much longer than the perigone, flowers widely campanulate, pink and rose		Can multiply vigorously when kept moist during flowering	Only once offered	subg. <i>Amerallium</i> sect. <i>Lophioprason</i>
'Agalik' former 'Arvaz' <i>Allium sarawschanicum</i>	Agalik valley near Samarkand, Saravshan Range, Uzbekistan	Scape 80 cm, large airy umbels of violet flowers, center of flower umbel light green		Very well growing		subg. <i>Melanocrommyum</i> sect. <i>Megaloprason</i> s. str.
'Agalik's Giant' = 'Torch' <i>Allium oreophilum</i>	Agalik, Saravshan range, Uzbekistan	Scape 40 cm, umbels large dense, flowers magnolia purple	Early	Also for cut flowers		subg. <i>Porphyroprason</i> sect. <i>Porphyroprason</i>

Cultivar and species	Origin	Specific characters	Flow. period	Use	Remarks	Classification
'Akbulak' <i>Allium barsczewskii</i>	Akbulak valley, Uzbekistan (RKMP- 8205)	Height 40 cm, flowers up-looking, bright reddish purple	Early summer			subg. <i>Reticulobulbosa</i> sect. <i>Campanulata</i>
'Akbulak' <i>Allium rosenorum</i>	(no location given) RKM- 8217	Scape 80 cm, umbel airy / very large, more lax, flowers darkest purple	Early midseason / May - June	Cut flowers	Mostly offered under <i>A. jesdianum</i>	subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
'Akita' <i>Allium cristophii</i> × <i>A.</i> <i>macleanii</i>	Registered by Maurits Pronk, Zwaagdijk 15-10- 2004	90 cm high, inflorescence 20 cm in diameter, flowers very light purple RHS 76B UCL #221,			Data from KAVB database by courtesy of J. v. Scheepen	subg. <i>Melanocrommyum</i>
'Alan' <i>Allium tauricola</i>	NE Turkey	Scape 30 cm, flowers cup shaped with acuminate segments, dull purple edged white	End June - July	Rock gardens	Named after the collector Alan McMurtrie, Canada	subg. <i>Allium</i> sect. <i>Codonoprasum</i>
'Alba' identical with 'Snow Cap' <i>Allium barsczewskii</i>	Urungachsai, Pskem valley, Uzbekistan	Flowers pure snow white			Also offered as "white form"	subg. <i>Reticulobulbosa</i> sect. <i>Campanulata</i>
'Alba' <i>Allium maximowiczii</i>		Leaves grass-like, blue-grey, height 15 cm, flowers many, small, white, become paper-like after anthesis	April - May		"subsp. <i>shibutsiense</i> " is apparently a name without botanical standing	subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>
'Album' <i>Allium carinatum</i> subsp. <i>pulchellum</i>	Tubergen 1969 introduced	Scape 20-50 cm, flowers white	July - August	2002 R.H.S. Award of Garden Merit	? = <i>A. carinatum</i> subsp. <i>pulchellum</i> f. <i>album</i> , probably formally undescribed	subg. <i>Allium</i> sect. <i>Codonoprasum</i>
'Album' <i>Allium cyaneum</i>					Identity is doubtful, the flat flowers look different from <i>A. cyaneum</i> !	subg. <i>Reticulobulbosa</i> sect. <i>Sikkimensia</i>
'Album' <i>Allium hollandicum</i>		Scape ribbed, 100 cm, white flowers slightly purplish tinged, anthers lilac-pinkish	May / spring / April - May	Cut flowers	Perhaps identical to <i>A.</i> <i>rosenbachianum</i> 'Alba'	subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
'Album' <i>Allium karataviense</i>		Scape 15-20 cm	June			subg. <i>Melanocrommyum</i> sect. <i>Miniprasum</i>
'Album' <i>Allium schoenoprasum</i> syn. <i>A. schoenoprasum</i> f. <i>albiflorum</i> hort.		Scape 30 cm, umbels c. 3 cm, flowers cup-shaped, white / pale rose with green / violet mid-vein	May to August	Ornamental beds and borders, cut flowers	Dual use as spice plant and ornamental	subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>

Cultivar and species	Origin	Specific characters	Flow. period	Use	Remarks	Classification
'Album' <i>Allium stipitatum</i>		Scape smooth, 100-120 cm, umbel large dense, flowers pure white	May ? June			subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
'Aman Kutan' <i>Allium barsczewskii</i>	Aman Kutan pass, Uzbekistan (ARJA-9854)	Habit compact, rich flowering, flowers bright scarlet red				subg. <i>Reticulobulbosa</i> sect. <i>Campanulata</i>
'Ambassador' <i>Allium stipitatum</i> × <i>A. giganteum</i>	Registered by Fa. A. Langedijk 29-08-2005	Height 100 cm, pale blue-violet flowers 84C	May - June	Ornamental beds, sunny spots or in half-shade		subg. <i>Melanocrommyum</i>
'Amethyst' <i>Allium nutans</i>		Umbels large, flowers amethystine lilac finally raspberry rose, ovaries deep pink, stamens long exerted giving a pincushion effect				subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
'Annette' <i>Allium schubertii</i> × <i>A. atropurpureum</i>					Not found in recent catalogues	subg. <i>Melanocrommyum</i>
'Aquamarine' <i>Allium litvinovii</i> , named formerly <i>A. caesium</i> 'Pskem's Beauty'	Ihnachsai gorge, Uzbekistan (ARJA-9891, 9889)	Leaves tubular, plants 30-40 cm high, umbels more lax, flowers very light blue slightly greenish tinted with darker mid-vein		Good drainage preferred	Taxonomic affiliation remains unclear	subg. <i>Allium</i> sect. <i>Caerulea</i>
'Aravan' <i>Allium caesium</i>	ARJA-0043	Earlier flowering, flowers beautiful pinkish violet		Makes no bulbils but mother bulbs increase by splitting	Taxonomic affiliation remains unclear	subg. <i>Allium</i> sect. <i>Caerulea</i>
'Art' <i>Allium scorodoprasum</i>	Registered by A.J. van den Berg Flower Power 11-06-2009	Scape 1 - 1.1 m, inflorescence of green leaflets between pale violet bulblets	June			subg. <i>Allium</i> sect. <i>Allium</i>
'Arvaz' <i>Allium sarawschanicum</i>	Former name for 'Agalik'					subg. <i>Melanocrommyum</i> sect. <i>Megaloprason</i> s. str.
'Asteroids' <i>Allium nutans</i> × <i>A. senescens</i>		Scape 50 cm, largish heads of densely packed lilac-pink florets	Entire month of August			subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
'Atlas'	Registered by Fa. A. Langedijk 26-06-2001	Scape 75-90 cm, 30 cm heads of cornflower-blue flowers		Cut flowers, borders, beds; needs well-drained, moist, loamy soil in full sun	Also identically named cultivars of <i>A. cepa</i> cultivar group <i>aggregatum</i> and carrots exist	subg. <i>Melanocrommyum</i> ?

Cultivar and species	Origin	Specific characters	Flow. period	Use	Remarks	Classification
'August Confection' <i>Allium lusitanicum</i>		Handsome clumps of shiny green strap-like foliage, small, tight heads of deep, ruddy pink flowers	Late summer, at it's peak the beginning of August		merely a dark color form	subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
'Autumn Violet 2' 'Autumn Violet' × <i>A. thunbergii</i>	Selected after embryo culture	Bulbs well multiplying, leaves cylindrical c. 51 cm long, plants c. 30 cm, scape c. 65 cm, umbels 6 cm diameter, spherical, ± many-flowered flowers reddish-purple,	Late October - early November	Cut flowers		subg. <i>Cepa</i> sect. <i>Sacculiferum</i>
'Autumn Violet 3' 'Autumn Violet' × <i>A. thunbergii</i>	Selected after embryo culture	Bulbs well multiplying, leaves cylindrical c. 43 cm, plants c. 24 cm, scape c. 50 cm, umbels 5.5 cm diam., spherical, ± many-flowered, flowers reddish-purple	Late October - early November	Cut flowers		subg. <i>Cepa</i> sect. <i>Sacculiferum</i>
'Autumn Violet' <i>Allium chinense</i> × <i>A. thunbergii</i>		Scape 50-60 cm, umbels 6 cm diam., spherical, few-flowered with simultaneously flowering reddish purple flowers	Late October			subg. <i>Cepa</i> sect. <i>Sacculiferum</i>
'Autumn Violet Mini' <i>Allium chinense</i> × <i>A. virgunculae</i> var. <i>kiiense</i> Murata		Bulbs well multiplying, leaves narrowly cylindrical c. 28 cm long, plants 20 cm, about 3 scapes per sprout c. 26 cm long, umbels 3.3 cm diam., spherical, ± few-flowered, flowers dark reddish purple	October	Pots		subg. <i>Cepa</i> sect. <i>Sacculiferum</i>
'Ballerina'	Registered by Paul van Bentem Bloembollen 13-08-2004				Not found in recent catalogues; also the name of a tulip cultivar	
'Bamberg' <i>Allium schoenoprasum</i>		Leaf number is lower, not susceptible to <i>Allium</i> rust fungus, great violet flowers, late anthesis,				subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>
'Beau Regard' or 'Beau Regarde' <i>Allium cristophii</i> × <i>A. giganteum</i> (?)	Registered by J.R. Bijl van Duyvenbode 31-12-1993	Scape strong, 90 cm, head large, flowers lilac blue / pink	June - July	1995 R.H.S. Award of Garden Merit		subg. <i>Melanocrommyum</i>

Cultivar and species	Origin	Specific characters	Flow. period	Use	Remarks	Classification
'Betsie' <i>Allium schubertii</i> × <i>A. atropurpureum</i>		No description found				subg. <i>Melanocrommyum</i>
'Bicolor' <i>Allium sphaerocephalon</i>		No description found				subg. <i>Allium</i> sect. <i>Allium</i>
'Bing Bong' <i>Allium schoenoprasum</i>	Breeder Volkmar Schara 2012	No description found				subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>
'Bizar' or 'Bizard' <i>Allium scorodoprasum</i>		Scape 100-120 / 90 cm, inflorescence with many bulblets	June - July	Cut flowers		subg. <i>Allium</i> sect. <i>Allium</i>
'Black Isle Blush' <i>Allium schoenoprasum</i>	Registered by Poyntzfield Herb Nursery 21-02-1996	30 cm, flowers light mauve, 'blushes' with a deep pink flower centre / violet with dark pattern		1995 R.H.S. Award of Garden Merit ??	Dual use like common chives	subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>
'Blue Eddie' <i>Allium senescens</i> subsp. <i>glaucum</i> (Schrad. ex Poir.) Dostal	Breeder Mark Mc Donough	Leaves wavy, scape 20 cm, flowers pink	August - September	Edging		subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
'Blue Skies' <i>Allium lusitanicum</i> mis- named <i>A. tanguticum</i>		No description found				subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
'Bolero' <i>Allium atropurpureum</i> × <i>A. schubertii</i> ?		Height 60 cm, semi-globose inflor- escence of glossy, star-shaped, purple flowers	June - July			subg. <i>Melanocrommyum</i>
'Brensi' <i>Allium senescens</i> [subsp. <i>senescens</i> ]	Registered by A.A.J.M. Janssen 15-09-2009	Flowers violet N82D				subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
'Cameleon' or 'Camelion' <i>Allium trifoliatum</i>	Registered by Kwekerij De Schüllhorn 11-12- 2008/ Wayne Roderick, USA	Scape 20-25 cm, tepals white 155D median vein violetred N57A	June - July			subg. <i>Amerallium</i> sect. <i>Molium</i> s. str.
'Cantabria' or 'Cantabrica' <i>Allium victorialis</i>	Near pass Pajares, N Spain	No description found				subg. <i>Anguinum</i> sect. <i>Anguinum</i>

Cultivar and species	Origin	Specific characters	Flow. period	Use	Remarks	Classification
'Carlito' <i>Allium cristophii</i> hybrid ?	Registered by Maurits Pronk 21-06-2006/ Fa. Langedijk, Zwaagdijk	Leaves glossy, strap-shaped, mid-green, scape sturdy, erect about 75 cm, umbels rounded, about 12 cm across, dense, flowers star-shaped, silvery, light purple / pale blueviolet 76A	Spring to summer		Very different pictures in catalogues found	subg. <i>Melanocrommyum</i>
'Caroline' <i>Allium nutans</i>	Breeder ? Piet de Jong	Flowers lilac-pink, height 60-70 cm	June - August			subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
'Charming' <i>Allium karataviense</i>		Average plant height 30 cm and width 50 cm, flowers pink		Mixed borders		subg. <i>Melanocrommyum</i> sect. <i>Miniprason</i>
'Chinoro' <i>Allium sarawschanicum</i>	Chinoro gorge, Tajikistan (RM-8274)	Scape 70-80 cm, flowers deep purple in very airy globular umbels, pedicels of different length				subg. <i>Melanocrommyum</i> sect. <i>Megaloprason</i> s. str.
'Chris' Dwarf <i>Allium unifolium</i>	Former name of 'Eros'					subg. <i>Amerallium</i> sect. <i>Lophioprason</i>
'Colanda' <i>Allium rosenorum</i> (?)	Registered by G. Winkelaar 31-12-1950	Scape 100 cm, tepals outside dark violet / violet-purple?, inside purple, edged paler, bent upwards		1964 T.G.A.		subg. <i>Melanocrommyum</i>
'Constellation' <i>Allium nutans</i> hybrid misnamed <i>A. komarovianum</i>		The green foliage looks more like <i>A. senescens</i> , the strongly "winged" scapes are similar to <i>A. nutans</i>	July - August - September			subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
'Corsican White' <i>Allium schoenoprasum</i>		Scape 20 cm, flowers white, very decorative		Sunny or half-shaded spots	Spice plant with ornamental properties	subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>
'Cowanii' <i>Allium neapolitanum</i>		Scape 30-40 cm, inflorescence large, flowers pure white, early flowering	April -May		KAVB Intern. Checklist (1991): "Sometimes considered conspecific with but horticulturally distinct from <i>A. neapolitanum</i> ."	subg. <i>Amerallium</i> sect. <i>Molium</i>
'Cranz' or 'Crans'		Plants are similar to <i>A. atropurpureum</i> , flowers purplish			Only pictures in catalogues seen	subg. <i>Melanocrommyum</i> ?
'Croton' <i>Allium cernuum</i>		20 cm tall	June - July	Rock gardens		subg. <i>Amerallium</i> sect. <i>Lophioprason</i>

Cultivar and species	Origin	Specific characters	Flow. period	Use	Remarks	Classification
'Dark Eyes' <i>Allium ampeloprasum</i>	Registered by Mts Mellema-Versteeg, Creil, 2012; seedling of plants from Crete	Flowers violet 71A	July	Cut flowers, but slow growing and difficult		subg. <i>Allium</i> sect. <i>Allium</i>
'Darwas Wonder' <i>Allium darwasicum</i>	Darwas Mts., Tajikistan	Flowers intensely greenish-yellow				subg. <i>Melanocrommyum</i> sect. <i>Regeloprasum</i>
'Dreadlocks' <i>Allium oleraceum</i> L.	Registered by Dix & Zijerveld 07-09-2005 / R. Zijerveld, Lisserbroek	Flowers greenbrown 152D with violet 71A				subg. <i>Allium</i> sect. <i>Codonoprasum</i>
'Dready' <i>Allium vineale</i>	Registered by A.J. van den Berg Flower Power 11-06-2009	Scape 60-80 cm, flowers green and rose / dark green 137A in loose heads with central bulbils	June - July		May become weedy by self-sowing of air bulblets	subg. <i>Allium</i> sect. <i>Allium</i>
'Duschak' <i>Allium pseudozerav-schanicum</i>	Arvaz valley, Kopetdag range, Turkmenistan	Scape up to 70 cm, umbel dense, globose, tepals light pinkish-violet with darker midrib			Scarcely differing from <i>A. sarawschanicum</i>	subg. <i>Melanocrommyum</i> sect. <i>Megaloprasum</i> s. str.
'Dutchman'	Registered by Fa. J. Res en Zn, Castricum, 2012 / Henk Hollander	Flowers violet N81C			Not found in recent catalogues	
'Early Emperor' <i>Allium jesdianum</i> subsp. <i>angustitepalum</i>	Registered by Fa. A. Langedijk 21-06-2006	Scape ribbed, 60 / 80 cm long, inflorescence > 15 cm, flowers star-like violet 72B, filaments white	April - May			subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
'Elbe' <i>Allium schoenoprasum</i>		Scape 30 cm, spathe pale pink, flowers white			Spice plant with ornamental properties	subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>
'Emir' <i>Allium sarawschanicum</i> 'Chinoro' × <i>A. rosenbachianum</i> s. str.	Registered by Leonid Bondarenko 05-07-2005	Leaves resist well late frost damage, shape and size of flower heads like <i>A. rosenbachianum</i> , flowers purple / violet 77B		Award of KAVB for beauty and perfection		subg. <i>Melanocrommyum</i> sect. <i>Megaloprasum</i>
'Eros' formerly 'Chris Dwarf' <i>Allium unifolium</i>	Registered by W.H. de Goede 26-06-2006	Scape 20 / 30-35 cm, stiff, umbels > 10 cm, flowers bluerose N74D / bright lilac pink	June			subg. <i>Amerallium</i> sect. <i>Lophioprasum</i>
'Esmee' <i>Allium nutans</i>		Leaves not screw-like, plants 65-75 cm, flower heads lilac-violet, 6 cm in diam.	July - August			subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.

Cultivar and species	Origin	Specific characters	Flow. period	Use	Remarks	Classification
'Explosion' <i>Allium stipitatum</i>	Registered by René Zijerveld 22-05-2008 / Kater, Breezand	Flowers violet 77B			Not found in recent catalogues	subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
'Ferris Wheel' <i>Allium stellatum</i> × <i>A. cernuum</i>	Received as <i>A. drummondii</i>	Similar to <i>A. cernuum</i> with many characters of <i>A. stellatum</i>			Assumed to be a spontaneous hybrid	subg. <i>Amerallium</i>
'Feuerwerk' <i>Allium schubertii</i>		Only a photo seen			Looks like the normal species	subg. <i>Melanocrommyum</i> sect. <i>Kaloprasum</i>
'Fireworks Yellow' <i>Allium flavum</i>		Plants 30 cm high with masses of yellow blooms held in airy sprays		Beds, borders, containers, cut flowers		subg. <i>Allium</i> sect. <i>Codonoprasum</i>
'Firmament' <i>Allium atropurpureum</i> × <i>A. cristophii</i> (?)	Registered by Fa. A. Langedijk 10-12-1996	Scape 80 cm, large umbels 10 - 12 cm, flowers deep purple	May - June	Borders, cut flowers		subg. <i>Melanocrommyum</i>
'Forelock' <i>Allium amethystinum</i>	Registered by Fa. M.M. Duin 14-08-2008	130 cm high, flower heads 10 cm across, flowers green to vinous / violetred 59D to darker violetred 59A				subg. <i>Allium</i> sect. <i>Allium</i>
'Forescate' <i>Allium schoenoprasum</i>		Scape to 30 cm, flowers large, deep rose purple, early and repeatedly flowering	May to September	Mixed beds and borders, cut flowers, edging, containers	Dual use as herb and ornamental	subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>
'Fruhlaue' <i>Allium schoenoprasum</i>	F1 hybrid	Scape to 25 cm, early and plentiful flowering				subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>
'Garni' <i>Allium pseudoampeloprasum</i>	Near Garni (Armenia)	Scape reaches 0.8 - 1 m				subg. <i>Allium</i> sect. <i>Allium</i>
'Genial'	Registered by G.A.J. v. der Lans 15-10-2004				Not found in recent catalogues	
'Gimli' <i>Allium protensum</i> × <i>A. nevskianum</i>		Umbel up to 30 cm in diameter				subg. <i>Melanocrommyum</i> sect. <i>Kaloprasum</i>
'Gladiator' <i>Allium hollandicum</i> × <i>A. stipitatum</i>	Registered by W. Hey 31-12-1981	Leaves large, somewhat hairy, scape 70 - 120 / 170 cm, head very dense, broadly globose, flowers purple / rose-purple, sterile	May ? June	Herbaceous beds, cut flowers, forcing	R.H.S. Award of Garden Merit 1995	subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>

Cultivar and species	Origin	Specific characters	Flow. period	Use	Remarks	Classification
'Glauca' or 'Glaucum' <i>Allium lusitanicum</i>		Leaves good, scape 20 cm, heads globose, flowers pale pink	July - August	Borders, kitchen gardens	Also offered as <i>A. senescens</i> var. <i>glaucum</i> , a name of no botanical standing	subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
'Globemaster' <i>Allium cristophii</i> × <i>A. macleanii</i>	Registered by J.R. Bijl van Duyvenbode 31-12-1971	Leaves large, bright green, glossy, scape glossy, 80 - 100 cm, heads large, flowers violet, long-lasting bloom	June	Solitary plants in herbaceous borders, cut flowers, forcing. 1971 A.M., 1973 F.C.C., 1995 R.H.S. Award of Garden Merit	<i>A. cristophii</i> and <i>A. macleanii</i> were confirmed as parents (Friesen et al. 1997)	subg. <i>Melanocrommyum</i>
'Globus' <i>Allium karataviense</i> × <i>A. stipitatum</i>		Leaves hairless, glaucous, scape 40-50 cm, head large, initially semi-globose, flowers pinkish / whitish	May ? June	Herbaceous beds and borders, pots, long-lasting bloom	<i>A. cristophii</i> and <i>A. giganteum</i> were excluded as possible parents (Friesen et al. 1997)	subg. <i>Melanocrommyum</i>
'Glory of Pamir' formerly 'Hodji-Obi-Garm' <i>Allium stipitatum</i>	Hodji-Obi-Garm, Tajikistan	Scape 1-1.3 m, with dense umbels of lilac flowers		1997 T.G.A.		subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
'Glowing Amethyst' <i>Allium schoenoprasum</i>	Seedling of 'Forescate'	Growth rather globose, scape 35 cm, flowers pinkish-carmine or rose-red	May - July			subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>
'Goliath' <i>Allium altissimum</i>	Registered by Hoog & Dix Export 25-08-2004	Height 80-150 cm, inflorescence till 12 cm across	May - June		More similar to <i>A. stipitatum</i>	subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
'Graceful Beauty' = 'Gracefull' <i>Allium amplexans</i>	Registered by W. van Lierop en Zn. B.V. 09-11-2010/ W. Mellema, Creil; seedling	Bulbs with red tunics, 2-4 leaves, scape to 40 cm, inflorescence globular, many-flowered and long flowering, pure white NN 155C with violetred 58D nerve	April - May	Beds and borders		subg. <i>Amerallium</i> sect. <i>Molium</i> s. str.
'Grandiflorum' <i>Allium neapolitanum</i>		Flowers larger than the type with a dark eye				subg. <i>Amerallium</i> sect. <i>Molium</i> s. str.
'Grandiflorum' <i>Allium roseum</i>	Europe, 1976	Height c. 40 cm, flowers pink				subg. <i>Amerallium</i> sect. <i>Molium</i> s. str.
'Grasgrün' <i>Allium schoenoprasum</i>		Plants only 20 cm tall, flowers white	April - June	Borders, rock gardens		subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>

Cultivar and species	Origin	Specific characters	Flow. period	Use	Remarks	Classification
'Green Drops' <i>Allium ampeloprasum</i> var. <i>babingtonii</i>	Registered by Mts Mellema-Versteeg, Creil, 2013	Scape straight, flowers dark violet N77C, bulbils green		Cut flowers	Is dicussed by some bulb enthusiasts in the Internet	subg. <i>Allium</i> sect. <i>Allium</i>
'Green Grace' <i>Allium backhousianum</i>	Registered by Mts Mellema-Versteeg, Creil, 2013	Scape straight, flowers white 1255B, dense heads of green capsules		Seedheads as cut flowers	Only photo seen, does not differ from the wild form	subg. <i>Melanocrommyum</i> sect. <i>Acmopetala</i>
'Guna' <i>Allium macleanii</i> × <i>A. hollandicum</i>	Selected by J. Ruksans (Latvia); open pollinated <i>A. macleanii</i> ( <i>A. elatum</i> )	Foliage nice, scape 1 m long with globose umbels, petals wide, very bright purplish violet				subg. <i>Melanocrommyum</i>
'Hair' <i>Allium vineale</i>	Registered by A.J. van den Berg / Flower Power 19-09-2000	Scape up to 70 cm, flower head of small purplish bulbils with fine thread-like, green leaves	July - August			subg. <i>Allium</i> sect. <i>Allium</i>
'Hairy Friend' <i>Allium ampeloprasum</i>	Registered by Mts Mellema-Versteeg, Creil, 2012	Flowers violet N81C with white 155D				subg. <i>Allium</i> sect. <i>Allium</i>
'Handzorut' <i>Allium woronowii</i>	Handzorut, S Armenia	Scape 20-30 cm, brownish pink flowers				subg. <i>Melanocrommyum</i> sect. <i>Melanocrommyum</i> s. str.
'Hidcote' <i>Allium cernuum</i>		Stronger plants with greater flowers		1993 R.H.S. Award of Garden Merit		subg. <i>Amerallium</i> sect. <i>Lophioprason</i>
'His Excellency' <i>Allium macleanii</i>	Registered by A. Langedijk 31-12-1993	Leaves slowly withering during bloom, scape 90 cm, flowers pinkish-violet deeper in color than <i>A. macleanii</i>	May - June		Scape is ribbed ?	subg. <i>Melanocrommyum</i> sect. <i>Compactoprason</i>
'Hodji-Obi-Garm' <i>Allium stipitatum</i>	Later renamed 'Glory of Pamir'					subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
'Huteri' <i>Allium senescens</i>	Garden offspring in Southeast Europe expected	Leaves vividly green, slightly twisted; scape 20 cm, umbels loose	July	Spots in full sun, drought-resistant	Also offered as <i>Allium huteri</i> , a name of no botanical standing	subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
'Iden Croft' probably <i>A. senescens</i> group, not <i>A. tuberosum</i>		Plants 30-40 cm, flowers pale violet, leaves and umbels edible	August to September		Spice plant with ornamental properties	subg. <i>Rhizirideum</i> s. str. ?

Cultivar and species	Origin	Specific characters	Flow. period	Use	Remarks	Classification
'Ineke' <i>Allium schubertii</i> × <i>A. atropurpureum</i>	Registered by Peter C. Nijssen 23-05-2008/ A. Langedijk, Zwaagdijk	Flowers violet 70A				subg. <i>Melanocrommyum</i>
'Ingela' <i>Allium schubertii</i> × <i>A. atropurpureum</i>	Registered by Peter C. Nijssen 23-05-2008 / A. Langedijk, Zwaagdijk	Flowers violet 77B				subg. <i>Melanocrommyum</i>
'Isabelle' <i>Allium nutans</i>		Plant height 50 - 60 cm, flowers cream-white slightly pinkish	June - July			subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
'Ivory Queen' <i>Allium karataviense</i>	Registered by Fa. H.G.M. Huyg & Zn. 13-01-1997	Plant height 15 - 20 cm, large pure creamy white flower balls, seedpods light greenish white	Quite late / June			subg. <i>Melanocrommyum</i> sect. <i>Miniprason</i>
'Jackpot'		Leaves glossy green, height 100-120 cm, spherical large inflorescence with violet-blue, star-shaped flowers	May - June			subg. <i>Melanocrommyum</i>
'Jeannine' <i>Allium moly</i>	Registered by M.H. Hoog 31-12-1978; Spanish Pyrenees,	Robust and large, flowers golden yellow / bright yellow, often 2 flower scapes and earlier flowering	June	1986 A.M., 1993 R.H.S. Award of Garden Merit		subg. <i>Amerallium</i> sect. <i>Molium</i> s. str.
'John Dix' <i>Allium giganteum</i> × <i>A. cristophii</i> (?)	Registered by A. Twaalfhoven 31-12-1957	Scape 100 cm, flowers mauve, paler to the centre		1967 A.M., 1972 F.C.C.		subg. <i>Melanocrommyum</i>
'Judith' <i>Allium cepa</i>					Offered as ornamental, without picture	subg. <i>Cepa</i> sect. <i>Cepa</i>
'Kara-Tau' <i>Allium karataviense</i>	Bugun and Berkara gorges, Karatau range, Kazakhstan	Rosette of short, broad leaves, scape 15 cm, umbels large dense, flowers whitish / pale pinkish, seed capsules purplish tinged	June			subg. <i>Melanocrommyum</i> sect. <i>Miniprason</i>
'Kemerovo' <i>Allium victorialis</i>	Kusnetz-Alatau range. Kemerovo district, W Siberia	No description found				subg. <i>Anguinum</i> sect. <i>Anguinum</i>
'Kenton' <i>Allium porrum</i>		No description found			Offered as ornamental	subg. <i>Allium</i> sect. <i>Allium</i>
'Kugart' <i>Allium oreophilum</i>	Kugart, Fergan range, Kyrgyzstan (ARJA 9719)	"Differs from all other known stocks"				subg. <i>Porphyroprason</i> sect. <i>Porphyroprason</i>

Cultivar and species	Origin	Specific characters	Flow. period	Use	Remarks	Classification
'Kuramin's Dwarf' <i>Allium oreophilum</i>	Kurama Ridge, Uzbekistan	Plant height 5-8 cm, flowers very dark purple		Rock gardens, pots		subg. <i>Porphyroprason</i> sect. <i>Porphyroprason</i>
'Kurilense' <i>Allium splendens</i> Willd. ex Schult. & Schult.f.		Plant 10 cm, umbel 8-12-flowered, flowers lilac-purple				subg. <i>Reticulobulbosa</i> sect. <i>Reticulobulbosa</i>
'Kusavli Curl' <i>Allium oreophilum</i>	Kusavli-sai, Tajikistan	Very dwarf plants with unusually curved leaves		Pots, rock gardens		subg. <i>Porphyroprason</i> sect. <i>Porphyroprason</i>
'Leader' <i>Allium alexeianum</i> × <i>A. nevskianum</i>		Robust plants like <i>Allium</i> 'Gimli', but with wider leaves and multiplies easier				subg. <i>Melanocrommyum</i> sect. <i>Kaloprason</i>
'Lisa Blue' <i>Allium lusitanicum</i>	Breeder ? P. de Jong	Leaves blue-grey, plants 20-40 cm, flowers lilac-violet	July - August			subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
'Lisa Green' <i>Allium lusitanicum</i>	Breeder ? P. de Jong	Leaves glossy green, plants very compact 20 - 40 cm, flowers lilac-violet	August to September			subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
'Lucy Ball' <i>Allium macleanii</i> × <i>A. hollandicum</i> ?	W. Hey	Leaves yellowish-green, wide, scape ribbed, 80-100 cm, head dense, flowers lilac-purple, sterile	May - June	Herbaceous borders, cut flowers, forcing 1972 T.G.A., 1973 A.M.		subg. <i>Melanocrommyum</i>
'Magic' <i>Allium schubertii</i>	Registered by J.L. Hopman, t'Zand 2013 / Emiel Hopman	Flowers violet 71A			Not found in recent catalogues	subg. <i>Melanocrommyum</i> sect. <i>Kaloprason</i>
'Major' <i>Allium schoenoprasum</i>		Plant to 40 cm broad and 60 cm high, pale pinkish-violet flowers	May - July	Sunny beds and borders, in semi-dry to damp soil		subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>
'Mars' <i>Allium stipitatum</i>	Registered by A. Langedijk 31-12-1993	Leaves glossy, yellowish green remaining green for a long time, scape 100-120 cm, heads large up to 15 cm, flowers bright violet	May ? June / quite late		Is no hybrid (Friesen et al. 1997)	subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
'Marshmellow' <i>Allium loratum</i>	Registered by Mts Mellema-Versteeg, Creil, 2014; selected from seedlings	Scape about 70 cm, flowers pale blue-violet 76C / soft-pink	May - June	Cut flowers, borders	Not found in recent catalogues, botanical identity is unclear	subg. <i>Melanocrommyum</i> sect. <i>Compactoprason</i> ?
'Megaball'		No description found			Unclear pictures in the web, this name is also used for <i>Solanum pseudocapsicum</i> and winter cherry	could belong to subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>

Cultivar and species	Origin	Specific characters	Flow. period	Use	Remarks	Classification
'Meise' <i>Allium senescens</i>	Breeder P. de Jong, Meise	Plants 50-65 cm high, leaves rather large, twisted, inflorescence 5 cm, flowers lilac-violet	June - July			subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
'Mercurius' <i>Allium cristophii</i> hybrid ?	Registered by Fa. A. Langedijk 30-08-2004	Leaves remain green for long time, plants 80 cm, flower heads 10 cm in diam., flowers violet-pink	June	Beds, landscaping, cut flowers		subg. <i>Melanocrommyum</i>
'Metallic Shine' <i>A. atropurpureum</i> × <i>A. cristophii</i>	Registered by Mts Mellema-Versteeg, Creil, 2013	Height 60-70 cm, leaves remain green during anthesis, flowers violet 77B with brown-green 138A	June - July	Very good cut flowers, borders	Not found in recent catalogues	subg. <i>Melanocrommyum</i>
'Meteor shower' <i>Allium senescens</i> × <i>A. nutans</i> × <i>A. angulosum</i> ?	Breeder Mark McDonough	Leaves narrow, slightly twisting, scape 30-35 cm long, heads extra large, hemispherical with intensely colored buds and rose-pink flowers	August			subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
'Miami' <i>Allium atropurpureum</i> hybrid ?	Registered by Kweekersvereniging Bulbs of Lowlands, Breezand 2011 / A.W. Duivenvoorden, Callantsoog	Scape 80 cm, pedicels of unequal length, fairly open flower heads of red-purple / violet 70A flowers	June - July			subg. <i>Melanocrommyum</i>
'Michael Hoog' or 'Michael H. Hoog' <i>Allium rosenorum</i>	Registered by Hoog & Dix Export 25-08-2004	Leaves narrow, ribbed, scape wholly ribbed, 100 - 120 / 70 - 80 cm, head large, moderately dense, up to 12 cm across, flowers intensely pinkish-purple	Begin of May / May - June		Often offered under <i>A. jesdianum</i> ; is no hybrid (Friesen et al. 1997)	subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
'Millenium' <i>Allium nutans</i>	Breeder Mark McDonough, 3rd or 4th generation seedling of <i>Allium</i> 'Satellite'	Narrow, glossy green leaves, compact plants 30 × 30 cm with 5 cm rosy-purple flower heads	Mid July - August for several weeks			subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
'Minor' or 'Minus' <i>Allium flavum</i> var. <i>minus</i>		Flowers deep yellow, smaller than the type, leaves plain green	May ? June / July			subg. <i>Allium</i> sect. <i>Codonoprasum</i>
'Mongolian Gem' <i>Allium senescens</i> [subsp. <i>senescens</i> ]		Plants with an average height of 45 cm and a width of 20 cm		Mixed borders, containers, rock gardens, groundcover		subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.

Cultivar and species	Origin	Specific characters	Flow. period	Use	Remarks	Classification
'Monstrosum' <i>Allium tuberosum</i>		A large variant of <i>A. tuberosum</i> 80 cm high	August - September	Flower beds	Dual use as spice plant and ornamental	subg. <i>Butomissa</i> sect. <i>Butomissa</i>
'Mont Blanc' <i>Allium stipitatum</i>	Registered by N.J. Langedijk 29-06-1998	Scape 100 / 120 cm, head large, up to 15 cm in diam., flowers true white, anthers white / yellow	May - June			subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
'Mother of Pearl' <i>Allium hollandicum</i>	Registered by J. Bijl 31-12-1963	Scape 80-100 cm, flowers violet-purple, slightly variable		1968 A.M., 1971 F.C.C.		subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
'Mount Everest' <i>Allium stipitatum</i>	Registered by A. Langedijk 31-12-1993	Scape 100 - 120 cm, large globular umbels 10-12 cm in diam., flowers white, slightly greenish, anthers yellow	May - June		Is no hybrid with <i>A. hollandicum</i> (Friesen et al. 1997)	subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
'No. 20-5-11'		No description found			Only once offered, only photos seen	subg. <i>Melanocrommyum</i> ? sect. <i>Procerallium</i>
'Nurek' <i>Allium rosenbachianum</i> s. str.	Near Nurek, Tajikistan	3-4 shiny, lettuce green, erect leaves, scape 1 m, umbel 16-18 cm large spherical, flowers wine-red			Only once offered	subg. <i>Melanocrommyum</i> sect. <i>Megaloprason</i> s. str.
'Olympic Mist' <i>Allium carinatum</i> subsp. <i>pulchellum</i>	Mt. Olympus, Greece	Height 40 cm, flowers creme-white to lilac with blue mid-veins	July - August		Taxonomic identity is not clear	subg. <i>Allium</i> sect. <i>Codonoprasum</i>
'Orissa'	Registered by Maurits Pronk 21-06-2006 / Fa. Langedijk, Zwaagdijk	Height 80 cm, flower heads large, fairly open, flowers red-purple / violet N80C			Only once offered	subg. <i>Melanocrommyum</i> ?
'Ostara' <i>Allium karataviense</i> × <i>A. atropurpureum</i>	Registered by Van Woetik Veredeling i.o., Breezand 2013	Leaves 6-7, up to 30 cm long and 7.5 cm wide, scape 45-50 cm, purplish flushed, umbel 6-7 cm in diam., flowers star-shaped, 18-20 mm in diam., like filaments violet 70A with violet 77B / dark purple, ovary dark green with purple flush			Also offered under <i>A. scorodoprasum</i> ; is the identical name used for different cultivars?	subg. <i>Melanocrommyum</i>
'Oxy White' <i>Allium cernuum</i>		Almost white variant of <i>A. cernuum</i> , syn. <i>A. oxyphilum</i>				subg. <i>Amerallium</i> sect. <i>Lophioprason</i>

Cultivar and species	Origin	Specific characters	Flow. period	Use	Remarks	Classification
'Ozawa' or 'Ozawas' <i>Allium thunbergii</i>		Makes cushions 25 cm high and 20 cm wide, with showy plum coloured flowers	Early to mid fall	Mixed borders		subg. <i>Cepa</i> sect. <i>Sacculiferum</i>
'Pam Harper' <i>Allium nutans</i>		Leaves 20 cm × 1.2 cm, slightly twisted, glaucous, scape 40 cm with 5 cm globose balls of pure white flowers or light pink where the nights are cool	Early June, reflowers through the end of September			subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str
'Passion' <i>Allium scorodoprasum</i>	Registered by A.J. van den Berg Flower Power 11-06-2009	Scape 80 cm, flowers green and pale violet / dark red	June to July			subg. <i>Allium</i> sect. <i>Allium</i>
'Pendjikent' <i>Allium rosenorum</i>	40 km S Pendjikent, Saravshan range, Tajikistan (RKM-8224)	Scape 1.2 m, very large umbel of bright purple flowers, filaments white			Also offered under <i>A. jesdianum</i> and <i>A. altissimum</i>	subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
'Per Wendelbo' <i>Allium jesdianum</i>	Prov. Bamian, Afghanistan (W-4865)	Leaves lanceolate, scape 120 cm, head large 15-17 cm, flowers deep purple, upper filament parts white	May		Belongs probably to subsp. <i>angustitepalum</i>	subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
'Peter' <i>Allium sphaerocephalon</i>	Between Akseki and Manavgat, Turkey	Scape 50-80 cm, slender, flowers reddish-purple in dense umbels		Needs good drainage	Named after Peter Nijssen	subg. <i>Allium</i> sect. <i>Allium</i>
'Pettstadt' <i>Allium schoenoprasum</i>		Flowers pink, profusely flowering			Not found in recent catalogues	subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>
'Pinball Wizard' <i>Allium macleanii</i> × <i>A. cristophii</i>	Registered by Fa. A. Langedijk 26-06-2001	Scape 85 cm, inflorescence dense, large, flowers dark violet	May - June			subg. <i>Melanocrommyum</i>
'Pink' <i>Allium convallarioides</i>		Pinkish flowering form				subg. <i>Allium</i> sect. <i>Codonoprasum</i>
'Pink Cloud' <i>Allium barsczewskii</i>	Urungachsai, Pskem valley, Uzbekistan (ARJA-9746)	Scape long, flowers clean light pink				subg. <i>Reticulobulbosa</i> sect. <i>Campanulata</i>
'Pink Feathers' <i>Allium senescens</i> ? hybrid		Plants grow slowly, average height 30 cm width 40 cm, flowers showy, fragrant, light purple		Mixed borders, containers, rock gardens, cut flowers, edging		subg. <i>Rhizirideum</i> ?

Cultivar and species	Origin	Specific characters	Flow. period	Use	Remarks	Classification
'Pink Form' <i>Allium crenulatum</i>	Hurrican ridge, Olympic Mts.	Plants 10-15 cm high with pink flowers	April - June			subg. <i>Amerallium</i> sect. <i>Amerallium</i>
'Pink Globe' <i>Allium stipitatum</i>	Seedling selected by J. Ruksans (Latvia)	Scape 1.2-1.4 m, umbels dense, globose, flowers distinctly pinkish				subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
'Pink Jewel' <i>Allium nigrum</i> L. s. str.		Scape 80 cm, umbel 15 cm in diam., semi-globular, flowers pink	June - July			subg. <i>Melanocrommyum</i> sect. <i>Melanocrommyum</i> s. str.
'Pink Lady' <i>Allium ampeloprasum</i>	Registered by Mts Mellema-Versteeg, Creil, 2012	Flowers violet 70A with pale blue-violet 69D			Not found in recent catalogues	subg. <i>Allium</i> sect. <i>Allium</i>
'Pink Perfection' <i>Allium schoenoprasum</i>	Registered by Poyntz-field Herb Nursery 21-02-1996	Plants 30 cm, with distinct pink flowers		Borders 1995 R.H.S. Award of Garden Merit		subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>
'Pink Planet' <i>Allium senescens</i>		Plants 45-60 cm high, 35-45 cm wide, leaves wide, twisting, gray-green, flower heads 5-8 cm with light pink to purple flowers	August to September	Flower beds in full sun to partial shade, drought resistant		subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
'Pink Vision' <i>Allium rotundum</i> ?		80-100 cm	May - June		Only once offered	subg. <i>Allium</i> ?
'Popeye'		Looks like <i>A. cepa</i> , could also be a hybrid			Offered as ornamental plant, taxonomic identity is unclear	subg. <i>Cepa</i> sect. <i>Cepa</i>
'Powder Puff' <i>Allium nevskianum</i> × <i>A. sarawshanicum</i>	Registered by Mts Mellema-Versteeg, Creil, 2013	Plants about 50 cm, flowers star-shaped, pale blue-violet 76B, over median vein 77A / glossy violet, anthers white	May - June	Borders, cut flowers		subg. <i>Melanocrommyum</i>
'Profusion' <i>Allium schoenoprasum</i>		Flowers pinkish-violet, rich flowering, does not set seed				subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>
'Pskem's Beauty' <i>A. caesium</i>	Earlier name of <i>A. litvinovii</i> 'Aquamarine'					subg. <i>Allium</i> sect. <i>Caerulea</i>
'Purple Caila'	Registered by Fa. J.H. Oostdam 30-08-2004	Scape 90 cm, spherical heads 15 cm / large, flowers star-shaped, violet / violet-purple, tepals pointed	Late spring to early summer	Open sunny spots		subg. <i>Melanocrommyum</i> ?
'Purple Explosion' <i>Allium hollandicum</i> ?		Flowers lilac			Only once offered	subg. <i>Melanocrommyum</i>

Cultivar and species	Origin	Specific characters	Flow. period	Use	Remarks	Classification
'Purple Gem' <i>Allium cardiostemon</i>	Near Of, Turkey	Scape 40 cm, with a dense head of blackish-purple flowers				subg. <i>Melanocrommyum</i> sect. <i>Melanocrommyum</i> s. str.
'Purple Gem' <i>Allium oreophilum</i>		Habit compact, late blooming, flowers deep red with a dark purple centre				subg. <i>Porphyroprason</i> sect. <i>Porphyroprason</i>
'Purple Giant'	Registered by N.J. Langedijk 31-08-2004				Not found in recent catalogues	
'Purple King' <i>Allium rosenorum</i>	Seed from Bot. Garden Moscou, 1983 selected by J. Ruksans, registered by Hoog & Dix Export 25-08-2004	Scape 70 /-80 cm, head dense, 8-10 cm, flowers dark purple	End of May - June	Herbaceous beds and borders, cut flowers	Also offered under <i>A. jesdianum</i>	subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
'Purple Mystery' <i>Allium ampeloprasum</i>	Registered by Mts Mellema-Versteeg, Creil, 2012	Flowers violet N79C, fast growing and first flowering selection			Not found in recent catalogues	subg. <i>Allium</i> sect. <i>Allium</i>
'Purple Rain' <i>Allium cristophii</i> hybrid ?		Height 70 - 80 / 90 - 100 cm, flowers deep ink-violet / purple with metallic glance	May - June	Cut flowers		subg. <i>Melanocrommyum</i>
'Purple Rhapsody'	Registered by Th. P. Warmerdam 08-09-2004	No description found			Not found in recent catalogues	subg. <i>Melanocrommyum</i> ?
'Purple Sensation' <i>Allium hollandicum</i>	Registered by J. Bijl 31-12-1963	Scape basally ribbed, 60 - 80 / 90 cm, head moderately dense, flowers deep-purple, color slightly variable	Mid to end of May - June	Herbaceous beds, cut flowers, borders, forcing 1968 & 1987 A.M., 1971 F.C.C. 1993 R.H.S. Award of Garden Merit		subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
'Purple Surprise' <i>Allium hollandicum</i>	Clone of 'Purple Sensation', registered by W. Hey 31-12-1984 / Th. P. Warmerdam 24-10-2001	Scape 70 / 100 cm, flowers brighter, bloom later	End of May	Herbaceous beds, cut flowers, forcing 1984 T.G.A.; 2002 R.H.S. Award of Garden Merit		subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
'Purple Suze' <i>Allium hollandicum</i> × <i>A. stipitatum</i>	Registered by J.M. van Berkel B.V., Hillegom, 2013, mutant of 'Gladiator'	Height 120 cm, head compact, large, flowers violet 77B / pink-purple	June - July	Fertile well drained soil, in full sun or partial shade		subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>

Cultivar and species	Origin	Specific characters	Flow. period	Use	Remarks	Classification
'Razjon' <i>Allium rosenbachianum</i>	Near Razjon, Tajikistan	Leaves usually 4-5, up to 13 cm wide, arched curved, scape 90 cm, umbel 20 cm large, flowers pinkish purple			Only once offered	subg. <i>Melanocrommyum</i> sect. <i>Megaloprason</i> s. str.
'Red and Pink Giant Mix' <i>Allium karataviense</i>		No description found			Only once offered, perhaps no cultivar but a special offer	subg. <i>Melanocrommyum</i> sect. <i>Miniprason</i>
'Red Eye' <i>Allium basalticum</i> Fragman & R.M. Fritsch		Scape 60 cm, umbel rather flat, flowers large, tepals pure white with green median vein, filaments basally pinkish-red, ovary glossy purple-red, anthers golden yellow	June - July		Perhaps identical to 'Silver Springs'	subg. <i>Melanocrommyum</i> sect. <i>Melanocrommyum</i>
'Red Giant' <i>Allium karataviense</i>	Kurama ridge, Uzbekistan (SAVV-9525)	Scape short, "leaves as large as two A4 format pages" ?, umbel very large, dense, flowers deep reddish purple	May - June			subg. <i>Melanocrommyum</i> sect. <i>Miniprason</i>
'Red Globe' <i>Allium karataviense</i> subsp. <i>henrikii</i> Ruksans	Tovaksai, Karshantau range, Uzbekistan E Tashkent (ARJA-9678)	Leaves narrower, scape 20 - 40 cm, head larger, umbel up to 25 / 20 cm diam., flowers red to purple	May - June		From the type location of this subspecies	subg. <i>Melanocrommyum</i> sect. <i>Miniprason</i>
'Red Mohican' <i>Allium amethystinum</i>		Plants 100 cm high, flowers bordeaux-red with white anthers	July			subg. <i>Allium</i> sect. <i>Allium</i>
'Rien Poortvliet' <i>Allium hollandicum</i> × <i>A. stipitatum</i>	Sport of 'Gladiator', registered by W. Hey 31-12-1980	Scape 90 cm, flowers amethyst-violet, earlier flowering	May - June			subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
'Rising Star' <i>Allium schoenoprasum</i>		Plants compact, umbels globose 2.5 cm in diam., flowers pink / lavender-pink, blooms profusely	April - June / early in the summer	Borders, rock gardens, container planting, for confined areas		subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>
'Rose Picture' <i>Allium ampeloprasum</i>	Registered by Mts Mellema-Versteeg, Creil, 2013	Flowers pale blue-violet 76A, over median vein dark green N137A			Not found in recent catalogues	subg. <i>Allium</i> sect. <i>Allium</i>
'Roseum' <i>Allium senescens</i>		Flowers pink			Not found in recent catalogues	subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.

Cultivar and species	Origin	Specific characters	Flow. period	Use	Remarks	Classification
'Rosy Dream'	Registered by Mts Mel- lema-Versteeg, Creil, 2013; selected seedling	Flowers violet N80C		Borders, not for cut flowers	Is an American species, not <i>A.</i> <i>carolinianum</i> ! Not found in recent catalogues	subg. <i>Polyprason</i> sect. <i>Falcatifolia</i>
'Rosy Giant' <i>Allium giganteum</i>	Registered by A. Twaalf- hoven 31-12-1959	Scape 100 cm, flowers amaranth- rose edged darker			Not found in recent catalogues	subg. <i>Melanocrommyum</i> sect. <i>Compactoprason</i>
'Roter Zuckerhut' <i>Allium amethystinum</i> hybrid ?		Scape 80 cm, inflorescence conical, flowers deep purple	May			subg. <i>Allium</i>
'Round n' Purple' = 'Round and Purple' = 'Round & Purple' <i>Allium cristophii</i> × <i>A.</i> <i>macleanii</i> ("elatum")	Registered by Th. P. Warmerdam 19-11-1997	Height 80 - 90 / 90 - 120 cm, inflorescence dense, depressed- globose 20-25 cm, larger than 'Globemaster', flowers amethyst- violet / purple-violet	End of May			subg. <i>Melanocrommyum</i>
'Rubra' <i>Allium karataviense</i>	Karanchitogai, Chatkal range, Uzbekistan	3-4 very wide leaves, scape 10 - 15 cm, flower heads large, dense, flowers very deep purplish red				subg. <i>Melanocrommyum</i> sect. <i>Miniprason</i>
'Russia'					Only once offered, photo similar to <i>A. aflatumense</i> s.str.	subg. <i>Melanocrommyum</i> ?
'Samur' <i>Allium oreophilum</i>	Upper course of river Samur, Daghestan, Russia	Scape 10-15 cm, leaves longer, umbels large, dense, flowers purplish red				subg. <i>Porphyoprason</i> sect. <i>Porphyoprason</i>
'Sara' <i>Allium angulosum</i>	Breeder ? Piet de Jong	Scape 40-50 cm, flowers lilac- violet	July - August	Also pots		subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
'Satellite' <i>Allium nutans</i> hybrid	Breeder ? Mark McDonough, seedling of 'Constellation'	Scape 60-70 cm tall, often 2-3 scapes emerging from each sprout	July to mid August			subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
'Scarlet Beauty' <i>Allium barsczewskii</i>	Aman-Kutan pass, Uzb- ekistan (ARJA-9854)	Habit comparatively compact, flowers abundantly in a bright scarlet red				subg. <i>Reticulobulbosa</i> sect. <i>Campanulata</i>
'Sevilla'	Registered by Maurits Pronk 21-06-2006/ Fa. Langedijk, Zwaagdijk	Flowers strong purple RHS 77B UCL #218			The plant is similar to 'Globema- ster', also a leek 'Sevilla' exists	subg. <i>Melanocrommyum</i> ?
'Shalom'	Registered by C. Broeze 31-12-1977	Scape 160-175 cm, flowers violet- purple			Not found in recent catalogues	subg. <i>Melanocrommyum</i> ?

Cultivar and species	Origin	Specific characters	Flow. period	Use	Remarks	Classification
'Shepherds Crook' <i>Allium schoenoprasum</i>		Scape to 5 cm, leaves contorted			Not found in recent catalogues	subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>
'Shing' <i>Allium rosenorum</i>	Shing gorge, Tajikistan (RKM-8220), registered by Hoog & Dix Export 25-08-2004	Bulbs yellowish, leaves yellowish / grey green, scape 70 cm, umbels very dense, flowers dark purple	Earliest blooming		Sometimes offered under <i>A. jesdianum</i>	subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
'Silver Springs' = 'Silver Spring' <i>Allium basalticum</i> Fra-gman & R.M. Fritsch	Registered by C.S. Weijers & Zn. 29-05-2008; fom Israel	Scape 75-90 cm, umbels semi-globose, flowers white 155D / crème with red / dark purple ovaries and red filament bases, sweet scent	May - June			subg. <i>Melanocrommyum</i> sect. <i>Melanocrommyum</i> s. str.
'Sina' <i>Allium nevskianum</i>	Sina, Uzbekistan	1 elliptic leaf, scape very short, flowers greenish white with purple midrib			Also wrongly offered under <i>A. alexeianum</i>	subg. <i>Melanocrommyum</i> sect. <i>Kaloprason</i>
'Snowcap' = 'Alba' <i>Allium barszczewskii</i>	Urungachsai, Pskem valley, Uzbekistan (ARJA-9745)	Flowers pure snow-white			Probably <i>A. barszczewskii</i> f. <i>niveum</i> Krassovsk.	subg. <i>Reticulobulbosa</i> sect. <i>Campanulata</i>
'South bells' <i>Allium tripedale</i> ?		Plants 30-50 cm (?)			Only photo seen	subg. <i>Nectaroscordum</i> ?
'Spider' <i>Allium schubertii</i> × <i>A. atropurpureum</i>	Registered by Bulbs of Lowlands 02-09-2009	Plant height 60 cm, flowers violet N78B with dark green 136B	June - July			subg. <i>Melanocrommyum</i>
'Spitak' <i>Allium woronowii</i>	Spitak district, Armenia	Scape 40-50 cm, umbels tight, flowers large, star shaped, pink, strong smell of carnations				subg. <i>Melanocrommyum</i> sect. <i>Melanocrommyum</i> s. str.
'Statos' or 'Stratos' <i>Allium hollandicum</i> ?	Registered by J.M. van Berkel B.V. 15-09-2005	Plant height 100 cm, flowers violet 77C / lilac-purple	Early May			subg. <i>Melanocrommyum</i>
'Stellar Dust' <i>Allium nutans</i> × <i>A. senescens</i> hybrid?	Breeder ? Mark McDonough	Inflorescences very dense, flowers with stamens well exerted, literally look like pin cushions	August			subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
'Sugar Melt' <i>Allium nutans</i> × <i>A. senescens</i> hybrid ?		Leaves narrow, green, scape c. 35 cm with pale pink, dome-shaped flower balls	July - September	Rock gardens, low maintenance and drought tolerant		subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.

Cultivar and species	Origin	Specific characters	Flow. period	Use	Remarks	Classification
'Sulev's Dwarf' <i>Allium oreophilum</i>	Selected by Sulev Savisaar, Estonia	2 narrow leaves, scape only 5 cm, umbel dense, flowers darkest reddish purple		Pots		subg. <i>Porphyroprason</i> sect. <i>Porphyroprason</i>
'Summer Beauty' <i>Allium lusitanicum</i> mis-named <i>A. tanguticum</i>	Selected by Roy Diblik	Long-lasting, clump-forming plants, leaves flat, strap-shaped, shiny green, scapes tall, 5 cm globes of pallid mauvish flowers	(June) July to August	Beds, ground cover, drought-tolerant, untroubled by pests or diseases and long-lived	Also wrongly offered as <i>A. angulosum</i> cultivar	subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
'Summer Drummer' <i>Allium ampeloprasum</i>	Registered by Mts Mellema-Versteeg 20-01-2006 / W. Mellema, Creil; selected seedling	Scape purple 1.5-1.8 m, compact head up to 12 cm diam., flowers violet 71A with white 155D / purple, anthers white	July - August	Good soil with sufficient water supply but good drainage, grows well and makes large bulbs		subg. <i>Allium</i> sect. <i>Allium</i>
'Summer Pink' <i>Allium senescens</i>	Open pollinated seedling of <i>A. senescens</i> "subsp. <i>glaucum</i> "	The gray leaves swirl and twist, scape tall, flower heads large hemispherical (2-3 per sprout)	August			subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
'Sunset' <i>Allium komarowii</i>	From a single bulb found in the original <i>A. Seisums</i> introduction	Flowers significantly darker and richer in color				subg. <i>Melanocrommyum</i> sect. <i>Compactoprasum</i>
'Superbum' <i>Allium nutans</i>		Leaves dark green, scape up to 50 cm, heads very dense, flowers purple / dark pink	Early summer / August	Borders, edging, ground cover, containers; sun loving and drought tolerant	Also offered as <i>A. superbum</i> , a name of no botanical standing	subg. <i>Rhizirideum</i> s. str. sect. <i>Rhizirideum</i> s. str.
'Sweet Discovery'	Registered by F.J. van der Zalm 31-12-1993	No description found			Rarely offered, with different pictures	
'Talish' <i>Allium paradoxum</i> var. <i>normale</i>	Talish, S Azerbaijan (RSZ-8713)	Scape 30 cm, flowers white, umbel never with aerial bulbils		Woodland conditions, can naturalize in shade, can suffer from strong sunlight		subg. <i>Amerallium</i> sect. <i>Briseis</i>
'Titan' <i>Allium stipitatum</i>	Selected by L. Bondarenko from Tajik material	The largest form of <i>A. stipitatum</i> seen by the breeder and the largest allium in his collection				subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
'Turkish Delight' <i>Allium akaka</i> auct. × <i>A. "lyaconicum"</i>	Selected by A. Seisums (Latvia)	Leaves like <i>A. akaka</i> , stocky plant, scape c. 20 cm, umbel very dense, flowers long-lasting, cup-shaped, pink with greenish-pink vein, delicate smell of carnations				subg. <i>Melanocrommyum</i>

Cultivar and species	Origin	Specific characters	Flow. period	Use	Remarks	Classification
'Twinkling Stars' <i>Allium giganteum</i>	Registered by G. Turk 28-08-2009	Flowers violet 70B			Not offered in recent catalogues	subg. <i>Melanocrommyum</i> sect. <i>Compactoprasum</i>
'Universe' or 'Univers' <i>Allium cristophii</i> hybrid ?	Registered by Fa. A. Langedijk 26-06-2001	Scape stout, taller than <i>A. cristophii</i> , heads usual spherical not so dense as 'Globemaster', flowers violet / in metallic purple shade				subg. <i>Melanocrommyum</i>
'Vardaovit' <i>Allium woronowii</i>	Vardaovit, Armenia	Scape only 15-20 cm		Rock gardens, pots		subg. <i>Melanocrommyum</i> sect. <i>Melanocrommyum</i> s. str.
'Venus'	Registered by P. Langedijk 15-10-2004	Flowers deep reddish purple RHS 77A UCL #238	June		Looks like <i>A. altissimum</i> s.str.	subg. <i>Melanocrommyum</i>
'Violet Beauty'	Registered by J.J.M. Twaalfhoven 31-12-1979	Scape 60 - 80 / 100 cm, flowers mineral-violet / very light purple RHS 76B UCL #221 with a green mid-vein on the back	May		<i>Allium hollandicum</i> or hybrid of <i>A. cristophii</i> ?	subg. <i>Melanocrommyum</i>
'Violet Sensation'		No description given			Only once offered	
'Wallington White' <i>Allium schoenoprasum</i>	Registered by Monksilver Nursery 31-12-1992	Plants 50 cm, scape strong, balls dense, globose, flowers white	April - June	Borders, rock gardens		subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>
'White' <i>Allium maximowiczii</i>		Plants dense 15-20 cm high, leaves fine, silvery-grey, umbels compact, semi-globose, flowers white	April - May			subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>
'White Beauty' <i>Allium woronowii</i>	Seedling selected by J. Ruksans (Latvia)	Flowers purest white				subg. <i>Melanocrommyum</i> sect. <i>Melanocrommyum</i> s. str.
'White Cloud' <i>Allium ampeloprasum</i> ?		Plants 80 / 125 cm, umbel dense globular, flowers white	May		Taxonomic identity is unclear	sect. <i>Allium</i> ?
'White Dwarf' <i>Allium cernuum</i>		Height only 10-15 cm, flowers white	(May) June - July	Sunny places with damp soil, or dry spots in semi-shade		subg. <i>Amerallium</i> sect. <i>Lophioprasum</i>
'White Dwarf' <i>Allium tuberosum</i>		Plants 15 cm high, flowers white	Mid summer	Open, sunny positions with gritty, well drained soil		subg. <i>Butomissa</i> sect. <i>Butomissa</i>

Cultivar and species	Origin	Specific characters	Flow. period	Use	Remarks	Classification
'White Empress' <i>Allium rosenorum</i>	Registered by Fa. A. Langedijk 14-08-2008	Scape 60-80 cm, flowers white NN155C	April - May	Borders, cut flowers	Also offered under <i>A. jesdianum</i> and <i>A. rosenbachianum</i> auct.	subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
'White Giant' <i>Allium stipitatum</i>	Registered by Gebr. Valkering, Egmont aan den Hoef, 2012	Leaves upright, 60 cm, persisting until flowering is over, scape 1.2 - 1.5 / 1.5 - 1.8 m, flowers white 155D	May		Is no hybrid (Friesen et al. 1997)	subg. <i>Melanocrommyum</i> sect. <i>Procerallium</i>
'White Max' <i>Allium cernuum</i>		Scape 35-40 cm, buds pink, flowers white	May to July			subg. <i>Amerallium</i> sect. <i>Lophioprason</i>
'Wildform' <i>Allium schoenoprasum</i>	Collected in the Koralpe, Carinthia, Austria	Excellent bright pink flower color, but not so profusely flowering like other cultivars				subg. <i>Cepa</i> sect. <i>Schoenoprasum</i>
'World Cup' <i>Allium macleanii</i> × <i>A. stipitatum</i> ?	Selected by J. Ruksans (Latvia), seedling of open pollinated <i>A. macleanii</i>	Very decorative foliage, scape 70 - 80 / 100 - 120 cm, flowers look like <i>A. macleanii</i> but bulb like <i>A. stipitatum</i>	May - June			subg. <i>Melanocrommyum</i>
'Zaamin' <i>Allium alexeianum</i>	Zaamin, Turkestan range, Uzbekistan	1 elliptic leaf, scape very short, umbel globose, flowers greenish white, tepals with purple midrib				subg. <i>Melanocrommyum</i> sect. <i>Kaloprason</i>
'Zaamin' <i>Allium caesium</i>	Zaamin, Turkestan range, Uzbekistan (ARJA-9889, 9771)	Flowers clear dark blue with even darker mid-vein				subg. <i>Allium</i> sect. <i>Caerulea</i>
'Zephyr' <i>Allium karataviense</i>	Selected by L. Bondarenko (Lithuania)	Very light rose flowers, long-lasting bloom, and large purple capsules		Healthy and well multiplying clone		subg. <i>Melanocrommyum</i> sect. <i>Miniprason</i>
'Zwanenburg' <i>Allium oreophilum</i>	Registered by Tubergen 31-12-1954	Flowers lilac-purple with darker mid-veins		1993 R.H.S. Award of Garden Merit		subg. <i>Porphyroprason</i> sect. <i>Porphyroprason</i>

## Complete names for subgenera and sections referred to in the tables

### **subg. *Allium***

- sect. *Allium*
- sect. *Avulsea* F.O. Khass.
- sect. *Brevispatha* Valsecchi
- sect. *Caerulea* (Omelcz.) F.O. Khass.
- sect. *Codonoprasum* Rchb.
- sect. *Mediasia* F.O. Khass., Yengal. & N. Friesen
- sect. *Multicaulea* F.O. Khass. & Yengal.
- sect. *Pallasia* (Tzag.) F.O. Khass., R.M. Fritsch & N. Friesen

### **subg. *Amerallium* Traub**

- sect. *Amerallium* Traub
- sect. *Arctoprasum*
- sect. *Briseis* (Salisb.) Stearn
- sect. *Bromatorrhiza* Ekberg
- sect. *Caulorhizideum* Traub
- sect. *Chamaeprason* F. Herm.
- sect. *Lophoprason* Traub
- sect. *Molium* G. Don ex Koch s. str.

### **subg. *Amerallium* Traub**

- sect. *Narkissoprason* (F. Herm.) Kamelin
- sect. *Rhophetoprason* Traub

### **subg. *Anguinum* (G. Don ex Koch) N. Friesen**

- sect. *Anguinum* G. Don ex Koch

### **subg. *Butomissa* (Salisb.) N. Friesen**

- sect. *Butomissa* (Salisb.) Kamelin

### **subg. *Cepa* (Mill.) Radić**

- sect. *Annuloprason* T.V. Egor.
- sect. *Cepa* (Mill.) Prokh.
- sect. *Sacculiferum* P.P. Gritz.
- sect. *Schoenoprasum* Dumort.

### **subg. *Cyathophora* (R.M. Fritsch) R.M. Fritsch**

- sect. *Coleoblastus* Ekberg
- sect. *Cyathophora* R.M. Fritsch

### **subg. *Melanocrommyum* (Webb & Berthel.) Rouy**

- sect. *Acanthoprason* Wendelbo
- sect. *Acmopetala* R.M. Fritsch
- sect. *Asteroprason* R.M. Fritsch
- sect. *Compactoprason* R.M. Fritsch
- sect. *Decipientia* (Omelczuk) R.M. Fritsch
- sect. *Kaloprason* K. Koch
- sect. *Longibidentata* (R.M. Fritsch) R.M. Fritsch

### **subg. *Melanocrommyum* (Webb & Berthel.) Rouy**

- sect. *Megaloprason* Wendelbo s. str.
- sect. *Melanocrommyum* Webb & Berthel. s. str.
- sect. *Miniprason* R.M. Fritsch
- sect. *Popovia* F.O. Khass. & R.M. Fritsch
- sect. *Procerallium* R.M. Fritsch
- sect. *Regeloprason* Wendelbo
- sect. *Stellata* (F.O. Khass. & R.M. Fritsch) R.M. Fritsch

### **subg. *Nectaroscordum* (Lindl.) Asch. & Graebn.**

- sect. *Nectaroscordum* (Lindl.) Gren. & Godr.

### **subg. *Polyprason* Radić**

- sect. *Daghestanica* (Tscholok.) N. Friesen
- sect. *Falcatifolia* N. Friesen
- sect. *Oreiprason* F. Herm.
- sect. *Scorodon* W.D.J. Koch s. str.

### **subg. *Porphyroprason* (Ekberg) R.M. Fritsch**

- sect. *Porphyroprason* Ekberg

### **subg. *Reticulatobulbosa* (Kamelin) N. Friesen**

- sect. *Campanulata* Kamelin
- sect. *Reticulatobulbosa* Kamelin
- sect. *Scabriscapa* (Tscholok.) N. Friesen
- sect. *Sikkimensia* (Traub) N. Friesen

### **subg. *Rhizirideum* (G. Don ex Koch) Wendelbo s. str.**

- sect. *Rhizirideum* G. Don ex Koch s. str.

## Acknowledgements

The compiler would like to thank Dr. J. Ruksans (Rozula, Latvia), Dr. J. v. Scheepen (KAVB, Hillegom, The Netherlands), and Mr. D. Smit (Haarlem, The Netherlands) for substantial support by sending printed catalogues, registration lists, and other suitable references. Excellent working facilities provided by the IPK Gatersleben are gratefully acknowledged.

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