

OROC

Open Registration of Cultivars



International Register of Ornamental Plant Cultivars:
Hardy Herbaceous Perennials
Book IV: December 2016
OROC of www.cultivar.org

STATUS: This is version 4.1, a second revision of a still incomplete work due to be completed by early Fall 2017. This will be the OROC's first, all genera hardy herbaceous plant register of new cultivars and will be available 100% free at all times from cultivar.org and Google Play Books.

It is not the finished work and may be distributed by any party in this book form except for a link to cultivar.org. This file is not complete for content. It does have incomplete data, editor's preliminary notes, and uneven formats. Please contact ornamentals@lycos.com with any data you care to share with our readers around the world.

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A note about registered trademarks: to be legal and effective, a trademark must be actually registered and active ("live" as the US Trademark Office phrases it) with a governmental authority over trademarks. In the US and France, in particular, many patented cultivars or those designated as cultivars by the originator and introducer as sold as registered trademarks by other well-meaning parties, using the R in the circle ® or (R). In most cases this error seems to be occurring because the clone is patented or has PBR acceptance. In other cases, the writers do not seem to understand the difference between registered and unregistered names and act as if it's their own decision to pick a symbol! Neither of those registration events (entirely different legal processes) makes a cultivar a registered trademark name. As taxonomists are prone to say "once a cultivar always a cultivar" and "once a trademark always a trademark". A name cannot be given patent or PBR coverage and later changed to trademark status. We accept the record of any national patent or breeder's rights authority as designation of whether or not the originator intended the name to be a cultivar and use that documentation as valid publication of its status.

An unregistered TM or ™ trademark can later be registered and then given the ® or (R) designation. In some cases, our study of the US Trademark database is that some perennials (and many woody plants) still sold as registered name no longer have that protection for it has lapsed or being revoked for some reason and are now classified by United State Authorities as "dead". In fact, we found more than 39 woody plants sold as registered trademark in the US that had lost that protection under the US system but growers and even the originators still claimed (quite unlawfully) the higher level of legal protection. While it is not the duty of OROC to police this, we will notify our readers of situations of status change that present themselves. In general, a lost registered trademark is bumped back (with our notes explaining the proof) to unregistered or TM status.

Hatch's Perennials is our standard reference for the existing 179 cultivars previously documented in the genus *Achillea*.

ACHI001 - *Achillea* DESERT EVE™ (Spring Hill Nursery, nursery website)

ACHI002 - *Achillea* F2 FLOWERBURST™ and SUMMER™ Series (Takii Seeds)

ACHI003 - *Achillea millefolium* SONG SIREN™ LAYLA - 51-56cm tall x 30-36cm wide, upright, sturdy, compact. Flowers rays reddish-pink to medium pink, pale cream to white, non-fading. Darwinperennials.com, accessed 5.22.2015, their own selection.

ACHI004 - *Achillea millefolium* SONG SIREN™ LAURA - 51-56cm tall x 30-36cm wide, upright, sturdy, compact. Flowers rays rich ruby red to cherry, big central white disk, contrasting much, non-fading. Darwinperennials.com, accessed 5.22.2015, their own selection.

ACHI005 - *Achillea millefolium* SONG SIREN™ ANGIE - 51-56cm tall x 30-36cm wide, upright, sturdy, compact. Flowers rays clean medium pink, pale pink disc, limited contrast,, non-fading. Darwinperennials.com, accessed 5.22.2015, their own selection, new 2015.

ACHI006 - *Achillea millefolium* SONG SIREN™ LITTLE SUSIE - 51-56cm tall x 30-36cm wide, upright, sturdy, compact. Flowers rays medium to light pink, becoming all light pink, disc even paler but little contrast, non-fading. Darwinperennials.com, accessed 5.22.2015, their own selection.

ACHI007 - *Achillea millefolium* SONG SIREN™ PRETTY WOMAN - 51-56cm tall x 30-36cm wide, upright, sturdy, compact. Flowers rays orangish-red to scarlet, disk small,er off white, not contrasting nearly as much as LAURA. non-fading. Darwinperennials.com, accessed 5.22.2015, their own selection.

ACHI008 - *Achillea millefolium* 'Saucy Seduction' - 60cm tall x 30cm wide. Flower rays rich cerise-pink, center paler pink to near white, contrasting, fragrant. In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

ACHI009 - *Achillea* 'Rainbow Lightning PInk' - flower rays rich cerise-red at first becoming medium pink, bicolored at times as ray color shifts old to young, disk flowers light yellow, contrasting well.

ACHI010 - *Achillea sibirica* 'Japanese Lace' - 36 in tall x wide. Leaves dark green, finely incised, much as species, "more elegant foliage than the typical forms in commerce". Flower rays light pink. Ch: USDA 5a. Web, in, so: <https://www.plantdelights.com/collections/new-plants/products/achillea-sibirica-japanese-lace>, accessed 11.6.2016, their own 2016 intro. based on a collection by Dr. Tom Mitchell near Hokkaido, Japan.

ACHI011 - *Achillea ptarmica* 'Noblessa' - 30cm tall. Flower heads full doubles, white as species. Leaves dark green. Prop: seed strain, 11-13 weeks of production. Web, so, in, or: <http://www.benary.com/en/product/A0420>, accessed 11.13.2016

ACHI012 - *Achillea millefolium* 'Ritzly Ruby' -

ACON001 - *Aconitum bulbiferum* 'Monk Gone Wild CDHM 14523 - corolla showy reddish-purple - <http://www.farreachesfarm.com>, accessed 1.2/2016, their own selection from Fall 2012, collected in Longshou, Sichuan, China.

ACON002 - *Aconitum sinomontanum* 'Sacred Tower' - 72 in. tall in flower, tower-like, vigorous and tolerant of heat and humidity (Raleigh, North Carolina). Flower corolla light to medium bluish-lavender, each flower to 1.5 in. long.. h: USDA 6a. Web, in, so: <https://www.plantdelights.com/collections/new-plants/products/aconitum-sinomontanum-sacred-tower>, accessed 11.6.2016, their own named clone.

ACOR001 - *Acorus* 'Golden Pheasant' (Perennial Resource)

ACOR002 - *Acorus gramineus* 'Golden Delight' - 20-30cm tall. Leaves heavily striped yellow, more so than some older named clones of Japanese origin, chimera at 30-70% blade surface.

ACTA001 - *Actaea japonica* 'Cheju-do' - 60cm tall x 35cm wide. Flowers light in bud, opening to near white. Leaves very glossy. In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

ADEN001 - *Adenophora* FAIRYBELLS 'Gaudi Violet' - www.planthaven.com, accessed 7.30.2017

ADIA001 *Adiantum capillus-veneris* 'Alabama Lace' (USDA 7-10)

AGAP001 - *Agapanthus* QUEEN MUM™ (Southern Living Plants)

AGAP002 - *Agapanthus* TWISTER™ 'AMBIC001' - 254 in. tall. Semi-deciduous habit (not evergreen as QUEEN MUM), vigorous, fast sucker production when compared to 'Clouyd Days'. Flowers in dense umbels, tepals bicolored, white at the apex, base a dark blue, very long bloom period. Leaves 0.75 in. wide by 12 in. long, Ch: hardy to 15-20 deg. F. or possibly lower. Pat, or: US# 25519 on May 5, 2015 to Quinton Bean, Johannesburg, South Africa as controlled hybrid cross in 2006 using unnamed plants that were both *A. praecox* subsp. *orientalis* and *A. campanulatus* crosses. This seedling was selected in July of 2008.

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AGAP003 - Agapanthus (Trumpet Group) 'Northern Star' - 80cm tall x 60cm wide. Flower corolla as Group, rich violet-blue with paler shades inside, centrally striped (subtle) the darker, exterior shade.

AGAP004 - Agapanthus africanus 'Little Dutch Blue' - 18-24 in. or about 70cm tall, short, compact, scapes strong, upright. Flower numerous (floriferous), notably star-shaped (not wide campanulate), long bloom period (longer than 'Peter Pan', corolla pale blue overall, outside tinged medium violet-blue, internal of tepals slightly centered in violet blue on pale blue. Reliable garden performance including container culture. Pat: US# 26268 to Anthonius Rijnbeek, Netherlands on 12.22.2015, as sport of 'Blue Heaven'. Photo, web: <https://www.woottensplants.com/product/agapanthus/agapanthus-little-dutch-blue/>

AGAP0005 - Agapanthus 'Baby Periwinkle' - http://www.pma.com.au/Plants/Plant.aspx?plant_id=87615388, accessed 11.12.2016

AGAP006 - Agapanthus 'Lilac Lulliby' - <http://www.new-worldplants.com/product.php?product=154>, accessed 11.12.2016

AGAO007 - Agapanthus SUMMER LOVE™ WHITE - <http://green-works.nl/en/pot-plants/>, accessed 7.30.2017. Their use of the names BLUE® and WHITE® are not registerable for the plant kindgom in most of if not all countries.

AGAO007 - Agapanthus SUMMER LOVE™ BLUE - <http://green-works.nl/en/pot-plants/>, accessed 7.30.2017

The previously published 70 named cultivars in Agastache are found in Hatch's Perennials in the latest addition.

AGAS001 Agastache GRAPE NECTAR™ (Skagit Gardens)

AGAS002 Agastache 'Rosie Posie' - 18-22 in. tall, compact, subglobose. Flower corolla bright, hot pink, calyx magenta-purple. Walters Gardens introduction 2015. Waltersgardens.com, accessed 4.10.2015

AGAS003 Agastache 'Peachy Keen' - 20-24 in. tall, compact, subglobose. Flower corolla "apricot peach", calyx purplish-pink. Walters Gardens introduction 2015. Waltersgardens.com, accessed 4.10.2015

AGAV001 Agave 'Straight and Narrow' (A. bracteosa x A. stricta)(Plant Delights)

AGAV002 Agave x pumila 'Clusterfest' (Plant Delights)



AGAV003 - Agave parryi subsp. truncata 'Bed of Nails' - Also from Plant Delights is a new registrant of this normally hostile subspecies. It might be voted the new cultivar I'd least like to step on by accident in the garden at night. Or....best new cultivar for keeping out the annoying neighbors and their annoying, little yappy dogs. It is a dense, clumping dwarf version of the popular subspecies that Plant Delights discovered in a batch of tissue cultured stock.

AGAV004 - Agave 'Oh Victory' - <http://www.plantdelights.com>, accessed 9.10.2016, Fall 2016 Catalog introduction

AGAV005 - Agave titanota 'Banana Peel' - <http://www.plantdelights.com>, accessed 9.10.2016, Fall 2016 Catalog introduction

AGAV006 - Agave weberi 'LimeLight' - <http://www.plantdelights.com>, accessed 9.10.2016, Fall 2016 Catalog introduction

AGAV007 - Agave 'Bluebell Giants'. <http://www.plantdelights.com>, accessed 1.16.2016, new for 2016

AGAV008 - Agave bracteosa 'Calamar' ("Calamar Squid Agave" Monrovia Nursery online catalog, accessed 11.12.2016, "Calamar Octopus Century Plant" Plant Delights Nursery, accessed 11.12.2016) - 24 in. tall x 18-36 in. wide, often much smaller for years. Non-clumping form clone of this normally clumping species, a slightly twisted, squid-like clusters of 15-20, mostly erect with maturity for upward and outwardly arching leaves, a sort of light green fountain of narrow blades. Leaves spineless, bright, pale green to faintly bluish-green in the newest ones, effectively one of the most pale green Agave cultivars known. Flowers rarely seen but white. Ch: USDA 7b to 8. Or: Pat McNeal, Texas USA as selection, propagated by tissue culture in the US. Eval: Tony Avent says it "resembles a squid in rigor mortis...very un-agave like".

AGAV009 - Agave ocahui 'Wavy Gravy' - 15 in. tall x 22 wide, solitary clumos. Leaves rich medium green to dark green, margins faintly silver-lined, mostly spineless except for the strong apex, undulate to twisted but mostly angled in one direct as they mature. Ch: USDA 7b. Or: Kelly Griffin as selection.

AGAV010 - Agave x protoamericana 'Lemon Lime'. <http://www.plantdelights.com>, accessed 1.16.2016, new for 2016

AGAV011 - Agave 'Shark Bite'. <http://www.plantdelights.com>, accessed 1.16.2016, new for 2016

AGAV012 - Agave titanota 'Sunburst'. <http://www.plantdelights.com>, accessed 1.16.2016, new for 2016

AGAC013 - Agave victoriae-reginae 'Lunar Eclipse'. <http://www.plantdelights.com>, accessed 1.16.2016, new for 2016

AGAV014 Agave 'Desert Diamond' - 15 in. tall x 18 in. wide, dense, compact, flat-globose with age, sparsely oversetting, slower than parent 'Kissho Kan'. Leaves bluish-green to greyish-green, broadly margined nearly pure white with some striping at about 25-35% surface, spinose teeth rich burnt orange to reddish-orange, contrasting much with the pale chimera. USDA 9a. Or: Han Hansen as sport of 'Kissho Kan' in 2005, US Patent #26384 on feb. 2, 2016. It is perpetuated mostly by tissue culture as offsetting is slow. Web: <http://www.plantdelights.com/Agave-Desert-Diamond-for-sale/Buy-Desert-Diamond-Century-Plant/>

AGAV015 - Agave neomexicana 'Sunspot' - <http://www.waltersgardens.com/plants/view/?plant=2716>

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AGAV016 - *Agave sisalana* 'Marquerita Madness' - 60 in., tall. Leaves to 5 ft. long, bluish-green, margined cream to 15% or so. Ch: USDA 8-9, tropical. Web, in, or: Barry Yinger bought in Japan as a variegated *A. tequilana* and it proved to be this other fiber-producing species. Apparently named by Plant Delights Nursery where I shot this image.



AGAV017 - *Agave vilmoriana* 'Stained Glass' imaged at Plant Delights Nursery

AGAV018 - *Agave* 'Ripple Effect' - www.waltersgardens.com, accessed 7.28/2017

AGAV019 - *Agave x glomeruliflora* 'Guadalupe Mountains' - www.plantdelights.com, accessed 7.27.2017, New listing 4.31.2017 per online catalog

AGAV020 - *Agave weberi* 'Warlord' - www.plantdelights.com, accessed 7.27.2017, New listing 4.31.2017 per online catalog

Hatch's Perennials is our standard reference for 109 previously published cultivars of the genus *Ajuga*.

AJUG001 - *Ajuga reptans* 'Black Fox' - 5cm tall, 15cm tall in flower. Leaves very dark blackish-green, not having blackish-purple as BLACK SCALLOP, margins distinctly undulate, crenate to crenate-dentate. Flower corolla blue. Selected by Jan Spruyt, vasteplant.be, accessed 5.16.2015, under their JS® trademark .

ALCE001 - *Alcea rosea* SPRING CELEBRITIES™ in 9 colors. APRICOT being new in 2015 (Takii Seeds)

ALCE002 - *Alcea ficifolia* 'Las Vegas' (Walters Gardens) - at long last, a lovely lobed ficifolia type leaf with simple, old school single flowers.



ALC003 - *Alcea rosea* 'Halo Red' is one of the prettiest bicolors I've seen in this genus. From age 5 to 22 or so I grew with my mom alot of hollyhocks of both this species and *A. ficifolia*, handling rust well at times and giving up at others. I truly wish we had something this pretty then. This Thompson & Morgan gem is a Fleuroselect Approved Novelty and it's neither your grandma's nor your mom's hollyhock. Image courtesy of fleuroselect.com

ALCE004 - *Alcea rosea* 'Halo Lavender' - www.waltersgardens.com, accessed 7.28/2017

ALCE005 - *Alcea rosea* 'Halo Cerise' - www.waltersgardens.com, accessed 7.28/2017

ALCE006 - *Alcea rosea* 'Halo Blush' - www.waltersgardens.com, accessed 7.28/2017

ALCH001 - *Alchemilla sericata* 'Gold Strike' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

ALLI001 - *Allium* 'Lavender Lollipop' - 15-18 in. tall, heads dome-shaped, purplish-lavender.

ALLI002 - *Allium* 'Windy City' - 15 in. tall x wide in foliage, 18-20 in. tall in bloom, leaves dark, glossy green, flowers in rose-purple heads. HGTV Home introduction 2015, offered by www.intrinsicperennialgardens.com, accessed 1.16.2016

ALLI003 - *Allium* 'Medusa' - 20-24 in. tall x 24 in. wide, twisty, irregular habit as the cultivar name implies, over a low mound, similar to 'Blue Eddy' but a larger version of it. Leaves grayish-green, narrow, slightly twisted toward the apex. Flower amethyst-purple, heads 1.75-2.0 in. wide, generally globose, Or: Walters Gardens, intro. 2015. Web: <http://www.waltersgardens.com/plants/view/?plant=2645>, accessed 10.25.2016

ALLI004 - *Allium cernuum* 'Wine Drop' - 15-18 in. tall. Flowers darker pink than typical, pedicels rich violet-red. Vegetative clone. Or, in: www.intrinsicperennialgardens.com, accessed 6.18.2016, introduced by them 2013, web: http://www.intrinsicperennialgardens.com/sitefiles/wp-content/uploads/IPG_Intros_FINAL-spreads.pdf

ALLI005 - *Allium* PURPLE LOLLY™ 'August Asteroids' - 18 in. tall. Flowers numerous, light pinkish-lavender, loose, subglobose heads. Or, in: www.intrinsicperennialgardens.com, accessed 6.18.2016, introduced by them 2016 with HGTV, web: http://www.intrinsicperennialgardens.com/sitefiles/wp-content/uploads/IPG_Intros_FINAL-spreads.pdf

ALLI006 - *Allium* LAVENDER LOLLIPOP™ 'Windy City' - 15 in. tall x wide then 18-20 in. tall in full flower. Flower head dark rosy-purple. Leaves glossy dark green. Or, in: www.intrinsicperennialgardens.com, accessed 6.18.2016, introduced by them 2015 with HGTV, web: http://www.intrinsicperennialgardens.com/sitefiles/wp-content/uploads/IPG_Intros_FINAL-spreads.pdf

ALLI007 - *Allium senescens* 'Lisa Green' - 25cm tall x 15cm wide. Leaves dark green, not glaucous for the most part. Flowers lilac. A green-leaved variant of a popularly very blue species and useful for contrasting with such variations.

AMOR001 - *Amorphophallus albus* 'Green Stalkings' - 15 in. tall. Leaves glossy green, veined slightly darkened, slightly frosted appearance or with grayish spots. Flowers 12 in. tall as species, ivory shell, green appendage. Or, in, so: <http://www.plantdelights.com/Amorphophallus-albus-Green-Stalkings-for-sale/>, accessed 10.29.2016

AMOR002 - *Amorphophallus henry* 'O'Henry' - www.plantdelights.com, accessed 7.27.2017, New listing 4.31.2017 per online catalog

AMSO001 - *Amsonia tabernaemontana* 'Stella Azul' - 80-100cm tall. Leaves green. Flower corolla pale blue. Selected by Jan Spruyt, [vasteplant.be](http://www.vasteplant.be), accessed 5.16.2015, under their JS® trademark .



Amsonia tabernaemontana 'Short Stack'

AMSO002 - *Amsonia tabernaemontana* 'Short Stack'. Legacy name. Registration requested.

AMSO003 - *Amsonia hubrichtii* 'Green Mist' - 3 ft. tall x wide, uniform clone, dark green leaf, orange to golden-yellow fall color, flowers apparently typical. offered by www.intrinsicperennialgardens.com, new 2014, accessed 1.16.2016

AMSO004 - *Amsonia tabernaemontana* 'Fontana' - 36 in. tall x wide, flowers a slightly darker blue, notably for showy red stems and red seedheads. offered by www.intrinsicperennialgardens.com, new 2015 accessed 1.16.2016

AMSO005 - *Amsonia tabernaemontana* 'Storm Cloud'. <http://www.plantdelights.com>, accessed 1.16.2016, new for 2016

ANDR001- *Andropogon geraldii* 'Yellow Arrow' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

Andropogon hallii 'JS Purple Konza' In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

Andropogon hallii 'HJS Yellow Konza' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

Andropogon geraldii 'Blackhawks' - 60 in. tall x 24 in. wide. Leaves dark green tinged purple in spring through fall, autumn color nearly black, a very dark blackish-purple. Or, in: <http://www.amerinursery.com/plants/new-plants-2016-intrinsic-perennial-gardens-inc/>, Intrinsic Perennials, accessed 11.5.2016, their own named selection.

Anemone hupehensis PRETTY LADY™ 'Maria' ('Pretty Lady Maria') - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

Anemone hupehensis PRETTY LADY™ 'Susan' 'Pretty Lady Susan' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

Anemone hupehensis PRETTY LADY™ 'Emily'

Anemone nemorosa 'La Rochanne' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

Anemone x hybrida DREAMING SWAN™ 'Macane004' - 22-24 in. tall x 24-26 in. wide. Flowers semi-double, larger than WILD SWAN™, tepals in reverse a nice pale to bluish-lilac to lavender for some contrast. Leaves larger than WILD SWAN™, dark green, semi-glossy. Or: Elizabeth MacGregor, MacGregor Nursery, Scotland, introduced 2016.

Anemone x hybrida 'Curtain Call Deep Rose' - www.waltersgardens.com, accessed 7.28.2017

Anemone x hybrida 'Curtain Call Pink' - www.waltersgardens.com, accessed 7.28.2017

Anemone SUMMER SHADE™ DELIGHT® - <http://green-works.nl>, accessed 7.30.2017

Anemone SUMMER SHADE™ JUBILEE® - <http://green-works.nl>, accessed 7.30.2017

Anemone SUMMER SHADE™ SPIRIT® - <http://green-works.nl>, accessed 7.30.2017

Anemone SUMMER SHADE™ WHITE ATTRACTION® - <http://green-works.nl>, accessed 7.30.2017

Anemone SUMMER SHADE™ DREAM® - <http://green-works.nl>, accessed 7.30.2017

ARIS001 *Arisaema* 'Crossing Over' (*A. heterophyllum* x *A. fargesii*)([Plant Delights, new 2015](#))

ARIS002 - *Arisaema consanguineum* 'The Perfect Wave' - leaves 99-100% silvery-blue, very showy, undulating, not greenish as species. Or: Ellen Hornig.

ARIST001 - *Aristolochia serpentaria* 'Eagle Rock' - 10 in, tall x 15 in. wide, spreading perennial (not a vine as some species in this genus). Leaves narrow, light green, hastate, linear-elliptic. Web, so, in, or: <https://www.plantdelights.com/collections/new-plants/products/aristolochia-serpentaria-eagle-rock>, accessed 11.6.2016, their own selection from stock collected near Eagle Rock, Iowa.

Armeria maritima 'Morning Star Deep Rose' - 15cm tall, small, compact neat, just 15-16 weeks production from seed. Flowers rich deep pink, tending toward magenta, older flowers paler near the petal base and center. So, in, or: <http://www.benary.com/en/product/B4750>, accessed 11.13.2016, said to be a "relaunch".

Armeria maritima 'Morning Star White' - 15cm tall, small, compact neat, just 15-16 weeks production from seed. Flowers near pure white at maturity, some cream tones in young flowers. Web, so, in, or: <http://www.benary.com/en/product/B4770>, accessed 11.13.2016, said to be a "relaunch".

ARTE001 - *Artemisia schmidtiana* 'Ever Goldy' - <http://www.plantdelights.com>, accessed 1.16.2016, new for 2016



ARTH001 - *Arthropodium candidum* 'Little Lila' - 30cm tall x wide. Leaves broadly margined light yellow to cream, chimera 25-35% surface, being large and wide. Web, in, ph: <http://www.vitroflora.pl/pl/oferta/nrkat.70149.html>, accessed 10.30.2016. Image above is not part of OROC Data Sharing.

ARUN001 - *Aruncus aethusifolius* 'Charakter' - full, dense. Stems red. Flowers white. Selected by Zillmer, intro. 2014, www.perennial-youngplants.com, accessed 6.7.2015

ARUN002 - *Aruncus aethusifolius* 'Elegance' - flowers well above foliage, often hanging over it. Selected by Zillmer, intro. 2014, www.perennial-youngplants.com, accessed 6.7.2015

ARUN003 - *Aruncus aethusifolius* 'Filigran' - flower panicles more slim, later bloom start. Leaves with showy fall colors. . Selected by Zillmer, intro. 2014, www.perennial-youngplants.com, accessed 6.7.2015

ARUN004 - *Aruncus aethusifolius* 'Opulenz' - leaves a brighter, "fresh green". Flowers white, earlier in season than typical. . Selected by Zillmer, intro. 2014, www.perennial-youngplants.com, accessed 6.7.2015

ARUN005 - *Aruncus aethusifolius* 'Porzellan' - compact habit. Leaves bright, fresh green, Flower off-white. Selected by Zillmer, intro. 2014, www.perennial-youngplants.com, accessed 6.7.2015

PENDING - *Aruncus aethusifolius* 'Bronze' - stems bronze to red, showy. Name violates the ICNCP "simple adjective" or color name guidelines. Selected by Zillmer, intro. 2014, www.perennial-youngplants.com, accessed 6.7.2015

Arunus 'Chantilly Lace' - www.waltersgardens.com, accessed 7.28.2017



ARUN001 - *Arundo donax* 'Peppermint Stick' ([Plant Delights](#)). Image above owned by and courtesy of Laurence C. Hatch. All Rights Reserved.

ASAR001 - *Asarum debile* 'Coveralls' ([Plant Delights](#))

ASAR002 - *Asarum forbesii* 'Mercury' ([Plant Delights](#))

ASAR002 - *Asarum nobilissimum* 'King Kong' ([Plant Delights, new 2015](#))

ASCL001 - *Asclepias tuberosa* 'Monarch Promise' - as species but leaves irregularly margined in cream (15-30% surface) with some pale green, and grayish sectors, adding much off-season interest.

ASCL002 - *Asclepias tuberosa* 'Blonde Bombshell' - www.waltersgardens.com, accessed 7.28.2017

ASPA001 - *Asparagus sprengeri* 'Graham's Cracker' (Plant Delights, new 2015) - 15 in. tall x wide, denser, upright. Leaves golden in fall. USDA 7a hardiness, hardy for many years in originator's Greensboro, North Carolina garden. Selected by Graham Ray, Greensboro, NC.

Aspidistra saxicola 'Cosmos' - <http://www.plantdelights.com>, accessed 9.10.2016, Fall 2016 Catalog introduction

Aspidistra attenuata 'Dungpu Dazzler' - Offered by www.crug-farm.co.uk, accessed 2.16.2016

Aspidistra attenuata 'Xitou Starlet' - Offered by www.crug-farm.co.uk, accessed 2.16.2016

Aspidistra daibuensis 'Taiwan Stars' - Offered by www.crug-farm.co.uk, accessed 2.16.2016

Aspidistra daibuensis 'Yuli Yummy' - Offered by www.crug-farm.co.uk, accessed 2.16.2016

Aster 'Arrested Development' - 12-15 in. tall, compact, bushy. Flower rays deep lavender-blue. Leaves greyish-green. Or, in: *Intrinsic Perennials*, intro. 2014

Aster 'Wavy Gravy' - 24 in. tall. Flower rays in part distinctly twisted (hence the cultivar name), adding a third color to mix of magenta-lavender and a gold disc, more violet-purple in bud. Or, in: *Intrinsic Perennials*, intro. 2016.

Our standard reference for 191 existingly, already published cultivars of *Astilbe* is Hatch's *Perennials*.

ASTI001 - *Astilbe* 'Chocolate Shogun' - 14-24 in. tall. Flowers light pink with darker pink base tints. Foliage distinctly textured (sunken veins), rich purplish-brown, brownish-maroon, to bronzyish-purple, petioles more dark purplish-red to violet-red.

ASTI002 - *Astilbe chinensis* 'Mighty Red Qin' (Plant Delights)

ASTI003 - *Astilbe* 'New Wave' - 50-60 cm tall x wide, quick-multiplication of clump. Flower and inflorescence uniformly light pink throughout, a very constant color without mixed pink tones, spikes erect, denser than 'Europa', more uniform pink coloration than 'Peach Blossom', less medium pink shades in it than 'Elizabeth Bloom'. Leaves glossey dark green. US Patent #25383 on March 24, 2015 to Henricus Verduin, Netherlands from open-pollinated 'Europa', selected 2006.

ASTI004 - *Astilbe* 'Honky Tonk' - Flowering stems very numerous, sturdy, upright, suitable as cut flower, stronger plant than 'Rheindland' and a richer rose-pink, richer, darker pink than 'Touch of Pink', rich but clear shade of pink. Leaves medium green. US Plant Patent #25382 on March 24, 2015 to Henricus Verduin, Netherlands. as spontaneous seedling 2005.

ASTI005 - *Astilbe* EDEN'S PHOENIX® - In: <https://www.devroomen.com>, accessed 2.28.2016

ASTI006 - *Astilbe* EDEN'S TWINKLE® - In: <https://www.devroomen.com>, accessed 2.28.2016

ASTI007 - *Astilbe* 'Mighty Chocolate Cherry' - In: <https://www.devroomen.com>, accessed 2.28.2016

ASTI008 - *Astilbe* 'Mighty Plonie' - In: <https://www.devroomen.com>, accessed 2.28.2016

ASTI009 - *Astilbe* 'Mighty Red Quin' - In: <https://www.devroomen.com>, accessed 2.28.2016

Astilbe 'Glitter and Glamour' - <http://www.censation.nl/assortment.php>, accessed 11.6.2016.

Astilbe 'Salmon Beauty' - <http://www.censation.nl/assortment.php>, accessed 11.6.2016.

Astilbe 'Lighthouse' - <http://www.censation.nl/assortment.php>, accessed 11.6.2016.

Astilbe 'Black and Blue' - <http://www.censation.nl/assortment.php>, accessed 11.6.2016.

ASTR001 - *Astrantia major* 'Florience' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

Astrantia major 'Jitse' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

Astrantia major 'Venice' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

Astrantia major 'Star of Billion' - flowers greenish-white, very numerous, almost covering the plant mass. Or: Jacobus Ron De Jong.

ATHY001 - *Athyrium niponicum* 'Joy Ride' - 20 in. tall x 36 in. wide, vigorous. Fronds distinctly incised, apically crested, many of these segments highly ramified (not a simple, small apical crest), one of the more elaborately crested fern clones in any genus, a petticoat look in fact, glaucous, bluish-green, familiar silvery centers. Plantdelights.com, accessed 6.7.2015, tehri own selection, introduced 2015.

ATHY002 - *Athyrium niponicum* 'Thrill Seeker' - 20 in. tall x 20 in. wide. Fronds bluish-green, highly tinged silver, not just at the central zone, often quite silver in the apical half, more green at the base, older fronds more olive green, contrasting, long apical crests, more divergent and flat than 'Joy Ride' and less 3-dimensional than it. Hans Hansen introduction 2015, distinct from 'Joy Ride' in both color distribution and crest morphology.

Aubrieta x cultorum 'Pixie Pearls' - <http://www.jelitto.com/Seed/New+to+our+range+2016/AUBRIETA+x+cultorum+Pixie+Pearls+Portion+s.html>, accessed 11.6.2016, introduced 2016

BAPT001 *Baptisia* 'Vanilla Cream' (Wayside Gardens)

BAPT002 *Baptisia alba* var. *macrophylla* 'Pearl River' (Rare Find Nursery)

BAPT003 *Baptisia* 'Blonde Bombshell' (Plant Delights)

BAPT004 *Baptisia* minor 'Melissa Blue' - 18-24 in. tall, dense as the species. Flowers bluish-lavender, numerous. Fruit with showy pack bods in summer. Origin: Plant Delights, trailed as A1T-002 from seed collected in Melissa, Texas. A seed strain and not a clone.

BAPT005 *Baptisia* 'Blueberry Sundae' (image, Government of Canada)

BAPT006 *Baptisia* 'Dutch Chocolate' (image, Government of Canada)

BAPT007- *Baptisia* minor var. *minor* 'Blue Bonnet' (Plant Delights, new for 2015)

BAPT008 - *Baptisia* 'Pink Truffles' - 30-36 in. tall, compact, subglobose. Leaved medium green. Flowers mostly light pink, also tinged violet, keel yellow, overall, paler lavender-pink with age. Walters Gardens 2015. Proven Winners 2015-2016. Waltersgardens.com. accessed 4.10.2015

BAPT009 -*Baptisia* 'Blue Towers' - 40-54 in. tall, inflor. 20 in. tall, upright, tower-like, sturdy narrowly vase-shaped, free of excessive basal foliage so as to permit companion plant around it. Leaves glaucous, bluish-green. Flowers periwinkle blue to pale lavender-blue to bluish-purple. Origin: Plant Delights Nursery, hybrid of *B. australis* x *B. alba* hybrid, trailed as PDN2004-157. Award: 2014 Green Thumb Winner, Direct Gardening Assoc. Plantsdelights.com, accessed 4.10.2015

BAPT010 - *Baptisia* 'Cinnamon Toast' - 36 in. tall x 30 in. wide. Flowers "cinnamon-plum over buttery yellow" . Introduction: Songsparrow.com, accessed 4.10.2015, their exclusive introduction

BAPT011 - *Baptisia* 'Brownie Points' - 36-40 in. tall. Flower infl. to 10 in. long, corolla very dark gold to caramel tones, tinged very dark golden-brown accented with shades of true brown and butterscotch, not fading to yellow, blooms late for the genus. Selected by Hans Hansen, Walters Gardens, intro. 2015

BAPT012 - *Baptisia* DECADENCE® 'Sparkling Sapphires' 30-36 in. tall in. tall. Flower corolla very rich, dark violet-blue, far darker than *B. australis* as typical, greener, near lime keel adds slight color at close range. Selected by Hans Hansen, Walters Gardens, intro. 2015

BAPT013 - *Baptisia* 'Grape Taffy' - 24-30 in. tall. Flower corolla a true grape candy or grape soda purple (reddish-purple to violet-purple), pale greenish-yellow keel adds contrast, especially in young flowers. Selected by Hans Hansen, Walters Gardens, intro. 2015

Pending *Baptisia* 'B Minor' (Song Sparrow), registration pending as this may be a rename or confusing cultivarization of the the species *Baptisia* minor var. *minor*.

BAPT014 - *Baptisia* 'Really Blue' - 48 in. tall x 36-48 in. wide, corolla rich, deeper "Baptisia blue" than most clones. Or, in: www.songsparrow.com, accessed 12.23.2015, "exclusive introduction" 2016

BAPT015 - *Baptisia* 'Strike It Rich' - 48 in. tal x 36-48 in. wide, corolla rich golden-yellow, yellowish-olive calyx, giving it a clean yellow look from a distance. Or, in: www.songsparrow.com, accessed 12.23.2015, "exclusive introduction" 2016

BAPT016 - *Baptisia* 'Lavender Starburst' - 36-40 in. tall x 40-48 in. wide, overall open and wide-spreading, subglobose in foliage. Flowers in spikes to 18 in. long, held above foliage, open lilac-purple later with pale yellow keeps and light to dusky lavender-purple on most of the flowering surface. Or: Walters Gardens, introduced 2016. Web: <http://www.waltersgardens.com/plants/view/?plant=2674>, accessed 10.25.2016

BAPT017 - *Baptisia* 'American Goldfinch' - www.waltersgardens.com, accessed 7.28.2017

BAPT018 - *Baptisia* 'Pink Lemonade' - www.waltersgardens.com, accessed 7.28.2017

Bellis perennis 'Bellina'

Bellis perennis 'Melbella Salmon' - 2016 award

Bellis perennis SPEEDSTAR® PLUS RED - Web, so, in, or: <http://www.benary.com>, accessed 11.13.2016, introduced 2016

Bellis perennis SPEEDSTAR® PLUS ROSE - Web, so, in, or: <http://www.benary.com>, accessed 11.13.2016, introduced 2016

Bellis perennis SPEEDSTAR® PLUS WHITE - Web, so, in, or: <http://www.benary.com>, accessed 11.13.2016, introduced 2016



BERG001 - Bergenia 'Flirt' - click image above to enlarge. 6 in. tall in foliage, dwarf for this genus but not slow, about 10 in. tall in bloom. Leaves about 5 per rosette, 85 cm wide by 38mm wide, obovate, dentate, acute, reduced in size, glossy to semi-glossy, rich burgundy to reddish-brown at first, can be blackish-red in strong light or in winter cold, later more bright green. Flower corolla bright cerise-pink (RHS 64C, base 64A, reverse 64D), hot pink but not magenta, calyx darker pinkish-red to near red (RHS 183A), very floriferous, 13 cymes of 12 flowers each per plant, the inflor. 7cm long x 5.5cm wide. Or: Terra Nova Nurseries, intro. 2015. Pat: US# 26355 on Jan. 26, 2016 to Harini Korlipara, planned cross, assigned to Terra Nova Nurseries. Image above copyright owned by and courtesy of Terra Nova Nurseries.

BERG002 - Bergenia 'Diamond Drops' - <http://www.new-worldplants.com/product.php?product=160>, accessed 11.12.2016

Bergenia ciliata 'Dumbo' - <http://new-worldplants.com/product.php?product=27>, accessed 11.12.2016

Bergenia 'Dark Damsel' - <http://new-worldplants.com/product.php?product=5>, accessed 11.12.2016

BOEH001 - Boehmeria nipononivea 'Glow Light' (Plant Delights) - 36 in. tall 5-6 ft. wide, vigorous. Leaves light yellow to medium glowing yellow (if strong sun), older leaves a very pale green to weak lime. Introduced by Barry Yinger, Asiatica Nurseries, now closed, and since that time marketed by Plant Delights.

BOMM001 - Bommeria hispida 'Gila Dwarf' - 2 in. tall, a extreme dwarf fern (as the species), very small and suitable for most rock gardens where cold hardy. Ch: USDA 7b. Web, so, in, or: <https://www.plantdelights.com/collections/new-plants/products/bommeria-hispida-gila-dwarf>, accessed 11.6.2016, their own named selection in 2004 from material in Gila County, Arizona. PDN took 12 years to build up enough stock to sell because it's extreme slow growth.

BOLT001 - Boltonia decurrens 'Warrior's Blush' - 80cm tall in leaf, 150cm tall in flower. Flower rays pleasant light pink, disc medium yellow to neare gold, large, some-shaped. Selected by Jan Spruyt, vasteplant.be, accessed 5.16.2015, under their JS® trademark .

Bouteloua curtipendula 'Buffalo Bedtime' - 36 in. tall x 24 in. wide, red stems, foliage with orange-red tones, tips more red, vegetative clone for stability and uniformity. offered by www.intrinsicperennialgardens.com, intro. 2015, accessed 1.16.2016

BRUN001 - Brunnera macrophylla 'Alexander's Great' (Plant Delights)

BRUN002 - Brunnera macrophylla 'Caucasian Carpet' - 30cm tall, ground covering, running or stoloniferous. Leaves large, cordiform, apparently green, not silver marked. Flowers numerous, larger inflorescence, second flowering is common.

Calanthe discolor 'Lime Fairy' - <http://www.shikoku-garden.com/English/indexenglish.htm>, accessed 12.29.2015

Calamagrostis brachytricha 'Summer Fountain' - 80-100 cm tall., fountain-shaped. Leaves green. Inflor. tan tinged pink, showy. Or: Empho BV, widely available 2017.

CALT001 - Caltha palustris 'Girl Eyes' - 30cm tall, becoming 40cm in flower, more compact, neat than species typical. Flower tepals yellow. Selected by Jan Spruyt, vasteplant.be, accessed 5.16.2015, under their JS® trademark .

Hatch's Perennials has 342 previously published cultivars of Campanula and serves as our current standard.

CAMP001 - Campanula (glomerata?) GENTI BLUE® (Wayside Gardens)

CAMP002 - Campanula sarmatica 'Hemelstraling' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

CAMP003 - Campanula 'Barbara Valentine' - 35cm tall x 30cm wide, compact, upright, neater than seedlings. Flower corolla to 5cm long, pale lavender-mauve, blooms high on plant for better visibility, held above soil. In, ph: <http://www.plantsforeurope.com/wp-content/CampanulaBV.pdf>, accessed 10.25.2016

Campanula portenschlagiana CLOCKWISE® DEEP BLUE - 8-12 in. tall x 4-8 in. wide. Flowers violet-lavender, throat paler. This is the first F1 strain of this species, "offering fast, uniform production...first year flowering - no vernalization period needed". Or, in: Syngentaflowers.com, accessed 6.18/2016, intro. 2016. Web: <http://www.syngentaflowers.com/country/us/en/Documents/Catalog/Syngenta%20Flowers%202016%20Perennial%20Catalog.pdf>

Campanula cochlearifolia SWINGING BELLS™ WHITE and BLUE- 8-12 in. tall x 4-8 in. wide, dense, very compact. Blooms first year from seed. Flowers 100% under long day condition, choice of pure white or violet-blue corolla. Or, in: Syngentaflowers.com, accessed 6.18/2016, intro. 2016, <http://www.syngentaflowers.com/country/us/en/Documents/Catalog/Syngenta%20Flowers%202016%20Perennial%20Catalog.pdf>

Hatch's Perennials is our nomenclatural standards for over 400 named cultivars in the genus Canna.

CANN001 - Canna 'Fire Dragon' (Plant Haven)

CANN002 - Canna 'Chocolate Sunrise' (HortCoutre)

Canna indica ELITE™ 'Banana Punch'

Canna indica ELITE™ 'Chocolate Sunrise'

Canna indica ELITE™ 'Rosita'

Canna indica ELITE™ 'Starship'

Canna CannaSol™ HAPPY CARMEN® - <http://green-works.nl>, accessed 7.30.2017

Canna CannaSol™ HAPPY CLEO® - <http://green-works.nl>, accessed 7.30.2017

Canna CannaSol™ HAPPY EMILY® - <http://green-works.nl>, accessed 7.30.2017

Canna CannaSol™ HAPPY ISABEL® - <http://green-works.nl>, accessed 7.30.2017

Canna CannaSol™ HAPPY JULIA® - <http://green-works.nl>, accessed 7.30.2017

Canna CannaSol™ HAPPY WILMA® - <http://green-works.nl>, accessed 7.30.2017

CARE001 - Carex 'Mad for Mocha' (Hort Couture) - 8-10 in. tall. Leaves tan to brown shades.

CARE002 - Carex siderostica 'Snow Cap' (Wayside Gardens). Leaves much as 'Banana Boat' but central zone (80-95% surface) is white to cream, slightly striped but often a uniform chimera, much whiter tones than 'Variegata'. Walters Gardens, intro. 2013.

CARE003 - Carex laxiculmis BUNNY BLUE™ 'Hobb' (Plant Delights) - 8-12 in. tall x 12-16 in. wide, neat, clumping. Leaves rich silvery-blue.

CARE004 - Carex CENSATION™ 'Feather Falls' - 40cm tall, cascading mound of long, linear leaves, each leaf broadly margined in white to cream. Inflorescence short, cream to tan, feathery, semi-showy. CENSATION is a trademark name used to market multiple genera and is therefore not registered by us nor should it be considered a nomenclatural taxon. It is provided here for context and clarity only.

CARE005 - Carex morrowii 'Mosten' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

CARE006 - Carex foliosissima 'Irish Green' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

CARE007 - Carex oshimensis 'Goldwell' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

CARE008 - Carex oshimensis 'Greenwell' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

CARE009 - *Carex testacea* 'Lime Shine' - In, ph, so: <http://www.vastepplant.be>, accessed 10.23.2016

CARE010 - *Carex praegracilis* 'Chia' - 6-8 in tall, dwarf, carpeting, rhizomatous as is the species, tolerating some foot traffic once established, generally a useful step-stone walkway filler, Leaves rich green. Differing from the species mainly in shorter stature and fine texture. Or: Robert Abe, Chia Nursery. In: smgrowers.com, accessed 3.29.2016

CARE011 - *Carex pensylvanica* 'Straw Hat' - 5-6 in. tall, rhizomatous, more vigorous than some forms of species. Flower heads more numerous than some species forms, these in straw yellow and brown. Or, in: www.intrinsicperennialgardens.com, accessed 6.18.2016, introduced by them 2016, web: http://www.intrinsicperennialgardens.com/sitefiles/wp-content/uploads/IPG_Intros_FINAL-spreads.pdf

CARE012- *Carex panicea* 'Pamira' - bright frosty blue to medium blue. Web: <http://www.vitroflora.pl/pl/oferta/nrkat,79052.html>, accessed 11.12.2016

Our nomenclature reference for more than 400 previously known cultivars of *Canna* is Hatch's Perennials.

CENT001 - *Centaurea montana* 'Lavender Mist' - 16-18 in. tall, shorter, "better branching". Flower with pale lavender disk, inner rays, outer long rays near white, longer bloom period than species, up to 50% more flowers. [Darwinperennials.com](http://darwinperennials.com), accessed 4.11.2015.

Centaurea 'Purple Spider' - <http://www.censation.nl/assortment.php>, accessed 11.6.2016.

Centaurea nigra 'Mardis Gras' - 45cm tall. Leaves brightly margined yellow to gold at 40-80% surface, appearing mostly yellow to gold in spring, paler at flowering time. Flowers deep mauve-pink. <http://new-worldplants.com/product.php?product=6>, accessed 11.12.2016

Centaurea 'Silver Feather' - <http://new-worldplants.com/product.php?product=28>, accessed 11.12.2016

CHEL001 - *Chelone lyonii* TINY TORTUGA 'Armtipp02' - 11-15 in tall x 10 in. wide, very compact, slow. Leaves very dark green. Flower corolla rich medium violet-pink, labia darker at apex. Bred by Gerard Lentjes from 'Hot Lips'

CHLO001 - *Chloranthus japonicus* 'Shikoku Spotlight' - <http://www.shikoku-garden.com/English/indexenglish.htm>, accessed 12.29.2015

CIMI001 - *Cimicifuga japonica* 'Silver Blush'. <http://www.plantdelights.com>, accessed 1.16.2016, new for 2016

OROC registers herbaceous members of the genus *Clematis* but not the traditional woody vinous or shrubby taxa.

CLEM001 - *Clematis recta* 'Midnight Masquerade' (Edelweiss Perennials), their own introduction

CLEM002 - *Clematis* SERIOUS BLACK™ (Walters Gardens)



COLO001 - *Colocasia esculenta* 'White Lava' - image above courtesy of Laurence Hatch, images at Juniper Level Botanic Gardens under the tag 'Lava Flow' but it appears to be identical to the plant they sell at Plant Delights there as 'White Lava'. Other plants of 'White Lava' have this highly textured, white-ribbed appearance though young leaves and young plants in general are merely rugose (less "boney") and have a dsomething wider cream midrib. As the image shows, older, more mature leaves are nearly convex, irregularly so along the margins and may be mottled in more than one shade of medium to dark green. The petioles are richly colored in brownish-green to ebony-red and mahogany tones.

COLO002 - *Colocasia gigantea* 'Laosy Giant' (Plant Delights, new for 2015)



COLO003 - *Colocasia esculenta* 'Morning Dew', the best of the two-tones greens as seen at Juniper Level Botanic Garden. This image copyright owned by and courtesy of Laurence C. Hatch.

COLO004 - *Colocasia esculenta* 'Black Ripple' ('Puckered Up') - 3-4 ft. tall, habit vigorous (taller than 'Black Magic'), clump-forming, generally lacking stolons, very vigorous. Leaves very glossy, dark blackish-purple, surface very rugose, corrugated, and puckered, reflecting highly variable patterns of lights and iridescence shades, petiole dark purple, slightly paler than the blade. Or: US Patent# 26151 on November 24, 2015 to Brian Paul Williams, from controlled breeding in Louisville, Kentucky, USA in 2009 with unnamed parents, assigned to originator's firm of Brian's Botanicals, propagated by originator in vitro in Eustis, Florida, USA in 2012.

COLO005- *Colocasia esculenta* 'Red Eyed Gecko' - 3-4 ft. tall x wide. Leaves more broadly ovate-sagittate, bright lime green, paler or more yellow secondary veins and midrib, distinct reddish or rose-red spot on leaf upperside at the petiole attachment point (pap), giving the appearance of an red eye while being in Gecko green colors. Or: Brian Williams, Louisville, Kentucky, USA as hybrid, <http://briansbotanicals.us/>, accessed 6.24.2016

COLO006 - *Colocasia esculenta* 'Painted Black Gecko' - 3-4 in. tall. Leaves glossy dark blackish-purple above, reflective of various colors and light tones, iridescent, slightly

rugose and puckered (much less so than 'Black Ripple') more grayish-purple to maroon-gray below. Or: Brian Williams, Louisville, Kentucky, USA as hybrid, <http://briansbotanicals.us/>, accessed 6.24.2016

COLO007 - *Colocasia esculenta* 'Black Sapphire Gecko' - 4-6 ft. tall, larger than some black clones. Leaves very large, to 12 in. wide or more, glossy dark blackish-purple, moderately rugose, dark maroon below. Or: Brian Williams, Louisville, Kentucky, USA as hybrid, <http://briansbotanicals.us/>, accessed 6.24.2016

COLO008 - *Colocasia esculenta* 'Lemon Lime Gecko' - Leaves very large, wider than normal, light green, sectored (5-25% surface) in a paler lime green. Or: Brian Williams, Louisville, Kentucky, USA as hybrid, <http://briansbotanicals.us/>, accessed 6.24.2016

COLO009 - *Colocasia esculenta* 'Madeira' - 2-4 ft. tall, shorter than most cultivars. Leaves medium to light green, distinctly tinged bluish-violet or grayish-purple along the secondary veins, more black and dusk violet-purple tones with more sun. Or: Brian Williams, Louisville, Kentucky, USA as hybrid, <http://briansbotanicals.us/>, accessed 6.24.2016

COLO010 - *Colocasia esculenta* 'Midori Sour' - 3-5 ft. tall. Leaves very wide, lime green overall, much paler and yellower midrib and secondary veins, irregularly darker green blotches (5-10% surface). Or: Brian Williams, Louisville, Kentucky, USA as hybrid, <http://briansbotanicals.us/>, accessed 6.24.2016

COLO011 - *Colocasia esculenta* 'Sangrina' - 3-5 ft. tall, stems dark red to pinkish-red, very showy. Leaves dark green, veined bluish to purple shades. Flowers bright pink. Overwintered 3 years (to date, June 2016) in Louisville, Kentucky (USDA 6). Or: Brian Williams, Louisville, Kentucky, USA as hybrid, <http://briansbotanicals.us/>, accessed 6.24.2016

COLO012 - *Colocasia* 'Dragon Heart' ('Dragon Heart Gigante' of trade?) - 7-8 ft. tall x 5-8 ft. wide, a massive tropical "ear", tubes to 15cm wide. Leaves rich dusky to velvety green tinged dark purplish-black to rich dusky purple to near blackish-red, distinctly red veined on the midrib and secondary veins on the reverse, by far wider a blade than any dark or dusky purple pure *C. esculenta* clone, to 30 in. long x 24 in. wide, petioles streaked dark maroon and black. Prop: tissue culture only. USDA 8. Pat, or: US# 26890 on June 28, 2016 to Brian Williams, Louisville, Kentucky as unnamed *Colocasia* x *C. gigantea* in June 2010, selected in June 2013 as superior seedling. This June 2016 patent does not contain the word "Gigante" in the cultivar name and since this clone is a product of *C. gigantea*, we understand the three-word cultivar name to be superfluous. That said, the originators website and that of Plant Nouveau add the "Gigante" term with no indication in description that they could be different and only listing one cultivar with dragon heart in the name. In: <http://plantsnouveau.com/plant/colocasia-dragon-heart-gigante/>, accessed 8.2.2016

COLO013 - *Colocasia* 'Black Swan' - www.waltersgardens.com, accessed 7.28.2017

COLO014 *Colocasia* 'Distant Memory' - www.waltersgardens.com, accessed 7.28.2017

Coniogramme emeiensis 'Golden Zebra' ('Marble Leaf') - 24 in. tall. Fronts richly striped yellow on the lateral veins. Web, so, in: <https://www.plantdelights.com/collections/new-plants/products/coniogramme-emeiensis-golden-zebra>, accessed 11.6.2016

CONV001 - *Convallaria majalis* 'Fragol' - Upright-spreading, moderate to strong vigor, less so than parent cultivar 'Hardwick Hall'. Leaves yellowish-green, not marginated or variegated as the parent clone. wider than 'Golden Jubilee'. Flowers abundant, more so than the parent cultivar, larger than the parent cultivar but with a shorter peduncle than it, early in season, more scented than the parent cultivar. Pat, or: US Patent applied for on April 7, 2015 by Anthony Brook, Elton near Ludlow, as sport of 'Hardwick Hall' in 1996.

CORE001 - *Coreopsis* 'Mercury Rising' (Burpee)

CORE002 - *Coreopsis palmata* 'Indian Summer'

CORE003 - *Coreopsis tripteris* 'Handy Size'

CORE004 - *Coreopsis tripteris* 'Mostenveld'

The following registrations are pending:

Coreopsis 'Bengal Tiger'

Coreopsis 'Buttermilk'

Coreopsis 'Desert Coral'

Coreopsis 'Firefly'

Coreopsis 'Imperial Sun'

Coreopsis 'Lightning Bug'

Coreopsis 'Pink Sapphire'

Coreopsis 'Summer Punch'

Coreopsis LI'L BANG™ 'Daybreak'

Coreopsis LI'L BANG™ 'Enchanted Eve'

Coreopsis LI'L BANG™ 'Red Elf'

Coreopsis LI'L BANG™ 'Starlight'

Coreopsis SIZZLE AND SPICE™ 'Crazy Cayenne'

Coreopsis SIZZLE AND SPICE™ 'Curry Up'

Coreopsis SIZZLE AND SPICE™ 'Hot Paprika'

Coreopsis SIZZLE AND SPICE™ 'Zesty Zinger'

Coreopsis tripteris 'Gold Standard'

Coreopsis grandiflora ANDIAMO™ - 12-16 in. tall x 6-8 in. wide. Flowers first year from seed, early in season thereafter, rays rich golden-yellow, dark red basal markings (5-10% surface), ray apex much notched and incised F1 seed strain. Or, in: <http://www.syngentaflowers.com/country/us/en/Documents/Catalog/Syngenta%20Flowers%202016%20Perennial%20Catalog.pdf>

CORT001 - *Cortaderia selloana* 'Blue Bayou' (Hoffman Nurseries) - foliage distinctly blue to bluish-green.

CORT002 - *Cortaderia pilosa* var. *minima* 'Plume Delight' (Plant Delights) - 42 in. tall in leaf, 72 in. in flower. Flowers up to a month before *C. selloana* (Raleigh, North Carolina). Leaf bluish-green. Hardy to USDA 7b. Selected by Eric Hammond and Dan Hinkley (ECH00067) from near Conquillo, Chile.

CORT003 - *Cortaderia selloana* 'Candy Floss' - see [Hanburyana July 2013](#)

CORT004 - *Cortaderia selloana* MINIGOLDEN™ 'Vercor5' - dwarf, shorter. Leaves margined yellow to gold. Bred by Bert Verhoef. See bertverhoef.com, accessed 5.30.2015.

CORT005 - *Cortaderia selloana* MINIPAMPAS™ 'Vercor3' - 50-100cm tall, a shorter clone. Leaves green, typical. Bred by Bert Verhoef. See bertverhoef.com, accessed 5.30.2015.

CORT006 - *Cortaderia selloana* MINISILVER™ 'Vercor6' - dwarf, shorter. Leaves margined white to silver. Bred by Bert Verhoef. See bertverhoef.com, accessed 5.30.2015.

CORT007 - *Cortaderia selloana* 'Scarlet Wonder' - 2.5m tall. Leaves green. Flower inflor. to 90cm long, rich crimson to dark violet-red to purplish-red, the darkest red shade yet known (June 2015), fairly pendulous and cascading. The claim for trademark status of this name is invalid since the US Plant Patent app fixes this garden taxon in the cultivar rank as annotated by the applicant. [US Plant Patent #19015](#) on July 15, 2008 to Johan Troelstra as sport of unnamed clone, Netherlands 2002, assigned to Compass Plants BV

CORT008 - *Cortaderia selloana* 'Golden Goblin' - 1.5m tall, compact much as 'Pumila'. Flower inflor. white. Leaves striped yellow to a high degree. Or: Michael Merz, before 2010.

CORY001 *Corydalis* BLUE LINE® 'Couribue' (Minier Nurseries) - 30-50cm tall x 50-80cm wide, very large for the genus, more vigorous than either parent. Flower stems reddish, showy, tepals light-medium blue, very long bloom period "nearly non-stop from spring to autumn", blooms to 35mm wide, regularly spaced but thickly clustered, sweet honey scent. Leaves light green, lobed. Cross of *C. flexuosa* x *C. elata* by Jacques Couturieux, Eur PBR 2012-0594.

CRIN001 - *Crinum* 'Parfait' - www.plantdelights.com, accessed 7.27.2017, New listing 4.31.2017 per online catalog

CRIN002 - *Crinum* 'Wading Pool' - www.plantdelights.com, accessed 7.27.2017, New listing 4.31.2017 per online catalog

CROC001 - *Crococsmia NOVA*™ DRAGONFIRE - 26 in. tall x 30 in. wide, upright-arching, not flopping as older reds, multiplying well. Flower corolla dark red to scarlet, contrasting gold stamens, often blooming the first year as young plants. Terranovanurseries.com, accessed 5.25.2015, intro. 2015.

CROC002 - *Crococsmia* 'Peach Sunrise' - <http://www.new-worldplants.com/product.php?product=161>, accessed 11.12.2016

Crococsmia 'Fire Jumper' - <http://new-worldplants.com/product.php?product=29>, accessed 11.12.2016

CROO001 - *Croomia pauciflora* 'Portersville' .<http://www.plantdelights.com>, accessed 1.16.2016, new for 2016

DACT001 - *Dactylorhiza fuchsii* 'Purple Python' - new growth suffused purple-maroon, later more "spotted reticulation", flowers lavender-pink, somewhat spotted. <http://www.farreachesfarm.com>, accessed 1.2/2016, their own seedling

DASY001 - *Dasyliirion glaucophyllum* 'Marbles Park' - <http://www.plantdelights.com>, accessed 9.10.2016, Fall 2016 Catalog introduction

Delosperma JOD AMETHYST 'DSAM13-1' -

Delosperma JOD GARNET -

Delosperma JOD GRENADE -

Delosperma JOD MOON STONE

Delosperma JOD OPAL

Delosperma JOD ROSEQUARTZ

CULTIVAR.ORG

Delosperma JOD OPAL

Delosperma JOD PERIDOT -

Delosperma JOD TOPAZ -

Delosperma 'Alan's Apricot'

Delosperma 'Red Mountain Flame'

Delphinium is a genus noted registered by OROC. Please refer to the RHS Horticultural Database and specialist catalogs for new cultivar information.

DENT001 - *Dentaria diphylla* 'Bama Jama' (Plant Delights) - 6 in. tall x 12 in. wide at first, potentially to 36in.w ide in 5 years. Leaves dark green, slightly silver veined, very dark opurple below. Plantdelights.com, accessed 5.7.2015, their own discovery in Calhous County, Alabama, thriving in a seasonally flooded lowland, handling wet conditions very well.

DENT002 - *Dentaria diphylla* 'American Sweetheart' - 6 in. tall.. Leaves matt olive green, no shine, silvery or paler whitish veins, dark opurple below, the most colorful clone known to Plant Delights (May 2015). Plantdelights.cm, accessed 5.7.2015.

Dianella 'Lime Spice' - http://www.pma.com.au/Plants/Plant.aspx?plant_id=1214356144, accessed 11.12.2016

Dianella tasmanica BLAZE™ - <https://www.ozbreed.com.au/>, accessed 11.12.2016

Dianella caerulea BREEZE™ - <https://www.ozbreed.com.au/>, accessed 11.12.2016

Dianella caerulea CASSA BLUE™ - <https://www.ozbreed.com.au/>, accessed 11.12.2016

Dianella caerulea KING ALFRED™ - <https://www.ozbreed.com.au/>, accessed 11.12.2016

Dianella caerulea LITTLE JESS™ - <https://www.ozbreed.com.au/>, accessed 11.12.2016

Dianella revoluta LITTLE REV™ - <https://www.ozbreed.com.au/>, accessed 11.12.2016

Dianella caerulea LUCIA™ - <https://www.ozbreed.com.au/>, accessed 11.12.2016

Dianella revoluta REVELATION™ - <https://www.ozbreed.com.au/>, accessed 11.12.2016

Dianella tasmanica TASRED™ - <https://www.ozbreed.com.au/>, accessed 11.12.2016

Dianella tasmanica WYENNA™ - <https://www.ozbreed.com.au/>, accessed 11.12.2016

Dianella caerulea ARANDA™ - <https://www.ozbreed.com.au/>, accessed 11.12.2016

Dianella revoluta BABY BLISS™ - <https://www.ozbreed.com.au/>, accessed 11.12.2016

Dianella CLARITY BLUE™ - <https://www.ozbreed.com.au/>, accessed 11.12.2016

Dianella tasmanica EMERALD ARCH™ - <https://www.ozbreed.com.au/>, accessed 11.12.2016

Dianella caerulea GOLD MINE™ - <https://www.ozbreed.com.au/>, accessed 11.12.2016

Dianella revoluta LITTLE REV™ - <https://www.ozbreed.com.au/>, accessed 11.12.2016

Dianella prunina RAINBOW TWIST™ - <https://www.ozbreed.com.au/>, accessed 11.12.2016

Dianella congesta TWISTY™ - <https://www.ozbreed.com.au/>, accessed 11.12.2016

Dianella prunina UTOPIA™ - <https://www.ozbreed.com.au/>, accessed 11.12.2016

OROC does not registered cultivars in the genus Dianthus. Please refer to the RHS and the major pink societies for their catalogs of named variations.



DICE001 - *Dicentra spectabilis* 'Valentine', probably the first true red in the big species format, certainly much improved with the contrast of the white tissues and burgundy new leaves. 40cm tall. Or: Lyle Sarazin.

DICE002 - *Dicentra* 'Fire Island' (Walters Gardens, available 2015)

DICE003 - *Dicentra* 'Sulphur Hearts' (PlantariUM)

DICE004 - *Dicentra* (*D. peregrina* x *D. eximia*) RED FOUNTAIN® - 25-30cm tall, vigorous mounds compared to older fernleaf hybrids, more strongly rhizomatous than parent species. Leaves greyish-green to bluish-green, very highly incised. Flowers rich cherry red (patent says "dark burgundy" or RHS 60A, 65D), with paler, pink margins, 16 or more flowers per panicle, long bloom period.

Pat: US# 21269 award to Akira Shiozaki, Hokkaido, Japan on August 31, 2010, a deliberate cross, first reproduced 2005, licensed to Walter Blom Plants BV.

DIGI001 *Digitalis* x *hybrida* FOXLIGHT™ PLUM GOLD - 22-24 in. tall. Flower corolla violet-plum, throat more gold with dark spots. USDA 7-10. Darwinperennials.com, accessed 4.11.2015

DIGI002 *Digitalis* x *hybrida* FOXLIGHT™ RUBY GLOW - 22-24 in. tall. Flower corolla dusky violet-red, dark ruby red at base on exterior, dark apricot-gold center, few dark spots. USDA 7-10. Darwinperennials.com, accessed 4.11.2015

DIGI003 *Digitalis* x *hybrida* FOXLIGHT™ ROSE IVORY - 22-24 in. tall. Flower corolla very wide, open, flaring, rich rose-pink on interior, interior almost entirely pale ivory to like orange, heavily dark-spotted. USDA 7-10. Darwinperennials.com, accessed 4.11.2015

DION001 - *Dione edule* 'Palma Sola' . <http://www.plantdelights.com>, accessed 1.16.2016, new for 2016

DISP001 - *Disporum sessile* 'Cricket' - <http://www.shikoku-garden.com/English/indexenglish.htm>, accessed 12.29.2015

DISP002 - *Disporum sessile* 'Snow Stream' - <http://www.shikoku-garden.com/English/indexenglish.htm>, accessed 12.29.2015

DISP003 - *Disporum sessile* 'Tweetie' - <http://www.shikoku-garden.com/English/indexenglish.htm>, accessed 12.29.2015

An additional 40 published cultivars of *Dryopteris* appear in Hatch's Perennials and this serves as our standard reference

DRYQ001 - *Dryopteris labordei* 'Golden Mist' (Plant Delights) - a strangely pretty fern with glossy, golden new foliage.

Echinacea CARA MIA ROSE

Echinacea KISMET INTENSE ORANGE

Echinacea KISMET RASPBERRY

Echinacea PUFF VANILLA

Echinacea MEDITATION WHITE - 50cm tall, compact, dense. Flower rays white, fiarly short (equal to disk width), slightly horizontal to slight drooping.

Echinacea purpurea 'Pink Sorbet' - 80cm tall. Flowers semi-double, that is a crested, petaloid disk, those rays medium pink to cerise-pink, full-sized outer rays drooping, paler pink, very long bloom period into fall. Or: Arie Bloom, AB Cultivars, intro. before 2012.

Echinacea 'Cleopatris' - Flower rays rich yellow, disk more dark golden-orange, rays slightly informal at different angles for more elegant look. Leaves dark green. Or: Arie Bloom, AB Cultivars.

Echinacea 'Sombrero Sandy Yellow' - 60cm tall, compact. Flower rays at first rich yellow, later a subdued creamy-yellow to "sandy yellow". Leaves dark green. Or: Ball, introduced via their Darwin Plants Group.

Echinacea 'Delicious Candy' - 18-24 in. tall x 14-16 in. wide, compact. Flowers semi-double, pompom style (ie. crested, petaloid disc area), this large dome in near true red, tinged orange and pink throughout, outer rays mostly horizontal, medium pink, fuchsia pink, to slightly cerise pink (not a crude magenta). At times it borders on a red-pink bicolor but the two basic shades are very compatible and harmonious. Leaves dark green.Or: Marco van Noort, The Netherland, introduced 2016. Web: <http://www.waltersgardens.com/plants/view/?plant=2682>, accessed 10.25.2016

Echinacea 'White Showoff' - 36 in. tall or more, vigorous. Flower rays near pink white, hanging downward. disk orangish-yellow (honey or amber toned) with green. Or, in: www.intrinsicperennialgardens.com, accessed 6.18.2016, introduced by them 2016, derived from the original pink-rayed 'Showoff', a superior white seedling from it, , web: http://www.intrinsicperennialgardens.com/sitefiles/wp-content/uploads/IPG_Intros_FINAL-spreads.pdf

Echinacea 'Wild Horses' - 36 in. tall or more. Flower rays very long, bicolored, pink with a distinct magenta-red basal suffusion or marking. Or, in: www.intrinsicperennialgardens.com, accessed 6.18.2016, introduced by them 2016, web: http://www.intrinsicperennialgardens.com/sitefiles/wp-content/uploads/IPG_Intros_FINAL-spreads.pdf

Echinacea 'Pink Fascinator'

Echinacea 'Playful Meadow Mama'

Echinacea 'Innocent Meadow Mama'

Echinacea 'Fiery Meadow Mama'

Echinacea 'Laughing Meadow Mama'

Echinacea 'Sweet Meadow Mama'

Echinacea 'Blush Meadow Mama' - 20-24 in. tall x 18-24 in. wide. Rays very pale pink, in fact white in part tinged light to medium pink, disc distinctly dark violet-red, contrasting much.

Echinacea BUTTERFLY™ 'Golden Skipper' - 15-18 in. tall x 18-24 in. wide, strong stems., compact. Flower rays rich "meyer lemon" yellow, disk flowers a darker brownish-gold with a green apex. Ns: named for the butterfly species of a similar coloration. Or: Arie Bloom, AB Cultivars. Web, in, ph: <http://plantsnouveau.com/plant/echinacea-butterfly-golden-skipper/>, accessed 10.30.2016

Echinacea BUTTERFLY™ 'Julia' - Or: AB Cultivars

Echinacea BUTTERFLY™ 'Orange Skipper' - Or: AB Cultivars

Echinacea BUTTERFLY™ 'Postman' - Or: AB Cultivars

Echinacea BUTTERFLY™ 'Purple Emperor' - Or: AB Cultivars

Echinacea BUTTERFLY™ 'Rainbow Marcella' - Or: AB Cultivars

Echinacea BUTTERFLY™ 'Peacock' - Or: AB Cultivars

Echinacea PRAIRIE SPLENDOR™ ROSE COMPACT - www.waltersgardens.com, accessed 7.28.2017

Echinacea 'Sunacea Arches' - <http://green-works.nl>, accessed 7.30.2017

Echinacea 'Sunacea Arches' - <http://green-works.nl>, accessed 7.30.2017

Echinacea 'Sunacea Double Action' - <http://green-works.nl>, accessed 7.30.2017

Echinacea 'Sunacea' GOLDEN GRACE® - <http://green-works.nl>, accessed 7.30.2017

Echinacea 'Sunacea Zion' - <http://green-works.nl>, accessed 7.30.2017

Echinacea 'Sunacea White Lemonade' - <http://green-works.nl>, accessed 7.30.2017

Echinacea 'Sunacea' LITTLE ANGUS® - <http://green-works.nl>, accessed 7.30.2017

ENGE001 - *Engelmannia peristenia* 'Bergheim' - 24 in. tall. Flower rays yellow (as species), floriferous. Plantdelights.com, accessed 4.22.2015

Our standard reference for 155 previously published cultivars of *Epimedium* is Hatch's Perennials 3.1

EPIM001 - *Epimedium sempervirens* 'Cherry Hearts'

EPIM002 - *Epimedium acuminatum* 'Ruby Shan' (Plant Delights)

EPIM003 - *Epimedium brachyrrhizum* 'Pink Angels'. <http://www.plantdelights.com>, accessed 1.16.2016, new for 2016

EPIM004 - *Epimedium* 'Flower Power'. <http://www.plantdelights.com>, accessed 1.16.2016, new for 2016

Epimedium franchetii 'Suntan'. <http://www.plantdelights.com>, accessed 1.16.2016, new for 2016

Epimedium myrianthum 'Mottled Madness'. <http://www.plantdelights.com>, accessed 1.16.2016, new for 2016

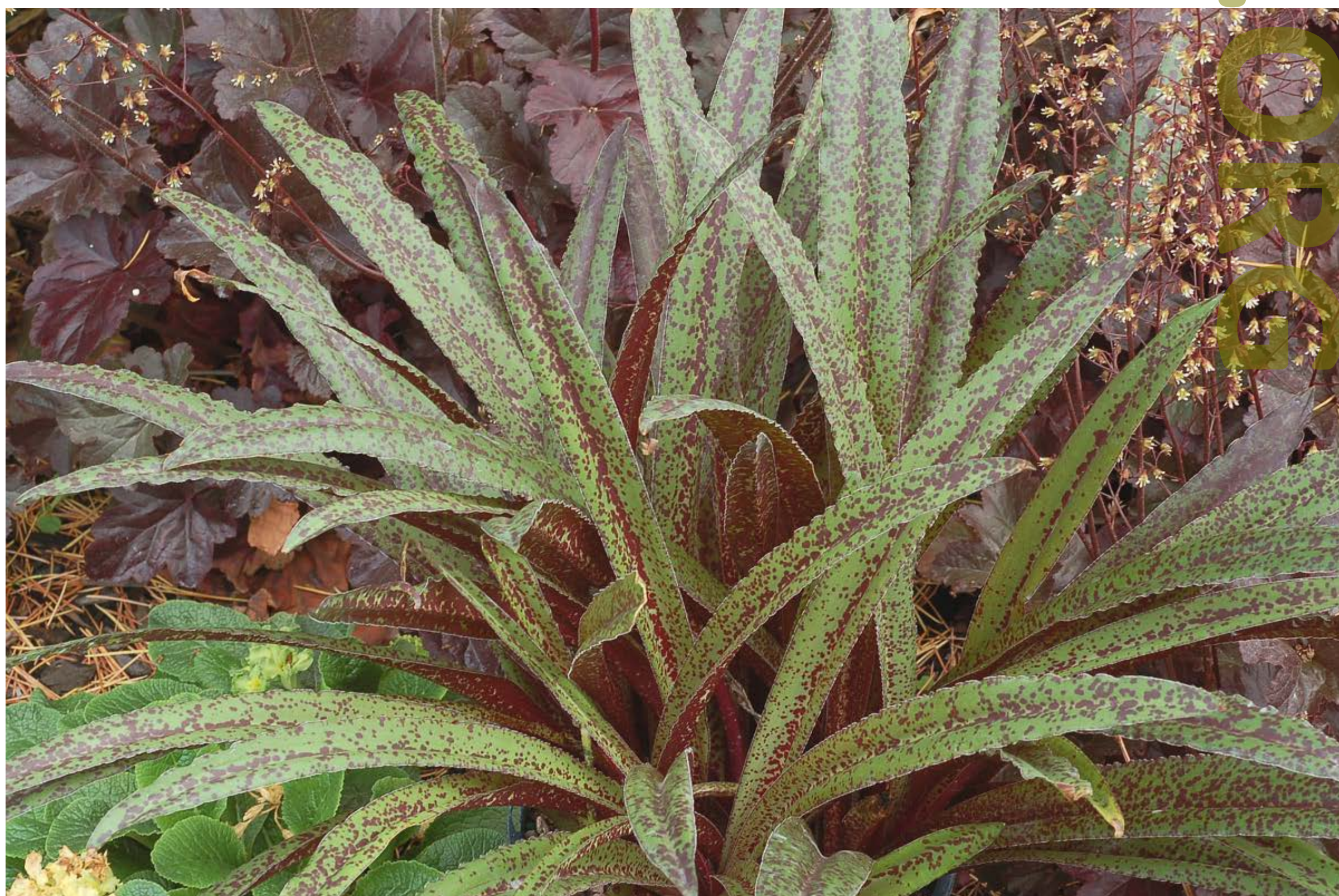
Epimedium wushanense 'Super Mottle'. <http://www.plantdelights.com>, accessed 1.16.2016, new for 2016

Epimedium acuminatum 'Guiding Light' - 12 in. tall x 24 in. wide. Leaves glossy green, jagged serrate, brownish at first, later bright, light green (tending towards lime) with very large brownish-red margins, specially along the margins, covering about 40% of the blade, later more green. Web, so, in: <https://www.plantdelights.com/collections/new-plants/products/epimedium-acuminatum-guiding-light>, accessed 11.6.2016, their own clonal selection, released 2010

Epimedium x omeiense 'Razzleberry' -

EQUI001 - *Equisitum giganteum* 'El Tabacal' (Plant Delights) - 120 in. tall, very massive form, quite highly branched and frankly prehistoric with numerous recurving branch whorls. USDA 8b, handling 15 deg. F. in ground when Tony Avent found other clones and accession less hardy. Plantdelights.com, accessed 5.7.2015, obtained from Chad Husby in Argentina near El Tabacal, Salta Prov.

Our nomenclature standard for 69 previously published cultivars of *Eucomis* is Hatch's Perennials in the latest edition.



Eucomis 'Freckles' is one of the true standouts in this increasingly cultivar-crowded genus where every party has what they claim to be the darkest purple leaf and the best cream-green flower and so on. This is surely one of the finest marked ones. Photo courtesy of and copyright owned by www.terranovanurseries.com.

EUPA001 - *Eupatorium maculatum* 'JS Humble' - 50cm in leaf, 80cm tall in flower, shorter, firmer, stronger stems. Flower infl. larger than species typical, rich purplish-lavender to light purple, dome-shpaed (not flat). Jan Spruyt, introduced 2014.

EUPA002 - *Eupatorium perfoliatum* 'Witte Wolken' - 50cm tall in leaf, 80cm tall in flower, strong stems. Flower heads white. Selected by Jan Spruyt, vasteplant.be, accessed 6.7.2015

EUPA003 - *Eupatorium fistulosum* 'Early Riser' - 84 in. tall in flower. Flower heads mauve-lavender, well-branched, blooming earlier than much species material (mid to late June, Raleigh, NC). Tony Avent, Plant Delights Nursery, Raleigh, North Carolina found on roadside near NC Highway 42 in Johnston Co., North Carolina. Rooted stock produced stock with the same early flowering trait, Introduced 2011.

EUPA004 - *Eupatorium perfoliatum* 'Milk and Cookies' - 36 in. tall, flowers milky-white, leaves brownish-red, showy. offered by www.intrinsicperennialgardens.com, intro. 2014, accessed 1.16.2016

EUPA005 - *Eupatorium rugosum* LUCKY MELODY 'Allmelody' - compact. Flower heads pure white.

OROC only registers cultivars in the genus *Euphorbia* that are hardy perennials or tropical house plants, excluding Poinsettia and annual species.

CULTIVAR.

EUPH001 - Euphorbia corollata 'Carolina Snow' - 18 in. tall. Ch: USDA 3a, being native from Minnesota to Texas, USA. Web, so, in: <https://www.plantdelights.com/collections/new-plants/products/euphorbia-corollata-carolina-snow>, their own clonal selection made by former staff member Al Glen, intro. 2016

Euphorbia 'Grey Hedgehog' - <http://new-worldplants.com/product.php?product=49>, accessed 11.12.2016

FEST001 - Festuca glauca BEYOND BLUE® 'Casca11' - 33.2 cm tall x 68.5 cm wide (US Patent app), habit cascading compared to 'Bolder Blue' and 'Select' named in the US Patent application. Leaves intensely silvery-blue, highly glaucous, more so than parent cultivar 'Elijah Blue', this color retained all during the growing season. Proven tolerant to heat and humidity. Flowers: not observed at the time of the US Patent app (September 1, 2011). Pat, or: US# 23307 on January 1, 2013 to Annemarie Blom, Haarsteeg, The Netherlands (apparently with Amigra and Allure Nursery, Holland) as sport of 'Elijah Blue' in 2002 in originator's own garden. Web, so, in: <http://www.northcreeknurseries.com/plantName/Festuca-Beyond-Blue>, accessed 11.6.2016. Youtube video": <https://www.youtube.com/watch?v=hEp7WgaBQeK>

FEST002 - Festuca glauca 'Cool as Ice' - 12 in. tall, 18 in flower. Leaves "selected for its lighter green spring emergence giving the plant a slight bi-color look", veyr rich icy blue in summer. More heat tolerant than most clones. Origin: Intrinsic Perennial Garden, website, accessed 4.10.2015

FEST003 - Festuca glauca 'Blue Whiskers' - 10-12 in. tall (18-22 in. when in flower) x 24-28 in. wide, subglobose clump when in leaf, taller and more vigorous than 'Elijah Blue', a popular standard for this species. Leaves longer, and brighter blue than 'Elijah Blue'. Flowers consistently distributed throughout the foliage mass, not sparse, yellowish-green, aging to tan, generally above the clump, Or: Walters Gardens, introduced 2016. Web: <http://www.waltersgardens.com/plants/view/?plant=2685>, accessed 10.25.2016

FEST004 - Festuca valesiaca 'Buddy Blue' - 30cm tall, tuft or clump-forming, saleable in 14-16 weeks from seed. Leaves rich silvery-blue similar to F. glauca cultivars. Flowers in open, tan panicles and spikelets. Web, so, in, or: <http://www.benary.com/en/product/Z0601>, accessed 11.13.2016

FILI001 - Filipendula 'Red Umbrellas' (F. multijuga x F. palmata) - 30 in. tall, leaves palmately lobed, strongly double-serrate (two sizes of teeth), veins to tertiary leaves a rich red, very showy, flowers light pink to darker pink centers. Or: Yohei Hosogai, Japan.



FRAG001 Fragaria x ananassa 'Toscana' won the Fleuroselect Star award for being a dual purpose or edible ornamental superior to older material. We've had rich pink flowers in the genus before, these being showy on the order of a mounding Potentilla for ornamentality, and in decades past it was claimed those pinkies had fine, luscious fruit. Well....in reality...not so much. The fruits were tiny, hardly sweet or yummy more than one or two bites a spring, and were not going to mass-top any pancakes, cakes, or ice cream any time soon. This is perhaps the first cultivar with all the glorious flower quantity and corolla color but with truly big, abundant, tasty berries. It has "genuine strawberry taste", medium-sized, conical, dark fruit (and that is rather new with showy, non-white flowers) and is also described as "multi-dimensional". It's an F1 cross, flowers 3-4cm wide, and can be mass-produced from seed. That is a breakthrough and we think this one just might have more than one purpose in all our gardens. Please click the image.

GAIL001 - Gaillardia COMMOTION® MOXIE (Monrovia)

GAIL002 - Gaillardia 'Spintop Yellow Touch' - Web: <http://www.dummenorange.com/flippingbooks/perennials-2016-2016-DE-GB-NL/files/assets/common/downloads/page0016.pdf>, accessed 11.5.2016

GAIL003 - Gaillardia 'Spintop Red' - Web: <http://www.dummenorange.com/flippingbooks/perennials-2016-2016-DE-GB-NL/files/assets/common/downloads/page0016.pdf>, accessed 11.5.2016

GAIL004 - Gaillardia 'Spintop Orange Halo' - Web: <http://www.dummenorange.com/flippingbooks/perennials-2016-2016-DE-GB-NL/files/assets/common/downloads/page0016.pdf>, accessed 11.5.2016

GAIL005 - Gaillardia grandiflora LUNAR® 'Harvest Moon' - Web: <http://green-fuse.com/site/gaillardia-grandiflora-lunar/>, accessed 11.5.2016

GAIL006 - Gaillardia grandiflora LUNAR® 'T Two Moon' - Web: <http://green-fuse.com/site/gaillardia-grandiflora-lunar/>, accessed 11.5.2016

GAIL007 - Gaillardia grandiflora LUNAR® 'Red Moon' - Web: <http://green-fuse.com/site/gaillardia-grandiflora-lunar/>, accessed 11.5.2016

Gaillardia REALFLOR® MEDIUM 'Sunset Spice' - www.planthaven.com, accessed 7.30.2017. REALFLOR is not a registered portion of a cultivar because it spans more than one unrelated genus and is therefore a multi-generic marketing name rather than a true taxonomic equivalent.

Gaillardia REALFLOR® 'Fanfare Citronella' - www.planthaven.com, accessed 7.30.2017

Gaillardia REALFLOR® 'Sunset Celebration' - www.planthaven.com, accessed 7.30.2017

Gaillardia REALFLOR® COMPACT 'Sunset Cutie' - www.planthaven.com, accessed 7.30.2017

Gaillardia REALFLOR® COMPACT 'Sunset Flash' - www.planthaven.com, accessed 7.30.2017

Gaillardia REALFLOR® COMPACT 'Sunset Snappy' - www.planthaven.com, accessed 7.30.2017

Gaillardia REALFLOR® MEDIUM 'Sunset Candy' - www.planthaven.com, accessed 7.30.2017

Gaillardia REALFLOR® MEDIUM 'Sunset Mexican' - www.planthaven.com, accessed 7.30.2017

Gaillardia REALFLOR® MEDIUM 'Sunset Popsy' - www.planthaven.com, accessed 7.30.2017

Gaillardia REALFLOR® MEDIUM 'Sunset Sunrise' - www.planthaven.com, accessed 7.30.2017

GAUR001 - Gaura lindheimeri BANTAM® WHITE- Web: <http://green-fuse.com/site/guara-lindheimeri-bantam/>, accessed 11.5.2016

GAUR002 - Gaura lindheimeri BANTAM® RED - Web: <http://green-fuse.com/site/guara-lindheimeri-bantam/>, accessed 11.5.2016

GENT001 - Gentiana andrewsii 'Milk Bottles' - 18 in. tall. Flower buds light green, opening nearly pure white, in early stages appearing like full milk bottles in shape and coloration. Leaves glossy, dark green. Ch: USDA 3a. <http://www.plantdelights.com>, accessed 9.10.2016, Fall 2016 Catalog introduction.

GENT002 - Gentiana villosa 'Thomasville' - 8 in. tall. Flowers pale green in bud, veined darker green, opening to muddled white with green tints, green veins, and darker tones on the outside inside of the flower is highly and intricately marked in medium lime green and lines of dark maroon spots, giving the look on two colors of striping. Ch: USDA 6a.

Web, in, ph: <http://www.plantdelights.com/Gentiana-villosa-Thomasville-for-sale/buy-Thomasville-Striped-Gentian/>, accessed 10.30.2016, their own selection from seed collected near Thomasville, Clarke County, Alabama, USA.

Gentiana scabra ALPINE SUCCESS™ BLUE - <http://www.cultivaris.com/sources/>, accessed 11.13.2016

Gentiana scabra ALPINE SUCCESS™ DEEP BLUE - <http://www.cultivaris.com/sources/>, accessed 11.13.2016

Gentiana scabra ALPINE SUCCESS™ WHITE - <http://www.cultivaris.com/sources/>, accessed 11.13.2016

Gentiana scabra ALPINE SUCCESS™ PINK - <http://www.cultivaris.com/sources/>, accessed 11.13.2016

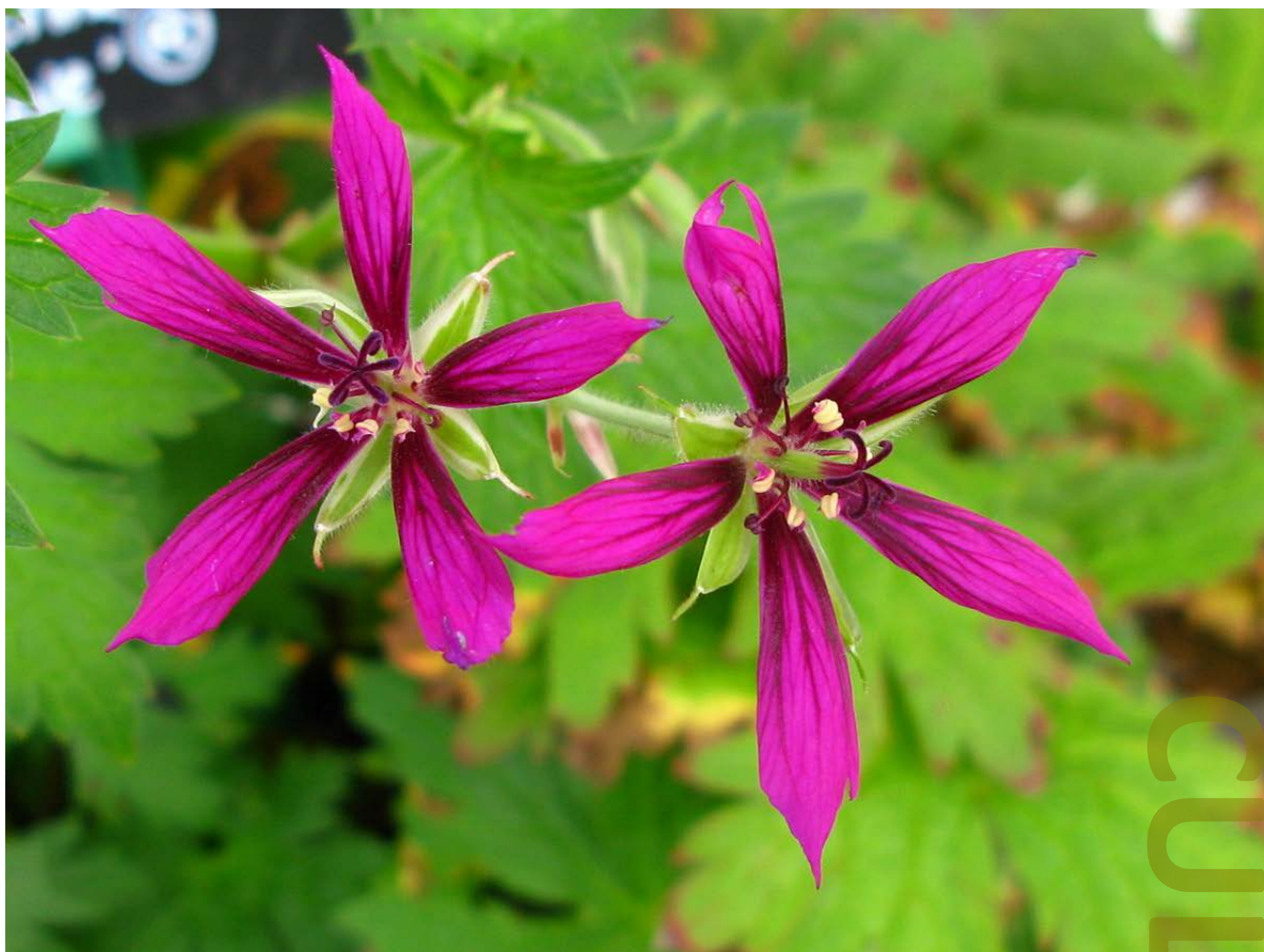
GERA001 - Geranium wallichianum 'Chrystal Lake' - flowers light lavender-pink to lavender blushed, distinctly veined violet-purple to have two thirds of the petal length. Leaves bright green. Or: Hans Kramer

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GERA002 - Geranium cinereum JOLLY JEWEL SILVER 'Noortjissil' - 10-12 cm tall, strong vigor. Flower corolla pink, light to dark purple center. Or: Marco van Noort, Warmond. Aw: Plantarium Silver 2016.
Web: <http://plantarium.nl/en/novelty/geranium-cinereum-noortjissil-jolly-jewel-silver/>, accessed 10.29.2016

GERA003 - Geranium 'Happy Buxton' - 35cm tall, compact, remained neat and mound-shaped all summer. Flowers semi-double, corolla purplish-blue to violet-blue, faintly veined violet-red in the lower third to half, blooming June to forst, intenser colors in cold weather. Or: Jan Neelen as hybrid. Aw: Plantarium Bronze 2016.
Web: <http://plantarium.nl/en/novelty/geranium-happy-buxton/>, accessed 10.29.2016

GERA004 - Geranium KAYA 'Neelkaya' - 35-40 cm tall, strong, vigorous spreading. Leaves highly incised reddish-bronze tinged most of the season. Flower corolla dark violet-blue, veined darker shades, blooming two months or more. Or: Jan Neelen as hybrid. Web: <http://plantarium.nl/en/novelty/geranium-neelkaya-kaya/>, accessed 10.29.2016



GERA005 - Geranium x oxonianum 'Catherine Deneuve' (G. psilostemon x ?G procurrans) - 50cm tall x 40cm wide or more, form very vigorous, strong, always taller than G. psilostemon as species. Flower tepals distinctly narrowed, linear to narrowly linear-elliptic, forming star-shaped flowers, very long bloom period, rich magenta-pink to violet-magenta coloration, tepal apices may be acuminate (one tip), frayed or jagged with numerous points of vairous sizes, bifid (two points), or otherwise with sharp lobes and projections. Leaes bright green, generally unmarked. Pat, or: US# 23370 on January 20, 2013 to Sandrine Delatroye, France as chance hybrid in 2009. Ns: it has been sold as registered trademark but the publication of the US Patent as a valid cultivar name terminates the possibility of the same exact name as a trademark, at least in the US.

GERA006 - Geranium cinereum JOLLY JEWEL RED - Or: Marco van Noort as hybrid

GERA007 - Geranium cinereum JOLLY JEWEL PURPLE - Or: Marco van Noort as hybrid

GERA008 - Geranium cinereum JOLLY JEWEL NIGHT - Or: Marco van Noort as hybrid

GERA009 - Geranium cinereum JOLLY JEWEL HOT PINK - Or: Marco van Noort as hybrid

GERA010 - Geranium cinereum JOLLY JEWEL SALMON - Or: Marco van Noort as hybrid

GERA011 - Geranium 'Chrystal Rose' -

GERA012 - Geranium LEA® - 25cm tall. In: <http://www.staudegaarden.dk/shop/vare.asp?side=2&vareid=5708869607600>, accessed 10.28.2016

GERA013 - Geranium 'Dragon Heart' - 24 in. tall x 22-36 in. wide, strong, vigorous plants. Flowers violet-magenta to magenta-purpl;e, very bright, individual flowers 1.5-2.0 in. wide, distinctly black-centered, contrasting dark venation, mostly in the lower third of each petal, very long bloom period. Tolerant of hot, humid weather per Tony Avent. Or: Alan Bremner, Scotland, as hybrid. Web, in, ph: <http://www.perennialresource.com/encyclopedia/view/?plant=1756>, accessed 10.30.2016

Geranium 'Boo' - US Patent applied for on March 30, 2015 by Michael Merz, Offenbach.

Geranium 'Daily Purple' - <http://www.censation.nl/assortment.php>, accessed 11.6.2016.

Geranium pratense 'Purple Ghost' - <http://new-worldplants.com/product.php?product=133>, accessed 11.12.2016

Geranium transversale 'Foundlings Friend' - <http://new-worldplants.com/product.php?product=132>, accessed 11.12.2016

Geranium 'Penny Pink' - <http://www.cultivaris.com/sources/>, accessed 11.13.2016, introduced 2015

Geranium 'Pink Pouffe; ' - <http://www.cultivaris.com/sources/>, accessed 11.13.2016, introduced 2015

Geranium AZURE RUSH® - <http://www.musthaveperennials.com>, accessed 7.30.2017, introduced 2016

Geranium pratense 'Black 'N White' - <http://www.musthaveperennials.com>, accessed 7.30.2017, introduced 2016

Geranium wallichianum 'Hexham Violet' - <http://www.musthaveperennials.com>, accessed 7.30.2017, introduced 2016

Geranium phaeum 'Rothbury Cherry' - <http://www.musthaveperennials.com>, accessed 7.30.2017, introduced 2016

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Geum 'Sunkissed Lime'
courtesy of www.terranovanurseries.com

CULTIVAR.ORG

GEUM001 - Geum 'Sunkissed Lime' (Terra Nova Nurseries). Above image copyright owned by and courtesy of Terra Nova Nurseries.

GEUM002 - Geum 'Alabama Slammer' (Intrinsic Perennial Gardens)

GEUM003 - Geum 'Banana Daiquiri' (Intrinsic Perennial Gardens)

GEUM004 - Geum 'Champagne' (Intrinsic Perennial Gardens)

GEUM005 - Geum 'Cosmopolitan' (Intrinsic Perennial Gardens)

GEUM006 - Geum 'Dark and Stormy' (Intrinsic Perennial Gardens)

GEUM007 - Geum 'Gimlet' (Intrinsic Perennial Gardens)

GEUM008 - Geum 'Limoncello' (Intrinsic Perennial Gardens)

GEUM009 - Geum 'Citronge' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

GEUM010 - Geum 'Totally Tangerine' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

GEUM011 - Geum RUSTICO ORANGE

Geum 'Apricot Pearl' - <http://www.censation.nl/assortment.php>, accessed 11.6.2016.

Geum 'Coral Pearl' - <http://www.censation.nl/assortment.php>, accessed 11.6.2016.

Geum 'Lipstick' - <http://www.censation.nl/assortment.php>, accessed 11.6.2016.

Geum 'Pink Fluffy' - <http://www.censation.nl/assortment.php>, accessed 11.6.2016.

Geum 'Two Tone Pearl' - <http://www.censation.nl/assortment.php>, accessed 11.6.2016.

GYP001 - *Gypsophila repens* 'Red Neck' (Edelweiss Gardens), their own introduction

Gypsophila SUMMER SPARKLES® - <http://green-works.nl>, accessed 7.30.2017

HAKO001 - *Hakonechloa macra* 'Greenhills' - 40cm tall x wide, cascading mound of leaves similar to species. Leaves all green, not striped nor variegated, useful in contrast to those brighter-leaved clones.

HELE001 - *Helenium autumnale* MARIACHI™ Series (Wayside Gardens)

HELE002 - *Helenium* 'Gay-go-round' (RHS, Nomenclatural Standard)

HELE003 - *Helenium* 'Loysderwieck' - 3-4 ft. tall x 2-3 ft. wide. Flower rays fused, tubular, "drumstick-shaped", being wider at the apex than at the base, golden-yellow, heavily tinged and suffused rose-red and scarlet at maturity, more "chocolate-rose": in bud stage, disc flowers a mix of dark red with greenish-gold anthers and a dark brownish-red central dome.

OROC is looking for a volunteer Registrar that will specialize in our Helleborus registrations, write precise descriptions, contact originators, personally grow the plants (optional), and manage a new database of those cultivars being funded by Cultivar.org offered free in the public interest. This person must complete our basic Registrar Certification program regardless of education, reputation, or background (as we all do) and will preferably have some collecting, breeding, authorship, or study accomplishment in the genus Helleborus. Please email ornamentals @ lycos.com to apply.

HELL001 - *Helleborus x ballardiae* 'Rauston Remembered' (Plant Delights, new for 2015) - 14 in. tall. Stems and petioles red, showy. Leaves veined silver to greenish-silver, showy. Flowers white tinged light pink, very floriferous. Pine Knot Farms from a plant given to the JC Raulston Arboretum, named now for its late founder. Jonathan Nyberg, Curator of the Winter Garden at JCRA noticed the foliage remained in good condition after one hard winter when other clones and seedlings had much damage. After permissions, this superior clone was tissue cultured and distributed by Plant Delights and Pine Knot Farms c. 2014.

Helleborus DOUBLE ELLEN(r) purple - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

Helleborus 'Best Man' (WEDDING PARTY™ Series) - flowers 2.0-3.0 in. wide, mauve0purple with slightly darker margins, later more dark dusky purplish-pink, veined darker tones. Or, in: www.waltersgardens.com, accessed 4.16.2016. Or: Hans Hansen hybrid, intro. 2014

Helleborus 'Blushing Bride' (WEDDING PARTY™ Series) - flowers 2.0-2.5 in. wide, double, white with dark violet-red to raspberry-red picotee inside, rich flush on exterior, also veins in dark, dusky purplish-pink to violet-pink. Or: www.waltersgardens.com, accessed 4.16.2016. Or: Hans Hansen hybrid, intro. 2014

Helleborus 'Confetti Cake' (WEDDING PARTY™ Series) - flowers 2.5-3.0 in. wide, double, white with heavy burgundy specklings in the central zone, covering 25-50% of surface. www.waltersgardens.com, accessed 4.16.2016. Or: Hans Hansen hybrid, intro. 2015

Helleborus 'First Dance' (WEDDING PARTY™ Series) - flowers 2.0-2.5 in. wide, double, bright greenish-yellow becoming light-medium yellow with a subtle maroon to violet-red picotee. www.waltersgardens.com, accessed 4.16.2016. Or: Hans Hansen hybrid, intro. 2014

Helleborus 'Maid of Honor' (WEDDING PARTY™ Series)

Helleborus 'Dark and Handsome' (WEDDING PARTY™ Series) - flowers 2.5-3.0 in. wide, dark dusky purplish-black to near black

Helleborus HGC® 'Love Bug' - 10-12 in. tall x 15 in. wide, compact, neat, mounded. Stems burgundy red, showy. Flower tepals greenish-cream, tinged light pink on the margins (face) and centers (reverse), light pink in bud, stamens very pale green to greenish-cream. Leaves dark greenish-blue, holding color well all year.

Helleborus 'Bayli's Blush' -

Helleborus foetidus 'Red Silver' -

Helleborus FROSTKISS™ 'Pippa's Purple' - 24 in. tall x wide. Flowers mostly in spring (as the entire series), forward-facing (less nodding), blooming well as young, first year plants, tepals reddish-rose heavily spotted purple. Leaves frosted cream to whitish, true of the entire series. Pat: US# 27121 to Rodney David.

Helleborus FROSTKISS™ 'Glenda's Gloss' -

Helleborus FROSTKISS™ 'White Tutu'

Helleborus FROSTKISS™ 'Cheryls Shine'

Helleborus FROSTKISS™ 'Danas Dulcet'

Helleborus FROSTKISS™ 'Dorothy's Dawn'

Helleborus FROSTKISS™ 'Reannas Ruby'

Helleborus FROSTKISS™ 'Sallys Shell'

Helleborus FROSTKISS™ 'Moondance'

Helleborus ANGEL GLOW

Helleborus nigra HAPPY DAY

Helleborus orientalis TUTU

Helleborus orientalis WHITE TUTU

Helleborus x nigercors 'Caspar' - <http://www.cultivaris.com/sources/>, accessed 11.13.2016

Helleborus x nigercors 'St. Ado' - <http://www.cultivaris.com/sources/>, accessed 11.13.2016

Helleborus x nigercors 'St. Agnes' - <http://www.cultivaris.com/sources/>, accessed 11.13.2016

Helleborus x nigercors 'St. Antonio' - <http://www.cultivaris.com/sources/>, accessed 11.13.2016

Helleborus x nigercors 'St. Blanka' - <http://www.cultivaris.com/sources/>, accessed 11.13.2016

Helleborus x nigercors 'St. Lazurus' - <http://www.cultivaris.com/sources/>, accessed 11.13.2016

Helleborus x nigercors 'St. Lucia' - <http://www.cultivaris.com/sources/>, accessed 11.13.2016

Helleborus x nigercors 'St. Maria' - <http://www.cultivaris.com/sources/>, accessed 11.13.2016

Helleborus x nigercors 'St. Martin' - <http://www.cultivaris.com/sources/>, accessed 11.13.2016

Helleborus x nigercors 'St. Nicolas' - <http://www.cultivaris.com/sources/>, accessed 11.13.2016

Helleborus x nigercors 'St. Raphael' - <http://www.cultivaris.com/sources/>, accessed 11.13.2016

Helleborus orientalis SPRING™ cultivars including Angel, Beauty, Belle, Bright, Charm, Crystal, Darling, Delight, Diamond, Dream, Dress, Feelings, Glow, Jewel, Joy, Love, Might, Pearl, Princess, Queen, Snow, Sunshine, Sweet, Touch, and Velvet.

Helleborus orientalis KING® in colors CREAM, DOUBLE PINK, RED, GREEN, PINK, WHITE, YELLOW, PICOTEE, and DOUBLE WHITE - <http://green-works.nl>, accessed 7.30.2017

Helleborus orientalis PRINCE™ in colors CLEAR PINK, GREEN, RED, WHITE, PICOTEE, DOUBLE PICOTEE, DOUBLE RED, DOUBLE PINK, and DOUBLE WHITE - <http://green-works.nl>, accessed 7.30.2017

Helianthus 'Double Whammy' - <http://new-worldplants.com/product.php?product=133>, accessed 11.12.2016, US Plant Patent# 25494

Helianthus 'Flying Saucers' - <http://new-worldplants.com/product.php?product=135>, accessed 11.12.2016, their own 2013 intro.

Heliopsis helianthoides 'Double Sunstruck' - compact-mounded, flowers semi-double, rays dark yellow, leaves variegated, m whitish with distinctly greener veins. Or: US PPAF on 2.25.2016 by Lunne Knosher, Campton Hills, Illinois.

Heliopsis helianthoides 'Sunny Wink' - flowers single, small, very numerous, rays rich orangish-yellow to dark gold. More drought resistant than species typical.

Heliopsis helianthoides var. scabra 'Burning Heart' - 26-30 in. tall. Stems dark purple, showy. Flower rays rich golden-yellow with orangish-red band in the lower 25%, giving a red-centered appearance.

Hemerocallis are not registered by OROC. Please refer to your local daylily society for information.

OROC is looking for a volunteer Registrar that will specialize in our Heuchera and x Heucherella registrations, write precise descriptions, contact originators, personally grow the plants (optional), and manage a new database of those cultivars being funded by Cultivar.org offered free in the public interest. This person must complete our basic Registrar Certification program regardless of education, reputation, or background (as we all do) and will preferably have some collecting, breeding, authorship, or study accomplishment in one of both of these genera. Tiarella may be included. Please email ornamentals @ lycos.com to apply

HEUC001 - Heuchera 'Carnival Black Olive'

HEUC002 - Heuchera 'Carnival Candy Apple'

HEUC003 - Heuchera 'Carnival Coconut'

HEUC001 - Heuchera 'Carnival Coffee Bean'

HEUC001 - Heuchera 'Carnival Fall Festival'

HEUC001 - Heuchera 'Carnival Limeade'

HEUC001 - Heuchera 'Carnival Peach Parfait'

HEUC001 - Heuchera 'Carnival Rose Granita'

HEUC001 - Heuchera 'Carnival Silver Streak'

HEUC001 - Heuchera 'Carnival Plum Crazy'

HEUC001 - Heuchera 'Carnival Watermelon'

HEUC001 - Heuchera 'Bella Notte'

HEUC001 - Heuchera 'Black Taffeta'

Heuchera 'Cajun Fire'

Heuchera 'Cherry Cola'

Heuchera 'Creole Nights'

Heuchera 'Delta Dawn'

Heuchera 'Fire Alarm'

Heuchera 'Forever Purple'

Heuchera 'Glitter'

Heuchera 'Little Ruffles'

Heuchera 'Midnight Ruffles'

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Heuchera 'Red Lightning' - image above copyright owned by and courtesy of [www.terranovanurseries](http://www.terranovanurseries.com), accessed 11.12.2016

Heuchera FOX SERIES 'Tangerine Wave' - leaves undulate, slightly crisped, generally shallow in lobing, tangerine orange to coral-orange, more amber and caramel as they leaves mature and age, dark reddish-pink below and this color showing as the waves of the blade turn up. Or: Vicky and Richard Fox. Web: <http://www.plantago.com/HEUCHERA---villosa-x--Tangerine-Wave---Fox-Series-TM--937.html>, accessed 11.13.2016

Heuchera 'Walnut'



Heuchera 'Zipper' - 8 in. tall x 18 in. wide in leaf, 12 in. tall in flower. Leaves very highly colored, new growth bright pink to rose-red, becoming more amber with glowing pink to reddish-pink margins (mainly due to underside of blade showing), faintly bliushed red even when mostly amber, margins richly incised, highly and finely undulate, like a jagged zipper line in fact, leaf backs magenta most of the season, the oldest leaves more of a dark amber-lime still with colorful margins. Or, in, ph: <http://www.terranovanurseries.com/growers/heucherazipper-p-656.html>, accessed 10.30.2016, image above copyright owned by and courtesy of Terra Nova Nurseries, bred from *H. villosa*, *micrantha*, and *sanguinea*

Heuchera 'Black Sea' - leaves very large, glossy blackish to purple shades, new growth tinged red shades. Flower corolla white. Or: Dirk Scheys as hybrid.

HEUC001 - Heuchera 'Boysenberry' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

Heuchera 'Coralberry' - Euro PBR "under procedure" for Gootjes-Allplant BV

Heuchera 'Gojiberry' - Euro PBR "under procedure" for Gootjes-Allplant BV

HEUC001 - Heuchera DOLCE 'Appletini'

HEUC001 - Heuchera DOLCE 'Silver Gumdrop'

HEUC001 - Heuchera PRIMO 'Black Pearl'

HEUC001 - Heuchera PRIMO 'Pretty Pistachio'

HEUC001 - Heuchera 'Rex Red'

HEUC001 - Heuchera 'Rex Dark Amber'

HEUC001 - Heuchera 'Rex Lime'

HEUC - Heuchera LITTLE CUTIE™ COCO - 15cm tall x 20cm wide in leaf, only 20cm tall in flower. Leaves dark chocolate brown. Flower corolla light pink, very short pedicel. Or: Janet Egger, c. 2012.

HEUC - Heuchera LITTLE CUTIE™ GINGER SNAP - 15cm tall x 20cm wide in leaf, only 20cm tall. Leaves smaller, rose-pink at first, later ginger toned with a "white veil". Flower color medium pink.



HEUC - Heuchera LITTLE CUTIE™ BLONDIE IN LIME - image above copyright owned by and courtesy of www.terravanurseries, accessed 11.12.2016

HEUC - Heuchera WORLD CAFFE

Heuchera villosa 'Plumpower' - Euro PBR "under procedure" for Luc Kinkhamer

HEUC - Heuchera FOX SERIES™ 'Madison Bride' - 20cm tall x 30cm wide, domed habit. Leaves green, ovate. Flowers white, very numerous Or: Plantagogo.com, Vicky and Richard Fox, named for their son Tom Fox, bride who came from Madison, Wisconsin.

Heuchera FOX SERIES™ 'Phoebes Blush' - 30cm tall x 45cm wide. Leaves rich pink in spring, later more dusky pink, pale green, and vanilla with pinkish margins, more pink below. Flowers pink. Or: Vicky and Richard Fox, named for her grandmother, introduced at Chelsea in 2014.

Heuchera FOX SERIES™ 'Silver Celebration' - 45cm tall x 60cm wide, vigorous plants. Leaves large, silvery, dark veins, undulate margins, purple below. Flowers in arching steams, corolla white. Or: Vicky and Richard Fox, Plantagogo Nursery, introduced at Chelsea Flower Show in 2016 on the 25th anniversary of their nursery.

Heuchera FOX SERIES™ 'Slaters Pink' - 30cm tall x 35cm wide, neat, compact form. Leaves ovate, plum-toned with darker veins, rich silver sheen, dark purple below. Flowers numerous, corolla bright pink. Or: Vicky and Richard Fox, Plantagogo Nursery, name for Richard's mother's family name.

Heuchera FOX SERIES™ 'Thomas' - 30cm tall x 45cm wide in leaf, 60cm tall in flower. Leaves green, veined red, veiled in silver which increases during the season. Flower much as H. cylindrica in white tinged green to yellow, one of the largest flowers these experts have seen in the genus. Or: Vicky and Richard Fox, introduced at Chelsea in 2013.

HEUC - Heuchera 'Carmencita' - 30cm tall x 35cm wide, compact. Leaves shallowly lobed and crenate, orangish-red at first becoming more amber-orange to amber-red, then more amber shades. Flowers rich pink, overall, corolla pale pink with a bright carmine-red calyx. Or: Thierry and Sandrine Dalabroye as hybrid. Web, so, in: <http://www.plantagogo.com/Heuchera-Carmencita.html>, accessed 10.29.2016, new for 2016

Heuchera 'Red Lightning' - 35cm tall x 30cm wide. Leaves chartreuse to greenish-gold, heavily veined red in the many of some x Heucherella clones, this reticulation up to 40% of the surface. Flower corolla white. Or: Janet Egger at hybrid.

Heuchera 'Stainless Steel' - lead blade shallowly and crenate lobed, 99% or more overlaid in silver or a pale green base color, veins blackish-dark at 1-2% surface, forming reticulations on the primary and secondary veins.

Heuchera 'Lava Lamp' -

x Heucherella 'Catching Fire'

x Heucherella 'Galatica'

x Heucherella 'Pumpkin Spice'

x Heucherella FUN AND GAMES 'Hopscotch'

x Heucherella FUN AND GAMES 'Red Rover'

x Heucherella 'Eye Spy' - www.waltersgardens.com, accessed 7.28.2017

Hibiscus (H. moscheutos x H. coccineus) 'Purple Hearts' - 2.5-3.5 feet tall, compact yet vigorous, "uniform breaking habit" (patent app). Flowers numerous from midsummer to frost, corolla dark red. Leaves cordiform-ovate (heart-shaped), dark blackish-purple, margined relatively smooth Cold hardy to -30 deg. F. Or, pat: US Patent applied for on March 10, 2016 by Gretchen Zwetzig, Lindsay, California involving Fleming bred selections of the species noted above, part of a 68 year long breeding program, first bloomed and selected as such in 2008.

Hibiscus 'Summer in Paradise' - 36-40 in. tall x 40-48 in. wide, refined form. Flowers large at 7-8 in. wide, red in bud opening to hot cerise-red with a barely different, darker eye, floriferous, produced uniformly from the top to bottom of the shrub, not only at the apex as older clones. Leaves maple-shaped, dark green, densely placed. Or: Walters Gardens, intro. 2016. Web: <http://www.waltersgardens.com/plants/view/?plant=2694>, accessed 10.25.2016

Hibiscus 'Airbrush Effect' - www.waltersgardens.com, accessed 7.28.2017

Hibiscus 'Cherry Choco Latte' - www.waltersgardens.com, accessed 7.28.2017



HOLC001 - Holcus mollis 'Jackdaws Cream' - Leaves broadly margined creamy-white to near white, some thinner striping, chimera about 20-30% of blade, appearing to have a smaller chimera than the older, existing 'Albovariegatus' which is commonly 30-60% white on the surface. Image above not part of OROC Data Sharing.

Hosta are not registered through the OROC system. However you may be interested in our sponsor's free Hosta One book, covering more than 1000 named cultivars offered a no cost through Google Play Books. https://play.google.com/store/books/details/Laurence_C_Hatch_Hosta_One?id=ll9nBgAAQBAJ

Iberis cultivars numbering some 46 in both hardy and semi-hardy species are catalogued in Hatch's Perennials while annual cultivars are excluded.

IBER001 - Iberis (sempervirens x gibraltarica) 'Masterpiece' (Google Patents)

IBER002 - Iberis sempervirens PINK ICE™ (Monrovia Nursery)

IBER003 - Iberis gibraltarica 'Lavish' (Darwin Plants, new 2014)

IBER004 - Iberis sempervirens 'Whiteout' (Kieft Seeds)



IBER005 - Iberis ABSOLUTELY AMETHYST® is said to be the first lavender or lilac-toned perennial clone of the genus. Amethyst and lavender it will be...the claimed "purple" is for people with no sense of color. To that I say, I and many other people had this shade from Iberis gibraltarica decades ago and mine was hardy for some years in USDA 4 of upstate, Syracuse, New York of all rigorous places to test perennial hardiness. This is a fine plant, superior to random I.gib's but it is vastly a rewrite of history to call it a first in the lavender perennial class. Best in class...maybe..one of a few today (2014) but definitely not first. Now we add in the note that Monrovia, the big powerhouse, among others, says their I. sempervirens PINK ICE™ is the first pink perennial cultivar, a close shade in some lights and very lavender in bud. Isn't it likely that their clone too borrowed a rosy gene or two from I. gibraltarica or less likely the popular but sometime semi-hardy I. umbellata.

Iberis gibraltarica 'Lavish' - Flowers deep lavender, very long blooming selection. USDA 7a. In: www.ballseed.com, accessed 6.18.2016

Iberis sempervirens SNOW CONE™ - 5-8 in. tall x 9-12 in. wide, dwarf to very compact, subglobose, not flopping over as 'Snowflake'. Leaves dark green. Vegetative clone. Or: Syngenta c. 2015

Iberis SNOWSURFER™ Forte' - 6-12 in. tall 12-18 in. wide, very high vigor. Flowers over longer period of time than normal. Vegetative clone. Or, in: Syngenta

Iberis 'Sweetie Pie' - 8-10 in. tall x 10-12 in. wide. Flower petals purplish in bud (in the center of the raceme), opening light lavender, turning to near white blushed lavender later. Ch: USDA 6b, presumably because of I. gibraltarica or another less hardy species. Web, in, ph: <http://plantsnouveau.com/plant/iberis-sweetie-pie/>, accessed 10.30.2016

Iberis sempervirens TAHOE™ - 8-10 in. tall x 4-8 in. wide, compact, well-branched, more uniform than 'Snowflake' and "unprecedented uniformity from seed Iberis". Flower typical white, 1-2 weeks earlier than 'Snowflake'. Seed strain unlike their SNOWSURFER and SNOW CONE clones. Or, in: www.syngentaflowers.com, accessed 6.18/2016, <http://www.syngentaflowers.com/country/us/en/Documents/Catalog/Syngenta%20Flowers%202016%20Perennial%20Catalog.pdf>

Iberis 'Ice Candy' - www.waltersgardens.com, accessed 7.28.2017



IMPE001 - Imperata cylindrica YALBA™ 'ICL200' - 40cm tall x 100cm wide, more compact, dense than species typical, spreading quickly and wide, used as a tall flowering ground cover that eliminates weeds, Leaves medium green tinged red to about 5-20% surface. Flowers numerous, bright fluffy near white. We have seen 'Rubra' widely in the US and no colonies of it have ever been this white and floriferous in our experience. Lu: "Locks up more carbon in soil than most grasses" so best in masses as a monoculture, useful for both sandy and heavy clay soils. Image above courtesy of Ozbreed, In: <http://ozbreed.com.au/ornamental-native-grass/yalba-imperata-is-a-tough-compact-native-grass-with-longer-lasting-feathery-plumes-ornamental-native-grass/>, accessed 8/18/2016.

Iris are not registered in the OROC system.

Jovibarba are not registered in the OROC system.

Hatch's Perennials with 33 existing cultivars is our nomenclatural standard for the genus Juncus.

[JUNC001 - Juncus 'Dreadlocks'](#) (HortCouture)

[KNAU001 - Knautia macedonica 'Thunder and Lightning'](#) (Plant Delights) - 18 in. tall. Leaves broadly margined cream to white, 5-15% surface. Sport found by Marc Laviana, Sunny Border Nurseries, Connecticut, USA. US Patent #21437.

Whitehouse's checklist is our nomenclatural standard for registration in this genus: [Preliminary Checklist of Kniphofia Epithets by Whitehouse \(Hanburyana 6: 9-82 \(2012\)\)](#)

KNIP001 - [Kniphofia ROCKETTE® YELLOW](#) - 18-24 in. tall x 18 in. wide. Flower corolla a clean medium to golden-yellow for most of the maturity range, newest flowers faintly tinged red at the base, still effectively a mono-colored clone.

KNIP002 - [Kniphofia ROCKETTE® APRICOT](#) - 18-24 in. tall x 18 in. wide. Flower corolla a clean pale melon orange to light orange, progressively becoming more creamy toward the inflor. base, aging to melon-cream with more light orange apices.

KNIP003 - [Kniphofia uvaria 'Echo Mango'](#) - 24-40 in. tall x 24 in. wide. Foliage semi-evergreen, neater than typical of hybrids. Flowers up to 12 infl. per stem, blooming early in season, reblooming later in season with regularity, corolla yellow tinged mango orange, becoming much more yellow, effective monocolored, very old flowers more yellow with a whitish apex. US Patent# 21706 to Richard Saul, Georgia, USA 2011, a cross of 'Apricot Surprise' x 'Candle Light' in 2016.

KNIP004 - [Kniphofia uvaria 'Echo Rojo'](#) - 24-36 in. tall x 24 in. wide. Foliage semi-evergreen, neater than typical of hybrids. Flowers up to 12 infl. per stem, blooming early in season, reblooming later in season with regularity, corolla deep orange to coral-orange at the apex, later becoming more orange at the base, fairly monocolored from a distance, more bicolored up close.. US Patent# 22791 to Richard Saul, Georgia, USA 2012, a cross of 'Firelight' x 'Candle Light' in 2007.

KNIP005 - Kniphofia 'Sweet Corn' - 50cm tall x 40cm wide, dwarf or compact. Flowers in "numerous, short pokers", corolla "butter yellow" from tight buds, inflor. cylindrical like a

corn cob, no pink, red, or orange pigments except very minor ones as the base of young buds. Or, in: New World Plants.
Web: <http://www.new-worldplants.com/product.php?product=137>, accessed 11.10.2016

KNIP006 - Kniphofia rufa 'Rasta' - <http://new-worldplants.com/product.php?product=147>, accessed 11.12.2016

Kniphofia 'Limelight' - <http://new-worldplants.com/product.php?product=68>, accessed 11.12.2016, their own intro.

Kniphofia 'Pencil White' - <http://new-worldplants.com/product.php?product=142>, accessed 11.12.2016

Kniphofia 'Scorched Ciorn' - <http://new-worldplants.com/product.php?product=136>, accessed 11.12.2016

Lamium maculata 'Marshmallow' - <http://new-worldplants.com/product.php?product=136>, accessed 11.12.2016, their own introduction in 2011.

Lavendula 'Ghostly Princess' - <http://plantsnouveau.com>, accessed 7.30.2017

Lavendula stochas THE PRINCESS™ - <http://plantsnouveau.com>, accessed 7.30.2017

Lavandula ARDECHE BLUE 'PER3225' -

Lavandula angustifolia Endless Joy' -

Leontopodium alpinum SILVRETTA SUCCESS™ cultivars Bric Froid, Corno Stella, Corvara, Del Sole, Gallina, Lucendro, Marmolata, Matterhorn, Molare, Monte Rosa, Rocca Bianca, Rotundo, and Sella Rondo - <http://www.cultivaris.com/sources/>, accessed 11.13.2016

Our nomenclatural standard for 176 existing Leucantherum cultivars is Hatch Perennials

Leucantherum x superbum 'Spoonful of Sugar' - 16-18 in. tall x 28-32 in. wide, compact, dome-like when just in foliage. Flowers heads large to 4.5 in. wide, floriferous, covering the plant almost to the ground, rays pure white, disc classic golden-yellow, rays slightly informal and irregular for elegant appearance, generally the rays in 2 rows, usually reblooming in a second wave. Leaves dark green.
Web: <http://www.waltersgardens.com/plants/view/?plant=2697>, accessed 10.25.2016

Leucantherum x superbum 'Western Star Taurus' - 14-20 in. tall x 18-24 in. wide, compact, neat and uniform from seed. Flower rays and disc the classic white and gold mix, very long bloom period, larger flowers than 'Western Star Leo'. Or, in: Syngenta, c. 2016. Web:
<http://www.syngentaflowers.com/country/us/en/Documents/Catalog/Syngenta%20Flowers%202016%20Perennial%20Catalog.pdf>, accessed 10.26.2016

Leucantherum x superbum 'Western Star Leo' - 14-20 in. tall x 18-24 in. wide, compact, neat and uniform from seed. Flower rays and disc the classic white and gold mix, very long bloom period, blooms earlier and with smaller heads than 'Western Star Taurus'. Or, in: Syngenta, c. 2016. Web:
<http://www.syngentaflowers.com/country/us/en/Documents/Catalog/Syngenta%20Flowers%202016%20Perennial%20Catalog.pdf>, accessed 10.26.2016

Leucantherum 'Daisy Chains' - <http://new-worldplants.com/product.php?product=167>, accessed 11.12.2016.

Leucantherum 'Real Charmer' - www.planthaven.com, accessed 7.30.2017. REALFLOR® is not part of a registered name by OROC as it spans more than one unrelated genus, therefore not a taxonomic equivalent and serving is a multi-generic marketing name unsuitable for our scientific, horticultural process.

Leucantherum 'Real Sunbeam' - www.planthaven.com, accessed 7.30.2017

Our nomenclatural standard for cultivars of Liatris is Hatch's Perennials 3.1, covering 31 previously named cultivars.

LIAT001- *Liatris sp.* 'Georgia Giant' (Plant Delights) - 84 in., tall, very large for this genus. Cold hardy to USDA 7b. Found by Doug Walker in Georgia, USA as an unnamed much like a giant *L. spicata*. Flowers purplish-lavender. Taxonomic classification awaits.

LIAT002 - *Liatris spicata* 'Trailblazer' - 24 in. tall x 15-18 in. wide, shorter, compact. Flower purplish-lavender to lilac. Tetraploid clone, improved over the older 'Kobold'. Leaves often with reddish tips. Intrinsic Perennials, intro. 2015, their own selection.

LIGU001 - *Ligularia* 'King Kong' - 3-4 ft. tall x 3.0-3.5 ft. wide, vigorous, very large in time as most species examples take 2-5 years to mature in their size. Leaves 12-16 in. long or wide, glossy blackish-purple at first, becoming more burgundy-purple, semi-glossy, greener with more shade, distinct undulate margins. Flower rays orange in bud opening dark orangish-gold. Or: Walters Gardens, introduced 2016.
In, ph: <http://www.waltersgardens.com/plants/view/?plant=2615>, accessed 10.26.2016

LIGU002 - *Ligularia dentata* 'Pandora' - 20-40cm tall in leaf, larger at 50cm or more in flower, remaining compact all season. Leaves smaller than species typical, thus appearing refined, undulate, dentate, tinged rich dark purple above, burgundy red below, becoming very dark glossy green later. Flower rays orangish-yellow, blooming in 2-3 years after establishment as typical of species. In, web: <http://www.cnb.nl/EN/Pages/Product-Catalog.aspx?ProductId=264>, accessed 10.29.2016, intro. 2016

PENDING - *Ligularia denata* 'Boezem 2-2004' - Euro PBR "under procedure" for Kwekerij de Boezem BV on 9.6.2016

Our nomenclatural standard for 187 existing cultivars of *Liriope* and *Ophiopogon* in the International Register that is available at no charge on the internet: http://members.tripod.com/~hatch_l/cvliiri.pdf. For additional, detailed study of collections, identification keys to the cultivar level, and a strong discussion of nomenclature we highly recommend the following article by Fantz, Carey, Avent, and Lattier which requires a subscription to HortScience or payment of a one-day access charge of \$10.00 (well spent): <http://hortsci.ashspublications.org/content/50/7/957.abstract>

Liriope muscari 'Peter's Pick' - neat clumping form, relatively wider and shorter looking foliage, flowers light lavender on long, wiry, tall inflorescence. Or: Dr. Peter Del Tredici, selected from wild material in Zhejiang Prov., China.

Liriope gracilis 'Mop Top'

Liriope vernalis 'Lavender Springs'. <http://www.plantdelights.com>, accessed 1.16.2016, new for 2016

Liriope PRECIOUS METALS 'Pontovia' - 12-18 in. tall x 24 in. wide. Leaves variegated in gold stripes, mostly close to the margins, additional lime green striations toward the center in young leaves, later silver stripes on dark green, variable appearance. Flowers mostly violet (RHS 88B) whereas their standard for *L. gigantea* hort. is RHS 85B, this selection being a darker violet shade, inflorescence 19-21cm long (18-18cm in their parent stock), having a longer peduncle and larger raceme. Or: Ponto Nursery, Vista, California, from open pollinated seed in 2007, perhaps of *L. muscari* Gigantea Group. It should be noted that the taxon *L. gigantea* is an invalid species, not known in wild despite the claim it is native to China and Japan in the application. It has never been documented in the wild and originated in France. Pat: US# 25670 on June 30, 2015 to Robert Ponto.

Liriope muscari SILVERLAWN™ 'LIRSS' - 35cm tall x 40cm wide in leaf, low-growing for species. Leaves "clean variegated", chimera appearing to be well-distributed as wide stripes throughout the width of the blade, being 35-70% of the surface in some cases, "almost silver from a distance", appearing more narrow than species typical from images we have seen.. Or, in: <http://ozbreed.com.au/foilage-first-range/silverlawn-liriope-is-a-low-growing-contrast-plant-with-clean-variegated-foilage-foilage-first-range/>, accessed 8.2.2016, noting "previous known as SILVERSTAR™ ". It should be noted that renaming of unregistered trademarks does not countervene any nomenclatural or trademark code or law and must be allowed if the originator suggests it.

Liriope muscari PINK PEARL™ 'VS0001' - 25cm tall x wide, dwarf to very compact, low for species. Leaves very thinly striped white to cream, chimera about 5-20% surface, sometimes favoring one margin or side over the other, not a bold variegate. Flowers pink, inflor. mostly within and only slightly above the foliage canopy per originator's images.

Or, In: <http://ozbreed.com.au/foilage-first-range/pink-pearl-liriope-is-a-compact-low-growing-plant-with-clean-variegated-foilage-foilage-first-range/>, accessed 8.2.2016
Video(Youtube): <https://www.youtube.com/watch?v=-RPD-S9RUY8>

Liriope platyphylla 'Kunming' - 18 in. tall in leaf, 36 in. in flower (very tall for the genus except *L. muscari* Giant Group) x 48 in. wide, non-stoloniferous as is the species, but clumps do multiply over time. Flowers pale lavender-pink in long wiry spikes. Ch: usda 5A. Or: www.plantdelights.com, their own selection from seed obtained from Kunming Botanic Garden, China. Image above courtesy of Laurence Hatch, taken at Plant Delights Nursery in spring 2016 from the sales yard.

Hatch's Perennials is our nomenclatural standard for the genus *Lobelia*, covering more than 102 previously published perennializing cultivars.

LOBE001 - *Lobelia x speciosa* 'Vulcan Red' (Walters Gardens)

LOBE002 - *Lobelia cardinalis* 'Black Truffle' (Plant Delights). 3-4 ft. tall x 24-36 in. wide. Leave very dark "chocolatey purple" to dark purple to even blackish-purple by most reports. Flowers apparently about typical of the species for color, count, and form. Introduced by Peter Haus, West Virginia, USA in 2013, marketed by Angela Treadwell-Palmer, Plants Nouveau.

LOBE003 - *Lobelia cardinalis* 'Tan Line' - 36 in. tall x 18-24 in. wide, very vigorous. Leaves chartreuse to yellow, new growth tipped red, bred from a red-leaved plant. Flower corolla rich red, abundant blooms. Intrinsic Perennials, intro 2015, from their images not as gold-leaved as 'Golden Torch'

LOBE004 - *Lobelia cardinalis* 'New Moon Maroon' - Leaves with new growth rich burgundy red to dark maroon, becoming a mix of olive and red shades as leaves mature, said to be an improvement upon 'Fried Green Tomatoes'. Selected by New Moon Nursery, Brighton, New Jersey, USA, intro. c.. 2014.

The RHS Horticultural Database is our nomenclatural standard for the genus *Lupinus*.

Lupinus (Westcountry Group) 'Manhattan Lights' - Or: West Country Nurseries, Devon., UK

Lupinus (Westcountry Group) 'Red Rum' - Or: West Country Nurseries, Devon., UK

Lupinus (Westcountry Group) 'Masterpiece' - Or: West Country Nurseries, Devon., UK

Lupinus (Westcountry Group) 'Gladiator' - Or: West Country Nurseries, Devon., UK

Our standard in the genus *Lychnis*, including 66 previously reported cultivars is Hatch's Perennials 3.1 and subsequent revisions.

LYCH001 - *Lychnis sieboldii* 'Lipstick' - 45-50cm tall, well-branched, strong, and lacking the flopping, weak stems of most cultivars of *L. chalcidonica* and its hybrids. Flower corolla 3-4 in. wide, massive for this genus, "lipstick red" but in reality more orangish-red to reddish-orange (RHS 47B to 47C), favoring an orange shade, calyx tinged bronze to purple. Leaves purple to purple tinged bronze, adding ornamental merit. Proven long-lived in trials (an issue for this genus), lasting up to 10 years for originator without needling division, and cold hardy to at least USDA 5. Or, pat: US #26243 on Dec. 15, 2015 to Darrell Probst as controlled cross in 2002, selected in 2004 for evaluation.

LYSI001 - *Lysimachia clethroides* 'Heronswood Gold' (Plant Delights)

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XMAN001 - x Mangave 'Bloodspot', a lovely bigeneric hybrid from Japan, combining the frosty blue order and symmetry of Agave with the curious maroon, slightly dusky red in this form, spots of Manfreda. Click image if you will. Imaged at www.plantdelights.com by your editor and sold there.

XMAN002 - x Mangave 'Jaguar' - 2 f tall x 3 ft wide. Leaves rich glaucous blue, spotted very dark brownish-purple to blackish-purple if given enough light. [Waysidegardens.com](http://www.waysidegardens.com), accessed 4.27.2015

XMAN003 - x Mangave MAD ABOUT MANGAVE™ Kaleidoscope'. [.http://www.plantdelights.com](http://www.plantdelights.com), accessed 1.16.2016, new for 2016

XMAN004 - x Mangave 'Moon Glow'. [.http://www.plantdelights.com](http://www.plantdelights.com), accessed 1.16.2016, new for 2016

XMAN005 - x Mangave 'Pineapple Express'. [.http://www.plantdelights.com](http://www.plantdelights.com), accessed 1.16.2016, new for 2016

XMAN006 - x Mangave MAD ABOUT MANGAVE™ Inkblot

XMAN007 - x Mangave MAD ABOUT MANGAVE™ Mint Chocolate Chip

XMAN008 - x Mangave MAD ABOUT MANGAVE™ 'Man of Steel' -Leaves very numerous in rosette, horizontal and slightly down-facing in the lower half, uniformly silvery-green to greenish-silver, margined dark orange if given some sun, mostly unspotted, blades much thinner than typical of Agave. Or: Walters Gardens, intro. 2016. Or, in, so: <http://www.waltersgardens.com/plants/view/?plant=2721>, accessed 10.29/2016

XMAN009 - x Mangave MAD ABOUT MANGAVE™ 'Mission to Mars' - Leaves heavily suffused red to violet-red (30-60% surface), these transitioning to fused spots over a frosty gray base color, more red with more sub, blades to 12 in. long, slightly folded to boat-shaped, arching as well and more suggestive of the Agave parent,. Or: Walters Gardens, intro. 2016. In, web: <http://www.perennialresource.com/encyclopedia/view/?plant=2722>, accessed 10.29.2016

XMAN010 - x Mangave MAD ABOUT MANGAVE™ 'Lavender Lady'

x Mangave 'Cherry Chocolate Chip' - www.waltersgardens.com, accessed 7.28.2017

x Mangave 'Bad Hair Day' - www.waltersgardens.com, accessed 7.28.2017

x Mangave 'Carnival' - www.waltersgardens.com, accessed 7.28.2017

x Mangave 'Catch A Wave' - www.waltersgardens.com, accessed 7.28.2017

x Mangave 'Falling Water' - www.waltersgardens.com, accessed 7.28.2017

x Mangave 'Silver Fox' - www.waltersgardens.com, accessed 7.28.2017

x Mangave 'Whale Tale' - www.waltersgardens.com, accessed 7.28.2017

x Mangave 'Tooth Fairy' - www.waltersgardens.com, accessed 7.28.2017

Melica 'Silky'

[MELI001- Melissa officinalis 'Strawberry Lemonade' \('Pink Lemonade'\) \(Well Sweep Nursery, nursery website, download their PDF catalog\)](#)

Prior to registering the following Miscanthus cultivars, a total of 118 existing cultivars were published in Hatch's Perennials, our current nomenclature standard along with the RHS Horticultural Database.

[MISC001 - Miscanthus sinensis 'Autumn Anthem' \(Walters Gardens\)](#)

[MISC002 - Miscanthus sinensis 'Oktoberfest' \(Walters Gardens\)](#)

MISC003 - Miscanthus sinensis var. condensatus 'Luc-Andre LePage' - 5 ft. tall. Leaves margined yellow to 20% surface, midrib also silver, sometimes giving a tricolored look up close. Flowers showy late (October), fall colors golden-yellow to brown. Selected by Michel and Caty Le Damany of Pepinieres LePage, France. ISU 2014 Trials award.

MISC004 - Miscanthus sinensis 'Dread Locks' - 1.6m tall. Flower inflor. in dense clustered tubes, very erect overall, "springs" in one translation, well resembling the tightly braided dreadlocks hair style as small units but the panicle's overall "hair style" not pendulous or cascading in general as found in the human form, colored rich purplish-violet or green tinged red, sometimes showing a "corrugated" or rippled effect or violet-red and silver along the branches. The added floral density and constriction results in heads often held within or just atop the foliage mass, not soaring above it like most modern cultivars. There is a Jamaican grass joke here somewhere but as a formal cultivar register we will of course resist that notion. Selected by Zillmer, intro. 2008.

MISC005 - Miscanthus sinensis 'Digestif' - 1.7-2.0m tall, sometime thinly branched, hence a bit more natural than some modern compact material, rather relaxed in both flower and foliage compared to the super-dense, uptight modern clones. Leaves narrower, reed-like, open mass, arching to pendulous, not artificially dense in look, a very rich green with the typical silver midrib. Flower panicles reddish, fairly open and wide, dense in portion but overall very airy, a bit later in season. Selected by Zillmer, intro. 2008.

Miscanthus sinensis var. condensatus 'Luc Andre Lepage' - 1.1m tall. Leaves striped green, lime, and faintly silver in the midrib, in fall even more tricolored.

Miscanthus sinensis 'Encore' - 4.5 ft. tall in foliage becoming 6 ft. in flower. Flowers earlier than most clones, making it useful for a longer period in northern areas, inflor. "coppery purple" becoming more creamy-tan with maturity and maximum show. Leaves dark green. Or: Walters Gardens, intro. 2015, www.waltersgardens.com, accessed 4.18.2016

Miscanthus sinensis 'Alligator' ('Aligator') - Web, in: <https://www.plantipp.eu/en/planten/miscanthus-sinensis-alligator-lottumpbr-2/>, accessed 10.29.

Miscanthus sinensis RED CLOUD® 'EMPMS01' - 1m tall, compact habit. Flower inflor. panicles abundant, strongly tinged red over silvery and tan at maturity. Pat: Euro CPVO PBR 2015/0874. Aw: Plantarium Bronze 2016. Or: Empho BV, Beritsum. Web, in: <https://www.plantipp.eu/en/Plants/miscanthus-sinensis-red-cloud-empmis01pbr-2/>, accessed 10.29.2016

Miscanthus sinensis 'Minuett' - 2-3 ft. tall, dwarf, small, graceful. Flowers best in September (MD, USA). Or: Kurt Bluemel Inc., accessed 10.20.2016

Miscanthus sinensis 'Little Miss' - Pat, or: Euro CPVO PBR "under procedure" to Klaus Menzel as of 8.31.2016.

Miscanthus sinensis 'Gold Breeze' -

Miscanthus sinensis 'Ards Angel' - <http://www.censation.nl/assortment.php>, accessed 11.6.2016. Ns: the CENSATION trademark is applied to multiple genera is not registered by OROC since it thus proves to be a marketing name and not a taxonomic unit.

Miscanthus sinensis 'Brazil' - <http://www.censation.nl/assortment.php>, accessed 11.6.2016.

Miscanthus sinensis 'Cute One' - <http://www.censation.nl/assortment.php>, accessed 11.6.2016.

Miscanthus sinensis 'Ibiza' - <http://www.censation.nl/assortment.php>, accessed 11.6.2016.

Miscanthus sinensis 'Navajo' - <http://www.censation.nl/assortment.php>, accessed 11.6.2016. Ns: this name may prove to have difficulty in the United States as most native tribes, ie. the Navajo, claim ownership and rights to their tribal names.

Miscanthus sinensis 'Yaka Dance' - <http://www.censation.nl/assortment.php>, accessed 11.6.2016.

Miscanthus sinensis BANDWIDTH™ 'NCMS2B' -

Molina 'Les Ponts de Ce' - 1.0m tall, elegant, graceful form. Leaves in fall a blend of rich yellow, amber, and golden-yellow tints, very showy.

[MONA001 - Monarda 'Pardon My Pink' \(Proven Winners\)](#)

[MONA002 - Monarda SUGAR BUZZ Series \(Walters Gardens\)](#)

[MONA003 - Monarda 'Bees Knees' \(Burpee, New for 2015\)](#)

MONA004 - Monarda 'It's Majic' (incorrectly 'It's Magic') - 60 in. tall, vigorous, tall among genus hybrids. Stems dark purple. Flower corolla violet-pink, described by Intrinsic as "bright purple" but not classically of that color and more violet-pink per other sources. Leaves dark green, proven mildew resistant. Intro. by Intrinsic Perennials 2015, Hebron, Illinois, USA. [Intrinsic Perennials 2015 Catalog](#), accessed 5.9.2015, thought by them to be M/ fistulosa x M. didyma.

MONA005 - Monarda 'Judith's Fancy Fuchsia' - 3-6 ft. tall, large for the genus. Flower heads 1.5-3.0 in. wide, corolla bright fuchsia-purple to dark fuchsia, not magenta or fuchsia-pink, cones darker, up to 4 weeks of bloom with 50 flowers per plant in Mt. Cuba trials. Mildew resistant fair.

MONA006 - Monarda 'Peter's Fancy Fuchsia' - 3-4 ft. tall. Flower corolla dark fuchsia-pink to hot pink. Mildew resistant. Selected by Peter Heus, Enchanter's Garden. Monarda 'Pardon My Cerise' -14-18 in. tall x 10-12 in. wide, semi-dwarf to dwarf, very compact, flower heads 2.5-3.0 wide (sized as much taller clones), corolla bright cerise-red to cherry-red, leaved medium green, semi-glossy. High powdery mildew resistance. Or: [www.waltersgardens.com](#), accessed 12.23.2015. In: widely in use by [www.provenwinners.com](#), 2015

Monarda SUGAR BUZZ™ 'Cherry Pops' - 20 in. tall x 26 in. wide, compact, semi-dwarf, slightly erect and mounded, flower heads in a dense, "solid dome", 2.0-2.5 in. wide, corolla a pleasant cherry-red to cerise-red (not dark red as in some cherry fruit), leaves dark green. Mildew resistant. Or, in: [www.waltersgardens.com](#), their own selection, intro. 2014.

Monarda 'Rockin' Raspberry' - 20 in. tall x wide. Flower heads 2.0-2.5 in. wide, stems strong, well-branched, corolla rich "deep raspberry purple" or magenta-violet. Leaves very dark green for this genus. Or: Walters Gardens, intro. 2015

Monarda BEE-YOU™ 'Bee Happy' - 70cm tall, compact, strong stems. Flower corolla rich "crimson" to cerise-red, sterile, seed-form. Mildew resistance high. Or: Joke Dragt. Web: [www.isu-perennials.org/en/isu-awards.html](#), accessed 10.25.2016

Monarda SUGAR BUZZ 'Blue Moon'

Monarda SUGAR BUZZ 'Pink Frosting'

Monarda DANCING BIRD™ 'Allmobird' - compact, well-branched, neat habit. Flower heads distinct, corolla arching with long, narrow segments and pistils, resembling small birds at play, this corolla rich magenta-pink to fluorescent pink, calyx very large and prominent in more of a classic, true dark red with lime and chartreuse at its very base, chartreuse buds contrasting well for coloration, buds continue to develop in the inflo. center for a long period of time. Leaves at apex dark green becoming more dark green. Web: <http://plantarium.nl/en/novelty/monarda-didyma-allmobird-dancing-bird-1/>, accessed 10.29.2016. Youtube video: <https://www.youtube.com/watch?v=V0Mhf99EOLs>, published there 7.28.2016

Monarda BEE-YOU™ 'Bee-Free' -

Monarda BEE-YOU™ 'Bee-Lieve' -

Monarda BEE-YOU™ 'Bee-Merry'

Monarda BEE-YOU™ 'Bee True'

Monarda GRAND MUM™ 'MCmum' - 15-18 in. tall, shorter, more compact, mounded. Flower head very large (4.5cm wide), 40 flowers per head, abundant, floriferous, corolla a bright, light to medium mauve-pink to lavender-pink. Leaves dark green, slightly rugose and textured. Dr: mildew resistant. Pat, Or: US# 22136 to Campbell Davidson, Agriculture Canada, Research Station at Morden, Manitoba, as hybrid of unnamed plants in 2007, assigned to "Her Majesty the Queen in the right of Canada, as presented by the Minister of Agricultural and Agri-foods".



NEPA001 - Nepeta racemosa 'Angel Wings' - 6 in. tall in leaf, 8 inches tall in flower x 14 inches or more wide, trailing, low. Flowers much as parent 'Blue Wonder'. Leaves broadly margined clean white, chimeric usually complete along the entire margin, coverage of chimera 20-60% surface, making for a very bright, bicolor variegated, leaf slightly more rugose than parent 'Blue Wonder' from which it sported. In: Terra Nova Nurseries. Photo above courtesy of Laurence Hatch, imaged at All-American Trial Garden, JC Raulston Arboretum, NC State University, July 2016. Images are not part of OROC Sharing.

NEPA002 - Nepeta x grandiflora 'Summer Magic' - 40cm tall, robust, compact, weather resistant form, not falling over Flower corolla rich lavender, flowering again without cutting back, very rain resistant. Or: Malcom Spencer. Pat: US# 27090. Web: [www.isu-perennials.org/en/isu-awards.html](#), accessed 10.25.2016

NEPA003 - Nepeta cataria 'CR9' - Habit strong, produced highest above-ground biomass in the originator's trials, surviving New Jersey, USA winters. Leaves more highly aromatic, stronger in Z, E-nepetalactone (the feline effective essential oil) for use in commercial field production, being more effective when dried and together with the high biomass habit superior for commercial harvesting. The species is useful for both the pet trade (feline euphoria toys) and as an insect repellent for ants, termites, ticks, and several mite species, possibly more effective than DEET in some applications. This plant has much ornamental potential if it becomes available for the home market. Li: <http://hortsci.ashspublications.org/content/51/5/588.full.pdf>

Nepeta 'Kitten Around' - [www.waltersgardens.com](#), accessed 7.28.2017

[NOLI001 - Nolina 'La Sibirica' \(Cistus Nursery, their own introduction\)](#)

[NOLI002 - Nolina microcarpa 'Corduroy Creek' - www.plantdelights.com, accessed 7.27.2017, New listing 4.31.2017 per online catalog](#)

[OENO001 - Oenothera 'Leona' \(Red Fox/Dummen, a special variegated clone\)](#)

[OPHI001 - Ophiopogon planiscapus 'Way Good Variegated' - www.cistus.com, accessed 3.29.2016, their own selection](#)

[OPHI002 - Ophiopogon japonicus 'Tuff Tuft' \(Plant Delights, new 2014\)](#)

[OPHI003 - Ophiopogon japonicus 'Tuff Tuft Silver' \(Plant Delights, new 2014\)](#)

[OPHI004 - Ophiopogon 'Sparkler' \(Plant Haven\)](#)

Our nomenclature standard for more than 83 existing published cultivars of Opuntia, most from hardy, perennializing species is Hatch's Perennials.

[OPUN001 - Opuntia basilaris 'Baby Rita' \(Monrovia\)](#)

[PENDING - Opuntia 'Achy Breaky', 'Cyclops', 'Candelaria Flame', 'Golden Lion', and others \(Cistus Nursery, some their own introduction, one of the most complete cultivar offerings on the web today\)](#)

[ORIG001 - Origanum vulgare PROFUSION® \(Richters\)](#) - leaves very aromatic, more flavorful. More cold hardy, surviving Canadian winters at Richters Farm. Selected by Richters in 2012 from an old patch of escaped seedlings from an old planting of Otto Richter made 25 years early to test a very aromatic strain from Greece. Some individual seedlings survived and PROFUSION was considered the best of these surviving, durable, high scented seedlings.

Oxalis triangularis ALLURE™ BURGUNDY - <http://www.cultivaris.com/sources/>, accessed 11.13.2016

Oxalis triangularis ALLURE™ EBONY - <http://www.cultivaris.com/sources/>, accessed 11.13.2016

Oxalis triangularis ALLURE™ LAVENDER - <http://www.cultivaris.com/sources/>, accessed 11.13.2016

Oxalis triangularis ALLURE™ MAHOGONY - <http://www.cultivaris.com/sources/>, accessed 11.13.2016

Oxalis triangularis ALLURE™ SILVER - <http://www.cultivaris.com/sources/>, accessed 11.13.2016

[PACH001 - Pachysandra axillaris 'Windcliff Fragrant' \(Monrovia\)](#)

[PACH002 - Pachysandra terminalis 'Cutleaf' \(Raulston Arboretum, summer 2014\)](#)

[PACH003 - Pachysandra terminalis 'Tiffany'. Plantdelights.com, accessed 4.15.2015](#)

[PACH005 - Pachysanta axillaris 'Crug's Cover' - habit 'rampant', spreading well, leaves very glossy dark green, boldly textured, dentate, undulate, fruit pinkish-silver. Offered by www.crug-farm.co.uk, accessed 2.16.2016, their selection BWJ8032 from China 2000.](#)

The following data and legacy cultivar registrations for the genus *Pachysandra* are courtesy of the Editor, whose Hatch's Perennials series seeks to be comprehensive on this and more than 80 other genera:

PACH006 - *Pachysandra procumbens* 'Angola' (1/2006)

ht: 8 in. x 48 in. wide (6 years)

lc: heavily mottled silver against olive green, a central silver band often clear with mottlings toward the margin, silver 35-50% of surface

lu: besides the colorful foliage, this stock is from a hotter US state than some others, possibly the reason for it's heat and humidity tolerance.

so, in, or: [Plant Delights](#) (2006 Spring Sales Catalog: 81, with color photo), Tony Avent found near gates of Angolas Prison, Louisiana USA in Spring 1999.

PACH007 - *Pachysandra procumbens* 'Eco Picture Leaf' (1/2002)

lc: more heavily mottled silver, especially in spring

li: Schmid, W.G. 2002. An enc. of shade perennials. Timber Press. p. 251

PACH008 - *Pachysandra procumbens* 'Eco Treasure'

lc: more heavily mottled grey than species typical

or: Don Jacobs, Eco Gardens, Decatur GA USA

li: Dirr, M. 1998. Manual of woody landscape plants. Stipes. p. 694.

PACH009 - *Pachysandra procumbens* 'Forest Green'

ht: 18cm tall

ll: leaves larger, more uniform

lc: more regular, uniform mottling, darker green base color

or: Dr. Richard Lighty before 1952 from Penn. State Univ. as chance seedling

in: Dr. Lighty c. 1992 under this name. Previously distributed without name.

rai: generally regarded as the best replacement for the species in gardens today.

so: online source requested

eval: Mike Dirr states he sees "minimal difference" between species and this clone.

PACH010 - *Pachysandra procumbens* 'Gary Lanham'

c: boldly marked grey, more so than species typical

or: Gary Lanham selected from wild in KY USA

li: Dirr, M. 1998. Manual of woody landscape plants. Stipes. p. 694.

PACH011 - *Pachysandra procumbens* 'Kingsville' (8/2003)

lc: highly marked silver, Asiatica Nursery says it is "the most beautiful form we have seen"

or: Henry Hohman, Kingsville Nursery

so: [Asiatica Nursery](#) (online catalog 2003), probably first introduction to retail US trade or at least

so: a reintroduction after many years.

PACH012 - *Pachysandra procumbens* 'Pixie' (2/2001)

ht: 4 in. tall x 12 in. wide - roughly 30-50% species height

ha: dwarf, more compact

fq: good flowering

or: Holden Arboretum OH USA

in: Plant Delights Nur. 2001

so: [Plant Delights](#)

PACH013 - *Pachysandra terminalis* 'Cabbage Leaf'

lt: surface rough and cabbage-like (ie. Savoy Group)

so: catalog from [source \(Field Stone Gardens\)](#)

PACH014 - *Pachysandra terminalis* 'Gold Dust'

ht: 8-10 cm

lc: yellow

fd: 1mm wide.

or: James van Sanden of Hortech before 1997 as mutation

in: Hortech 1997

li: Hortech Catalog 1997.

PACH015 - *Pachysandra terminalis* 'Green Carpet'

ht: 6-8 in.

ha: smaller, neater, more compact, less trailing than species, making a uniform carpet.

lc: darker and more glossy green

PACH016 - *Pachysandra terminalis* 'Green Sheen'

ha: Dirr reports lower vigor than species typical

lc: much more glossy than species typical - looks like sprayed with leaf shine in fact

dr: foliage is more spot resistant

or: Dale Chapman, Univ of Connecticut CT USA

lu: more heat tolerant in Southern US than typical species. The brighter, glossy leaf reflects

lu: more light in a shaded setting so it has an interesting effect.

PACH016 - *Pachysandra terminalis* 'Kingswood'

so: [source \(River Bend Nursery\)](#)

Pachysandra terminalis 'Silver Edge' = 'Variegata'

PACH004 - *Pachysandra terminalis* 'Variegata' ('Silver Edge', 'Silveredge')

ha: slower than species typical but by no means really slow. As a ground cover

ha: it is not vigorous but given time it will densely fill a space.

lc: margined and sometimes mottled creamy white, the newest growth

lc: sometimes close to light yellow. Blades are often sectored cream, usually most

lc: highly so near the apex or down one side of the blade. Fainter greyish sectors also

lc: occur. One notices the teeth more than species because they are often highlighted by

lc: chimeral tissue.

id: Schmid (2002) considers this plant to be "more irregular than 'Silveredge' "in the margination.

id: Historically from literature and garden plants such a distinction is not known. It would be

id: good to name a clone that proves superior or different in the long run. This mutation is

id: so variable with climate, age, and time of year we believe this should wait for a comparative

id: trial.

Paeonia is not registered in the OROC system. Please your local or national peony society.

PANI001 *Panicum virgatum* 'Cape Breeze' (Google Patents)

Panicum virgatum 'JS Black and Blue' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

Panicum virgatum 'JS Black and Light' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

Panicum virgatum 'Buffalo Green' - 1.0m tall, uniform, more erect. Leaves bluish-green, yellow shades in fall. Inflor. very much larger, a large part of the plant's overall height.

In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

Panicum virgatum 'Sangria' - 110cm tall when in bloom, compact. Leaves rich purple and red tones, dark reds mostly in fall, basal leaves or base of clump brighter lime, green.

Flower heads purplish-brown.

Web, in, so, or: <http://www.censation.nl/assortment.php#content>, accessed 11.6.2016

Pat: Euro CPVO PBR "under procedure" for Johannes Nicolaas Mesker as of 12.22.2016

Panicum virgatum 'Oxblood Autumn' - leaves solid dark red in fall. Pat, or: Euro CPVO PBR "under procedure" for Frans Jeijssels as of 10.27.2015

Panicum virgatum 'JS Dark Night' - Euro CPVO PBR "under procedure" for Spruyt Select as of 6.23.2016

Panicum virgatum 'Hot Rod' - Euro CPVO PBR "under procedure" for Emerald Coast Growers as of 5.25.2016.

Panicum virgatum 'JS Blue Darkness' - Euro CPVO PBR "under procedure" for Spruyt Select as of 6.23.2016

Panicum virgatum 'Blood Brothers' - www.waltersgardens.com, accessed 7.28.2017

Panicum virgatum 'Totem Pole' - www.waltersgardens.com, accessed 7.28.2017

PARD001 - *x Pardancanda* 'Wine and Yellow Roses' - 36 in. tall. Flowers made of 6 tepals, alternating 3 yellow with purple to violet-red margins, alternating with three others of this same purple to violet-red coloration. Seed strain so plants will vary.

PENN001 - *Pennisetum alopecuroides* 'Ginger Love' - 2-3 ft. tall x wide. Inflorescence thick, red. Intrinsicperennials.com, accessed 4.14.2015

PENN002 - *Pennisetum alopecuroides* PRAIRIE WINDS™ 'Desert Plains' - 3-4 ft. tall x wide, upright vasey, neater than most existing clones. Leaves green, becoming rich red in fall, having some orange tones too. Flower heads 5 in. long, smoky-purple at first, becoming tan. Selected by Gary Trucks, Amber Wave Gardens, Michigan, USA as improved 'Cassian' seedling.US Patent #20751.

PENN003 - *Pennisetum alopecuroides* 'Penalope' - 50cm tall, 80cm in flowers. Flower panicles rich brownish-red, showy, much larger than typical. Selected by Jan Spruyt, vasteplant.be, accessed 5.16.2015

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PENN004 - *Pennisetum alopecuroides* 'Hameln Gold' - 50-70cm tall, compact as the parent cultivar 'Hameln'. Leaves rich greenish-yellow to chartreuse, more yellow in brighter light. Web: <http://www.vitrowestland.nl/en/product/pennisetum-alopecuroides-hameln-gold/>, accessed 11.6.2016. Image above is not part of OROC Data Sharing.

PENN005 - *Pennisetum alopecuroides* PennStripe™ 'PAV300' - 2-3 ft. tall x wide, more compact. Leaves narrower, striped greenish-white to cream. Flower tinged purple at maturity. Pat: US# 21693 to Wagner Horticulture, South Carolina USA as tissue culture isolate in 2005, being derived from NAFRAY material. Web: <https://www.ozbreed.com.au/ornamental-native-grass/pennstripe-pennisetum-is-a-variegated-native-grass-with-feathery-plumes-ornamental-native-grass/>, accessed 11.5.2016

PENN006 - *Pennisetum alopecuroides* NAFRAY® 'PA300' - 60cm tall x wide, much more compact, neat over time. Non-invasive due to low seed viability, also proven durable and more drought tolerant in New Zealand, show to last over 10 years which is not true of many cultivars worldwide. Leaves a medium, bright green, good color in winter. Flower heads tan tinged red in part, effectively tan from a distance. Web: <https://www.ozbreed.com.au/ornamental-native-grass/nafray-pennisetum-is-a-compact-drought-tolerant-native-grass-ornamental-native-grass/>, accessed 11.5.2016

PENN007 - *Pennisetum alopecuroides* PURPLE LEA® 'PA400' - 80-90cm tall x wide. Leaves rich green, full-sized (not narrow or short as some dwarves), elegantly arching outward. Flower heads rich reddish-purple at maturity. Web: <http://www.ozbreed.com.au/ornamental-native-grass/purple-lea-has-showy-purple-flowers-ornamental-native-grass/>, accessed 11.5.2016

PENS001 - *Penstemon* 'Kissin Kuzins' (Plant Delights, new 2015)

PENS002 - *Penstemon* CHA CHA™ CHERRY - 24-28 in. tall, vigorous. Flower corolla true cherry red, a bright shade, from very dark, backshp-red or dark cherry red, throat pinkish with stripes of red, very floriferous. Terranovanurseries.com, accessed 4.12.2015

Penstemon 'Novapenpur' - US Patent #27316

Penstemon 'Pmoore14' - US Patent #27315

PERO001 - *Perovskia atriplicifolia* 'Denim 'n Lace' - 28-32 in. tall x 34-38 in. wide, compact, semi-dwarf, stronger and more upright than older cultivars. Flowers faded denim blue (near sky blue) to lavender-blue effect due to purplish or amethyst calyx. Leaves appear more incised, lacy in appearance. Perennialresource.com, accessed 5.26.2015

PERS001 - *Pericaria amplexicaule* 'JS Caliente' - 50cm tall, 70cm tall in flower, corolla dusky orangish-red, richly toned. Selected by Jan Spruyt, vasteplant.be, accessed 5.17.2015

PERS002 - *Pericaria amplexicaule* 'JS Calor' - 60cm tall, 90cm tall in flower, corolla rich, warm cherry red. Selected by Jan Spruyt, vasteplant.be, accessed 5.17.2015

PERS003 - *Pericaria amplexicaule* 'JS Delgado Macho' - 35cm tall, 50cm tall in flower, a shorter clone than others, corolla rich pinkish-red to medium red. Selected by Jan Spruyt, vasteplant.be, accessed 5.17.2015

PERS004 - *Pericaria amplexicaule* 'Betty Brandt' - 60cm tall, 80cm tall in flower, corolla pinkish-lilac. Selected by Jan Spruyt, vasteplant.be, accessed 5.17.2015, JS® trademark external to cultivar name, applied to many genera, not specific to this genus.

PERS005 - *Pericaria amplexicaule* 'Sangre' - 80cm tall, 100cm tall in flower, corolla rich cherry-red, some pinkish tones, very bright. Selected by Jan Spruyt, vasteplant.be, accessed 5.17.2015, JS® trademark external to cultivar name, applied to many genera, not specific to this genus.

PERS006 - *Pericaria amplexicaule* SEVEN OAKS VILLAGE - 50cm tall, 90cm tall in flower, corolla pink and white in one head, subtle bicolor. Selected by Jan Spruyt, vasteplant.be, accessed 5.17.2015, JS® trademark external to cultivar name, applied to many genera, not specific to this genus.

PERS007 - *Pericaria amplexicaule* 'White Eastfield' -

Petrovskia 'Blue Jean Baby'

Phalaris arundinacea 'Arctic Sun' - 60-80cm tall. Leaves 85-95% golden-yellow to chartreuse-yellow, subtly striped green. Or: Empho BV.

The previous 940 cultivars are found in Hatch's Perennials, available at <https://books.google.com/books?id=88PLBwAAQBAJ&pg=PT15&ots=LMNvcEv2yi&dq=hatch's%20perennials%20google&pg=PT15#v=onepage&q=hatch's%20perennials%20google&f=false>. We also recommend the RHS Horticultural Database as trademark and PBR rights appear to vary widely between Europe and North America.

PHLO001- *Phlox pulchra* 'Bibb Pink'

PHLO002 - *Phlox glaberrima* var. *triflora* 'Forever Pink'. Plantdelights.com, accessed 4.15.2015

PHLO003 - *Phlox x procumbens* 'Pink Profusion'. Plantdelights.com, accessed 4.15.2015

PHLO004 - *Phlox pilosa* 'Bungalow Blue' - 15-18 in. tall. Flower head dense, domed, corolla light blue to pale lavender-blue, less a lavender-pink compared to species, each petal with two dark purple basal markings. US intro 2014.

PHLO005 - *Phlox amplifolia* 'Christine' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

PHLO006 - *Phlox paniculata* 'Fairytale of the Ural' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

PHLO007 - *Phlox amplexicaule* 'Pink Painting'

Phlox paniculata 'Betty Volcano' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016. The JS® trademark name is applied to many genera and is there not considered a taxonomic unit or nomenclatural equivalent.

Phlox paniculata 'Edentuin' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

Phlox paniculata 'Anne' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

Phlox paniculata 'Rosanne' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

Phlox paniculata 'Tequila Sunrise' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

Phlox amplifolia 'Shemeneto' - 70cm tall. Flower corolla intense magenta-purple to violet-purple, stable colors, faint striping. Leaves very dark.

Phlox EARLY PINK DARK EYE

Phlox 'Violet Pinwheels'

Phlox 'Fashionably Early Crystal'

Phlox 'Fashionably Early Flamingo'

Phlox 'Fashionably Early Lavender Ice'

Phlox 'Fashionably Early Princess'

Phlox bifida 'Top Notch' - 6-8 in. tall x 16-18 in. wide, neat form. Flower corolla pale, periwinkle blue, almost entirely covering the entire foliage mound, petals deeply cut as species, thus more curious and textured than *P. subulata* of similar coloration, fragrant. In: Walters Gardens, intro. 2016.

Phlox 'Opening Act Blush' - 18-20 in. tall x wide. Flowers quite early, corolla light lavender-pink, darker eye, sporadic rebloom in summer and occasionally fall. Leaves glossy green, mildew resistant. Handles both heat and humidity. Or: Walters Gardens, intro. 2015 via Proven Winners: <http://www.waltersgardens.com/plants/view/?plant=2564>, accessed 3.30.2016

Phlox paniculata MAIDEN AMERICAN™ 'Jordan Schuster' - 30cm tall, internodes to 2cm long, compact, highly branched. Flower corolla well-scented, pin-wheel banded in

shades of rich medium pink and white or rosy-white or medium pink suffused white or very pale pink at the tip, patterns varying. Or: Richard Saul, ItSaul Plants, Georgia, USA, US Plant Patent #26352 on Jan 26, 2016. Photo: http://www.itsaulplants.com/_cclib/image/random/DETA-80.jpg

Phlox 'Blind Lion' - 70cm tall, compact, erect. Flowers "flowerless" (remain fixed in bud stage), corolla dark purple, mostly valued for very dark glossy purple bracts or calyx which forms a fine-textured mass.

Or, patent: US# 26255 to Jan van Leeuwen on Dec. 22, 2015, as sport 2011. Ns: it has been accepted as a cultivar at the US Patent Office and that has established that taxonomic status. However it is described elsewhere as a Registered Trademark in such references as: <http://www.cnb.nl/EN/Pages/Product-Catalog.aspx?ProductId=260>, accessed 3.29.2016

Photo: https://www.veilingrheimaas.com/fileadmin/vrm/bilder/newsletterAktuell/2015/31_2015/Phlox_Blind_Lion.jpg

Phlox 'Running With Scissors' (P. 'Daniel's Cushion' x P. bifida) - 7 in. tall x 20 in. wide (2 year plants) and 7 in. tall x 38 in. wide (3 year plants), vigorous, durable. Flower corolla light to medium violet, very distinctly bifid (cut into 2 lobes) to 1/3 depth of petal, small reddish-violet eye spots, to 1 in. wide (larger than most P bifida), cover 90-100% of the foliage canopy in blooms, thus very floriferous, sweetly scented. Leaves dark green, "reminds us of rosemary" (Chicago B.G.) Ch: USDA 4. Or: Dr. Ault, Chicago B.G. as hybrid in 2008, the name referring to the scissor-shaped blooms and the plant running strong vigor along the ground. Web, in, ph: http://www.chicagolandgrows.org/perennials/running_with_scissors.php, accessed 10.26.2016, introduced by Dr. Ault, Chicago B.G. in 2017

Phlox 'Daughter of Pearl' (P. carolina x P. maculata) - vigorous, mounded, free basal branching. Flowers in conical inflorescences white and purple, early, abundant. Dr: mildew resistant. Or, pat: US# 27267 in October 11, 2016 to Charles Oliver, Scottsdale, PA, USA.

Phlox 'Zenith' - US Patent #27266

Phlox 'Solar Flare' - US Patent #27265

Phlox 'Aurora' - US Patent# 27264

PHYS001 - Physostegia virginiana 'Pink Manners' (Plant Delights)

Pinellia tripartita 'Gold Dragon' - <http://www.shikoku-garden.com/English/indexenglish.htm>, accessed 12.29.2015

Polemonium yezoensis 'Halfway to Paradise' -



POLYGON001 - Polygonatum odoratum 'Byakko'. Meaning "white tiger", this lovely Japanese selection introduced by Barry Yinger is stunning for its unique variegation pattern over a soft slightly greyish-green leaf. Image above courtesy of Laurence C. Hatch, not part of OROC Data Sharing, imaged at Juniper Level Botanic Gardens, Raleigh, North Carolina, USA.

POLYGON001 - Polygonatum lasianthum 'Kon Chri Shima' - <http://www.shikoku-garden.com/English/indexenglish.htm>, accessed 12.29.2015

POLY001 - Polypodium calirhiza 'Sarah Lyman' - fronds bipinnatifid, showier than species typical, more frilly, graceful, plumose, ornate, suggestive of Boston fern cultivars. The Flora of North America regards P. calirhiza as a true, non-hybrid species, an allotetraploid involving P. californicum and P. glycyrrhiza but not a direct hybrid of them alone. Those direct crosses are normally sterile triploids and very different from this new, clearly more complex, mysterious species. This clone found by Sarah Lyman in the wild about 1897 near Napa Valley, grown by her and distributed informally for many years, not named or widely sold until recent decades, absent from all but a few modern references and qualifying as an historical registration.

POTHERB001 - Potentilla 'Gold Sovereign' - 15cm tall x 20cm wide, "tactile mounds". Leaves silvery green, boldly crenate, wide ovate to subrotund. Flowers rich golden-yellow, not a true gold, flat at maturity. Or, in: <http://new-worldplants.com/product.php?product=167>, accessed 11.12.2016, their own selection.

Primula is not a genus registered by the OROC collective.

PULM001 - Pulmonaria 'Darkling Thrush' - as P. longifolia but leaves brown-tinged in late winter and early spring, contrasting well with white spots, flowers corolla dull violet. Desirableplants.com, accessed 5.21.2015, their own random seedling, likely a product of nearby P. longifolia 'Ankum' and perhaps P. saccharata 'Leopard'.

CULTIVAR.ORG



PULM002 - Pulmonaria 'Shrimps on the Barbie' - 10 in. tall x 24 in. wide, low, spreading. Flower corolla rich "shrimp pink" (images are more medium, bright pink to us), calyx dark purplish-red. Leaves elliptic to elliptic-ovate, moderately spotted silver. Dr: mildew resistant. Or, in: <http://www.terranovanurseries.com/growers/pulmonariashrimpsonthebarbie-p-714.html>, accessed 8.18.2016, their own introduction for 2016-17. Image above copyright owned by and courtesy of Terra Nova Nurseries.

Pulsatilla vulgaris 'Pink Smiley'

Pyanthemum pilosum 'Bees Friend'

RANU001 - Ranunculus ficaria 'Orange You Cute' (Plant Delights, their own introduction)

RODG001 - Rodgersia 'Kupfermond' - leaves tinged copper to bronze. Flower heads large, light pink, fluffy appearance, held above foliage, sturdy, strong. German origin bef. 2013.

RODG002 - Rodgersia pinnata 'Jade Dragon Mountain' - stems red, showy. Flower heads dense, pink to reddish in bud, maturing to cream. Selected by Spinners from Roy Lancaster Collection L1670.

RODG003 - Rodgersia 'Stoke Gabriel' - leaves pseudopinnate, much as Rodgersia pinnata, dark green, showy red petioles, Flowers white in elongated, arching inflorescences, showy red pedicels. A tricolored mix of green, white, and red shades at once. Selected by Heather Booker, National Rodgersia Collection UK, North Devon, England. Desirableplants.com, accessed 5.21.2015, with "NEW CULTIVAR NAME"

RODG004 - Rodgersia nepalensis 'High Flier' - Offered by www.crug-farm.co.uk, accessed 2.16.2016

RODG005 - Rodgersia pinnata 'Shangri-La' - Offered by www.crug-farm.co.uk, accessed 2.16.2016

Rodgersia podophylla 'Bloody Wheels' - <http://www.shikoku-garden.com/English/indexenglish.htm>, accessed 12.29.2015

Rodgersia henrici CHERRY BLUSH® - 90-100cm tall. Flows dark rose-red, close to a true red. Leaves dark bronzy-green.

Rodgersia CANDY CLOUDS® - 1.2m tall. Flowers a blend of white and pink shades. Leaves green.

Rodgersia SNOW CLOUDS® - 1.2m tall. Flowers white with some faint pink tints in bud, later quite white. Leaves green.

Rodgersia pinnata FIREWORKS® - 1.2m tall, stems red and showy. Flowers light pink. Leaves green tinged red, much textured as is this species.

Rodgersia henrici CHERRY BLUSH - 80cm tall, compact. Leaves green tinged and margined red. Flower very intense red to rose-red tones.

Rodgersia 'Dark Pokers' -

Rohdea japnica 'Go Dai Takane' - <http://www.plantdelights.com>, accessed 9.10.2016, Fall 2016 Catalog introduction

Rohdea japonica 'Kinshu No Matsu' - <http://www.plantdelights.com>, accessed 9.10.2016, Fall 2016 Catalog introduction

Rudbeckia missouriensis 'Fairly Free' -

SALV001 Salvia scabra 'Good Hope' (Jelitto Seeds)

SALV002 Salvia CATHEDRAL™ Series (GreenFuse Botanicals)

SALV003 - Salvia leucantha 'Ferpink' (Plant Delights)

SALV005 – Salvia 'Amistad' – 3-4 ft. Tall x 3 ft. Wide, more compact than most S. guaranitica hybrids. Flower calyx very dark blackish-purple, corolla dark violet-purple. Introduced by Souther Living Plant Collection 2015.

SALV006 - Salvia BLUE NOTE® - 20cm tall x 60cm wide. Flower corolla intense medium blue, calyx very dark. fleursetsenteurs.com, accessed 5.26.2015, their own introduction.

SALV007 - Salvia MELEN® - 20cm tall x 60cm wide. Flower corolla cream to light yellow tinged red in upper labia, calyx very dark, blackish. fleursetsenteurs.com, accessed 5.26.2015, their own introduction. Bronze Medal, Plantarium 2010.

SALV008 - Salvia 'Violin Music' - 20cm tall x 60cm wide. Flower corolla rich lavender-violet. Leaves oval, dark green, 2.5cm long.. fleursetsenteurs.com, accessed 5.26.2015, their own introduction.

SALV009 - Salvia 'Red Swing' - 80cm tall.. Flower corolla rich cardinal or cherry red, calyx purplish-black, contrasting much.. fleursetsenteurs.com, accessed 5.26.2015, their own introduction.

Pending - Salvia Wish Collection (Plants Management Australia) - see video below

SALV010 - Salvia (S. chamaedryoides x S. lycoides) 'Red Swing' - 80cm tall x 90cm wide, compact, shrubby, stems tinged red to purple or bronze. Leaves broadly elliptic to short-ovate, apex wide acute to subobtuse, fairly pale green, textured and curly. Flowers corolla scarlet-red, calyx purplish-black, scented, buds very dark red to purplish-red, appearing almost black. USDA 8 or better. Or, Pat: US# 26401 on Feb. 2, 2016 to Catherine Bernabe, hybrid in 2008. It has been sold as S. greggii but the US Patent information from the originator refutes that claim.

SALV011 - Salvia nemorosa 'A Little Bit' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

Salvia nemorosa 'Jan Sprut' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

Salvia nemorosa 'Mother Tilley; - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

Salvia nemorosa 'Deep Blue Field' - 45cm tall, upright. Flower corolla vioiolet (RHS N88A), pancies to 15 cm long. Leaves medium green, semi-glossy. Or: Vitrofloragruppe. Web: www.isu-perennials.org/en/isu-awards.html, accessed 10.25.2016

Salvia nemorosa 'Slimming Blue' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

Salvia pratensis 'Swan Lake' - In, ph, so: <http://www.vasteplant.be>, accessed 10.23.2016

Salvia x microphylla 'Killer Cranberry' - 24-36 in. tall x 18-24 in. wide, compact Leaves light, bright green. Flowers a rich violet-magenta to violet-pink. In: Southern Living Plant Collection, introduced 2016

Salvia x microphylla 'Little Kiss' - flower bicolored in white and violet-red to red, much as 'Hot Lips' but more compact and "better behaved" than that popular clone. In: Southern Living Plant Collection, intro. 2016.

Salvia nemorosa BLUE BOUQUETTA 'Aikif'

Salvia guaranitica 'Black and Bloom' - Habit, tall, vigorous, taller than parent 'Black and Blue', less vigorous than 'Costa Rican Blue'. Flower corolla rich, dark violet-blue. Leaves dark green, more so than 'Black and Blue', and also more rugose than it's parent. Pat. or: US# 27183 on Sept. 20, 2016 to Scott Trees, Arroyo Grande, California, USA as controlled cross in 2009 of 'Costa Rican Blue' and 'Black and Blue' in the same species.

Salvia 'Jeans Jewel' - <http://www.new-worldplants.com/product.php?product=150>, accessed 11.12.2016

Salvia 'Strawberries and Cream' - <http://www.new-worldplants.com/product.php?product=163>, accessed 11.12.2016

Salvia 'California Sunset' - 45cm tall x wide. Flower corolla "striking deep peachy orange that are almost blood orange in bud". Web: <http://new-worldplants.com/product.php?product=165>, accessed 11.12.2016, their own introduction in 2016.

Salvia 'African Sky' - 60cm tall x 35cm wide, arching. Leaves leathery. Flower corolla sky blue (light blue) but more lavender to lilac at the base. Web: <http://new-worldplants.com/product.php?product=165>, accessed 11.12.2016

Salvia 'Candy Cream' - 60cm tall x 45cm wide. Flower corolla "deep shell pink...when first open....creamy overlay which exudes from the throat becoming more apparent as the flower ages". Web: <http://new-worldplants.com/product.php?product=87>, accessed 11.12.2016

Salvia 'Cream Caramel' - 60cm tall x 45cm wide. Flower corolla mostly cream, other parts in the throat tinged pink, light orange, and pinkish-brown. Web: <http://new-worldplants.com/product.php?product=139>, accessed 11.12.2016

Salvia 'Newe Ya'ar' - <http://www.plantdelights.com>, accessed 9.10.2016, Fall 2016 Catalog introduction

Salvia 'Clotted Cream' - 50cm tall x 40cm wide, "compact which seems less brittle". Flower corolla cream to near white from greener buds. Web: <http://new-worldplants.com/product.php?product=87>, accessed 11.12.2016

Salvia x microphylla 'Gleneden' - <http://www.greenhousemag.com/video/spring-trials-2015-cultivaris-salvia/>, video, accessed 11.13.2016

Salvia x microphylla 'Syracuse' -

Salvia x microphylla 'Little Lips' -

Salvia x microphylla 'Elmira' -

Salvia x microphylla 'Plush' -

Salvia x microphylla 'Roseburg' -

Salvia x microphylla 'Free Speech' - flower corolla bright red.

Salvia x microphylla 'Berkeley Barb' - flower corolla generally 2-toned to 3-toned in shades from rich magenta to medium pink.

Salvia 'Bumbleberry' - www.waltersgardens.com, accessed 7.28.2017

Salvia 'Bumblesky' - www.waltersgardens.com, accessed 7.28.2017

Salvia 'Bumbleblue' - www.waltersgardens.com, accessed 7.28.2017

Salvia 'Shangri-La' (S. moorcroftiana x S. indica) -

Sanguinaria canadensis 'Snow Cone' - www.plantdelights.com, accessed 7.27.2017, New listing 4.31.2017 per online catalog

Sanguinaria canadensis 'Venus' - www.plantdelights.com, accessed 7.27.2017, New listing 4.31.2017 per online catalog

Our nomenclatural standard for Sarracenia is the International Carnivorous Plant Society and the expert website www.pitcherplant.org

SARR001 - Sarracenia 'Carolina Yellow Jacket' (Plant Delights, David Crump)

SARR002 - Sarracenia purpurea 'Jersey Girl' (Plant Delights)

SARR003 - Sarracenia leucophylla var. heterophylla 'Unstained Glass' - <http://www.plantdelights.com>, accessed 9.10.2016, Fall 2016 Catalog introduction

SAUR001 - Saururus crenuus 'Hertford Streaker' (Plant Delights) - slower, compact, not weedy or aggressive as species due to lower vigor of this variegated sport. Leaves heavily margined cream to white, chimera up to 80% surface, the central zone an irregular mix of light grey, silvery-green, and green patches forming the shape of an irregular toothed leaf shape (15-20% surface). Jesse Perry found as sport in Hertford, North Carolina USA, introduced by Plant Delights Nursery, Raleigh, North Carolina 2014.

SCAB001 - Scabiosa columbaria GIGA® BLUE - 12-20 in. tall x 12-15 in., compact, well-branched, no pinching required in production. Flower rays lavender-blue, disc flowers paler, light lavender to pale pink, white in part. wide. <http://green-fuse.com/site/scabiosa-columbaria-giga/>, accessed 11.5.2016

SCHI001 - Schizachyrium scoparium 'Standing Ovation' (Wayside Gardens) - 3-4 ft. tall x 12-18 in. wide, very erect, compact. Leaves rich light blue, tinged dark purple near the base, very bright orange, yellow, red, and purplish-brown fall coloration, blades thicker than species typical. US Plant Patent 25202 to [North Creek Nursery](http://www.northcreeknursery.com).

SCHI002 - Schizachyrium scoparium 'Seasons in The Sun' - 90-110cm tall. Leaves bluish-green, becoming dark purple or purple tinged in late summer and fall

SCHI003 - Schizachyrium scoparium 'Cinnamon Girl' - 65-80cm tall. Leaves dark red to cinnamon-red in fall, a bit of a dusky rose over green with some red before that.

SCHI004 - Schizachyrium scoparium 'Good Vibrations' - 100-120cm tall. Leaves steel blue to grayish-blue, no red or other fall colors but keeping this valuable blue sheen to contrast with the rest. Flower racemes much larger than typical, showy, tinged red.

SCHI005 - Schizachyrium scoparium 'Smoke Signal'

SCHI006 - Schizachyrium scoparium 'Twilight Zone'

SCHI007 - Schizachyrium scoparium 'Prairie Munchkin'

SCUT001 - Scutellaria 'Scuttlebutt Violet'

Our standard reference for 266 previously published cultivars of the genus Sedum is Hatch's Perennials

SEDU001 - Sedum 'Touchdown Teak'

SEDU002 - Sedum 'Lemonjade' (Walters Gardens)

SEDU003 - Sedum 'Dark Magic' - 12-15 in. tall, very upright, clump-forming, numerous crown per plant. Flower heads large, effectively dark pink. Leaves glossy blackish-purple. [Terranovanurseries.com](http://www.terranovanurseries.com), accessed 4.12.2015

SEDU004 - Sedum 'Cherry Truffle'

SEDU005 - Sedum 'Chocolate Drop'

SEDU006 - Sedum 'Raspberry Truffle'

SEDU007 - Sedum 'Desert Black'

SEDU008 - Sedum 'Desert Blonde'

SEDU009 - Sedum 'Desert Red'

SEDU010 - Sedum 'Rolling Rock'

SEDU011 - Sedum spurium 'Red Rock'

SEDU012 - Sedum ussuriense 'Chuwangsan' - 4 in. tall x 12 in. wide, low-spreading. Leaves bluish-green, resembling S. sieboldii but larger and sparser. Flowers medium lavender-pink. USDA 3a. Crug Farm found on cliffs in S. Korea as BSWJ23.

SEDU013 - Sedum spathulifolium 'Serpentine Blue' - www.cistus.com, accessed 3.29.2016

SEDU014 - Sedum spathulifolium 'Serpentine Point' - www.cistus.com, accessed 3.29.2016



SEDU015 - Sedum 'Ayer's Rock' - leaves short ovate to suborbicular-ovate, very shallowly crenate, distinctly grey to greenish-grey (hence rock in the name), often tinged pink to red shades if given sun. Flower heads a mix of pale pink, violet-pink, magenta-pink, and medium pink shades, giving a dusky rich rose-pink look from a distance.

SEDU016 - Sedum spurium 'Solarity' - 4-8 in. tall x wide, well-branched. Flowers rich violet-red, mixed tones including medium pink, magenta, violet-red, and others. Seed strain.

Or, in: [Syngentaflowers.com](http://www.syngentaflowers.com), accessed 6.18/2016, intro. 2016, <http://www.syngentaflowers.com/country/us/en/Documents/Catalog/Syngenta%20Flowers%202016%20Perennial%20Catalog.pdf>

SEDU017 - Sedum telephium SURRENDER™ - 6-10 in. tall x 4-8 in. wide. Flowers in small, compact corymbs, violet-red to pinkish-red. Seed strain.

Or, in: Syngentaflowers.com, accessed 6.18/2016, intro. 2016, <http://www.syngentaflowers.com/country/us/en/Documents/Catalog/Syngenta%20Flowers%202016%20Perennial%20Catalog.pdf>

Sedum 'Over the Moon' - 16-18 in. tall x 22-24 in. wide, very dense, neat. Leaves wide, dark olive green, tinged red to rose-pink on the margins. Flower heads creamy-white blushed pink to varying degrees, producing a sort of glowing moon effect. Or, in: www.waltersgardens.com, bred by them, accessed 6.18.2016, intro. 2016, <http://www.perennialresource.com/encyclopedia/view/?plant=2715>

Sedum 'Pillow Talk' - 18-24 in. tall, vigorous, stems tinged rose-pink. Leaves grayish-green, sometimes tinged red to rose, becoming more chartreuse and pink in fall. Flower heads 5-6 in. wide, dark pink and magenta. Resistant to Rhizoctonia. Or, in: www.intrinsicperennialgardens.com, accessed 6.18.2016, introduced by them 2016, , web: http://www.intrinsicperennialgardens.com/sitefiles/wp-content/uploads/IPG_Intros_FINAL-spreads.pdf

Sedum ellacombianum 'Cutting Edge' - 6 in. tall x 12 in. wide, vigorous. Leaves margined light to medium yellow, tinged pink in first shoots, chimera about 8-15% surface, and tracing the apical crenate to serrate teeth of each leaf for added effect. Or, in: www.intrinsicperennialgardens.com, accessed 6.18.2016, their own intro., press release (May 2016): <http://www.intrinsicperennialgardens.com/sitefiles/wp-content/uploads/Sedum-Cutting-Edge.pdf>

Sedum ELINE - 25cm tall in leaf, 35cm tall in flower, about as wide, similar habit as 'Matrona', sturdy, non-flopping by late summer. Leaves very dark dusky bluish-green, central area suffused in dark red. Flower heads with up to 300 flowers, 13.2 cm wide, 10.2 cm tall, lasting about 14 days, yellow in bud, becoming cream-yellow to light yellow, pedicels tinged red or all red, contrasting much with the pale petal colors. It is an unusual flower color for the taller, shrubby class of stonecrop. Or, in: Jan Henrik and Jacob Dijkstram, Aan de Dijk Nursery, chance seedling of unknown parentage in 2009, selected 2012, US Patent #24772 on August 12, 2014, offered by CNB, intro 2013.

Sedum ORIENTAL DANCER® - 10-12 in. tall x 13-16 in. wide, groundcover if mass planted. Leaves very dark greenish-red with a dusky, glaucous or waxy sheen. Flower heads a mix of reddish-pink and paler shades, overall a rich, glowing pink. Or, in: Burpee breeding, intro through Rinjbeek & Son, launched at Cultivate 2016 in Ohio in July 2016, http://www.rijnbeek.com/Special/RijnbeekEU2016zp_lores.pdf, accessed 10.30.2016

Sedum aff. fosterianum 'Antique Grill' - 6 in. tall x 12 in. wide, spreading and cascading as species. Leaves light bluish-gray to greenish-blue, old leaves and sprays tipped tipped and almost entirely pinkish-red by maturity, contrasting well with the pale blue and green shades of the new tips. Web, ph, video: http://www.treadwellplants.com/index.cfm?fuseaction=plants.plantDetail&plant_id=127, accessed 10.30.2016, featuring Dr. Allan Armitage.

Sedum spurium 'For Your Eyes Only' - 15cm tall. Flower heads reddish-purple, a mix of violet-red and rich pink shades. Leaves brownish-green. Web: <http://www.censation.nl/assortment.php>, accessed 11.6.2016

Sedum 'Wandering Star' - <http://www.cultivaris.com/sources/>, accessed 11.13.2016

Sedum 'Honey Gold' - <http://www.censation.nl/assortment.php>, accessed 11.6.2016

Sedum 'Tropical Night' - <http://www.censation.nl/assortment.php>

Sedum 'Little Missy' - 5cm tall x 10cm wide, flat form. Flowers light pink effect but actually a mix of white and pink shades if viewed up close. Leaves margined white to cream at 30-45% surface. Ch: said to be "not hardy" so perhaps a houseplant and not belonging here? Or, in: <http://new-worldplants.com/product.php?product=103>, accessed 11.12.2016, their own introduction.

Sedum 'Little Miss Sunshine' - www.waltersgardens.com, accessed 7.28.2017

Sedum 'Popstar' - www.waltersgardens.com, accessed 7.28.2017

Sedum 'Superstar' - www.waltersgardens.com, accessed 7.28.2017

Sedum palmeri 'Mendoza' - www.plantdelights.com, accessed 7.27.2017, New listing 4.31.2017 per online catalog

SELA001 - Selaginella tamariscina 'Golden Sprite' ('OK Gold')(Plant Delights)



SELA002 - Selaginella tamariscina 'Beni Kujaku'. At the recent open house at Plant Delights we just had to snap this mini, ferny perennial with amazing wine red to maroon markings over the species' normally luxuriant, green foliage. It's been hardy for them in USDA 7b since 2008 but must be keep fairly dry in winter.

SELA003 - Selaginella rupestris 'Bald Knob' - <http://www.plantdelights.com>, accessed 9.10.2016, Fall 2016 Catalog introduction

SELA004 - Selaginella peruviana 'Burnet'. <http://www.plantdelights.com>, accessed 1.16.2016, new for 2016

Sempervivum cultivars are excluded from the OROC program. Refer to cultivar.org for a set of links to the best available checklists and new cultivar catalogs.

Silphium 'Maya' -

Silphium integrifolium 'Stand Up' -

Silphium perfoliatum 'Ja Wadde' -

SISY001 - Sisyrinchium angustifolium SASSY GRASS® - 18 in. tall x wide. Flowers light violet-blue, effectively pale blue. In: Southern Living Plant Collection, intro. 2016.

SISY002 - Sisyrinchium 'Sapphire' - <http://new-worldplants.com/product.php?product=106>, accessed 11.12.2016

SMIL001 - Smilacina stellata 'Blue Dune' (Plant Delights)

SMIL002 - Smilacina japonica 'Snow Dragon' - 12 in. tall. Leaves margined and lightly striped cream to 5-10% surface, this chimera quickly becoming white. USDA 4a hardy or better. [plantdelights.com](http://www.plantdelights.com), accessed 5.26.2015

SMIL003 - Smilacina japonica 'Golden Dragon' - <http://www.shikoku-garden.com/English/indexenglish.htm>, accessed 12.29.2015

SMIL004 - Smilacina japonica 'Dragons Treasure' - <http://www.shikoku-garden.com/English/indexenglish.htm>, accessed 12.29.2015

Solidago stricta 'Sceptre'

Solidago shortii 'Solar Cascade' (Plant Delights)

Solidago ohioensis 'Four Seasons' - 70cm tall in leaf, 100cm tall in flower. Flower head mostly flat, slightly domed, generally a vase-shaped or v-shaped flat-topped corymb with few or no arching or plumose segments, thus similar in aspect to species typical. Web: <http://www.vasteplant.be/catalog/index.cfm?fuseaction=DETAIL&TREFNAAM=SOFSEA>, accessed 11.6.2016

Solidago rigida 'Upright Rod'

Solidago canadensis 'Little Miss Sunshine'

Solidago rigida subsp. humilis 'Golden Rockets' -

SORG001 - Sorghastrum nutans 'Active Volcano' - 60cm tall in leaf, 100cm tall in flower, shorter than many clones. Leaves a mix of orange, gray, pink, dusky red, and amber shades in fall. Selected by Jan Spruyt, [vasteplant.be](http://www.vasteplant.be), accessed 5.16.2015, under their JS® trademark used for many genera. _____

SORG002 - *Sorghastrum nutans* 'Winnetou' - 100cm tall in leaf, 180cm tall in flower. Leaves a mix of brownish-red, green, and violet in fall. Flower much longer than species typical. Selected by Jan Spruyt, vastplant.be, accessed 5.16.2015, under their JS® trademark used for many genera. _____

SORG003 - *Sorghastrum nutans* 'Winnetou's Squaw' - 60cm tall in leaf, 150cm tall in flower. Leaves blue when flowering. Flowers rich brownish-red shades. Selected by Jan Spruyt, vastplant.be, accessed 5.16.2015, under their JS® trademark used for many genera. The ICNCP prohibits offensive names and in popular culture (USA, May 2015) the word "squaw" is considered offensive to some for its historical, pejorative, anatomical meaning in some native tribal languages but it also means "wife" or "soul mate" with much respect. OROC currently accepts this name as cultural meanings are diverse and there is no universal cry to remove use of the term "squaw". The American states of Idaho, Maine, and Montana have opted to remove "squaw" in place and street names.

SORG004 - *Sorghastrum nutans* 'Bantam' - <http://hortsci.ashspublications.org/content/45/3/445.full.pdf+html>

SORG005 - *Sorghastrum nutans* 'Red Spike' - <http://hortsci.ashspublications.org/content/45/3/445.full.pdf+html>

SPIG001 - *Spigelia marilandica* 'Ragin Cajun'. <http://www.plantdelights.com>, accessed 1.16.2016, new for 2016

Stachys thirkei 'Tiny Ears' - <http://new-worldplants.com/product.php?product=119>, accessed 11.12.2016

STACLAM001 - (*Stachys* x *Lamium*) WFL® 'Lilac Falls' - 8-12 in. tall x 20-36 in. wide. Flowers rose-lilac to lilac-lavender, blooming from early spring into autumn, floriferous. Leaves rich green, very rugose as in *Lamium* species. Said to be a bigeneric hybrid.

STIP001 - *Stipa gigantea* 'Lauren's Cold Hardy' - 5-6 ft. tall x 24 in. wide. More cold hardy, proven in USDA 5. Or: Lauren Springer Odden, Fort Collins, Colorado, USA, grown from seed collected in a German botanic garden, proven cold hardy in Fort Collins. So: www.highcountrygardens.com, accessed 5.22.2016

STIP002 - *Stipa trichotoma* 'Palomino' - 40cm tall in flower, in leaf a needle-like cushion of finely-textured, very narrow blades. Flower spikes white, very showy. The originator recommends cutting back to prevent seed sowing and possible invasive nature in some climates. Web: <http://www.jelitto.com/Seed/Ornamental+Grasses/STIPA+trichotoma+Palomino+Portion+s.html>, accessed 11.6.2016, their own seed strain introduction in 2011.

STOK001 - *Stokesia laevis* 'Divinity' (White Flower Farm)

STOK002 - *Stokesia laevis* 'Blue Frills' - 41-46cm tall x 51cm wide, compact. Flower rays violet-blue, center paler to near white, heads 2.5-3.0 in. wide. Superior blooming performance compared to 'Peachies Pick'. Or: Har Stemkens, Syngenta Flowers as hybrid. In: *Blooms of Bressingham*, c. 2016

SYNE001 - *Syneilesis palmata* 'Kikko' ([Plant Delights](http://www.plantdelights.com)) - a spectacular variegate with a cut palmatifid leaf.

Thalictrum urbainii 'Taiwan Baika' - <http://www.shikoku-garden.com/English/indexenglish.htm>, accessed 12.29.2015



Thelypteris glanduligera 'Green Shag'

Thymus is not registered by OROC and we gladly refer all users to <http://www.thymus.co.uk/index1.html> under the very capable ICRA-RHS expert Margaret Easter. Press the Publications tab for access to the existing and new checklists.

Tiarella FOX SERIES™ 'Angel Wings' - 12cm tall x 20cm wide. Leaves green with central dark red mark along the midrib and laterals, covering about 25-30% of surface, not generally reticulate in pattern and extending more than 50% of the lobes in most cases. Or: Vicky and Richard Fox.

Tiarella FOX SERIES™ 'Emerald Ellie' - 40cm tall x 30cm wide. Leaves rich emerald green, central markings of ink black covering about 60-70% of the blade from the center and following closing the primary and second lobe shapes. Or: Vicky and Richard Fox, <http://www.plantagogo.com/Tiarella-Emerald-Ellie-TM-Fox-Series.html>, accessed 10.29.2016

Tiarella cordifolia 'Octoraro' -

Tiarella DIVA-RELLA™ 'FM Mooberry'

Tiarella cordifolia DIVA-RELLA™ 'Sherry Klitto'

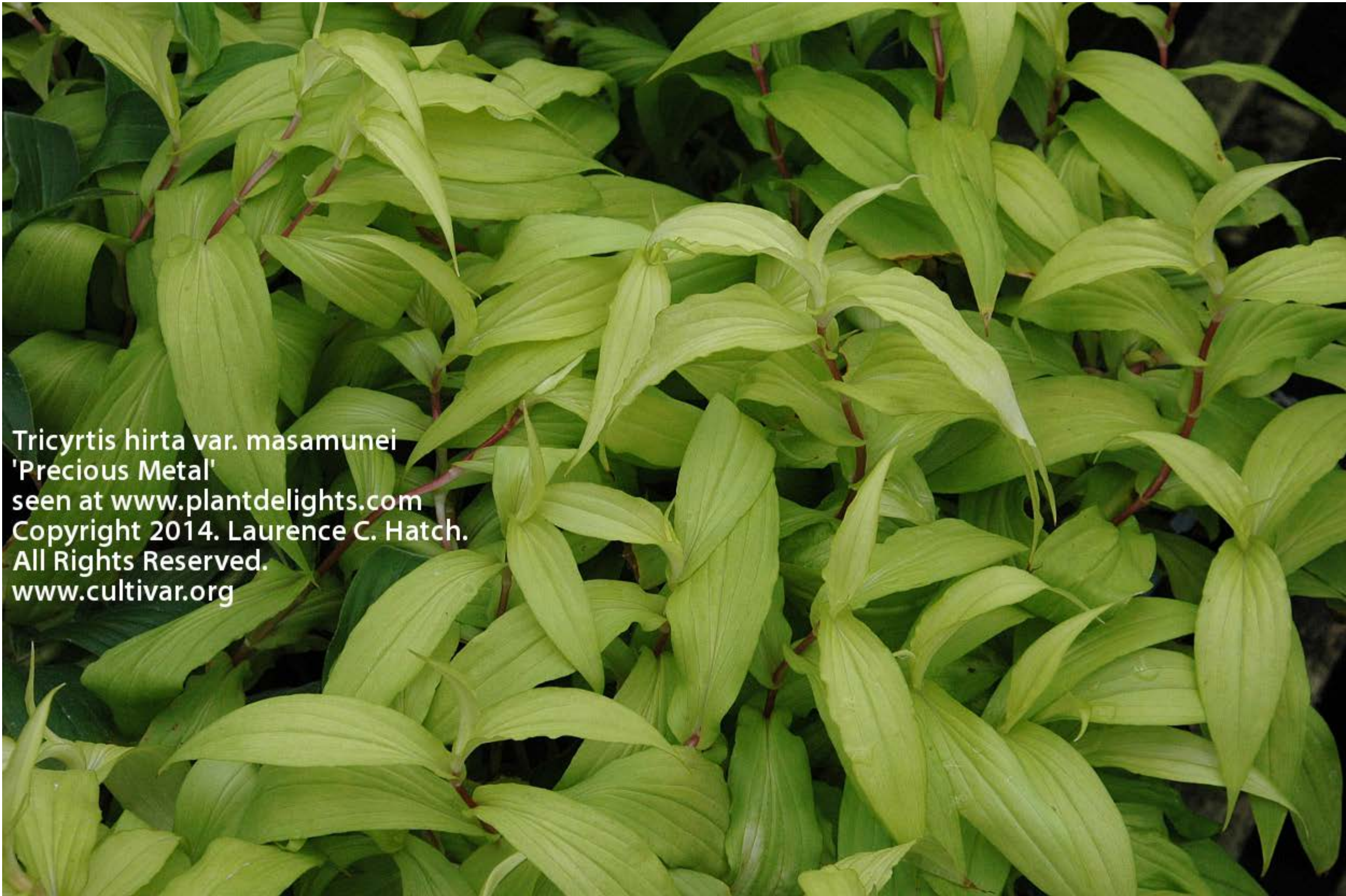
Tiarella cordifolia DIVA-RELLA™ 'Stephanie Cohen'

[TRAD001 - Tradescantia 'Angelic Charm' \(Terra Nova Nurseries\)](#)

[TRAD002 - Tradescantia AMETHYST KISS™ \(North Creek Nurseries\)](#)

TRAD003 - *Tradescantia* 'Charlotte's Web'

TRAD004 - *Tradescantia ohioensis* 'Hoge Jan' -



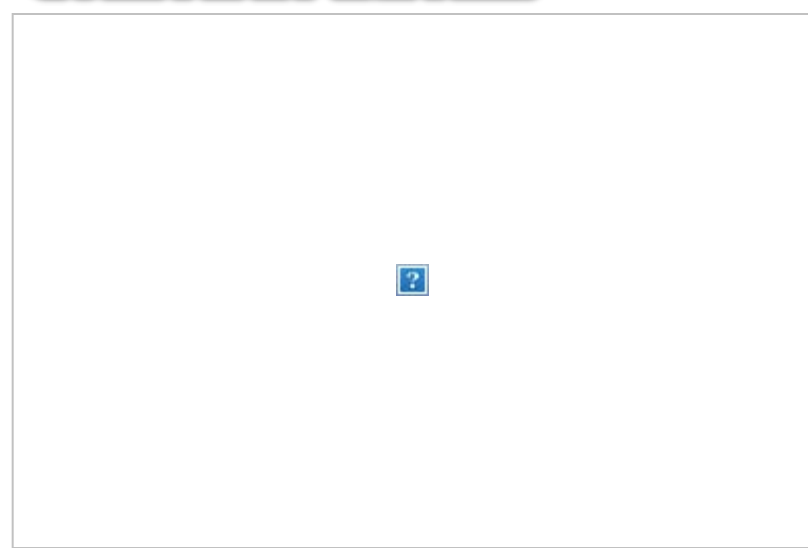
Tricyrtis hirta var. masamunei
'Precious Metal'
seen at www.plantdelights.com
Copyright 2014. Laurence C. Hatch.
All Rights Reserved.
www.cultivar.org

TRIC001 - Tricyrtis hirta var. masamunei 'Precious Metal'. Click to enlarge image to 1250 pixels. Image may be used on OROC data terms if no modification to size or content is made.

Trifolium pannonicum 'White Tiara' - In, ph, so: <http://www.vastepant.be>, accessed 10.23.2016

TRIFOLIUM PANNONICUM 'WHITE TIARA' SERIES: INCLUDING GREEN GLOW, COCO NUT, and RED GREEN GREEN - the GREEN GLOW clone with mint green and dark emerald green is absolutely unique and lovely.

**GENUS CENTRAL
CULTIVAR IMAGE:**



TRIF001 - Trifolium (repens?) 4 LUCK® GREEN GLOW (courtesy of www.green-fuse.com)

Hatch's Perennials is our nomenclatural standard for 131 Trillium cultivars previous published as well as the Trillium Cultivar Gallery at www.plantdelights.com

Trollius 'Lemon Bells' - <http://www.censation.nl/assortment.php>, accessed 11.6.2016

VERB001 - Verbascum chaixii 'Croatian Blood' ([Plant Delights](#))

Verbena bonariensis POMPOUS PURPLE™ - Flowers light purple, spent petals not showing, very long summer bloom period, rebloom when cut back. Like so many selections of this species, detailed comparisons on how they differ from species seedlings usually remains unclear. https://issuu.com/euroamerican365/docs/rs3870_verbena_pompous_purple___, accessed 9.10.2016

VERN001 - *Vernonia angustifolia* 'Plum Peachy' (Plant Delights) - 48 in. tall. Leaves linear (as species), somewhat Amsonia-like before flowering. Flowers in open heads to 8 in wide, dark purple, larger heads than species typical. USDA 5a. Selected by Tony Avent from wild populations near Turner County, Georgia, USA, trailed as A2GA-003B.

VERN002 - *Vernonia* 'Southern Cross' (Intrinsic Perennials) - 36 in. tall x wide. Leaves dark green, 0.5 in. wide, dark green, remaining clean all season. Flower heads purplish-lavender, white filaments, petals very incised and lacy. Intrinsic Perennials from seed of *V. lettermanii*, but a blade much wider, likely an interspecific hybrid, introduced 2013.

VERN003 - *Vernonia altissima* 'Jonesboro Giant' (Plant Delights) - 144 in. tall, large for the genus. Leaves dark green. Flower heads dark purple to rich lilac. USDA 5a. Selected by Tony Avent, [Plantdelights.com](http://www.plantdelights.com) in 2000, found in wild near Jonesboro, Arkansas, USA, notably erect and sturdy while other seedlings there had fallen over due to climate and flower weight. It remains strong in their trials.

VERN004 - *Vernonia crinita* 'Betty Blindeman' - 125cm tall, becoming 160cm tall in flower. Flower corolla purplish-lavender to pale lilac. Selected by Jan Spruyt, [vastepant.be](http://www.vastepant.be), accessed 5.17.2015

VERN005 - *Vernonia noveboracensis* 'White Lightning' - Flower buds greenish-yellow, opening to white to creamy-white rays, not lavender to purple shades as species. Selected by Jelitto.com, accessed 5.2.2015, their own selection, intro. 2014.

VERO001 - 'Blue Bomb' by Graham Rice (RHS, Parkers, new cultivar)

VERO002 - 'Aspire' (Terra Nova Nurseries, commercial website)

VERO003 Veronica 'Very Van Gogh' (Walters Gardens)

VERO004 - *Veronica incana* 'Pure Silver' Intrinsic Perennials, accessed 4.15.2015

VERO005 - *Veronica* 'Hotel California' - 24 in tall in flowers. Leaves green at first, turning red by blooming time and remaining so later, giving a new contrast not normally seen. Flower spikes medium blue. Intrinsic Perennials, introduced 2015.

VERO006 - *Veronica* 'Spike' - 12-15 in. tall in flower, foliage before flowering low, compact. Flower spokes very erect and elongated, medium blue to slightly violet-blue. Said to be improved over 'Royal Candles'. Intrinsic Perennials, intro. 2014.

VERO007 - *Veronica* 'Pure Silver' - 12 in. tall, becoming 15 in. tall or more in flower, plant vigorous, and with improved longevity in borders. Leaves very greenish-silver to pale silver, showy. Flower color sky blue at first, made paler by a silvery calyx and peduncle, opening light violet-blue to medium blue. More adaptable to low drainage conditions than most silver-leaved, ie. *V. incana* cultivars, handling heavy soils and moist, rainy conditions better, higher longevity in borders. Intrinsic Perennials, intro. 2009

VERO008 - *Veronica gentianoides* 'Little Blues' - 15cm tall in flower, very compact. Flower color light blue with darker veins, yellowish center. Selected by Jelitto.com, their own seed strain, intro. 2015.

Veronica longifolia MARIETTA® - 1.1.m tall. Flower corolla rich violet tones, panicle very sharp, long, and narrow.

Veronica 'Blue Skywalker' - 28-30 in. tall x 18-20 in. wide, compact, very dense, erect and not wide as some other clones, suitable for smaller gardens. Flower corolla lavender-blue, medium to pale shade. Leaves dark green. Or: Walters Gardens, intro 2016. In, so: <http://www.perennialresource.com/encyclopedia/view/?plant=2727>, accessed 10.29.2016

Veronica 'Perfectly Picasso' - 22-26 in. tall x 22-24 in. wide, erect-subglobose, dense. Flowers whitish in bud, open rich, medium pink, bicolored effect at times, spikes cover about 1/2 of the top of the plant mass or canopy. Or: Walters Gardens, intro. 2016. In, so: <http://www.perennialresource.com/encyclopedia/view/?plant=2726>, accessed 10.29.2016

Veronica 'Royal Rembrandt'

Veronica MAGIC SHOW® 'Pink Potion'

Veronica MAGIC SHOW® WHITE WANDS - 14-16 in. tall x 16-20 in. wide. Flower color near pure white, floriferous. Leaves dark green, glossy, "better disease resistance than older *Veronica*" (Walters Gardens). Or, in: Walters Gardens, intro. 2015, their own introduction.

Veronica 'Allchoice' - US Patent #27257

Veronica 'Blue Yonder' - 4 in. tall x 10-12 in. wide, forming low mats, groundcover type. Flower spokes rich dark violet-blue, abundant, more floriferous than 'Tidal Pool' and with an inflorescence up to 3x it's size, up to 80 flowers per inflor. and 25-30 inflor. per small container plant. Leaves very dark green, glossy. US Patent #27284 on Oct. 18, 2016 to Karen Lehrer and Kirk Fieseler, both of Laporte Avenue Nursery, Fort Collins, Colorado, USA found there, possibly from *V. liwanensis*, *V. allionii*, or both. Web, in: <http://www.highcountrygardens.com/perennial-plants/veronica/veronica-blue-yonder>, accessed 10.30.2016

Veronica 'Bitter Sweet' - <http://www.censation.nl/assortment.php>, accessed 11.6.2016

CULTIVAR.ORG

Veronica 'Mona Lisa Smile' - www.waltersgardens.com, accessed 7.28.2017

Viola is a genus currently excluded from OROC Registrations.

WOOD001 - Woodwardia unigemmata 'Ping Wu'

WOOD002 - Woodwardia orientalis 'Mamma Mia' (Plant Delights)

YUCC001 - Yucca filamentosa 'Bronze Age' (Walters Gardens, new 2014)

YUCC002 - Yucca linearifolia 'Line Dance' (Plant Delights)

YUCC003 - Yucca lousianensis 'Desoto Blue'. [.http://www.plantdelights.com](http://www.plantdelights.com), accessed 1.16.2016, new for 2016

YUCC004 - Yucca harrimaniae 'Waynes Whorl' - www.plantdelights.com, accessed 7.27.2017, New listing 4.31.2017 per online catalog

YUCC005 - Yucca neomexicana 'Cimmaron' - www.plantdelights.com, accessed 7.27.2017, New listing 4.31.2017 per online catalog

YUCC006 - Yucca elata 'Hidalgo' - www.plantdelights.com, accessed 7.27.2017, New listing 4.31.2017 per online catalog

YUCC004 - Yucca 'Red Rover'. [.http://www.plantdelights.com](http://www.plantdelights.com), accessed 1.16.2016, new for 2016

Bommeria hispida 'Gila Dwarf'. [.http://www.plantdelights.com](http://www.plantdelights.com), accessed 1.16.2016, new for 2016

Orostachys 'Crazy Eddie'. [.http://www.plantdelights.com](http://www.plantdelights.com), accessed 1.16.2016, new for 2016

Salvia azurea 'Little Boy Blue'. [.http://www.plantdelights.com](http://www.plantdelights.com), accessed 1.16.2016, new for 2016

Anemone flaccida 'Suzuka Hime' - <http://www.shikoku-garden.com/English/indexenglish.htm>, accessed 12.29.2015

CULTIVAR.ORG