

In 2013 a group of concerned horticulturists, taxonomists, curators, collectors, plant breeders, growers, and other experts started communicating to discuss the lack of organized, communicative, responsive, proactive, and scholarly cultivar registration among important groups like woody plants, hardy herbaceous perennials, tropical interior plants, and annual bedding plants. Some genera are being handled well but sadly most are not. The Open Registration Of Cultivars (OROC) program was founded, initially hoping to produce registers or catalogs of new cultivars from 2012 onward.

OROC will be 100% free for both registration and data sharing, shareable content for all authors, highly responsive, effective, and with well trained, certified registrars. We are happy to report our initial work has been greeted around the world with praise, relief, and immense passion, resulting in over 78,000 downloads of our woody plant register to more than 80 countries. And we have no idea how many of the free, downloaded copies got distributed again and again. Some of these are being used in college classrooms, extension programs, and other gardening training programs.

Please share this ebook with all your associates, clients, and friends.

We at OROC are thrilled that many of you use our registers to complete your comprehensive plant collections and cultivar trial gardens, making sure you have all the newest, greatest, and latest plant material. "We had no idea how much we were missing" is a frequent comment.

I am delighted that following our successful woody plant plant effort, we can produce his listing of recent and rare hardy perennial cultivars.

Because of the high level of scholarship and communication for certain genera, OROC does not want nor need to "reinvent the wheel" so excludes registrations in Iris, Hemerocallis, Hosta, Lilium, Paeonia, Penstemon, Dianthus, Thymus, and most perennializing bulbous genera. We are working in Canna, Crinum, and hardy Gladiolus.

Since our OROC text data (not images) is 100% free for authors to reuse (see cultivar.org for guidelines and restrictions), this new plant data can be put in your books, blogs, websites, catalogs, tweets, videos, or other form of media to further communicate the wonderful range of shockingly useful and important new perennials.

Updates to this register will be available at www.cultivar.org and Google Play Books. All of our registrars are done in "working document" form which means we often intermediate work products throughout the year so you get the best, latest new cultivar data.

As ever, your comments, corrections, additions, and alternative opinions are welcome and with permission will be added to future updates. We will not use your name, initials, or location without permission. Sometimes the traits, origins, species affinity, parentage, and identification of a new cultivar remains unclear with more than one opinion in existance. We are always happy to present alternative theories with the best evidence afforded to each side; allowing the reader to decide and perhaps bring out even stronger, clearer facts from a worldwide audience.

OROC registers are now cited in academic and peer-reviewed publications as well as plant accession databases. Please use this or a similar format:

Hatch. Laurence C., Mark Summers, and Certified OROC Registrars Group. 2018. International Register of Ornamental Plant Cultivars: Hardy Herbaceous Plants. Fall 2018. Open Registration Of Cultivars (OROC). http://www.cultivar.org. Raleigh, North Carolina.

How can you help?

If you have a new cultivar (introduced after 2012) to share in a future edition please us all the details or a web link to ornamentals@lycos.com

If you would like to give your time directly towards worldwide, free perennial cultivar registration, you can volunteer to become a Certified Cultivar Registrar (CCR) by emailing us. This requires about 12 hours of online training, reading, and an exam. No scientific or special background is required but expertise in a particular genus or two is helpful. We are particularly eager to find a volunteer to take over our Heuchera or Helleborus catalog.

To help financially and keep the register absolutely free worldwide, please visit cultivar.org and subscribe to one or more our Cultivar Databases such as Hatch's Perennials, the massive, 2100 page, very comprehensive PDF encyclopedia of hardy herbaceous cultivars that has taken me and the New Ornamentals team almost four decades to get this far. It wiull never be finished! A true. 50% of the proceeds of these subscriptions are used to support and extend the OROC project.



Larry Hatch Senior Certified Cultivar Registar

A.A.S. SUNY Farmingdale - Ornamental Horticulture/Nursery Management 1980
B.S. Cornell University - Horticulture/Plant Materials and Taxonomy 1982
M.S. North Carolina State University - Horticultural Science/Ornamentals Taxonomy 1984

Hatch's Perennials 2017-2018 is our standard reference for the existing 179 cultivars previously documented in the genus Achillea.

ACHI001 - Achillea DESERT EVE™ DEEP ROSE - https://www.syngentaflowers-us.com, accessed 6.5.2018

Achillea DESERT EVE™ DEEP RED - https://www.syngentaflowers-us.com, accessed 6.5.2018

Achillea DESERT EVE™ DEEP TERRACOTTA - https://www.syngentaflowers-us.com, accessed 6.5.2018

Achillea DESERT EVE™ DEEP YELLOW - https://www.syngentaflowers-us.com, accessed 6.5.2018

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 orangisdh-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 Plnk' - 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 'Ritzy Ruby' - 10-14 in. tall x wide, compact, highly-branched, mounded in foliage, neat compared to older red-rayed clones, flowers earlier than most cultivars in this species, rays rich ruby red aging to pink tones, may repeat later in year, especially if trimmed back or deadheaded. Or: Syngenta Flowers

ACHI014 - Achillea 'Sassy Summer Sangria' - https://www.waltersgardens.com, accessed 3.4.2018

ACHI013 - Achillea 'Sassy Summer Lemon' - https://www.waltersgardens.com, accessed 3.4.2018

ACHI013 - Achillea 'Sassy Summer Taffy' - https://www.waltersgardens.com, accessed 3.4.2018

ACHI014 - Achillea ptarmica 'Peter Cottontail' - https://www.waltersgardens.com, accessed 3.4.2018

ACHI015 - Achillea 'Sassy Summer Sunset' - https://www.waltersgardens.com, accessed 3.4.2018

ACHI016 - Achillea LITTLE MOONSHINE™ 'ACBZ0002' - 12-14 in. tall x 14-16 in. wide, a smaller version of the old 'Moonshine', upright, uniform, moderately vigorous, freely branched, flower heads numerous, larger than original 'Moonshne' (blooming a long period, rays bright yellow, leaves silvery-gray similar to 'Moonshine'. Pat, or: US# 28179 on July 11, 2017 to Henricus Stemkens, The Netherlands, as a cross of A. millefolium and what is called A. millefolium 'Moonshine' in 2007. 'Moonshine' is actually a cross of A. aegyptiaca var. taygetea (popularly A. 'Taygetea') and A. clypeolata so this cannot be a pure A. millefolium.

ACHI017 - Achillea 'Novaachdus' - shorter and more compact than 'Moonshine' leaves silvery-green, flowers early, light yellow, paler than the very bright 'Moonshine'. Pat, or: US# 25838 on August 25, 2015 to Michael Dobres, Philadelphia, Pennsylvania, chance seedling of 'Moonshine'

ACHI018 - Achillea 'Pineapple Mango' - 15-18 in. tall, upright, columnar and mounding, vigorous, well-branched, flower heads numerous, rays pink fading to yellowish shades, producing a number of mango, orangish, salmon, and sunset tones. Pat, or: US#22302 on December 6, 2011 to Wilhelmus Nijssen, The Netherlands, selected as a superior seedling from the 'Siummer Pastels' strain in 2005

Achillea filipendulina 'Hymne' - http://www.bethchatto.co.uk, accessed 5.3.2018

Achillea millefolium 'Milly Rock Rose' - https://www.darwinperennials.com/Products/Plantinfo/?phid=000400928040542

Achillea millefolium 'Milly Rock Red' - https://www.darwinperennials.com/Products/plantinfo/?newvar=1&phid=000400928025549

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' - 18 in. tall, neat, clumping habit, flowers light violet to lavender, bells drooping, elegant.www.planthaven.com, accessed 7.30.2017

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

Aegopodium podagraria 'Gold Marbled' - leaves margined light yellow (not cream to white as common 'Variegata'). In: https://shop.sarastro-stauden.com/de/products/getProduct/12/podagraria, accessed 6.6 2018

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.

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

AGAP007 - 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.

AGAP008 - Agapanthus SUMMER LOVE™ BLUE - http://green-works.nl/en/pot-plants/, accessed 7.30.2017

AGAP009 - Agapanthus 'Neverland' - https://www.google.com/patents/USPP28034

Agapanthus 'Cheneys Lane' - https://www.marchantshardyplants.co.uk, accessed 5.4.2018

Agapanthus 'Findlays Blue' - - https://www.marchantshardyplants.co.uk, accessed 5.4.2018

Agapanthus 'Marchants Cobalt Cracker' - - https://www.marchantshardyplants.co.uk, accessed 5.4.2018

Agapanthus 'Marchants Midnight Blue' - - https://www.marchantshardyplants.co.uk, accessed 5.4.2018

Agapanthus 'Quick Drops - https://www.marchantshardyplants.co.uk, accessed 5.4.2018

Agapanthus INDIGO PRINCESS "BNA01' - US Plant Patent application on February 1, 2018

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

<u>AGAS003</u> 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

AGAS004 - Agastache 'AADPE14-1' - US Plant Patent #28389

AGAS005 - Agastache 'Morello' - http://www.terranovanurseries.com, accessed 3.5.2018, New for 2018

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

AGAV002 Agave x pumila 'Clusterfest' (Plant Delights)

are not





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-greenin 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

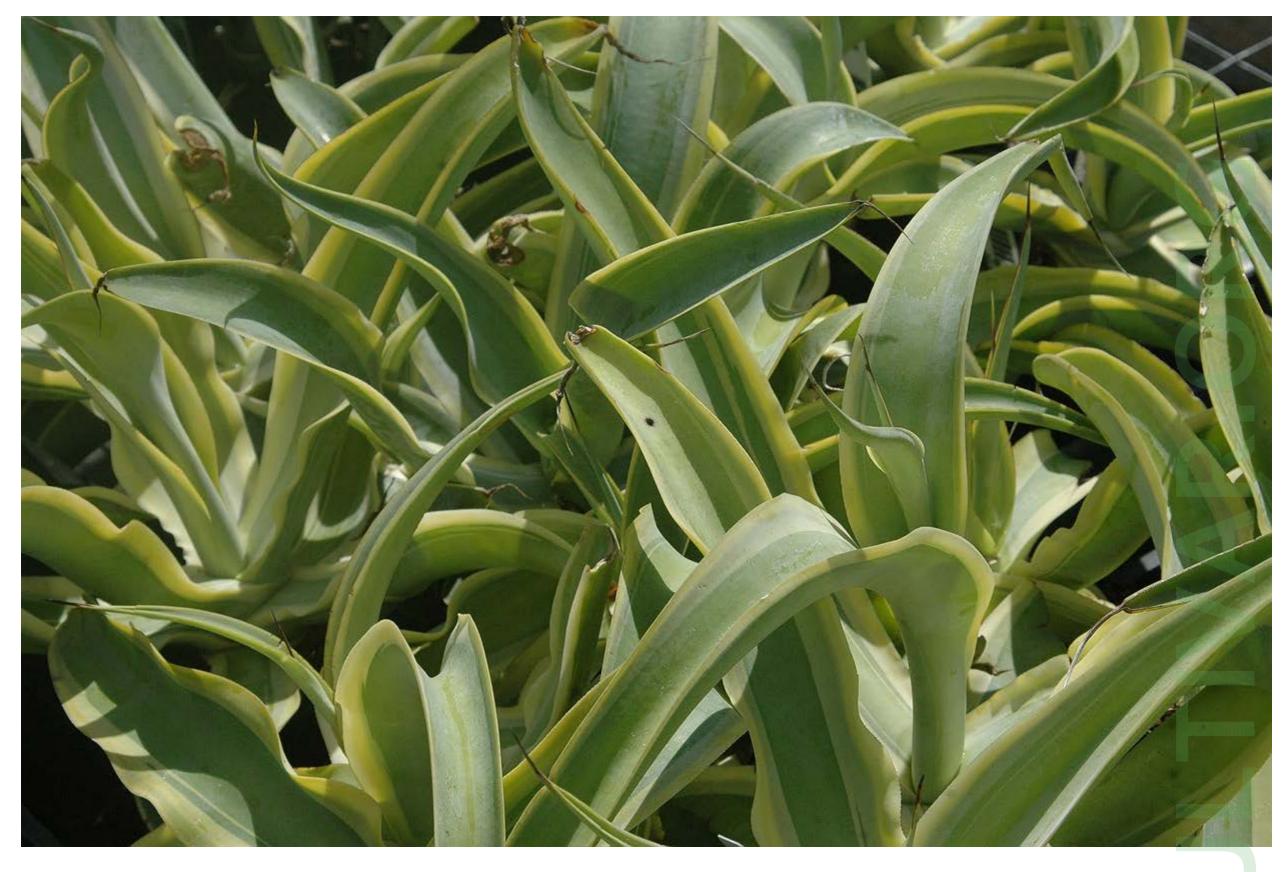
AGAV014 Agave 'Desert Diamond' - 15 in. tall x 18 in. wide, dense, compact, flat-globose with age, sparsely oversetting, slower than parent 'Kissho Kan'. Leaves bluish-green to greyish-green, broadly margined nearly pure white with some striping at about 25-35% surface, spinose teeth rich burnt orange 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



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

AGAV021 - Agave x amourifolia 'Twisted Tongue' - www.plantdelights.com, accessed 3.5.2018

AGAV022 - Agave bracteosa 'Squidget' - www.plantdelights.com, accessed 3.5.2018

AGAV023 - Agave deserti subsp. simplex 'Snow Devil' - <u>www.plantdelights.com</u>, accessed 3.5.2018

AGAV024 - Agave geminiflora 'Leaping Lizards' - www.plantdelights.com, accessed 3.5.2018

AGAV025 - Agave x gracilipes 'Culberson Kids" - www.plantdelights.com, accessed 3.5.2018

AGAV026 - Agave lechuguilla 'El Paso" - www.plantdelights.com, accessed 3.5.2018

AGAV027 - Agave lecuuguilla 'Franklin Mountain' - www.plantdelights.com, accessed 3.5.2018

AGAV028 - Agave Iophantha 'La Bufa Baby' - www.plantdelights.com, accessed 3.5.2018

AGAV029 - Agave murpheyi 'Engard" - www.plantdelights.com, accessed 3.5.2018

AGAV030 - Agave obscura 'Red Skyline' - www.plantdelights.com, accessed 3.5.2018

AGAV031 - Agave ovatifolia 'Killer" - www.plantdelights.com, accessed 3.5.2018

AGAV032 - Agave x ovatisana 'Sea Star" - www.plantdelights.com, accessed 3.5.2018

AGAV033 - Agave x ovatispina 'Blue Rapture' - www.plantdelights.com, accessed 3.5.2018

AGAV034 - Agave x parryantha 'Mazatzal' - www.plantdelights.com, accessed 3.5.2018

AGAV035 - Agave parryi subsp. luachuecensis 'Wakefield' - www.plantdelights.com, accessed 3.5.2018

AGAV036 - Agave parryi subsp. neomexicana 'Culberson Giant' - www.plantdelights.com, accessed 3.5.2018

AGAV037 - Agave x stiphantha 'Band on the Run' - www.plantdelights.com, accessed 3.5.2018

AGAV038 - Agave titanota 'Mean Streak' - www.plantdelights.com, accessed 3.5.2018

AGAV039 - Agave victoriae-reginae 'Golden Surprise' - www.plantdelights.com, accessed 3.5.2018

AGAV040- Agave x victorifolia 'Queens Whalecome' - www.plantdelights.com, accessed 3.5.2018

AGAV041 - Agave schidigera 'Royal Flush' - https://www.waltersgardens.com, accessed 3.4.2018

AGAV042 - Agave titanota SNAGGLE TOOTH™ - https://www.waltersgardens.com, accessed 3.4.2018

AGAV043 - Agave potatorum 'Cherry Swizzle' -leaves 10-18 in. long, typical sharp, numerous spinose teeth in chestnut brown to dark cherry red, terminal spine about 1 inch long, twisted something like a large swizzle stick. In, so: www.smgrowers.com, accessed 6.6.2018. Or: seed strain from a notable plant in the garden of Jiim Prine, Santa Barbara, California, later selected and vegetatively propaged by San Marcos Growers

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

AJUG001 - Ajuga reptens '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, <u>vasteplant.be</u>, accessed 5.16.2015, under their JS® trademark.

AJUG002 - Ajuga tenorii PRINCESS NADIA 'Piotrek01' - 10-15cm tall in flower, 25cm or more wide, leaves margined pink in new tips, becoming margined cream to near white, chimera about 5-25% surface, flowers typical rich blue, numerous. Pat: EU 20172117

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 Fleuroslect Approved Novelty

about 1 inch e, Santa 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, acessed 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. Flowerds lilac. A green-leaved variant of a popularly very blue species and useful for contrasting with such variations.

ALLI008 - Allium 'Lavender Bubbles' - https://www.waltersgardens.com, accessed 3.4.2018

ALLI009 - Allium 'August Asteroids' - www.intrinsicintroductions.com, accessed 6.6.2018

ALLI010 - Allium 'Windy City' - www.intrinsicintroductions.com, accessed 6.6.2018, US PP# 28100

ALLI011 - Allium 'Chivette' - 12-15 in. tall, chive-type aspect, leaves kelly green, aromatic, edible, erect, flowers lavender-purple with darker purple stripe down each petal. www.intrinsicintroductions.com, accessed 6.6.2018, their own selection

AMOR001 - Amorphophallus albus 'Green Stalkings' - 15 in. tall. Leaves glossy green, veined slightly darked, 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 henryi 'O'Henry' - www.plantdelights.com, accessed 7.27.2017, New listing 4.31.2017 per online catalog

AMOR003 - Amorphophallus corrugatus 'Mint Julep'- www.plantdelights.com, accessed 3.5.2018

AMSO001 - Amsonia tabernaemontana 'Stella Azul' - 80-100cm tall. Leaves green. Flower corolla pale blue. Selected by Jan Spruyt, vasteplant.be, accessed 5.16.2015, under their JS® trademark.



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

AMSO006 - Amsonia illustris 'Seventh Inning Stretch' - 36 in. tall, more dense, erect. leaves glossy green, smaller than species typical, flowers typically light blueOr: www.intrinsicintroductions.com, accessed 6.6.2018, new for 2018

AMSO007 - Amsonia 'First Hit' - 24 in. tall, compact, leaves very dark, glossy, stems reddish-purple, showy, flowers light blue. www.intrinsicintroductions.com, accessed 6.6.2018, their own selection

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

ANDR002 - Andropogon hallii 'JS Purple Konza' In, ph, so: http://www.vasteplant.be, accessed 10.23.2016

ANDE003 - Andropogon hallii 'HJS Yellow Konza' - In, ph, so: http://www.vasteplant.be, accessed 10.23.2016

ANDR004 - 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.

ANDR005 - Andropogon glaucopsis 'Liberty Blue' - www.plantdelights.com, accessed 3.5.2018

ANDR006 - Andropogon tenarius 'Black Mountain' - 30-36 in. tall, compact, shorter than some species forms which can each 60 inches, leaves bluish-green, flowers silvery to grayish-white at muturity. Or: Terry Dalton, Curator, North Carolina Arboretum, found in native stand of the species near Black Mountain, North Carolina. So, in: http://hoffmannursery.com/plants/details/andropogon-ternarius-black-mountain, accessed 6.6.2018

Angelica 'Ebony' - leaves dusky purple becoming ebony and green shades, very dark for this genus. So, in: http://www.farreachesfarm.com, accessed 6.7.2018

Anemanthele lessoniana 'Sirocco' - 12-14 in. tall x 22-24 in. wide, habit mounded, most leaves erect to irregularly positioned, "only pink grass from seed", fall colors pink, copper, tawny tan, and other shades, best colors if given good sun. ch: USDA 7a. Or, in: PanAmerican/Kieft Seed, accessed 6.9.2018

ANEM001 - Anemone flaccida 'Suzuka Hime' - http://www.shikoku-garden.com/English/indexenglish.htm, accessed 12.29.2015

ANEM002 - 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 then 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

Anemone 'Sweetly'- https://www.waltersgardens.com, accessed 3.4.2018

Anemone hupehensis PINK SAUCER™ - Highly uniform from seed production, 12-15 in. tall x 8-10 in. wide, corolla medium pink, apex and margins paler, stamens bright gold, showy. Seed strain, blooming the first year from seed. https://www.syngentaflowers-us.com, accessed 6.5.2018

Anemone hupehensis 'APANFARRH' - 38cm tall, upright, compact, moderately vigorous, flowers early, numerous (more so than parent 'Diana'), single, reddish-purple, dense inflorescence. Pat, or: US#28799 on December 26, 2017 to Yoshihiro, Kanazawa, Japan as hybrid in 2011 involving 'Dlana' and an unnamed selection

Anthriscus sylvestris 'Going For Gold' (Golden Leaved Cow Parsley) - foliage bright yellow. In, so: www.cgf.net, also www.monksilvernursery.co.uk, accessed 3.12.2018

Arachnis glabrata 'PP-1' - an ornamental peanut, perennializing, low maintenance, flowers yellowish-orange, leaves dark green, Pat, or: https://www.google.com/patents/USPP27536

ARGE001 - Argemone albiflora var. albiflora 'Coker' - www.plantdelights.com, accessed 3.5.2018

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, lowa.

ARME001 - 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".

ARME002 - 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".

ARME003 - Armeria DREAMARIA® 'Dream Weaver' - https://www.darwinperennials.com/Products/plantinfo/?newvar=1&phid=006108082011136

ARME004 - Armeria DREAMARIA® 'Dreamland' - https://www.darwinperennials.com/Products/plantinfo/?newvar=1&phid=006108082001576

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

Artemisia lactiflora 'Weisse Dame' (translation: 'White Lady') - 60 in. tall, flowers white, numerous.

Artemisia absinthium 'Silverado' - www.jelitto.com, accessed 6.6.2018, introducted in 2018

n nice pale to bluish-troduced 2016.





ARTH001 - Arthropdium 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.

Arum maculatum 'Bakovci' - leaves very undulate, massive central yellow chimera (75-90% of blade surface), dark green margins. https://edelweissperennials.com/arum-maculatum-bakovci, accessed 6.7.2018

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 panicl; es 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 hab it.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, should be given a distinct, valid name.



'Chantilly Lace'. Image courtesy of www.provenwinners.com

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

Arunus 'Fairy Hair'- https://www.waltersgardens.com, accessed 3.4.2018



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)

ASAR004 - Asarum nobilissimum 'King Kong' (Plant Delights, new 2015)

ASAR005 - Asarum asperum 'Silver Creek' - www.plantdelights.com, accessed 3.5.2018

ASAR006 - Asarum campaniflorum 'Leprechuan' - www.plantdelights.com, accessed 3.5.2018

ASAR007 - Asarum forbesii 'Venus' - www.plantdelights.com, accessed 3.5.2018

ASAR008 - Asarum porphyrononotum var. atrovirens 'Internet' - www.plantdelights.com, accessed 3.5.2018

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 Bombsell' - 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.

Aster novi-belgii BELIEVER™ PURPLE - https://www.syngentaflowers-us.com, accessed 6.5.2018

Aster novi-belgii DAYDREAM™ LAVENDER - https://www.syngentaflowers-us.com, accessed 6.5.2018

Aster novi-belgii DAYS™ BLUE - https://www.syngentaflowers-us.com, accessed 6.5.2018

Aster novi-belgii DRAGON™ BLUE - https://www.syngentaflowers-us.com, accessed 6.5.2018

Aster novi-belgii HAZY™ DARK PINK - https://www.syngentaflowers-us.com, accessed 6.5.2018

Aster novi-belgii HENRY™ BLUE - https://www.syngentaflowers-us.com, accessed 6.5.2018

Aster novi-belgii HENRY™ PURPLE - https://www.syngentaflowers-us.com, accessed 6.5.2018

Aster novi-belgii HENRY™ PINK - https://www.syngentaflowers-us.com, accessed 6.5.2018

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 bronzish-purple, petioles more dark purplish-red to violet-red.

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

ASTI003 - <u>Astilbe 'New Wave'</u> - 50-60 cm tall x wide, quick-multiplication of clump. Flower and inflorescence uniformly light pink throughout, a very consistant 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 glopssy 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® - 14 in. tall, compact habit, flowers medium, glossy pink on red stems, late season, panicle arching, leaves dark green, inicsed. 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' - 45 in. tall, vigorous, unusually tall for this genus, flowers magenta-red to dark velvety reddish-pink, leaves incised, dark green tinged brown to red, showy. 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

Astilbe 'Smile at Me' - https://www.devroomen.com, accessed 6.5.2018

Astilbe 'Look at Me' - https://www.devroomen.com, accessed 6.5.2018

Astilbe 'Spotlight' - 16 in. tall, flowers early season, light pink from darker buds, reddish-pink pedicels, leaves very glossy, very dark green tinged purple above and below. https://www.devroomen.com, accessed 6.5.2018

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.

Astrantia 'Bright and Breezy' - https://www.ashwoodnurseries.com, accessed 5.4.2018

Astrantia 'Can Candy' - https://www.ashwoodnurseries.com, accessed 5.4.2018

Astrantia major 'Midnight Oil' - http://www.burncoose.co.uk, accessed 5.4.2018

Astrantia 'Whirling Dervish' - https://www.ashwoodnurseries.com, accessed 5.4.2018

<u>ATHY001 - Athyrium niponicum 'Joy Ride'</u> - 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 <u>'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 morohology.</u>

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)

<u>BAPT004 Baptisia</u> 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. Waltersgerdens.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 Baptsia minor var. minor.

<u>BAPT014 - Baptisia 'Really Blue'</u> - 48 in. tall x 36-48 in. wide, corolla rich, deeper "Baptisia blue" than most clones. Or, in: www.songparrow.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.songparrow.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

BAPT019 - Baptisia 'Blue Candelabra' - www.plantdelights.com, accessed 3.5.2018

BAPT020 - Baptisia 'Cinnamon Candles' - <u>www.plantdelights.com</u>, accessed 3.5.2018

BAPT021 - Baptisia 'First Blush' - www.plantdelights.com, accessed 3.5.2018

BAPT022 - Baptisia 'Dark Chocolate' - https://www.waltersgardens.com, accessed 3.4.2018

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 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 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 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.

BOMM001 - Bommeria hispida 'Gila Dwarf'. .http://www.plantdelights.com, accessed 1.16.2016, new for 2016

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

Bouteloua gracilis 'Pestana de Angeles' - 6 in. tall, leaves greyish-green, flowers numerous, "like small purple flags". In, so: www.smgrowers.com, accessed 6.6.2018. Or: John Greenlee and Scott Ogden found near Baldwin Lakes, in San Bernardino County, California in 2014. The species has a widespread distribution and this one is thought to be more reliable as a Southern California plant. Ns: this species is sometimes assigned to the name Chondrosum gracilis by taxonomists.

BRIZ001 - Briza media 'Wasserrauen' - www.overdam.dk, accessed 6.6.2018

BRIZ002 - Briza media 'Russells' - www.overdam.dk, accessed 6.6.2018

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.

BRUN003 - Brunnera ALCHEMY™ SILVER- http://www.terranovanurseries.com, accessed 3.5.2018, New for 2018

BRUN004 - Brunnera macrophylla 'Golden Jack Frost' - http://www.burncoose.co.uk, accessed 5.4.2018

CALA001 - Calamintha 'Marvelette Blue' - https://www.waltersgardens.com, accessed 3.4.2018

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 persicifolia TAKION© BLUE - Or, in: www.takiiseed.com, accessed 6.6.2018

Campanula persicifolia TAKION© WHITE - Or, in: www.takiiseed.com, accessed 6.6.2018

Campanula lactiflora 'Marchants Nimbus' - https://www.marchantshardyplants.co.uk, accessed 5.4.2018

Campanula 'PKM06' - US Plant Patent application on April 5, 2018

Campanula 'PKM07' - US Plant Patent application on April 5, 2018

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

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

CANN001 - Canna 'Fire Dragon' (Plant Haven)

<u>CANN002 - Canna 'Chocolate Sunrise'</u> (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. Ns: it should be noted that in the United States the name CannaSol™ is a trademarked

name for a line of Cannabis clones and products, not related to these Dutch Canna offerings.

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

Canna 'Longwood Simply Salmon' - USPP application May 3, 2018

Cardamine heptaphylla 'Big White'

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

<u>CARE002 - Carex siderostica 'Snow Cap' (Wayside Gardens)</u>. 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.vasteplant.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

CARE013 - Carex comans 'Amazon Mist' - www.plantdelights.com, accessed 3.5.2018

CARE014 - Carex cumberlandensis 'Jacksboro' - www.plantdelights.com, accessed 3.5.2018

CARE015 - Carex 'Pinkie' - www.plantdelights.com, accessed 3.5.201

CARE016' - Carex speciosa 'Vulkan' www.overdam.dk, accessed 6.6.2018

CARE017 - Carex pilosa 'Copenhagen' - www.overdam.dk, accessed 6.6.2018, as 'Copenhagen Select', revisded here as "select" is not valid as part of a cultivar name

CARE018 - Carex testacea 'Prairie Fire' - 12-24 in,. tall x wide, low cascading mound as species, leaves olive green, tinged bright orange to amber gold, bright and more numerous pigmentation than species

CARE019 - Carex comans 'Phoenix Green' - 20-24 in. tall x 16-20 in. wide, erect, outer leaves arching outward, not generally cascading or flopping down, leaves bright green, often olive green to yellow-green, suitable for contrast with other shades of grasses.Or, in: PanAmerican/Kieft Seed. Ch: USDA 6a. Ns: the registered trademark name ColorGrass® is not registered here and as it is applied to more than one genus, is considered a Multi-generic marketing name and not a taxonomic unit equivalent to a cultivar group.

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, 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 Iyonii 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 Lenties 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.

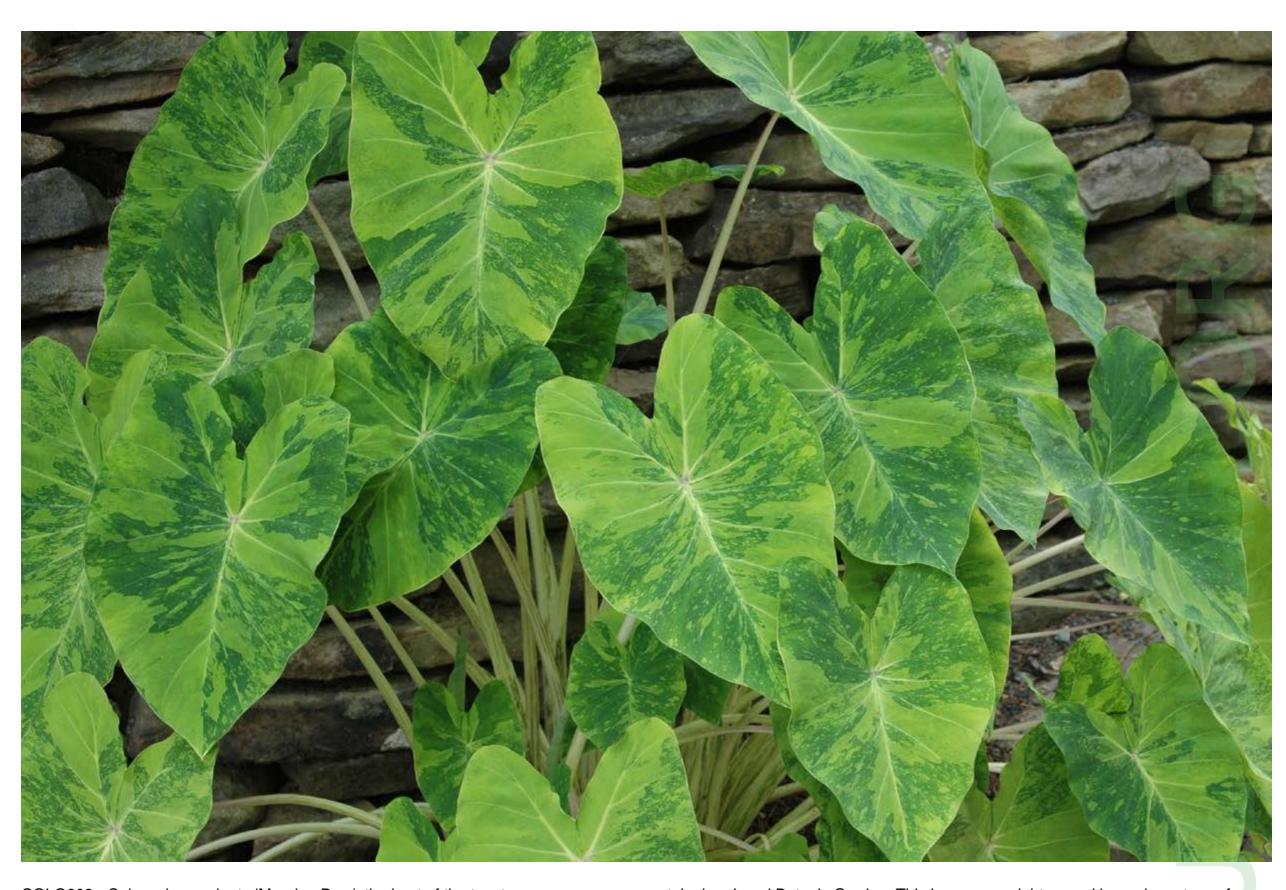
CLEM001 - Clematis recta 'Midnight Masquerade' (Edelweiss Perennials), their own introduction

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 attachement 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, slected 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 superflous. That said, the originators website and that of Plant Noveau 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

COLO015 - Colocasia 'Smiley Face' - www.plantdelights.com, accessed 3.5.2018

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

Coreopsis 'Red Hot Vanilla' - https://www.waltersgardens.com, accessed 3.4.2018

Coreopsis 'Sassy Saffron' - https://www.waltersgardens.com, accessed 3.4.2018

<u>CORT001 - Cortaderia selloana 'Blue Bayou' (Hoffman Nurseries)</u> - foliage distinctly blue to bluish-green. Plant we have seen in light shade are not very blue nor impressive, some others in stronger sun are slightly blue, somewhat distinct but no blue fescue by any means.

<u>CORT002 - Cortaderia pilosa var. minima 'Plume Delight' (Plant Delights)</u> - 42 in. tall in leaf, 72 in. in flower. Flowers up to a month before C. selloana (Raleigh, North Carolina). Leave 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. <u>US Plant Patent #19015</u> 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.

CORT009 - Cortaderia selloana 'Pink Phantom' - leaves broadly margined yellow to yellowish-cream, up to 20-35% surface, floral plumes pink. Thought to be a the first variegated pampas with rose-colored flowers. In: http://www.musthaveperennials.com/varieties/cortedaria-pink-phantom/, accessed 6.5.2018

CORT010 - Cortaderia selloana Pumila Group - based on 'Pumila', this group of dwarf, shorter cultivars was published by the RHS in: https://apps.rhs.org.uk/planttrials/TrialReports/Cortaderia%202009.pdf

CORT011 - Cortaderia selloana 'Highfield Pink' - 3.6m tall x 3.2m wide, floral panicles elegant, informal, feathery and pendulous, not erect nor formal, silvery-grey tinged yellow, up to 60cm long. Aw: RHS AGM 2009, see trial report link above.

CORT012 - Cortaderia selloana 'Patagonia' - 2.4m tall x 1.5m wide, floral panciles erect, compact, fairly form, silvery-gray tinged yellow to tan, up to 37cm long each, generally a neat ellipsoidal to conical head. Aw: RHS AGM 2009, see trial report link above

CORT013 - Cortaderia selloana 'Cool Ice' - leaves margined cream to white, silvery look overall. In: Europe before 2009, not known in the US trade by 2018.

CORY001 Corydalis BLUE LINE® 'Couriblue' (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

CRIN003 - Crinum 'Roger Croker Memorial' - www.plantdelights.com, accessed 3.5.2018

CROC001 - Crocosmia 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 - Crocosmia 'Peach Sunrise' - http://www.new-worldplants.com/product.php?product=161, accessed 11.12.2016

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

Crocosmia 'Okavango' - stems robust, thick, stronger, flowers larger than normal, blends of orangish-red, coral-red, vermillion-red, and similar tones, throats gold, bicolored these pigments and gold when in bud. Or: Bob Brown, Cotswold Garden Flowers. So, in: http://www.farreachesfarm.com, accessed 6.7.2018

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

CYCL001 - Cyclamen hederifolium 'Silverado' - www.plantdelights.com, accessed 3.5.2018

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 - Dasylirion 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 OPAL

Delosperma JOD ROSEQUARTZ

Delosperma JOD PERIDOT -

Delosperma JOD TOPAZ -

Delosperma 'Alan's Apricot'

Delosperma 'Red Mountain Flame'

Delosperma (Wheels of Wonder Group) GOLDEN WONDER 'WOWD20111' - rays few, oblanceolate, mostly medium yellow to light gold, center mostly light yellow so very much a uniform gold or yellow look. Or: Koichiro Nishikawa, FlorSalka, Ecuador, as hybrid, www.delosperma.com

Delosperma (Wheels of Wonder Group) HOT PINK WONDER

Delosperma (Wheels of Wonder Group) ORANGE WONDER

Delosperma (Wheels of Wonder Group) VIOLET WONDER

Delosperma (Wheels of Wonder Group) WHITE WONDER

Delosperma (Wheels of Wonder Group) FIRE WONDER

Delosperma GRANITA™ 'Raspberry Ice' - http://plantselect.org/, accessed 5.3.2018

Delosperma 'Orange Crush'- flower rays orange, otherwise as the parent 'Fire Spinner' from which it sported. www.intrinsicintroductions.com, accessed 6.6.2018, new for 2018

Delphinium is a genus noted registered by OROC. Please refer to the RHS Horticultural Database and specialist catalogs for new cultivar information: https://www.rhs.org.uk/plants/plantsmanship/plant-registration/Delphinium-cultivar-registration

DENT001 - Dentaria diphylla 'Bama Jama' (Plant Deligts) - 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. Plantdelilghts.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.

DENT003 - Dentaria 'Green Snowflake' - https://www.plantdelights.com/collections/plants-that-start-with-d/products/dentaria-green-snowflake

Dianella 'Lime Splice' - 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

Dianella revoluta COOLVISTA™ 'Allyn-Citatoin' - compact, dense-clumping, stiff, neat erect, leaves bluish-green to bluish-gray, flowrers medium blue and yellow. Pat: EU 38076.

Dianthus - 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: https://www.rhs.org.uk/plants/plantsmanship/plant-registration/dianthus-cultivar-registration



<u>DICE001</u> - 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.

<u>DICE002</u> - Dicentra 'Fire Island' (Walters Gardens, available 2015)

DICE003 - Dicentra 'Sulphur Hearts' (PlantariUM)

Dicenta eximia 'Sally Dods'

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.

Dicentra spectabilis 'White Gold' - Leaves "soft, golden to yellow green", flowers white (unlike 'Gold Heart') Pat, or: US# 27638 on January 31, 2017 to Margaret and James Dalton, Middle Grove, New York, as chance in that same town 2010.

Dicentra 'Love Hearts' (D. peregrina x D. oregona) - upright-outwardly spreading, more vigorus than D. peregrina, flowers "light yellow green to white-colored...purple to greyed-red-colored apices" (US Patent), floriferous, peduncles more erect than 'Ivory Hearts', leaves darker than 'Ivory Hearts'. Pat, or: US#26565 on March 29, 2016 to Henrik Zetterlund, Gotenborg, Sweden, hybrid made in 2002, selected in 2004.

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 light 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

DISP004 - Disporum bodinieri 'Shina-notsuki' - https://www.edelweissperennials.com/disporum-bodinieri-shina-no-tsuki

https://www.edelweissperennials.com/disporum-smilacinum-ki-no-tsukasa

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

<u>DRYO001 - Dryopteris labordei 'Golden Mist' (Plant Delights)</u> - a strangely pretty ferm with glossy, golden new foliage.

ECHE001 - Echeandia chandleri 'Sierra Chiquita' - www.plantdelights.com, accessed 3.5.2018

ECHE002 - Echeandia texensis 'Loma del Potrero Cercado' - www.plantdelights.com, accessed 3.5.2018

ECHI001 - Echinacea CARA MIA ROSE

ECHI002 - 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

Echinaea 'Pink Fascinator'

Echinacea 'Playful Meadow Mama'

Echinacea 'Innocent Meadow Mama'

Echinacea 'Fiery Meadow Mama'

Echinacea 'Laughing Meadow Mama'

Echinacea 'Sweet Meadow Mama'

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

Echinaea 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

Echinaea BUTTERFLY™ 'Julia' - Or: AB Cultivars

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

Echinaea BUTTERFLY™ 'Postman' - Or: AB Cultivars

Echinaea BUTTERFLY™ 'Purple Emperor; - Or: AB Cultivars

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

Echinaea 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

Echinacea 'Atomic Orange' - https://www.waltersgardens.com, accessed 3.4.2018

Echinacea KISMET® RED - http://www.terranovanurseries.com, accessed 3.5.2018, New for 2018

Echinacea KISMET® YELLOW - http://www.terranovanurseries.com, accessed 3.5.2018, New for 2018

Echinacea PRIMA ® CINNAMON - http://www.terranovanurseries.com, accessed 3.5.2018, New for 2018

Echinacea PRIMA ® RUBY - http://www.terranovanurseries.com, accessed 3.5.2018, New for 2018

Echinacea PRIMA ® GINGER - http://www.terranovanurseries.com, accessed 3.5.2018, New for 2018

Echinacea SOMBRERO® GRANADA GOLD 'Balsomold' - http://www.darwinperennials.com, new for 2018

Echinacea purpurea 'Mellow Yellows" - www.jelitto.com, accessed 6.6.2018, introducted in 2018

Echinacea purpurea 'Prairie Blaze Golden Yellow' - "first Echinacea with pure golden yellow color", apparently refer to seed strains only, strongly branched, rays pure medium yellow to golden-yellow, disk greenish-brown to greenish-yellow, early to bloom. aw: Fleuroselect Novelty 2017. Or: Syngenta Flowers.

ECHINO001 - Echinodorus bracteatus 'Lantau Lady' - www.plantdelights.com, accessed 3.5.2018

ECHINO002 - Echinodorous cordifolius 'Tropica Marble Queen' - www.plantdelights.com, accessed 3.5.2018

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

Eleocharis tuberculosa 'Maple Hill' - 10 in. tall x 3.5 ft. wide, clumping, evergreen, cascading, mop-like grass or Carex-type form, terminal of his leaf with with cone-like flower. USDA 6a. www.plantdelights.com, accessed 6.5.2018, May 25, 2018 introduction, collected by PDN in 2013 near Maple Hill, North Carolina.

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 myrianthyum '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'

Epimedium grandiflorum 'Benedicts Violet' - http://www.epimedium.com, accessed 6.5.2018

Epimedium grandiflorum 'French Braid' - http://www.epimedium.com, accessed 6.5.2018

Epimedium sagittaum 'Warlord' - http://www.epimedium.com, accessed 6.5.2018

Epimedium grandiflorum var. violaceum 'Bronze Maiden' - http://www.epimedium.com, accessed 6.5.2018

Epimedium davidii 'Emerald Sheen' - http://www.epimedium.com, accessed 6.5.2018

with cone-like flower.

Epimedium 'Peachie' <u>www.plantdelights.com</u>, accessed 3.5.2018

Epimedium x grandiflorum 'White Winkie' - https://www.marchantshardyplants.co.uk, accessed 5.4.2018

Epimedium 'Marchants Twin Set'- - https://www.marchantshardyplants.co.uk, accessed 5.4.2018

<u>EQUI001 - Equisitum giganteum 'El Tabacal' (Plant Delights)</u> - 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.



EUCO001 - 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.

EUCO002 - Eucomis 'African Night' - https://www.waltersgardens.com, accessed 3.4.2018

EUCO003 - Eucomis 'Safari Adventure' - https://www.waltersgardens.com, accessed 3.4.2018

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

EUPA002 - <u>Eupatorium perfoliatum 'Witte Wolken'</u> - 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 <u>www.intrinsicperennialgardens.com</u>, intro. 2014, accessed 1.16.2016

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

EUPA006 - Eupatorium purpureum EUPHORIA® RUBY - https://www.darwinperennials.com/Products/plantinfo/?newvar=1&phid=025905971004796

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

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 forrmer staff member Al Glen, intro. 2016

EUPH002 - Euphorbia 'Grey Hedgehog' - http://new-worldplants.com/product.php?product=49, accessed 11.12.2016

EUPH003 - Euphorbia characias 'Galaxy Glow' - 20 in. tall x wide, leaves tinged pink at first, flowers green becoming a subtle but showy coral-pink to pinkish-orange. Pat: US# 28761.

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 thoughout 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

Festuca 'Freedom Fire' - http://hortsci.ashspublications.org/content/52/6/925.extract

Festuca 'Francy' - http://hortsci.ashspublications.org/content/52/6/925.extract

Festuca 'Vida' - http://hortsci.ashspublications.org/content/52/6/925.extract

Festuca 'Heidi'- http://hortsci.ashspublications.org/content/52/6/925.extract

Festuca 'Kim' - http://hortsci.ashspublications.org/content/52/6/925.extract

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.

tiary leaves a rich



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.

FRAG002 - Fragaria BERRIED TREASURE™ RED - https://www.waltersgardens.com, accessed 3.4.2018

FRAG003 - Fragaria BERRIED TREASURE™ PINK https://www.waltersgardens.com, accessed 3.4.2018

FRAG004 - Fragaria 'Summer Breeze Deep Rose' - flowers semi-double with extra petals for longer bloom period, rich pinkish-red to light red color, somewhat like the better red-flowered Potentilla, fruit edible. http://www.abz-strawberry.nl/en/products/bedding-plants/summer-breeze, accessed 6.9.2018

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

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

GAIL007 - Gallardia 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

GAUR003 - Gaura lindheimeri 'Cool Breeze" - www.jelitto.com, accessed 6.6.2018, introducted in 2018

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 hightly 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

Gentiana septemgida var. lagoechiana 'Bella Alpinella'' - www.jelitto.com, accessed 6.6.2018, introducted in 2018

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

GERA002 - Geranium cinereum JOLLY JEWEL SILVER 'Noortjjsil' - 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-noortjjsil-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 possibilty 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 pratenmse '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

Geranium 'Elworthy Eyecatcher' - 60cm tall, flowers 4cm wide, rich magenta pink, dsarker violet-red to dark pink venation, showy black stamens, very long bloom period, leaves matt green tinged with faint darker markings at times, veins often paler green. Or: Jenny Spiller, Elworthy Cottage Plants, http://www.elworthy-cottage.co.uk/, accessed 6.6.2018, England, 2001, probably a cross of G. endressii x G. wallichianum.

Geranium 'Crane Dance' - https://www.waltersgardens.com, accessed 3.4.2018

Geranium 'Boom Chocolatta' - https://www.waltersgardens.com, accessed 3.4.2018

Geranium sanguineum 'Blushing Turtle' - In http://www.musthaveperennials.com/varieties/geranium-blushing-turtle/, accessed 6.5.2018

Geranium 'Deux Fleurs' - - https://www.ashwoodnurseries.com, accessed 5.4.2018

Geranium x oxonianum 'Frans Star' - 30cm tall x 40cm wide, flowers semi-double, narrow petals for star-like effect, rich rose-pink to light magenta, darked venation, leaved medium green, darker markings Or, in: Crug Farm before 2016. web: http://www.hardy-plant.org.uk/index.php?route=/plants/list/conservation&plantid=P195, accessed 6.9.2018

Geum - Hatch's Perennials 2017-2018 is our official document with descriptions of more than 193 different Geum cultivars.

HATCH'S PERENNIALS 2917-2918 EDITION BY LARRY HATCH



CULTIVAR. PRO EBPPK



<u>GEUM001</u> 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

GEUM012 - Geum 'Apricot Pearl' - http://www.censation.nl/assortment.php, accessed 11.6.2016.

GEUM013 - Geum 'Coral Pearl' - http://www.censation.nl/assortment.php, accessed 11.6.2016.

GEUM014 - Geum 'Lipstick' - http://www.censation.nl/assortment.php, accessed 11.6.2016.

GEUM015 - Geum 'Pink Fluffy' - http://www.censation.nl/assortment.php, accessed 11.6.2016.

GEUM016 - Geum 'Two Tone Pearl' - http://www.censation.nl/assortment.php, accessed 11.6.2016.

GEUM017 - Geum TEMPO™ ORANGE - http://www.terranovanurseries.com, accessed 3.5.2018, New for 2018

GEUM018 - Geum 'Cherry Bomb' - 10 in. tall x 12-15 in. wide, stems maroon, flowers sterile, semi-double, "between grenadine and vermillion red fade to cherry pink", leaves green, pubescent. www.intrinsicintroductions.com, accessed 6.6.2018, their 2018 introduction

GEUM019 - Geum 'Top Shelf Margarita' - 15-18 in. tall, flowers semi-double, clear, bright yellow, leaves dark green, contrasting well with the petal color, "reliable rebloom on almost of the plants". www.intrinsicintroductions.com, accessed 6.6.2018, their own 2018 introduction

Geum 'Copper Pennies' - 30cm, stems dark reddish-brown. Flower buds colored as the stems, opening coppery-orange. http://east-of-eden-nursery.co.uk/geums/, accessed 10.29.2017

Geum 'Cotton Candy' - http://east-of-eden-nursery.co.uk/geums/, accessed 10.29.2017

Geum 'Country Rock' - http://east-of-eden-nursery.co.uk/geums/, accessed 10.29.2017

Geum Cream Crackers' - http://east-of-eden-nursery.co.uk/geums/, accessed 10.29.2017

Geum 'East of Eden' - http://east-of-eden-nursery.co.uk/geums/, accessed 10.29.2017

Geum 'Eden Rising' - http://east-of-eden-nursery.co.uk/geums/, accessed 10.29.2017

Geum 'Eden Valley Angel' - http://east-of-eden-nursery.co.uk/geums/, accessed 10.29.201

Geum 'Eden Valley Elf' - http://east-of-eden-nursery.co.uk/geums/, accessed 10.29.2017

Geum 'El Wano' - http://east-of-eden-nursery.co.uk/geums/, accessed 10.29.2017

Geum 'Emmylou' - http://east-of-eden-nursery.co.uk/geums/, accessed 10.29.2017

Geum 'Emory Quinn' - http://east-of-eden-nursery.co.uk/geums/, accessed 10.29.2017

Geum 'Harvest Moon' - http://east-of-eden-nursery.co.uk/geums/, accessed 10.29.2017

Geum 'Hearts of Amber' - http://east-of-eden-nursery.co.uk/geums/, accessed 10.29.2017

Geum 'Lipstick Sunset' - http://east-of-eden-nursery.co.uk/geums/, accessed 10.29.2017

Geum 'McClure's Magic' - http://east-of-eden-nursery.co.uk/geums/, accessed 10.29.2017

Geum 'Poco' - http://east-of-eden-nursery.co.uk/geums/, accessed 10.29.2017

Geum 'Prairie Dancer' - http://east-of-eden-nursery.co.uk/geums/, accessed 10.29.2017

Geum 'Cumbrian Candy' - http://east-of-eden-nursery.co.uk/geums/, accessed 10.29.2017

Geum 'Cumbrian Cheddar' - http://east-of-eden-nursery.co.uk/geums/, accessed 10.29.2017

Geum 'Cumbrian Cherrypie' - http://east-of-eden-nursery.co.uk/geums/, accessed 10.29.2017

Geum 'Cumbrian Crean' - http://east-of-eden-nursery.co.uk/geums/, accessed 10.29.2017

Geum 'Custard Tart' - http://east-of-eden-nursery.co.uk/geums/, accessed 10.29.2017



Gladiolus - for information on cold hardy glads to USDA 6-7 please visit The Hardy Gladiolus Project of Cultivar.org at http://members.tripod.com/~Hatch_L/hp18_glad.pdf

GYPS001 - Gypsophila repens 'Red Neck' (Edelweiss Gardens), their own introduction

GYPS002 - Gypsophila SUMMER SPARKLES® - http://green-works.nl, accessed 7.30.2017

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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.

HAKO002 - Hakonechloa macra 'HABsf1007' - https://www.google.com/patents/USPP27734

<u>HELE001</u> - 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 suffsed 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.

Helianthus microcephalus 'Straffe Prarie Gast'

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.

<u>HELL001 - Helleborus x ballardiae 'Rauston Remembered' (Plant Delights, new for 2015)</u> - 14 in. tall. Stems and petioles red, showy. Leaves veined silver to greenish-silver, showy. Flowers white tinged light pink, very florioferous. Pine Knot Farms from a plant given to the JC Raulston Arboretum, named now for it's 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.

HELL002 - Helleborus DOUBLE ELLEN(r) purple - In, ph, so: http://www.vasteplant.be, accessed 10.23.2016

HELL002 - 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

HELL002 - Helleborus 'Blushing Bridesmaid' (WEDDING PARTY™ Series) - flowers 2.0-2.5 in. wide, double, white with dark violet-red to taspberry-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

HELL002 - 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 $^{\text{TM}}$ 'Dorothy's Dawn'

Helleborus FROSTKISS™ 'Reannas Ruby'



'Sally's Shell' is curious and different, a good green that fails to open much and looks like a series of cups or shells. It really stands out.

Helleborus FROSTKISS™ 'Sallys Shell'

Helleborus FROSTKISS™ 'Moondance'

Helleborus FROSTKISS™ ANNA'S RED® - in: cnbnewplants.nl, accessed 6.6.2018

Helleborus FROSTKISS™ PENNY'S PINK® - in: cnbnewplants.nl, accessed 6.6.2018

Helleborus FROSTKISS™ PIPPA'S PURPLE® - in: cnbnewplants.nl, accessed 6.6.2018

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 orieintalis 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

Helleborus 'Amethyst Glow' - www.plantdelights.com, accessed 3.5.2018

HELL002 - Helleborus 'First Dance' - www.plantdelights.com, accessed 3.5.2018

HELL002 - Helleborus 'New York Night' - www.plantdelights.com, accessed 3.5.2018

HELL002 - Helleborus 'Spanish Flare' - www.plantdelights.com, accessed 3.5.2018

HELL002 - Helleborus 'True Love' - <u>www.plantdelights.com</u>, accessed 3.5.2018

Helleborus 'Wedding Bells - <u>www.plantdelights.com</u>, accessed 3.5.2018

Helleborus 'White Pearl' - www.plantdelights.com, accessed 3.5.2018

Helleborus 'Dashing Groomsman' - https://www.waltersgardens.com, accessed 3.4.2018

Helleborus 'Romantic Getaway' - https://www.waltersgardens.com, accessed 3.4.2018

Helleborus 'Tropical Sunset' - https://www.waltersgardens.com, accessed 3.4.2018

Helleborus 'Vegas Nights' - https://www.waltersgardens.com, accessed 3.4.2018

Helleborus 'Viv Victoria' - http://vivhelleborus.com/en/, accessed 3.5.2018

Helleborus 'Viv Valentina' - http://vivhelleborus.com/en/, accessed 3.5.2018

Helleborus 'Spring Bliss' - Bock Helleborus Catalog: https://www.bockbioscience.com/en/assortment/helleborus/download/69_b1798fabc153e24bf615dc8a2f99765e.html, accessed 6.9.2019

Helleborus 'Spring Bright' - Bock Helleborus Catalog: https://www.bockbioscience.com/en/assortment/helleborus/download/69_b1798fabc153e24bf615dc8a2f99765e.html, accessed 6.9.2019

Helleborus 'Spring Morning' - Bock Helleborus Catalog: https://www.bockbioscience.com/en/assortment/helleborus/download/69_b1798fabc153e24bf615dc8a2f99765e.html, accessed 6.9.2019

Helleborus 'Spring Passion' - Bock Helleborus Catalog: https://www.bockbioscience.com/en/assortment/helleborus/download/69_b1798fabc153e24bf615dc8a2f99765e.html, accessed 6.9.2019

Helleborus 'Spring Pearl' - Bock Helleborus Catalog: https://www.bockbioscience.com/en/assortment/helleborus/download/69_b1798fabc153e24bf615dc8a2f99765e.html, accessed 6.9.2019

Helleborus 'Spring Sunset' - Bock Helleborus Catalog: https://www.bockbioscience.com/en/assortment/helleborus/download/69_b1798fabc153e24bf615dc8a2f99765e.html accessed 6.9.2019

Helleborus 'Spring Velvet' - Bock Helleborus Catalog: https://www.bockbioscience.com/en/assortment/helleborus/download/69_b1798fabc153e24bf615dc8a2f99765e.html accessed 6.9.2019

Helleborus 'Spring Wonder' - Bock Helleborus Catalog: https://www.bockbioscience.com/en/assortment/helleborus/download/69_b1798fabc153e24bf615dc8a2f99765e.html, accessed 6.9.2019

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. ISU Perennials 2016 award winner.

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.

Heliopsis helianthoides 'Summer Pink' - 24 in., flower rays yellow, single, disk mostly orange, noted for foliage which is white and green, lating maturing to brown and pink tones, giving an showy look when out of bloom.

Heliopsis helianthoides var. scabra 'Bleeding Hearts' - www.jelitto.com, accessed 6.6.2018, introducted in 2018

Hepatica (Blue Forest Hybrids) - http://cnbnewplants.nl, accessed 6.6.2018

Hepatica (Pink Forest Hybrids) - http://cnbnewplants.nl, accessed 6.6.2018

Hepatica (Red Forest Hybrids) - http://cnbnewplants.nl, accessed 6.6.2018

Hepatica (White Forest Hybrids) - http://cnbnewplants.nl, accessed 6.6.2018

Hepatica transilvanica 'Elison Spence' - flowers light blue, ring of ovate outer petals, center made of 30 or so, linear petaloids So, in: http://www.farreachesfarm.com, accessed 6.7.2018

Hepatica nobilis 'Cremar' - leaves undulate, lobed, green mottled silvery-green or mint green (to 50% surface), richly tinged purple and red, Heachera-like in fact, flowers single, light pink. So, in: http://www.farreachesfarm.com, accessed 6.7.2018

Hepatica nobilis var. pyrenaica 'Pyrenean Princess' - https://www.ashwoodnurseries.com, accessed 5.4.2018

Hepatica nobilis 'Stained Glass' - https://www.ashwoodnurseries.com/shop/plants/hepaticas.html, accessed 5.4.2018

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

Hesperaloe parviflora 'Coral Glow' - USPP application May 3, 2018

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

Heuchera 'Carnival Black Olive'

Heuchera 'Carnival Candy Apple'

HEUC003 - Heuchera 'Carnival Coconunt'

Heuchera 'Carnival Coffee Bean'

Heuchera 'Carnival Fall Festival'

Heuchera 'Carnival Limeade'

Heuchera 'Carnival Peach Parfait'

Heuchera 'Carnival Rose Granita'

Hecuhera 'Carnival Silver Streak'

Heuchera 'Carnival Plum Crazy'

Heuchera 'Carnival Watermelon'

Heuchera 'Bella Notte'

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'



Heuchera 'Red Lightning' - image above copyright owned by and courtesy of www.terranovanurseries, 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.plantagogo.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

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

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

Heuchera DOLCE 'Appletini'

Heuchera DOLCE "Silver Gumdrop'

from H. villosa, micrantha, and sanguinea

Heuchera PRIMO® 'Black Pearl'

Heuchera PRIMO® 'Pretty Pistachio' - US Plant Patent #29361



Heuchera PRIMO® 'Wild Rose' - image courtesy of and copyright owned by www.provenwinners.com

Heuchera PRIMO® 'Wild Rose' - 18-20 in. tall in flower, dense foliage mound, leaves shallowly lobed, dusky, metalic pink to violet-pink or rosy-purple, secondary and tertiary veins a darker, contrasting metallic gray, charcoal, or darker shade of brownish-pink, flowers on dark red stems, corolla rose-pink. In: Proven Winners 2018

Heuchera 'Rex Red'

Heuchera 'Rex Dark Amber'

Heuchera 'Rex Lime'

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.

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.



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

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 overlayed 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 -

Heuchera 'Mahogany Monster' - www.plantdelights.com, accessed 3.5.2018

Heuchera 'Pink Panther' - www.plantdelights.com, accessed 3.5.2018

Heuchera 'Apple Twist' - https://www.waltersgardens.com, accessed 3.4.2018

Heuchera 'Cherry Ruffles" - https://www.waltersgardens.com, accessed 3.4.2018

Heuchera 'Grape Timeless' - https://www.waltersgardens.com, accessed 3.4.2018

Heuchera 'Lemon Love' - https://www.waltersgardens.com, accessed 3.4.2018

Heuchera 'Spearmint' - https://www.waltersgardens.com, accessed 3.4.2018

Heuchera 'Timeless Glow' - https://www.waltersgardens.com, accessed 3.4.2018

Heuchera 'Timeless Treasure' - https://www.waltersgardens.com, accessed 3.4.2018

Heuchera FOREVER® RED - http://www.terranovanurseries.com, accessed 3.5.2018, New for 2018

Heuchera 'Topaz Jazz' - http://www.terranovanurseries.com, accessed 3.5.2018, New for 2018, US Plant Patent #29354

Heuchera 'Onyx' - http://www.terranovanurseries.com, accessed 3.5.2018, New for 2018

Heuchera NORTHERN EXPOSURE™ SILVER - http://www.terranovanurseries.com, accessed 3.5.2018, New for 2018

Heuchera 'Red Sea' - US Plant Patent #29298 on May 15, 2018

Heuchera 'Flores Sea' - US Plant Patent #29299 on May 15, 2018

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

HIBI001 - 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 smoothCold hardy to -30 deg. F. Or, pat: US Patent applied for on March 10, 2016 by Grecthen 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.

HIBI002 - Hibiscus 'Summer in Paradise' - 36-40 in. tall x 40-48 in. wide, refined form. Flowers large at 7-8 n. wide, red in bud opening to hot cerise-red with a barely different, darker eye, floriferous, produced uniformly from the top to botton 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

HIBI003 - Hibiscus 'Airbrush Effect' - www.waltersgardens.com, accessed 7.28.2017

HIBI004 - Hibiscus 'Cherry Choco Latte' - www.waltersgardens.com, accessed 7.28.2017

HIBI005 - Hibiscus 'Holy Grail' - https://www.waltersgardens.com, accessed 3.4.2018

HIBI006 - Hibiscus (moscheutos x ?) CAROUSEL™ GAENT RED 'Tahi05' - flowers uniformly rich red, large, abundant, leaves incised, dark purple becoming more green. Pat: EU 49034. If the foliage is incised, it is unlikely to be a pure H. moscheutos. Those leaf incision genes come from other species.

HIBI007 - Hibiscus moscheutos 'Lou Emmons' - 5 ft. tall, large and vigorous, leaves lobed, tinged red most of the spring and summer, flower corolla creamy-white, showy red eye



'Cordon Bleu'. Image courtesy of today.agrilife.org. No copyright asserted on this website. This is the first true blue hardy, herbaceous hibiscus.

Hibiscus SUMMER SPICE(tm) 'Cordon Bleu' - https://today.agrilife.org/2018/04/26/texas-am-agrilifes-novel-winter-hardy-hibiscus-hybrids-hitting-u-s-market/sony-dsc-30/, accessed 6.1.2018

Hibiscus SUMMER SPICE(tm) 'Plum Flambe'

Hibiscus SUMMER SPICE(tm) 'Brandy Bleu'

Hibiscus SUMMER SPICE(tm) 'Pink Champagne'

Hibiscus SUMMER SPICE(tm) 'Amaretto'

Hibiscus SUMMER SPICE(tm) 'Ambrosia'

Hibiscus SUMMER SPICE(tm) 'Bleu Brulee'

Hibiscus SUMMER SPICE(tm) 'Creme de la Creme'

Hibiscus SUMMER SPICE(tm) 'Suzette'

Hibiscus SUMMER SPICE(tm) 'Grape





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=Il9nBgAAQBAJ

The official Hosta Registry database is very highly recommended: http://www.hostaregistrar.org/

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

<u>IBER001 - Iberis (sempervirens x gibraltarica) 'Masterpiece' (Google Patents)</u>

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 definately 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.

IBER006 - Iberis gibraltarica 'Lavish' - Flowers deep lavender, very long blooming selection. USDA 7a. In: www.ballseed.com, accessed 6.18.2016

IBER007 - 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

IBER008 - 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

IBER009 - Iberis 'Sweetie Pie' - 8-10 in. tall x 10-12 inl 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

IBER010 - 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: Syngentaflowers.com, accessed 6.18/2016, http://www.syngentaflowers.com/country/us/en/Documents/Catalog/Syngenta%20Flowers%202016%20Perennial%20Catalog.pdf

IBER011 - Iberis 'Ice Candy' - www.waltersgardens.com, accessed 7.28.2017

IBER012 - Iberis sempervirens 'Snowsation' - http://www.darwinperennials.com, new for 2018



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. The American Iris Society Encyclopedia is found here: http://wiki.irises.org/Main/WebHome

Jovibarba are not reistered in the OROC system. A very good list of Semp and Jov cultivars is found here: http://miklanek.tripod.com/MCS/cvA-E.html

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

<u>JUNC001 - Juncus 'Dreadlocks'</u> (HortCouture)

KALI001 - Kalimeris incisa 'Jurgen Wever' - - https://www.marchantshardyplants.co.uk, accessed 5.4.2018

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 seasn with regularity, corolla deep orange to coral-orange to reddish-orange at the apex, later becoming more orange at the base, fairly monocoplored 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 tal 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 ougments accept 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

KNIP007 - Kniphofia 'Limelight' - http://new-worldplants.com/product.php?product=68, accessed 11.12.2016, their own intro.

KNIP008 - Kniphorfia 'Pencil Whte' 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

Kniphofia 'Backdraft' - https://www.waltersgardens.com, accessed 3.4.2018

Kniphofia 'Flashpoint' - https://www.waltersgardens.com, accessed 3.4.2018

Kniphofia 'High Roller' - https://www.waltersgardens.com, accessed 3.4.2018

Kniphofia 'Hot and Cold' - https://www.waltersgardens.com, accessed 3.4.2018

Kniphofia 'Lucky Lemons' - https://www.waltersgardens.com, accessed 3.4.2018

Kniphofia 'Orange Blaze' - https://www.waltersgardens.com, accessed 3.4.2018

Kniphofia 'Jackpot' - https://www.waltersgardens.com, accessed 3.4.2018

Kniphofia 'Poker Face' - https://www.waltersgardens.com, accessed 3.4.2018

Kniphofia 'Rockets Red Glare' - https://www.waltersgardens.com, accessed 3.4.2018

Kniphofia 'Solar Flare' - https://www.waltersgardens.com, accessed 3.4.2018

Kniphofia 'Shiny Beast' - flowers over a longer bloom period than typical, "rich burnt orange", very glossy as if lacquered.Or, so, in: http://www.farreachesfarm.com, accessed 6.7.2018, their own selection about 2008

Kniphofia 'Happy Halloween' - https://www.ashwoodnurseries.com, accessed 5.4.2018

KOEL001 - Koeleria glauca 'Tiny Tot' - www.intrinsicintroductions.com, accessed 6.6.2018

LAMI001 - Lamium maculatum 'Marshmallow' - http://new-worldplants.com/product.php?product=136, accessed 11.12.2016, their own introduction in 2011

LAMI002 - Lamium maculatum 'Ghost' - leaves nearly all silver, flower corolla purple. www.intrinsicintroductions.com, accessed 6.6.2018, their own introduction

Lavandula 'Ghostly Princess' - http://plantsnouveau.com, accessed 7.30.2017

Lavandula stochas THE PRINCESS™ - http://plantsnouveau.com, accessed 7.30.2017

Lavandula ARDECHE BLUE 'PER3225' - plants erect, neat, flower corolla dark violet, very early in season, blooming first year from young plants, stems short, leaves more silvery, thus more showy.

Lavandula angustifolia Endless Joy'

Lavandula angustifolia 'Deep Blue' - compact, earliest flowering among compact clones on the market, corolla deep blue. Aw: Fleuroselect Novelty 2018. Or: Syngenta Flowers, introduced 2019

LEON001 - 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

Leontopodium alpinum 'Silvery Moonlight' - www.bockbioscience.com, accessed 6.9.2018

Leontopodium alpinum 'Silvery Glacier' - www.bockbioscience.com, accessed 6.9.2018

Leontopodium alpinum 'Silvery Delight' - www.bockbioscience.com, accessed 6.9.2018

Leontopodium alpinum 'Silvery Chrystal' - www.bockbioscience.com, accessed 6.9.2018

Leucanthemum - Our nomenclatural standard for 176 existing Leucanthemum cultivars is Hatch Perennials

LEUC001 - Leucanthemum 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 sliightly 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

Leucanthemum 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

Leucanthemum 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

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

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

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

Leucanthemum 'Coconut' - http://www.terranovanurseries.com, accessed 3.5.2018, New for 2018

Leucanthemum 'Adorable' - http://www.terranovanurseries.com, accessed 3.5.2018, New for 2018

Lewisia cotyledon 'Elise Golden Yellow' - flower tepals light to medium yellow, a single color seed strain, blooming first year from seed, blooms very abundant and over a longer period than normal. aw: Fleuroselect Novelty 2018. Or: Floragram.

Lewisia cotyledon 'Elise Ultra Violet' - flower rose-violet to violet-magenta, a single color seed strain, blooming first year from seed, blooms very abundant and over a longer period than normal. aw: Fleuroselect Novelty 2018. Or: Floragram.

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

<u>LIAT001- Liatris sp. 'Georgia Giant' (Plant Delights)</u> - 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. Fllower purplish-lavender to lilac. Tetraploid clone, improved over the older 'Kobold'. Leaves often with reddishb tips. Intrinsic Perennials, intro. 2015, their own selection.

Liatris spicata 'BCLT-08.001' - US Plant Patent #29296 on May 15, 2018

Liatris ligulistylis 'Butterfly Magnet' - 4 ft. tall, about 1-2 ft. shorter than species typical, flowers very attractive to male monarch butterflies. www.intrinsicintroductions.com, accessed 6.6.2018

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/cvliri.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

LIRI001 - 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' - 15. in tall x 30 in. wide, Carex-like cascading mound of very narrow, linear leaves, evergreen where hardy (USDA 6a), flowers at the top of this flopping, elegant mound are light lavender and well-placed. So, or: plantdelights.com, introduced on 2016, seed strain, based on a new species collected by Darrell Probster in Sichuan, China.

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 selectioj being a darker violet shade, inflorescence 19-21cm long (18-18cm in thier 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 bhe 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/foliage-first-range/silverlawn-liriope-is-a-low-growing-contrast-plant-with-clean-variegated-foliage-foliage-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/foliage-first-range/pink-pearl-liriope-is-a-compact-low-growing-plant-with-clean-variegated-foliage-foliage-first-range/, accessed 8.2.2016 Video(Youtube): https://www.youtube.com/watch?v=-RPD-S9RUY8

Liriope platyphylla 'Kunming' - 18 in. tall in leadf, 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.

Lobelia - 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)

<u>LOBE002 - Lobelia cardinalis 'Black Truffle' (Plant Delights)</u>. 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, marketedd by Angela Treadwell-Palmer, Plants Noveau.

LOBE003 - Lobelia cardinalis 'Tan Line' - 36 in. tall x 18-24 in. wide, very vigoroous. 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) WESTCOUNTRY™ 'Manhattan Lights' - 30-36 in. tall, flowers bicolored in dark dusky violet-maroon and gold. Or: West Country Nurseries, Devon., UK

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

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

Lupinus (Westcountry Group) WESTCOUNTRY™ 'Gladiator' - 24-30 in. tall, flowers bicolored in coral-orange to melon and gold. 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. chalcedonica and it's 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)



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, accessed 4.27.2015

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

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

XMAN005 - x Mangave 'Pineapple Express'. .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 silverygreen 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
- x Mangave 'Blue Dart'- https://www.waltersgardens.com, accessed 3.4.2018
- x Mangave 'Crazy Cowlick' https://www.waltersgardens.com, accessed 3.4.2018
- x Mangave 'Freckles and Speckles' https://www.waltersgardens.com, accessed 3.4.2018
- x Mangave 'Mayan Queen' https://www.waltersgardens.com, accessed 3.4.2018
- x Mangave 'My Dog Spot' https://www.waltersgardens.com, accessed 3.4.2018
- x Mangave 'Purple People Eater' https://www.waltersgardens.com, accessed 3.4.2018\
- x Mangave 'Red Wing' https://www.waltersgardens.com, accessed 3.4.2018

Melica ciliata 'Silky' - not a true cultivar though listed as such by Thompson & Morgan since "silky spike" is the common name of this base species. If T&M has a unique strain, it should be renamed to avoid confusion

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

Miscanthus - 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 thinnly 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 pendulouis, 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® 'EMPMIS01') - 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 ARDS ANGEL® - 1.8m tall, erect, leaves green, flower heads reddish-brown, open plumose, can rebloom. 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. That said, other firms such as http://cnbnewplants.nl, accessed 6.6.2018, used a registered trademark symbol.

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, a federally recognized unit, generally claim ownership and rights to their tribal names.

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

Miscanthus sinensis (Zebrinus Group) BANDWIDTH™ 'NCMS2B' - 30-36 in. tall, leaves transversely banded yellow as with the cultivar group, shorter than original 'Zebrinus', "virtually sterile", thus not invasive from seed. Or: Dr. Tom Ranney and Dr. Darren Touchell, both from North Carolina State University, introduced about 2017

Miscanthus sinensis PURPLE FALL® (also 'Purple Fall') - 1.8-2.2m tall, flower heads beige-pink, leaves notably reddish-purple to burgundy in autumn, showy. Ns: while widely listed as a cultivar, it is sold by a number of European vendors with a registrated trademark.

Miscanthus sinensis 'Overdams Mini" - www.overdam.dk, accessed 6.6.2018

Miscanthus sinensis 'Nishidake' - www.overdam.dk, accessed 6.6.2018

Miscanthus sinensis 'Nishidake Goteborg' - www.overdam.dk, accessed 6.6.2018

Miscanthus sinensis (Zebrinus Group) 'Etincelles' -1.5m tall, leaves narrow, transversely striped yellow as the cultivar group, flowers rarely seen. Or: France, In, so: https://www.plantpref.co.uk/miscanthus.html, accessed 6.6.2018

MITC001 - Mitchella repens 'Danny' - www.plantdelights.com, accessed 3.5.2018

MOLI001 - Molinia arundinacea '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

MOLI002 - Molinia arundinacea 'Dutch Dreamer' - 60 in. tall, "perfect for blending tall and small", erect, leaves with golden yellow autumn colorations. www.intrinsicintroductions.com, accessed 6.6.2018, their own 2018 introduction

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 ploant 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 pleasantr 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 coorlla 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 prominant in more of a classic, true dark red with lime and chartreuse at it's very base, chartreuse buds contrasting well for coloration, buds continue to develop in the inflor. 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, mounde

Md. 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, slightlyu 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 Minster of Agricultural and Agrifoods".

Monarda 'Electric Neon Pink' - https://www.waltersgardens.com, accessed 3.4.2018

Monarda 'Leadng Lady Orchid' - https://www.waltersgardens.com, accessed 3.4.2018

Monarda 'Mojo' - 24-30 in. tall, leaves brownish-red at first, silvery hair, stems of this same brownish-red color, flower corolla purple, leaves mildew resistant.

www.intrinsicintroductions.com, accessed 6.6.2018, their own introduction

Monarda 'Westacre Purple' - - http://www.bethchatto.co.uk, accessed 5.3.2018

MUHL001 - Muhlenbergia capillaris PLUMETASTIC® PINK 'Irvine' - flower plumes rich reddish-purple, blooming 3-5 weeks later 'Regal Mist', extending the species floral range for another month or more, leaf "stays green much long than others its type". In: www.monrovia.com, accessed 6.6.2018

NEOL001 - Neolepisorus fortunei 'Green Ribbons' - 8 in. tall x 3 ft. wide in time (5 years), groundcover fern, "slowly creeping rhizome", evergreen, leaves rich, bright green, 8 in. long x 3 in. wide, arching, slightly undulate, glossy, USDA 7b hardy. Or, in: Plant Delights Nursery, Raleigh, North Carolina received from China a L. tosaense but keys to L. fortunei, introduced 2017



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, chnimera usually complete along the entire margin, coverage of chimera 20-60% surface, making for a very bright, bicolor variegate, 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 Data 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 black, 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 repellant 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

NEPA004 - Nepeta 'Kitten Around' - www.waltersgardens.com, accessed 7.28.2017

NEPA005 - Nepeta 'Cats Pajamas' - https://www.waltersgardens.com, accessed 3.4.2018

NOLI001 - Nolina hibernica 'La Sibirica' - 20 ft. tall in flower, leaves 1.5-2.0 in. wide, rich green, evergreen, cascading down as the "bear grass" style, cold hardy to USDA 7b, Or, In: http://www.cistus.com/, their own selection, said to have been found at 8300 ft. near the Nuevo Leon village of Siberica.

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 berlandieri '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)

Opuntia - Our nomenclature standard for more than 184 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 PROFESION was considered the best of these surviving, durable, high scented seedlings.

ORIG002 - Origanum laevigatum 'Gentle Breeze' - https://www.darwinperennials.com/Products/Plantinfo/?phid=045500001037915

Orostachys 'Crazy Eddie'. .http://www.plantdelights.com, accessed 1.16.2016, new for 2016

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)

Ic: 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'

Ic: 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

II: 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'

m. Selected by
Some individual

or: Gary Lanham selected from wild in KY USA

c: boldly marked grey, more so than species typical

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

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

Ic: 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'

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

so: catalog from source (Field Stone Gardens)

PACH014 - Pachysandra terminalis 'Gold Dust'

ht: 8-10 cm

Ic: 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.

Ic: darker and more glossy green

PACH016 - Pachysandra terminalis 'Green Sheen'

ha: Dirr reports lower vigor than species typical

Ic: 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.

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

Ic: 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

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

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

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.

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

http://americanpeonysociety.org/cultivar-registration/peony-cultivars

PANI002 - 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 Jeijsels 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

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

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

Panicum 'Blue Fountain' - https://www.google.com/patents/USPP28192

Panicum 'Apache Rose' - US Plant Patent #29142 on March 20, 2018

PARD001 - <u>x Pardancanda 'Wine and Yellow Roses'</u> - 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.

Paronychia kapela subsp. serphyllifolia 'Creme de la Creme' - leaves much more uniformly margined cream to yellow than 'Binstead Gold', a far more stable chimera. Or: Edelweiss Perennials, 2004 as sport, https://www.edelweissperennials.com/paronychia-kapela-ssp-ser-creme-de-la-creme, accessed 8.26.2017

PENN001 - <u>Pennisetum alopecuroides 'Ginger Love'</u> - 2-3 ft. tall x wide. Inflorescence thick, red, said to be earlier and darker color than most clones in this species. Intrinsicperennials.com, accessed 4.14.2015

PENN002 - Pennisetum alopecuroides PRAIRIE WINDS™ 'Desert Plains' - 3-4 ft. tall x wide, urpgiht 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 - <u>Pennisetum alopecuroides 'Penalope'</u> - 50cm tall, 80cm in flowers. Flower panicles rich brownish-red, showy, much larger than typicasl. Selected by Jan Spruyt, vasteplant.be, accessed 5.16.2015



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.

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 LEAF® '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

PENN008 - Pennisetum alopecuroides 'Puppy Love' - https://www.waltersgardens.com, accessed 3.4.2018

Penstemon is not registered by OROC. The American Penstemon Society publishes registrations in their Bulletin: http://penstemons.org/images/bulletins/APS%20Bulletin%2065-1%202006.pdf

PERO001 - <u>Perovskia atriplicifolia 'Denim 'n Lace'</u> - 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

PERO002 - Perovskia atriplicifolia 'Rocketman' - 30-36 in. tall, more narrow, neat vase-shaped form, not flopping, flowers lavender-blue. https://www.google.com/patents/USPP27526

PERO003 - Perovskia atriplicifolia 'Blue Jean Baby' - 28-24 in. tall, slightly shorter, more manageable for smaller spaces, good vigor, "resists lodging", flowers typical lavender-blue, earlier than some clones.

PERS001 - Persicaria 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 - Persicaria 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 - Persicaria 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 - <u>Persicaria amplexicaule 'Betty Brandt'</u> - 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 - <u>Persicaria amplexicaule 'Sangre'</u> - 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 - Persicaria 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 - Persicaria amplexicaule 'White Eastfield'

PERS008 - Persicaria amplexicaulis 'Marchants Red Devil' - - https://www.marchantshardyplants.co.uk, accessed 5.4.2018

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

Phlox - the previous 940 cultivars are found in Hatch's Perennials, available at https://books.google.com/books?
id=88PLBwAAQBAJ&lpg=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'

Web:

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 pa,le lavender-blue, less a lavender-pink compared to species, each petal with two dark purple basal markings. US intro 2014 by Intrinsic Perennials

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 coorlla 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 humidty. 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 atr 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 valuabled 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.veilingrheinmaas.com/fileadmin/vrm/bilder/newsletterAktuell/2015/31_2015/Phlox_Blind_Lion.jpg

Phlox 'Running With Sissors' (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 conicals inflorescences white and purple, early, abundant. Dr: mildew resistant. Or, pat: US# 27267 in October 11, 2016 to Charles Oliver, Scottdale, PA, USA.

Phlox 'Zenith' - US Patent #27266

Phlox 'Solar Flare' - US Patent #27265

Phlox 'Aurora' - US Patent# 27264

Phlox 'Confetti Pink' - https://www.waltersgardens.com, accessed 3.4.2018

Phlox 'Confetti Lavender' - https://www.waltersgardens.com, accessed 3.4.2018

Phlox 'Confetti Orchid' - https://www.waltersgardens.com, accessed 3.4.2018

Phlox 'Magenta Sprite' - https://www.waltersgardens.com, accessed 3.4.2018

Phlox 'Pink Minuet' - https://www.waltersgardens.com, accessed 3.4.2018

Phlox 'Purple Sprite' - https://www.waltersgardens.com, accessed 3.4.2018

Phlox 'Rose Sprite' - https://www.waltersgardens.com, accessed 3.4.2018

Phlox 'Rocky Road Pink' - https://www.waltersgardens.com, accessed 3.4.2018

Phlox 'Rocky Road Magenta' - https://www.waltersgardens.com, accessed 3.4.2018

Phlox 'Eye Candy' - https://www.waltersgardens.com, accessed 3.4.2018

Phlox 'Eye Shadow' - https://www.waltersgardens.com, accessed 3.4.2018

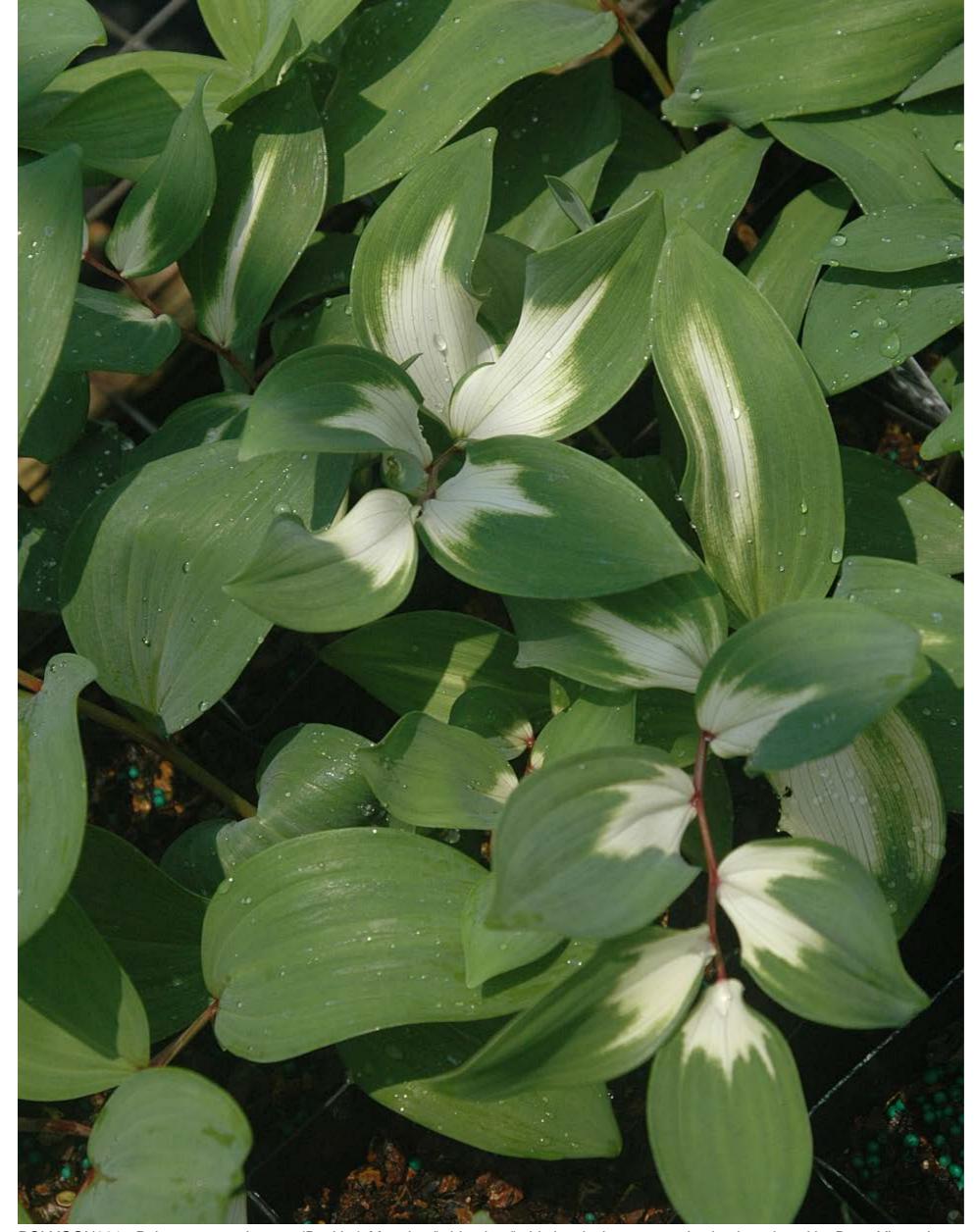
Phlox (Paniculata Group) - 32 in. tall, flower corolla bright coral-pink, stems dark purple, contrasting, leaves bright green, mildew resistant. US Plant Patent #25778

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

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

Podophyllum 'Red Panda' - leaves richly tinged red, becoming more copper, flowers red, very showy. Or: Nita Jo Rountree, seed strain. So, in: http://www.farreachesfarm.com, accessed 6.7.2018

Polemonium yezoensis 'Halfway to Paradise' -



POLYGON001 - Polygonatum odoratum 'Byakko'. Meaning "white tiger", this lovely Japanese selection introduced by Barry Yinger is stunning for it's 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.

POLYGON002 - Polygonatum lasianthym 'Kon Chri Shima' - http://www.shikoku-garden.com/English/indexenglish.htm, accessed 12.29.2015

POLYGON003 - Polygonatum odoratum 'Ruby Slippers' - https://www.waltersgardens.com, accessed 3.4.2018

POLYGON004 - Polygonatum lasianthum 'Hakkoda Smoke' - leaves typical green but with a smoky, dusky silvery-red sheen, quite unusual and subtle color. Or: collected at Mt. Hakkoda, Aomori, Japan. So, in: http://www.farreachesfarm.com, accessed 6.7.2018

POLY001 - <u>Polypodium calirhiza 'Sarah Lyman'</u> - 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 allotetriploid 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, boldy 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.

PSOR001 - Psoralea psoraliodes 'Nash' - <u>www.plantdelights.com</u>, accessed 3.5.2018

PTER001 - Pteris wallichiana 'Taoshan Trail' - www.plantdelights.com, accessed 3.5.2018

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. Desireableplants.com, accessed 5.21.2015, their own random seedling, likely a product of nearby P. longifolia 'Ankum' and perhaps P. saccharata 'Leopard'.



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.

PULM003 - Pulmonaria 'Pretty in Pink' - https://www.waltersgardens.com, accessed 3.4.2018

PULM004 - Pulmonaria 'Patric's Early Dawn' - - http://www.bethchatto.co.uk, accessed 5.3.2018

PULS001 - Pulsatilla vulgaris 'Pink Smiley'

PULS002 - Pulsatilla vulgaris 'Prima Papagena' - www.jelitto.com, accessed 6.6.2018, introducted in 2018

Pynanthemum pilosum 'Bees Friend'

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

Reineckia carnea 'Jinfo Jewel' - smaller clone, leaves wider than typical, flowers pink and white, scented. Or: Far Reaches Farm, collected near Jinfoshan. So, in: http://www.farreachesfarm.com, accessed 6.7.2018

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. Desireableplants.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. Flowrs dark rose-red, close to a true red. Leaves dark bronzish-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 henricii CHERRY BLUSH - 80cm tall, compact. Leaves green tinged and margined red. Flower very inense red to rose-red tones.

Rodgersia 'Dark Pokers' - 40 in. tall, leaves bright green, nicely tinged red, especially near the margins, flowers a mix of cream and rich pink shades, effectively a medium pink from a distance

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' -

Rudbeckia subtomentosa 'Poligny'

Rudbeckia 'American Gold Rush' - https://www.waltersgardens.com, accessed 3.4.2018

Rudbeckia triloba 'Blackjack Gold'' - www.jelitto.com, accessed 6.6.2018, introducted in 2018

Rudbeckia 'Glitters Like Gold' - 36 in. tall or more, similar aspect as 'Goldsturm' but resistant to Septoria fungus, flower rays deep gold, heads to 4 in. wide, very floriferous. www.intrinsicintroductions.com, accessed 6.6.2018

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 wideo 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 viuolet (RHS N88A), panciles 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 'Alklf'

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 tal 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 trroat 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) -

Salvia nemorosa 'ALKLF' - US Plant Patent #28393

Salvia x jamensis 'Ignition Purple' - https://www.google.com/patents/USPP27788

Salvia 'Elk White Ice' - https://www.google.com/patents/USPP28042

Salvia 'Indiglo Girl' - https://www.waltersgardens.com, accessed 3.4.2018

Salvia 'Bumblesnow' - https://www.waltersgardens.com, accessed 3.4.2018

Salvia 'Perfect Profusion' - https://www.waltersgardens.com, accessed 3.4.2018

Salvia 'Pink Profusion' - https://www.waltersgardens.com, accessed 3.4.2018

Salvia 'Violet Profusion' - https://www.waltersgardens.com, accessed 3.4.2018

Salvia 'Sweet Petite' - https://www.waltersgardens.com, accessed 3.4.2018

Salvia azurea 'Little Boy Blue'. .http://www.plantdelights.com, accessed 1.16.2016, new for 2016

Salvia nemorosa 'Ave Marie' - 15-18 in. tall, stems purple, flower corolla purplish-pink, calyx purple, long show due to showy calyx www.intrinsicintroductions.com, accessed 6.6.2018, their own introduciton

Salvia nemorosa 'Blueberry Beret' - 15 in. tall x 18 in. wide, compact, flower corolla purple, seedheads purple and give continued interest after main bloom period. www.intrinsicintroductions.com, accessed 6.6.2018, their own introduction

Salvia nemorosa 'Little Night' - 16-18cm tall, dwarf, compact, flower corolla dark violet-blue, spikes shorter, denser, leaves reduced in size. Pat, or: US#28925 on January 30, 2018 to David Salman, Sante Fe, New Mexico, seedling of 'May Night'.

Salvia LOVE AND WISHES(TM) 'Ser-wish'and also 'Srendip6'- https://www.ashwoodnurseries.com, accessed 5.4.2018

Salvia microphylla 'Marchants Chalk White' - - https://www.marchantshardyplants.co.uk, accessed 5.4.2018

Salvia x jamensis or microphylla PINK LIPS 'Jeremy` - US Plant Patent application on April 5, 2018, http://www.dysonsalvias.com, accessed 5/4/2018

Salvia 'Shangri-La' (S. moorcroftiana x S. indica) - - http://plantselect.org/, accessed 5.3.2018

Salvia nemorosa 'New Dimension Rose' - high uniformity in habit and height from seed, flowers rose pink. aw: Fleuroselect Novelty 2018. Or: PanAmerican Seed, introduced 2019

Sanguisorba 'Lilac Squirrel' - not a true cultivar. "Lilac Squirrel" or "Lilac Squirrel Burnet" is a common name for the basic species S. hakusanensis. A number of online vendors incorrectly use this name as a true cultivar.

SANG001 - Sanguinaria canadensis 'Snow Cone' - flowers double, unlike most doubles (including 'Multiplex') this one has a open center (not a dense pom pom), showing gold stamens, also these are very larrge at 2-3 in. wide, up to 25 petals. Or: Jan Sacks and Marty Schafffer selected a seedling, named 2016. In, so: www.plantdelights.com, accessed 7.27.2017, New listing 4.31.2017 per online catalog

SANG002 - Sanguinaria canadensis 'Venus' ('Rosea' in part, invalid post-1959 Latin name) - flowers tinged pink to light pink at first, later pinkish inside, white outside. Or: Collector's Nursery, now closed, sold as "pink form" about 1997, later in 1999 as 'Blush'. Named by Joe Pye Weed Gardens. In, so: 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

SARR004 - Sarracenia x moorei 'Conversation Piece' - www.plantdelights.com, accessed 3.5.2018

<u>SAUR001 - Saururus crenuus 'Hertford Streaker' (Plant Delights)</u> - 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 columnaria 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

SCAB002 - Scabiosa columbaria FLUTTER™ PURE WHITE - 12-14 in. tall, habit more compact, floral rays and disk pure white, large for this species.

<u>SCHI001- Schizachryium scoparium 'Standing Ovation' (Wayside Gardens)</u> - 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, yellowk, red, and purplish-brown fall coloration, blades thicker than species typical. US Plant Patent 25202 to <u>North Creek Nursery</u>.

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.

m accessed

SCHI005 - Schizachyrium scoparium 'Smoke Signal' - leaves glaucous, bluish-green, slowly turning scarlet to dark red in late summer, more rich reddish-purple into fall, often bright dark, intense, smoky, dusky purple in time. Pat: US# 27433

SCHI006 - Schizachyrium scoparium 'Twilight Zone'

SCHI007 - Schizachyrium scoparium 'Prairie Munchkin'

SCHI008 - Schizachyrium scoparium 'Blue Paradise' - https://www.google.com/patents/USPP28145

Scrophularia CARDINALE™ RED - http://www.terranovanurseries.com, accessed 3.5.2018, New for 2018

SCUT001 - Scutellaria 'Scuttlebutt Violet'

SCUT002 - Scutellaria scordiifolia SKYS EDGE(TM) 'Pat Hayward' - http://plantselect.org/, accessed 5.3.2018

Sedum - 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 - <u>Sedum 'Dark Magic'</u> - 12-15 in. tall, very upright, clump-forming, numerous crown per plant. Flower heads large, effectively dark pink. Leaves glossy blackish-purple. 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 - <u>Sedum 'Rolling Rock'</u>

SEDU011 - Sedum spurium 'Red Rock'

SEDU012 - <u>Sedum ussuriense 'Chuwangsan'</u> - 4 in. tall x 12 in. wide, low-spreading. Leaves bluish-green, resembling S. sieboldii but larger and sparsed. 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.

sy blackishwers medium 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, 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, pedicals 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 duskly, 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, featuing 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 pinkin 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

Sedum ellacombinanum 'Cutting Edge' - <u>www.plantdelights.com</u>, accessed 3.5.2018

Sedum 'Bundle of Joy' - https://www.waltersgardens.com, accessed 3.4.2018

Sedum 'Steel the Showl' - https://www.waltersgardens.com, accessed 3.4.2018

Sedum 'Night Embers' - US Plant Patent# 29211 on April 3, 2018

Sedum ATLANTIS™ - https://www.waltersgardens.com, accessed 3.4.2018

Sedum spurium 'Summer Snow' - www.jelitto.com, accessed 6.6.2018, introducted in 2019

Sedum album 'Big Rock' - www.intrinsicintroductions.com, accessed 6.6.2018

Sedum rupestra 'Making Progress' - 6 in. tall, leaves dark green, glossy, tinged russet-red to brown in fall until spring new growth, flowers typical bright yellow, leaves contrasting much with the blue clones (ala Blue Spruce Group) and 'Angelina'. www.intrinsicintroductions.com, accessed 6.6.2018

Sedum 'Joyful' - 12 in. tall x 18 in. wide, shrub-type cultivar, densely clumping, leaves grayish-green, flowers "chalky pink", heads to 4 in. wide.www.intrinsicintroductions.com, accessed 6.6.2018, their own 2018 introductio



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. This image as all others is not part of OROC Data Sharing.

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

SELA004 - Selanginella 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' - 75-90cm tall, strongly erect, flowers numerous, rays and disk bright yellow

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, 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' - www.rarefindnursery.com

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?https://www.vasteplant.be/catalog/index.cfm?<a href="https://www.vasteplant.

Solidago rigida 'Upright Rod' - https://www.vasteplant.be/catalog/index.cfm?fuseaction=DETAIL&TREFNAAM=SOUROD, accessed 6.6.2018

Solidago canadensis 'Little Miss Sunshine'

Solidago rigida subsp. humilis 'Golden Rockets'

Solidago 'Foxbrook Fountain' - https://www.ashwoodnurseries.com, accessed 5.4.2018

SORG001 - Sorgastrum 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, accessed 5.16.2015, under their JS® trademark used for many genera.

SORG002 - Sorgastrum 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, vasteplant.be, accessed 5.16.2015, under their JS® trademark used for many genera.

SORG003 - Sorgastrum 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, <u>vasteplant.be</u>, 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" in considered offensive to some for it's 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

STAC001 - Stachys thirkei 'Tiny Ears' - http://new-worldplants.com/product.php?product=119, accessed 11.12.2016

Stachys 'Summer Crush' - www.intrinsicintroductions.com, accessed 6.6.2018

Stachys 'Summer Romance' - www.intrinsicintroductions.com, accessed 6.6.2018

STACLAM001 - (Stachys x Lamium) WFL® 'Lilac Falls' - 8-12 in. tall x 20-36 imn. 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 spoikes 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.

<u>STOK001 - Stokesia laevis 'Divinity'</u> (White Flower Farm)

STOK002 - Stokesia laevis BLUE FRILLS 'Synstokhar' - 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. US Plant Patent #28305: https://www.google.com/patents/US20170172045

Symphytum 'Moorland Heather' (Purple Comfrey)

<u>SYNE001 - Syneilesis palmata'Kikko' (Plant Delights)</u> - a spectacular variegate with a cut palmatifid leaf.

TANA001 - Tanacetum RADIANT™ PINK - http://www.terranovanurseries.com, accessed 3.5.2018, New for 2018

TANA002 - Tanacetum RADIANT™ LIGHT PINK - http://www.terranovanurseries.com, accessed 3.5.2018, New for 2018

TAN003 - Tanacetum macrophyllum 'Cream Klenza' - ht: 100-200cm tall. lc: silvery-green, very showy. lm, lt: very finely incised, feathery, mostly horizontal. fc: rays cream, effectively a near, bright white, less gray or dull than species. so: www.cgf.net, accessed 4.22.2018

Tanacetum vulgare 'Golden Feather' www.edulis.co.uk, accessed 4.22.2018. ht: 75cm tall. lc: bright "acid yellow". lm, lt: more finely incised than 'Isla Gold'. fc: rays yellow

Tanacetum vulgare 'Golden Fleecer' www.edulis.co.uk, accessed 4.22.2018. ht: 40cm tall - shorter than both 'Isla Gold' and 'Golden Fleece; Ic: bright "acid yellow". lm, It: more finely incised than 'Isla Gold'. or: John Tuite, West Acre Nursery, 'Isla Gold' x 'Crispum'

THAL001 - Thalictrum urbainii 'Taiwan Baika' - http://www.shikoku-garden.com/English/indexenglish.htm, accessed 12.29.2015

THAL002 - Thalictrum NIMBUS™ PINK - http://www.terranovanurseries.com, accessed 3.5.2018, New for 2018

THAL003 - Thalictrum NIMBUS™ WHITE - http://www.terranovanurseries.com, accessed 3.5.2018



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.

TIAR001 - 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 extentding 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 markins of ink black cov ering 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 Kltto'

Tiarella cordifolia DIVA-RELLA™ 'Stephanie Cohen'

TRAC001 - Trachystemon orientalis 'Sundew' - www.plantdelights.com, accessed 3.5.2018

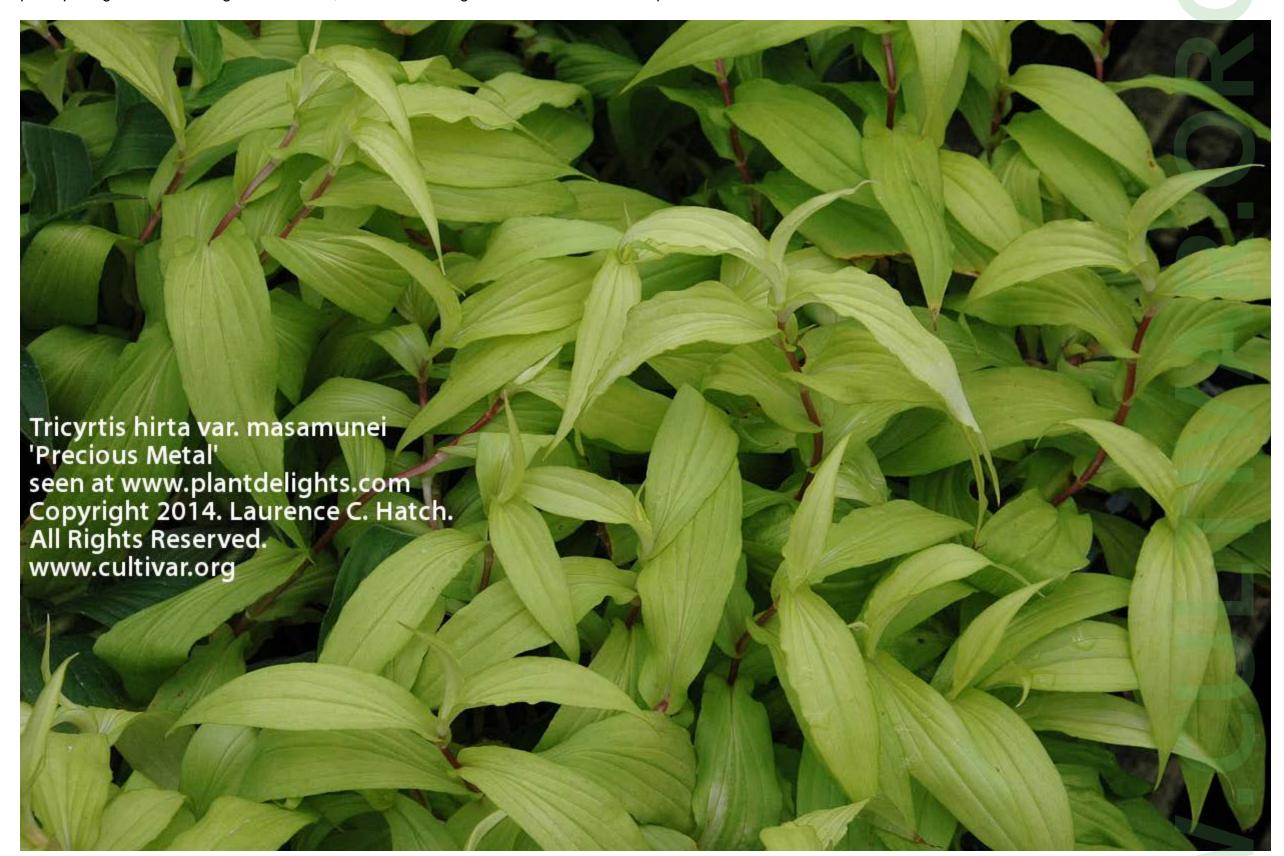
TRAD001 - Tradescantia 'Angelic Charm' (Terra Nova Nurseries)

TRAD002 - Tradescantia AMETHYST KISS™ (North Creek Nurseries)

TRAD003 - Tradescantia 'Charlotte's Web'

TRAD004 - Tradescantia ohioensis 'Hoge Jan'

Tradescantia (Andersoniana Group) 'Merlot Clusters' - 18 in. tall x 24 in. wide. Flower calyx rich, dark purple to wine red, showy in bud and on open flower reverse, corolla light pink opening more cream tinged blue to lilac, most of these tings in the middle third of the petal. Or: R.A. Meredith.



TRIC001 - Tricyrtis hirta var. masomunei 'Precious Metal'.

Trifolium pannonicum 'White Tiara' - In, ph, so: http://www.vasteplant.be, accessed 10.23.2016

HATCH'S PERENNIALS 2017-2018 EDITION

by Laurence C, Hatch Horticultural Taxonomist



Trillium cuneatum 'Oconee Red' - www.plantdelights.com, accessed 3.5.2018

Trillium pusillum 'Roadrunner' - http://www.epimedium.com, accessed 6.5.2018

Trllium foetidissimum 'Baton Rouge' -10 in. tall, leaves mottled silver to silvery-green at about 30-45% surface, flowers very dark maroon red. Or, in: Plant Delights Nursery, Raleigh, North Carolina USA from seed, originally collected near Baton Rouge, Louisiana.

Trillium foetidissimum 'Woodville' - 6 in. tall. Leaves often more narrowly ovate than species typical, richly mottled silver to greenish-silver to about 50% surface, most of the markings in a central, solid "tree" where the spots fuse into this shape, something of a chevron-type marking, irregularly mottled only on the margins. Or, in: Plant Delights collected near Wilkinson Co, Mississipi, a special silver-centered plant, grown from seed, so individuals will vary

Trillium freemannii 'Cairns' - 9 in. tall. Leaves dark green, mottled gray to silvery-green, at first mottled more of a green shade. Flowers rich violet-purple to violet-red. Or, in: Plant Delights collected near Cairns, Alabama 1998, now known as a new, distinct species.

Trillium lancifolium 'Gadsden' - 8 in. tall. Leaves richly mottled silver to silvery-green, covering about 35-45% surface. Flowers yellow tinged dark red at the base. Or, in: Plant

Delights, seed strain collected at first in Gadsden Co, Florida in 2003.,

Trillium lancifolium 'Shotgun Wedding' - 10 in. tall, more vigorous than most strains. Leaves mottled silvery-green to about 25%, not as bold or silvery as some others described here. Flowers very dark maroon-red, tepals very distinctly erect, linear-lanceolate, quite a unique look like upright fingers.

Trollius 'Lemon Bells' - http://www.censation.nl/assortment.php, accessed 11.6.2016

Veratrum album 'Lorna's Green' - 2.1m tall x 1.0m wide, inflorescence lax, spikelets drooping at a 45 degree angle, flowers rich greeen. Or, in: Keith Ferguson, Western Countries Group, 2011, named for his wife. Aw: RHS AM 2014. Web: http://www.hardy-plant.org.uk/index.php?route=/plants/list/conservation&plantid=P188, accessed 6.9.2018

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 - <u>Vernonia angustifolia 'Plum Peachy'</u> (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 - <u>Vernonia 'Southern Cross'</u> (Instrinsic 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 - <u>Vernonia altissima 'Jonesboro Giant'</u> (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 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, vasteplant.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 - <u>Veronica incana 'Pure Silver'</u> Instrinsic Perennials, accessed 4.15.2015

VERO005 - <u>Veronica 'Hotel California'</u> - 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, introduiced 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 - <u>Veronica 'Pure Silver'</u> - 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 colorol 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 - <u>Veronica gentianoides 'Little Blues'</u> - 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.

VERO009 - 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

Veronica 'Mona Lisa Smile' - www.waltersgardens.com, accessed 7.28.2017

Veronica 'Lavender Lightsaber' https://www.waltersgardens.com, accessed 3.4.2018

Veronica 'Wizard of Ahhs' - https://www.waltersgardens.com, accessed 3.4.2018

Veronica 'Bubblegum Candles' - https://conceptplants.com/, new for 2018

Veronica 'Good Night Irene' - 18 in. tall, compact habit, leaves dark green, elongated shape, flowers violet-lavender, blooms up to 2 months in summer. www.intrinsicintroductions.com, accessed 6.6.2018, their own introduction

Veronica 'Spike' - 12-15 in. tall, floral spikes very long, blue, improvement on 'Royal Candles'. www.intrinsicintroductions.com, accessed 6.6.2018, their own selection, US PP# 27814

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, 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

YUCC007 - Yucca 'Red Rover'. .http://www.plantdelights.com, accessed 1.16.2016, new for 2016

YUCC008 - Yucca flaccida 'Yellow Striper'' - www.plantdelights.com, accessed 3.5.2018

YUCC009 - Yucca glauca 'Cimarron Pink' - www.plantdelights.com, accessed 3.5.2018

YUCC010 - Yucca 'Silver Anniversary' - www.plantdelights.com, accessed 3.5.2018

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election, US PP#