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 existence. 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:


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 Registrar

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
ACH1002 - Achillea F2 FLOWERBURST™ and SUMMER™ Series (Takii Seeds)

ACH1003 - 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.

ACH1004 - 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.

ACH1005 - 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.

ACH1006 - 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.

ACH1007 - Achillea millefolium SONG SIREN™ PRETTY WOMAN - 51-56cm tall x 30-36cm wide, upright, sturdy, compact. Flowers rays orangish-red to scarlet, disk smaller, er off white, not contrasting nearly as much as LAURA. non-fading. Darwinperennials.com, accessed 5.22.2015, their own selection.


ACH1009 - Achillea 'Rainbow Lightning Pink' - flower rays rich cerise-red at first becoming medium pink, bicolorated at times as ray color shifts old to young, disk flowers light yellow, contrasting well.


ACH1012 - Achillea millefolium 'Ritz 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

ACH1014 - Achillea 'Sassy Summer Sangria' - https://www.waltersgardens.com, accessed 3.4.2018

ACH1013 - Achillea 'Sassy Summer Lemon' - https://www.waltersgardens.com, accessed 3.4.2018

ACH1013 - Achillea 'Sassy Summer Taffy' - https://www.waltersgardens.com, accessed 3.4.2018

ACH1014 - Achillea ptarmica 'Peter Cottontail' - https://www.waltersgardens.com, accessed 3.4.2018

ACH1015 - Achillea 'Sassy Summer Sunset' - https://www.waltersgardens.com, accessed 3.4.2018

ACH1016 - 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 'Moonshine' (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.

ACH1017 - 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'

ACH1018 - 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 Nijsen, The Netherlands, selected as a superior seedling from the 'Summer Pastels' strain in 2005

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

Achillea millefolium 'Milky Rock Rose' - https://www.darwinperennials.com/Products/Plantinfo/?phid=00400928040542

Achillea millefolium 'Milky Rock Red' - https://www.darwinperennials.com/Products/Plantinfo/?newvar=1&phid=00400928025549


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.


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 'Cloudy Days'. Flowers in dense umbels, tepals bicolor, 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/


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 kingdom in most of if not all countries.


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)


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


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

AGAV002 Agave x pumila 'Clusterfest' (Plant Delights)
AGAV003 - Agave parryi subsp. truncata 'Bed of Nails' - Also from Plant Delights is a new registrant of this normally hostile subspecies. It might be voted the new cultivar I'd least like to step on by accident in the garden at night. Or...best new cultivar for keeping out the annoying neighbors and their annoying, little yappy dogs. It is a dense, clumping dwarf version of the popular subspecies that Plant Delights discovered in a batch of tissue cultured stock.

AGAV004 - Agave 'Oh Victory' - [Website link], accessed 9.10.2016, Fall 2016 Catalog introduction

AGAV005 - Agave titanota 'Banana Peel' - [Website link], accessed 9.10.2016, Fall 2016 Catalog introduction

AGAV006 - Agave weberi 'LimeLight' - [Website link], accessed 9.10.2016, Fall 2016 Catalog introduction

AGAV007 - Agave 'Bluebell Giants'. [Website link], accessed 1.16.2016, new for 2016


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'. [Website link], accessed 1.16.2016, new for 2016

AGAV011 - Agave 'Shark Bite'. [Website link], accessed 1.16.2016, new for 2016

AGAV012 - Agave titanota 'Sunburst'. [Website link], 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


AGAV015 - Agave neomexicana 'Sunspot' - [http://www.waltersgardens.com/plants/view/?plant=2716](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


AGAV021 - Agave amournfolia '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' - www.plantdelights.com, 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 lophantha 'La Buja 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 stiphanta '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 Whalesome' - 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 Jim Prine, Santa Barbara, California, later selected and vegetatively propagated 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, vasteplant.be, 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
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](http://www.waltersgardens.com), accessed 7.28/2017

**ALCE005 - Alcea rosea 'Halo Cerise'** - [www.waltersgardens.com](http://www.waltersgardens.com), accessed 7.28/2017

**ALCE006 - Alcea rosea 'Halo Blush'** - [www.waltersgardens.com](http://www.waltersgardens.com), accessed 7.28/2017


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


**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](https://www.waltersgardens.com), accessed 3.4.2018

**ALLI009 - Allium 'August Asteroids'** - [www.intrinsicintroductions.com](http://www.intrinsicintroductions.com), accessed 6.6.2018


**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](http://www.intrinsicintroductions.com), accessed 6.6.2018, their own selection


**AMOR003 - Amorphophallus corrugatus 'Mint Julep'** - [www.plantdelights.com](http://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](http://www.vasteplant.be), accessed 5.16.2015, under their JS® trademark.
Amsonia tabernaemontana 'Short Stack'. Legacy name. Registration requested.

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


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


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

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


Anemone hupehensis PRETTY LADY™ 'Emily'


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 '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 'Diana' 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

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

ARGE001 - Argeome 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.


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


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


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


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


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.


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 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

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 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™ 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.

AST1001 - 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.

AST1002 - Astilbe chinensis 'Mighty Red Qin' (Plant Delights)

AST1003 - Astilbe 'New Wave' - 50-60 cm tall x wide, quick-multiplication of clump. Flower and inflorescence uniformly light pink throughout, a very consistent 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 glossy dark green. US Patent #25383 on March 24, 2015 to Henricus Verduin, Netherlands from open-pollinated 'Europa', selected 2006.


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


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


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. Flowers corolla very rich, dark violet-blue, far darker than B. australis as typical, greener, near lime keel adds slight color at close range. Selected by Hans Hansen, Walters Gardens, intro. 2015

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

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


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

BAPT020 - Baptisia 'Cinnamon Candles' - www.plantdelights.com, 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 'Melbella Salmon' - 2016 award


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 38 mm 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 inflo. 7 cm long x 5.5 cm 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.


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

BOMM001 - Bommeria hispida 'Gila Dwarf' - 2 in. tall, a extreme dwarf fern (as the species), very small and suitable for most rock gardens where cold hardy. Ch: USDA 7b. Web, so, in, or: https://www.plantdelights.com/collections/new-plants/products/bommeria-hispida-gila-dwarf, accessed 11.6.2016, their own named selection in 2004 from material in Gila County, Arizona. PDN took 12 years to build up enough stock to sell because it's extreme slow growth.
BOLT001 - Boltonia decurrens 'Warrior's Blush' - 80cm tall in leaf, 150cm tall in flower. Flower rays pleasant light pink, disc medium yellow to near gold, large, some-shaped. Selected by Jan Spruyt, vasteplant.be, accessed 5.16.2015, under their JS® trademark.


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.


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


CALT001 - Caltha palustris 'Girl Eyes' - 30cm tall, becoming 40cm in flower, more compact, neat 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 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


Our nomenclature reference for more than 400 previously known cultivars of Canna is Hatch's Perennials.
name for a line of Cannabis clones and products, not related to these Dutch Canna offerings.

Canna 'Longwood Simply Salmon' - USPP application May 3, 2018
Cardamine heptaphylla ‘Big White’

CARE001 - Carex ‘Mad for Mocha’ (Hort Couture) - 8-10 in. tall. Leaves tan to brown shades.
CARE002 - Carex siderostica ‘Snow Cap’ (Wayside Gardens). Leaves much as ‘Banana Boat’ but central zone (80-95% surface) is white to cream, slightly striped but often a uniform chimera, much whiter tones than ‘Variegata’. Walters Gardens, intro. 2013.
CARE003 - Carex laxiculmis BUNNY BLUE™ ‘Hobb’ (Plant Delights) - 8-12 in. tall x 12-16 in. wide, neat, clumping. Leaves rich silvery-blue.
CARE004 - Carex CENSATION™ ‘Feather Falls’ - 40cm tall, cascading mound of long, linear leaves, each leaf broadly margined in white to cream. Inflorescence short, cream to tan, feathery, semi-showy. CENSATION is a trademark name used to market multiple genera and is therefore not registered by us nor should it be considered a nomenclatural taxon. It is provided here for context and clarity only.
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
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 3.5.2018
CARE017 - Carex pilosa ‘Copenhagen’ - www.overdam.dk, accessed 6.6.2018, as ‘Copenhagen Select’, revised 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.
CHEL001 - Chelone lyonii TINY TORTUGA ‘Arttip02’ - 11-15 in tall x 10 in. wide, very compact, slow. Leaves very dark green. Flower corolla rich medium violet-pink, labia darker at apex. Bred by Gerard Lentjes from ‘Hot Lips’
OROC registers herbaceous members of the genus Clematis but not the traditional woody vinous or shrubby taxa.

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

CLEM002 - Clematis SERIOUS BLACK™ (Walters Gardens)

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

COLO002 - Colocasia gigantea 'Laosy Giant' (Plant Delights, new for 2015)
COLO003 - Colocasia esculenta 'Morning Dew', the best of the two-tones greens as seen at Juniper Level Botanic Garden. This image copyright owned by and courtesy of Laurence C. Hatch.

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

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

COLO006 - Colocasia esculenta 'Painted Black Gecko' - 3-4 in. tall. Leaves glossy dark blackish-purple above, reflective of various colors and light tones, iridescent; slightly rugose and puckered (much less so than 'Black Ripple') more grayish-purple to maroon-gray below. Or: Brian Williams, Louisville, Kentucky, USA as hybrid, http://briansbotanicals.us/, accessed 6.24.2016


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


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

WWW.CULTIVAR.ORG

WWW.CULTIVAR.ORG
COLO012 - Colocasia 'Dragon Heart' ('Dragon Heart Gigante' of trade?) - 7-8 ft. tall x 5-8 ft. wide, a massive tropical "ear", tubes to 15cm wide. Leaves rich dusky to velvety green tinged dark purplish-black to rich dusky purple to near blackish-red, distinctly red veined on the midrib and secondary veins on the reverse, by far wider a blade than any dark or dusky purple pure C. esculenta clone, to 30 in. long x 24 in. wide, petioles streaked dark maroon and black. Prop: tissue culture only. USDA 8. Pat, or: US# 26890 on June 28, 2016 to Brian Williams, Louisville, Kentucky as unnamed Colocasia x C. gigantea in June 2010, selected in June 2013 as superior seedling. This June 2016 patent does not contain the word "Gigante" in the cultivar name and since this clone is a product of C. gigantea, we understand the three-word cultivar name to be superfluous. That said, the originators website and that of Plant 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


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

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


CONV001 - Convallaria majalis 'Fragolf' - 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 LIL BANG™ 'Daybreak'

Coreopsis LIL BANG™ 'Enchanted Eve'

Coreopsis LIL BANG™ 'Red Elf'

Coreopsis LIL BANG™ 'Starlight'

Coreopsis SIZZE AND SPICE™ ‘Crazy Cayenne’

Coreopsis SIZZE AND SPICE™ ‘Curry Up’

Coreopsis SIZZE AND SPICE™ ‘Hot Paprika’

Coreopsis SIZZE AND SPICE™ ‘Zesty Zinger’

Coreopsis tripteris 'Gold Standard'


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

Coreopsis 'Sassy Saffron' - https://www.waltersgardens.com, accessed 3.4.2018
CORT001 - Cortaderia selloana 'Blue Bayou' (Hoffman Nurseries) - 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.

CORT002 - Cortaderia pilosa var. minima ‘Plume Delight’ (Plant Delights) - 42 in. tall in leaf, 72 in. in flower. Flowers up to a month before C. selloana (Raleigh, North Carolina). 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


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

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

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/cortaderia-pink-phantom/, accessed 6.5.2018

CORT010 - Cortaderia selloana Pumila Group - based on 'Pumila', this group of dwarf, shorter cultivars was publsihd 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 panicles erect, compact, fairly form, silvery-grey tinged yellow to tan, up to 37cm long each, generally a neat ellipsoidical 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.


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.


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


Delosperma JOD AMETHYST 'DSAM13-1' -

Delosperma JOD GARNET -

Delosperma JOD GRENADE -

Delosperma JOD MOON STONE
Delosperma JOD OPAL

Delosperma JOD ROSEQUARTZ

Delosperma JOD OPAL

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

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


Dianella revoluta COOLVISTA™ 'Allyn-Citatoin' - compact, dense-clumping, stiff, neat erect, leaves bluish-green to bluish-gray, flowers 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

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.

Dicentra 'Fire Island' (Walters Gardens, available 2015)

Dicentra 'Sulphur Hearts' (PlantariUM)

Dicentra eximia 'Sally Dods'

DIC001 - 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.

DIC002 - Dicentra 'Fire Island' (Walters Gardens, available 2015)

DIC003 - Dicentra 'Sulphur Hearts' (PlantariUM)

D. eximia 'Sally Dods'

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

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

DICE003 - Dicentra 'Sulphur Hearts' (PlantariUM)

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.


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


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


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

**DRYO001 - Dryopteris labordei 'Golden Mist' (Plant Delights)** - a strangely pretty fern with glossy, golden new foliage.

**ECHI001 - Echinacea CARA MIA ROSE**

**ECHI002 - Echinacea KISMET INTENSE ORANGE**

**ECHI002 - Echinacea KISMET RASPBERRY**

**ECHI002 - Echinacea PUFF VANILLA**

**Echinacea MEDITATION WHITE** - 50cm tall, compact, dense. Flower rays white, flarily 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 'Pink Fascinator'**

**Echinacea 'Playful Meadow Mama'**

**Echinacea 'Innocent Meadow Mama'**

**Echinacea 'Fiery Meadow Mama'**

**Echinacea 'Laughing Meadow Mama'**

**Echinacea 'Sweet Meadow Mama'**

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


**Echinacea BUTTERFLY™ 'Julia'** - Or: AB Cultivars

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

**Echinacea BUTTERFLY™ 'Postman'** - Or: AB Cultivars

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

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

**Echinacea BUTTERFLY™ 'Peacock'** - Or: AB Cultivars
Echinacea 'Sunacea Zion' - http://green-works.nl, accessed 7.30.2017
Echinacea 'Atomic Orange' - https://www.waltersgardens.com, accessed 3.4.2018
Echinacea SOMBRERO® GRANADA GOLD 'Balsomold' - http://www.darwinperennials.com, new for 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
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)
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 'French Braid' - http://www.epimedium.com, accessed 6.5.2018
Epimedium grandiflorum var. violaceum 'Bronze Maiden' - http://www.epimedium.com, accessed 6.5.2018
Epimedium 'Peachie' [www.plantdelights.com], 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

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

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

---

**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](http://www.terranovanurseries.com).

**EUCO002** - Eucomis 'African Night' - [https://www.waltersgardens.com](http://www.waltersgardens.com), accessed 3.4.2018

**EUCO003** - Eucomis 'Safari Adventure' - [https://www.waltersgardens.com](http://www.waltersgardens.com), accessed 3.4.2018

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

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


**EUPA005** - Eupatorium rugosum LUCKY MELODY 'Allmelody' - compact. Flower heads pure white.
OROC only registers cultivars in the genus Euphorbia that are hardy perennials or tropical house plants, excluding Poinsettia and annual species.


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", very icy blue in summer. More heat tolerant than most clones. Origin: Intrinsic Perennial Garden, website, accessed 4.10.2015

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


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

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

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

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

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

FILO01 - 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.
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.

FRAG001 - Fragaria BERRIED TREASURE™ RED - [https://www.waltersgardens.com](https://www.waltersgardens.com), accessed 3.4.2018

FRAG002 - Fragaria BERRIED TREASURE™ PINK - [https://www.waltersgardens.com](https://www.waltersgardens.com), accessed 3.4.2018


GAIL001 - Gaillardia COMMOTION® MOXIE (Monrovia)


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

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


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


GERA001 - Geranium wallachianum 'Chrysal 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


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 various sizes, bifid (two points), or otherwise with sharp lobes and projections. Leaves bright green, generally unmarked. Pat. or: US# 23370 on January 20, 2013 to Sandrine Delatroye, France as chance hybrid in 2009. Ns: it has been sold as registered trademark but the publication of the US Patent as a valid cultivar name terminates the possibility of the same exact name as a trademark, at least in the US.

GERA006 - Geranium cinereum JOLLY JEWEL RED - Or: Marco van Noort as hybrid
GERA007 - Geranium cinereum JOLLY JEWEL PURPLE - Or: Marco van Noort as hybrid
GERA008 - Geranium cinereum JOLLY JEWEL NIGHT - Or: Marco van Noort as hybrid
GERA009 - Geranium cinereum JOLLY JEWEL HOT PINK - Or: Marco van Noort as hybrid
GERA010 - Geranium cinereum JOLLY JEWEL SALMON - Or: Marco van Noort as hybrid
GERA011 - Geranium 'Chrystal Rose' -


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


Geum - Hatch's Perennials 2017-2018 is our official document with descriptions of more than 193 different Geum cultivars.
Geum 'Sunkissed Lime'
courtesy of www.terranovanurseries.com

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

GEUM002 Geum 'Alabama Slammer' (Intrinsic Perennial Gardens)

GEUM003 Geum 'Banana Daiquiri' (Intrinsic Perennial Gardens)

GEUM004 Geum 'Champagne' (Intrinsic Perennial Gardens)

GEUM005 Geum 'Cosmopolitan' (Intrinsic Perennial Gardens)

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

GEUM007 Geum 'Gimlet' (Intrinsic Perennial Gardens)

GEUM008 Geum 'Limoncello' (Intrinsic Perennial Gardens)


GEUM011 - Geum RUSTICO ORANGE


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


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

HELE001 - Helenium autumnale MARIACHI™ Series (Wayside Gardens)

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

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

Heliannthus 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 ornaments@lycos.com to apply.

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


HELL002 - Helleborus 'Maid of Honor' (WEDDING PARTY™ Series)

HELL002 - 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 'Baylil's Blush' -

Helleborus foetidus 'Red Silver' -

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

Helleborus FROSTKISS™ 'Glenda's Gloss' -

Helleborus FROSTKISS™ 'White Tutu'

Helleborus FROSTKISS™ 'Cheryls Shine'

Helleborus FROSTKISS™ 'Danas Dulcet'

Helleborus FROSTKISS™ 'Dorothy's Dawn'

Helleborus FROSTKISS™ 'Reannas Ruby'

'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 orientalis SPRING™ cultivars including Angel, Beauty, Belle, Bright, Charm, Crystal, Darling, Delight, Diamond, Dream, Dress, Feelings, Glow, Jewel, Joy, Love, Might, Pearl, Princess, Queen, Snow, Sunshine, Sweet, Touch, and Velvet.
Helleborus orientalis KING® in colors CREAM, DOUBLE PINK, RED, GREEN, PINK, WHITE, YELLOW, PICOTEE, and DOUBLE WHITE - http://green-works.nl, accessed 7.30.2017
Helleborus orientalis PRINCE™ in colors CLEAR PINK, GREEN, RED, WHITE, PICOTEE, DOUBLE PICOTEE, DOUBLE RED, DOUBLE PINK, and DOUBLE WHITE - http://green-works.nl, accessed 7.30.2017
Helleborus ‘Amethyst Glow’ - www.plantdelights.com, accessed 3.5.2018
HELLO02 - Helleborus ‘First Dance’ - www.plantdelights.com, accessed 3.5.2018
HELLO02 - Helleborus ‘New York Night’ - www.plantdelights.com, accessed 3.5.2018
HELLO02 - Helleborus ‘Spanish Flare’ - www.plantdelights.com, accessed 3.5.2018
HELLO02 - Helleborus ‘True Love’ - www.plantdelights.com, accessed 3.5.2018
Helleborus ‘Wedding Bells’ - www.plantdelights.com, 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


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.


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


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'
Heuchera 'Carnival Coconunt'
HEUC003 - Heuchera 'Carnival Coconut'
Heuchera 'Carnival Coffee Bean'
Heuchera 'Carnival Fall Festival'
Heuchera 'Carnival Limeade'
Heuchera 'Carnival Peach Parfait'
Heuchera 'Carnival Rose Granita'
Heuchera '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 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 blushed red even when mostly amber, margins richly incised, highly and finely undulate, like a jagged zipper line in fact, leaf backs magenta most of the season, the oldest leaves more of a dark amber-lime still with colorful margins. Or, in, ph: http://www.terranovanurseries.com/growers/heucherazipper-p-656.html, accessed 10.30.2016, image above copyright owned by and courtesy of Terra Nova Nurseries, bred from H. villosa, micrantha, and sanguinea.

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


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'

Heuchera PRIMO® 'Black Pearl'

Heuchera PRIMO® 'Pretty Pistachio' - US Plant Patent #29361
Heuchera PRIMO® 'Wild Rose' - 18-20 in. tall in flower, dense foliage mound, leaves shallowly lobed, dusky, metallic 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 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.


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 '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 Grechtn 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 in. wide, red in bud opening to hot cerise-red with a barely different, darker eye, floriferous, produced uniformly from the top to bottom of the shrub, not only at the apex as older clones. Leaves maple-shaped, dark green, densely placed. Or:


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

Hibiscus SUMMER SPICE™ 'Plum Flambe'
Hibiscus SUMMER SPICE™ 'Brandy Bleu'
Hibiscus SUMMER SPICE™ 'Pink Champagne'
Hibiscus SUMMER SPICE™ 'Amaretto'
Hibiscus SUMMER SPICE™ 'Ambrosia'
Hibiscus SUMMER SPICE™ 'Bleu Brulee'
Hibiscus SUMMER SPICE™ 'Creme de la Creme'
Hibiscus SUMMER SPICE™ 'Suzette'
Hibiscus SUMMER SPICE™ 'Grape'

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

IBER001 - Iberis ( sempervirens x gibraltarica) 'Masterpiece' (Google Patents)
IBER002 - Iberis sempervirens PINK ICE™ (Monrovia Nursery)
IBER003 - Iberis gibraltarica 'Lavish' (Darwin Plants, new 2014)
IBER004 - Iberis sempervirens 'Whiteout' (Kieft Seeds)
IBER005 - Iberis ABsolutely AMETHYST® is said to be the first lavender or lilac-toned perennial clone of the genus. Amethyst and lavender it will be... the claimed “purple” is for people with no sense of color. To that I say, I and many other people had this shade from Iberis gibraltarica decades ago and mine was hardy for some years in USDA 4 of upstate, Syracuse, New York of all rigorous places to test perennial hardiness. This is a fine plant, superior to random I. g. but it is vastly a rewrite of history to call it a first in the lavender perennial class. Rest in class., maybe... one of a few today (2014) but definitely not first. Now we add in the note that Monrovia, the big powerhouse, among others, says their I. sempervirens PINK ICE™ is the first pink perennial cultivar, a close shade in some lights and very lavender in bud. Isn’t it likely that their clone too borrowed a rosy gene or two from I. gibraltarica or less likely the popular but sometime semi-hardy I. umbellata.


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.


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.

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 season 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 omissions accept very minor ones as the base of young buds. Or, in: New World Plants.


**Kniphofia 'Scorched Corn'** - [https://www.waltersgardens.com](https://www.waltersgardens.com), accessed 3.4.2018

**Kniphofia 'Backdraft'** - [https://www.waltersgardens.com](https://www.waltersgardens.com), accessed 3.4.2018

**Kniphofia 'Flashpoint'** - [https://www.waltersgardens.com](https://www.waltersgardens.com), accessed 3.4.2018

**Kniphofia 'High Roller'** - [https://www.waltersgardens.com](https://www.waltersgardens.com), accessed 3.4.2018

**Kniphofia ‘Hot and Cold’** - [https://www.waltersgardens.com](https://www.waltersgardens.com), accessed 3.4.2018

**Kniphofia 'Lucky Lemons'** - [https://www.waltersgardens.com](https://www.waltersgardens.com), accessed 3.4.2018

**Kniphofia 'Orange Blaze'** - [https://www.waltersgardens.com](https://www.waltersgardens.com), accessed 3.4.2018

**Kniphofia 'Jackpot'** - [https://www.waltersgardens.com](https://www.waltersgardens.com), accessed 3.4.2018

**Kniphofia 'Poker Face'** - [https://www.waltersgardens.com](https://www.waltersgardens.com), accessed 3.4.2018

**Kniphofia 'Rockets Red Glare'** - [https://www.waltersgardens.com](https://www.waltersgardens.com), accessed 3.4.2018

**Kniphofia 'Solar Flare'** - [https://www.waltersgardens.com](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](http://www.farreachesfarm.com), accessed 6.7.2018, their own selection about 2008

**Kniphofia 'Happy Halloween'** - [https://www.ashwoodnurseries.com](https://www.ashwoodnurseries.com), accessed 5.4.2018

**KOEL001** - Koeleria glauca 'Tiny Tot' - [www.intrinsicintroductions.com](http://www.intrinsicintroductions.com), accessed 6.6.2018


**Lavandula 'Ghostly Princess'** - [http://plantsnouveau.com](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’**


**Leontopodium alpinum ‘Silvery Moonlight’** - [www.bockbioscience.com](http://www.bockbioscience.com), accessed 6.9.2018

**Leontopodium alpinum ‘Silvery Glacier’** - [www.bockbioscience.com](http://www.bockbioscience.com), accessed 6.9.2018

**Leontopodium alpinum ‘Silvery Delight’** - [www.bockbioscience.com](http://www.bockbioscience.com), accessed 6.9.2018

**Leontopodium alpinum ‘Silvery Chrystal’** - [www.bockbioscience.com](http://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 slightly informal and irregular for elegant appearance, generally the rays in 2 rows, usually reblooming in a second wave. Leaves dark green. Web: [http://www.waltersgardens.com/plants/view/?plant=2697](http://www.waltersgardens.com/plants/view/?plant=2697), accessed 10.25.2016


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.


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.

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


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 - Liguaria '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.


LIGU002 - Liguaria 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/Files/Product-Catalog.aspx?ProductId=264, accessed 10.29.2016, intro. 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/lcvari.htm. 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.ashpublications.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 PRECIOUS METALS 'Pontovia' - 12-16 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 selectciion 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 the well-distributed as wide stripes throughout the width of the blade, being 35-70% of the surface in some cases, "almost silver from a distance", appearing more narrow than species typical from images we have seen... Or, in: http://ozbreed.com.au/foilage-first-range/silverlawn-liriope-is-a-low-growing-contrast-plant-with-clean-variegated-foilage-foilage-first-range/, accessed 8.2.2016, noting "previous known as SILVERSTAR™ ". It should be noted that renaming of unregistered trademarks does not countervene any nomenclatural or trademark code or law and must be allowed if the originator suggests it.
Liriope muscari PINK PEARL™ 'VS0001' - 25cm tall x wide, dwarf to very compact, low for species. Leaves very thinly striped white to cream, chimera about 5-20% surface, sometimes favoring one margin or side over the other, not a bold variegate. Flowers pink, inflor. mostly within and only slightly above the foliage canopy per originator's images.


Video(Youtube): [https://www.youtube.com/watch?v=-RPD-S9RUY8](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](http://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)

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

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

LOBE004 - *Lobelia cardinals* '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-maron 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. Imagined at www.plantdelights.com by your editor and sold there.

XMAN002 - x Mangave ‘Jaguar’ - 2 ft 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


XMAN006 - x Mangave MAD ABOUT MANGAVE™ Inkblot

XMAN007 - x Mangave MAD ABOUT MANGAVE™ Mint Chocolate Chip


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

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


Miscanthus sinensis '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 '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 (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 registered 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) 'Eincelles' -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


MONA001 - Monarda 'Pardon My Pink' (Proven Winners)

MONA002 - Monarda SUGAR BUZZ Series (Walters Gardens)

MONA003 - Monarda 'Bees Knees' (Burpee, New for 2015)

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

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


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

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


Monarda SUGAR BUZZ 'Blue Moon'

Monarda SUGAR BUZZ 'Pink Frosting'

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

Monarda BEE-YOU™ 'Bee-Free'

Monarda BEE-YOU™ 'Bee-Lieve'

Monarda BEE-YOU™ 'Bee-Merry'

Monarda BEE-YOU™ 'Bee True'

Monarda GRAND MUM™ 'MCmum' - 15-18 in. tall, shorter, more compact, 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, slightly rugose and textured. Dr: mildew resistant. Pat, Or: US# 22136 to Campbell Davidson, Agriculture Canada, Research Station at Morden, Manitoba, as hybrid of unnamed plants in 2007, assigned to "Her Majesty the Queen in the right of Canada, as presented by the Minister of Agricultural and Agrifoods".

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

Monarda 'Leading 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.
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

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, chimera usually complete along the entire margin, coverage of chimera 20-60% surface, making for a very bright, bicolor variegated, leaf slightly more rugose than parent 'Blue Wonder' from which it sported. In: Terra Nova Nurseries. Photo above courtesy of Laurence Hatch, imaged at All-American Trial Garden, JC Raulston Arboretum, NC State University, July 2016. Images are not part of OROC Data Sharing.


NEPA003 - Nepeta caratia '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


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)

---

Oenothera berlandieri 'Leona' (Red Fox/Dummen, a special variegated clone)

---

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.

---

Ophiopogon planiscapus 'Windcliff Fragrant' (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.


---

Pachysandra axillaris 'Windcliff Fragrant' (Monrovia)

PACH002 - Pachysandra terminalis 'Cutleaf' (Raulston Arboretum, summer 2014)

PACH003 - Pachysandra terminalis 'Tiffany'. Plantdelights.com, accessed 4.15.2015


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.
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.

PACH007 - Pachysandra procumbens 'Eco Picture Leaf' (1/2002)
lc: more heavily mottled silver, especially in spring

PACH008 - Pachysandra procumbens 'Eco Treasure'
lc: more heavily mottled grey than species typical
or: Don Jacobs, Eco Gardens, Decatur GA USA

PACH009 - Pachysandra procumbens 'Forest Green'
ht: 18cm tall
ll: leaves larger, more uniform
lc: more regular, uniform motting, darker green base color
or: Dr. Richard Lighty before 1952 from Penn. State Univ. as chance seedling
in: Dr. Lighty c. 1992 under this name. Previously distributed without name.
rai: generally regarded as the best replacement for the species in gardens today.
so: online source requested
eval: Mike Dirr states he sees "minimal difference" between species and this clone.

PACH010 - Pachysandra procumbens 'Gary Lanham'
c: boldly marked grey, more so than species typical
or: Gary Lanham selected from wild in KY USA

PACH011 - Pachysandra procumbens 'Kingsville' (8/2003)
lc: highly marked silver, Asiatica Nursery says it is "the most beautiful form we have seen"
or: Henry Hohman, Kingsville Nursery
so: Asiatica Nursery (online catalog 2003), probably first introduction to retail US trade or at least
so: a reintroduction after many years.

PACH012 - Pachysandra procumbens 'Pixie' (2/2001)
ht: 4 in. tall x 12 in. wide - roughly 30-50% species height
ha: dwarf, more compact
fq: good flowering
or: Holden Arboretum OH USA
so: Plant Delights

PACH013 - Pachysandra terminalis 'Cabbage Leaf'
l: surface rough and cabbage-like (ie. Savoy Group)
so: catalog from source (Field Stone Gardens)

PACH014 - Pachysandra terminalis 'Gold Dust'
ht: 8-10 cm
lc: yellow
fd: 1mm wide.
or: James van Sanden of Hortech before 1997 as mutation
in: Hortech 1997

PACH015 - Pachysandra terminalis 'Green Carpet'
ht: 6-8 in.
ha: smaller, neater, more compact, less trailing than species, making a uniform carpet.
lc: darker and more glossy green

PACH016 - Pachysandra terminalis 'Green Sheen'
ha: Dirr reports lower vigor than species typical
lc: much more glossy than species typical - looks like sprayed with leaf shine in fact
dr: foliage is more spot resistant
or: Dale Chapman, Univ of Connecticut CT USA
lu: more heat tolerant in Southern US than typical species. The brighter, glossy leaf reflects
lu: more light in a shaded setting so it has an interesting effect.

PACH016 - Pachysandra terminalis 'Kingswood'
so: source (River Bend Nursery)

Pachysandra terminalis 'Silver Edge' = 'Variegata'

PACH004 - Pachysandra terminalis 'Variegata' ('Silver Edge', 'Silveredge')
ha: slower than species typical but by no means really slow. As a ground cover
ha: it is not vigorous but given time it will densely fill a space.
lc: margined and sometimes mottled creamy white, the newest growth
lc: sometimes close to light yellow. Blades are often sectored cream, usually most
lc: highly so near the apex or down one side of the blade. Fainter greyish sectors also
lc: occur. One notices the teeth more than species because they are often highlighted by
lc: chimeral tissue.
id: Schmid (2002) considers this plant to be "more irregular than 'Silveredge" in the margination.
id: Historically from literature and garden plants such a distinction is not known. It would be
id: good to name a clone that proves superior or different in the long run. This mutation is
id: so variable with climate, age, and time of year we believe this should wait for a comparative
id: trial.

Paeonia is not registered in the OROC system. Please your local or national peony society:
http://americanpeonysociety.org/cultivar-registration/peony-cultivars

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


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.

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

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


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


PENN001 - Pennisetum alopecuroides 'Ginger Love' - 2-3 ft. tall x wide. Inflorescence thick, red, 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, upright vasey, neater than most existing clones. Leaves green, becoming rich red in fall, having some orange tones too. Flower heads 5 in. long, smoky-purple at first, becoming tan. Selected by Gary Trucks, Amber Wave Gardens, Michigan, USA as improved 'Cassian' seedling.US Patent #20751.

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


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


PER0001 - Persicaria atriplicifolia 'Denim 'n Lace' - 28-32 in. tall x 34-38 in. wide, compact, semi-dwarf, stronger and more upright than older cultivars. Flowers faded denim blue (near sky blue) to lavender-blue effect due to purplish or amethyst calyx. Leaves appear more incised, lacy in appearance. Perennialresource.com, accessed 5.26.2015

PER0002 - Persicaria atriplicifolia 'Rocketman' - 30-36 in. tall, more narrow, neat vase-shaped form, not flopping, flowers lavender-blue. [https://www.google.com/patents/USPP27526](https://www.google.com/patents/USPP27526)

PER0003 - Persicaria 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 - Persicaria amplexicaule ‘Betty Brandt’ - 60cm tall, 80cm tall in flower, corolla pinkish-lilac. Selected by Jan Spruyt, vasteplant.be, accessed 5.17.2015, JS® trademark external to cultivar name, applied to many genera, not specific to this genus.

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

PERS006 - 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](https://www.marchantshardyplants.co.uk), accessed 5.4.2018

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

Phlox - the previous 940 cultivars are found in Hatch's Perennials, available at [https://books.google.com/books?id=88PLlwaA0BAJ&dq=hatch's%20perennials%20google](https://books.google.com/books?id=88PLlwaA0BAJ&dq=hatch's%20perennials%20google). We also recommend the RHS Horticultural Database as trademark and PBR rights appear to vary widely between Europe and North America.

PHL0001 - Phlox pulchra 'Bibb Pink'

PHL0002 - Phlox glaberrima var. triflora 'Forever Pink'. Plantdelights.com, accessed 4.15.2015

PHL0003 - Phlox x procumbens 'Pink Profusion'. Plantdelights.com, accessed 4.15.2015

PHL0004 - Phlox pilosa 'Bungalow Blue' - 15-18 in. tall. Flower head dense, domed, corolla light blue to pale lavender-blue, less a lavender-pink compared to species, each petal with two dark purple basal markings. US intro 2014 by Intrinsic Perennials


PHL0007 - Phlox amplexicaule 'Pink Painting'

Phlox paniculata 'Betty Volcano' - In, ph, so: [http://www.vasteplant.be](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 amplifolia 'Shemeneto' - 70cm tall. Flower corolla intense magenta-purple to violet-purple, stable colors, faint striping. Leaves very dark.

Phlox EARLY PINK DARK EYE
Phlox 'Violet Pinwheels'
Phlox 'Fashionably Early Crystal'
Phlox 'Fashionably Early Flamingo'
Phlox 'Fashionably Early Lavender Ice'
Phlox 'Fashionably Early Princess'

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

Phlox paniculata MAIDEN AMERICAN™ 'Jordan Schuster' - 30cm tall, internodes to 2cm long, compact, highly branched. Flower corolla well-scented, pin-wheel banded in shades of rich medium pink and white or rosy-white or medium pink suffused white or very pale pink at the tip, patterns varying. Or: Richard Saul, ItSaul Plants, Georgia, USA, US Plant Patent #26352 on Jan 26, 2016. Photo: http://www.itsaulplants.com/_ccLib/image/random/DETA-80.jpg
Phlox 'Blind Lion' - 70cm tall, compact, erect. Flowers "flowerless" (remain fixed in bud stage), corolla dark purple, mostly valuabel 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, Scottsdale, 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)


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


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

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


Primula is not a genus registered by the OROC collective.

PSOR001 - Psoralea psoraliodes 'Nash' - www.plantdelights.com, 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'.


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

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

PULS001 - Pulsatilla vulgaris 'Pink Smiley'

Pyanthemum pilosum 'Bees Friend'

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


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

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

RODG003 - Rodgersia 'Stoke Gabriel' - leaves pseudopinnate, much as Rodgersia pinnata, dark green, showy red petioles, Flowers white in elongated, arching inflorescences, showy red pedicels. A tricolored mix of green, white, and red shades at once. Selected by Heather Booker, National Rodgersia Collection UK, North Devon, England. 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 henrici CHERRY BLUSH® - 90-100cm tall. Flowers 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


Rudbeckia missouriensis 'Fairly Free' -

Rudbeckia subtomentosa 'Poligny'


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)


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


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

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

Pending - Salvia Wish Collection (Plants Management Australia) - see wideo below
information from the originator refutes that claim.


Salvia x microphylla ‘Little Kiss’ - flower bicolorized 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 ‘Candy Cream’ - 60cm tall x 45cm wide. Flower corolla "deep shell pink...when first open....creamy overlay which exudes from the throat becoming more apparent as the flower ages". Web: http://new-worldplants.com/product.php?product=139, accessed 11.12.2016


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 ‘Shangri-La’ (S. moorcroftiana x S. indica) -

Salvia nemorosa ‘ALKLFL’ - US Plant Patent #28393

Salvia x jamensis ‘Ignition Purple’ - https://www.google.com/patents/USPP27788
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 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 Salmon, 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 '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 large 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
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)
SARR004 - Sarracenia x moorei 'Conversation Piece' - www.plantdelights.com, accessed 3.5.2018
SAUR001 - Saururus crenuus 'Hertford Streaker' (Plant Delights) - slower, compact, not weedy or aggressive as species due to lower vigor of this variegated sport. Leaves heavily margined cream to white, chimera up to 80% surface, the central zone an irregular mix of light grey, silvery-green, and green patches forming the shape of an irregular toothed leaf shape (15-20% surface). Jesse Perry found as sport in Hertford, North Carolina USA, introduced by Plant Delights Nursery, Raleigh, North Carolina 2014.
SCAB002 - Scabiosa columbaria FLUTTER™ PURE WHITE - 12-14 in. tall, habit more compact, floral rays and disk pure white, large for this species.
SCHI001- Schizachyrium scoparium 'Standing Ovation' (Wayside Gardens) - 3-4 ft. tall x 12-18 in. wide, very erect, compact. Leaves rich light blue, tinged dark purple near the base, very bright orange, yellow, red, and purplish-brown fall coloration, blades thicker than species typical. US Plant Patent 25202 to North Creek Nursery.
SCHI002 - Schizachyrium scoparium 'Seasons in The Sun' - 90-110cm tall. Leaves bluish-green, becoming dark purple or purple tinged in late summer and fall.
SCHI003 - Schizachyrium scoparium 'Cinnamon Girl' - 65-80cm tall. Leaves dark red to cinnamon-red in fall, a bit of a dusky rose over green with some red before that.
SCHI004 - Schizachyrium scoparium 'Good Vibrations' - 100-120cm tall. Leaves steel blue to grayish-blue, no red or other fall colors but keeping this valuable blue sheen to contrast with the rest. Flower racemes much larger than typical, showy, tinged red.
SCHI005 - Schizachyrium scoparium 'Smoke Signal' - 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


SCUT001 - Scutellaria 'Scuttlebutt Violet'

SCUT002 - Scutellaria scordifolia 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)


SEDU004 - Sedum 'Cherry Truffle'

SEDU005 - Sedum 'Chocolate Drop'

SEDU006 - Sedum 'Raspberry Truffle'

SEDU007 - Sedum 'Desert Black'

SEDU008 - Sedum 'Desert Blonde'

SEDU009 - Sedum 'Desert Red'

SEDU010 - Sedum 'Rolling Rock'

SEDU011 - Sedum spurium 'Red Rock'

SEDU012 - Sedum ussurianum 'Chuwangsan' - 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.


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.
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.


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’ -


Smilacina stellata ‘Blue Dune’ (Plant Delights)
Solidago stricta 'Sceptre' - www.rarefindnursery.com

Solidago rhodoide 'Golden Feather' www.edulis.co.uk, accessed 4.22.2018

effectively a near, bright white, less gray or dull than species


Solidago canadensis 'Little Miss Sunshine'

Solidago rigida subsp. humilis 'Golden Rockets'

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


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

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

Stachys 'Divinity' (White Flower Farm)


Symphytum 'Moorland Heather' (Purple Comfrey)

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


TAN003 - Tanacetum macrophyllum 'Cream Klenza' - h: 100-200cm tall. lc: silvery-green, very showy. Im, It: 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". Im, It: more finely incised than 'Isla Gold'. fc: rays yellow


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

Thelypteris glanduligera 'Green Shag'
Copyright 2014. Laurence C. Hatch. All Rights Reserved. www.cultivar.org
Photo taken at www.plantdelights.com

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 cordifolia 'Octoraro'

Tiarella DIVA-RELLA™ ‘FM Moombean’

Tiarella cordifolia DIVA-RELLA™ ‘Sherry Kittto’

Tiarella cordifolia DIVA-RELLA™ ‘Stephanie Cohen’

TRAC001 - Trachystemon orientalis 'Sundew' - www.plantdelights.com, accessed 3.5.2018
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.
Trillium cuneatum 'Oconee Red' - www.plantdelights.com, accessed 3.5.2018

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

Trillium 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, Mississippi, a special silver-centered plant, grown from seed, so individuals will vary


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 silverly-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.


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.


VERN001 - Vernonia angustifolia 'Plum Peachy' (Plant Delights) - 48 in. tall. Leaves linear (as species), somewhat Amsonia-like before flowering. Flowers in open heads to 8 in wide, dark purple, larger heads than species typical. USDA 5a. Selected by Tony Avent from wild populations near Turner County, Georgia, USA, trailed as A2GA-003B.

VERN002 - Vernonia 'Southern Cross' (Intrinsic Perennials) - 36 in. tall x wide. Leaves dark green, 0.5 in. wide, dark green, remaining clean all season. Flower heads purplish-lavender, white filaments, petals very incised and lacy. Intrinsic Perennials from seed of V. lettermanii, but a blade much wider, likely an interspecific hybrid, introduced 2013.

VERN003 - Vernonia altissima 'Jonesboro Giant' (Plant Delights) - 144 in. tall, large for the genus. Leaves dark green. Flower heads dark purple to rich lilac. USDA 5a. Selected by Tony Avent, Plantdelights.com 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.

VER0001 - 'Blue Bomb' by Graham Rice (RHS, Parkers, new cultivar)

VER0002 - 'Aspire' (Terra Nova Nurseries, commercial website)

VER0003 Veronica 'Very Van Gogh' (Walters Gardens)

VERO004 Veronica 'Pure Silver'

VERO005 Veronica 'Hotel California' - 24 in tall in flowers. Leaves green at first, turning red by blooming time and remaining so later, giving a new contrast not normally seen. Flower spikes medium blue. Intrinsic Perennials, introduced 2015.

VERO006 Veronica 'Spike' - 12-15 in. tall in flower, foliage before flowering low, compact. Flower spikes very erect and elongated, medium blue to slightly violet-blue. Said to be improved over 'Royal Candles'. Intrinsic Perennials, intro. 2014.

VERO007 Veronica 'Pure Silver' - 12 in. tall, becoming 15 in. tall or more in flower, plant vigorous, and with improved longevity in borders. Leaves very greenish-silver to pale silver, showy. Flower 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, i.e. V. incana cultivars, handling heavy soils and moist, rainy conditions better, higher longevity in borders. Intrinsic Perennials, intro. 2009

VERO008 Veronica gentianoides 'Little Blues' - 15cm tall in flower, very compact. Flower color light blue with darker veins, yellowish center. Selected by Jelitto.com, their own seed strain, intro. 2015.

VERO009 Veronica longifolia MARIETTA® - 1.1.m tall. Flower corolla rich violet tones, panicle very sharp, long, and narrow.


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 its 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 '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

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)


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

Copyright 2016, 2017, 2018. Laurence C. Hatch. All Rights Reserved. Please refer to the OROC website for fair use and free use of this content.