

INTERNATIONAL REGISTER OF ORNAMENTAL PLANT CULTIVARS

**Woody Plants
Spring 2021**



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Chief Registrar**

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The editor encourages distribution to students, institutional staff, business clients, and library patrons. This is consistent with the mission of the OROC program to distribute cultivar registration to as wide a range of persons as possible for the least expense.

This 2021 issue of IROPC Woody Plants from the OROC (Open Registration Of Cultivars) project now covers **276 new and rare cultivars** since last year's 2020 Edition, making over 700 new registrations to collect and study in the last few years. Lord pity the collector who just has to have by compulsion everything in any genus!

This volume is dedicated to the thousands of horticultural technicians at institutions, gardens, nurseries, and universities around the world. They often make hundreds of crosses, nourish and plant out thousands of seedlings, travel extensively, stratify seeds for years, map endless acres, delicately divide TC plantlets, climb to collect cones or seeds or brooms, and root or graft untold numbers of new young plants to give us the new ornamentals cultivars we have today. And did I mention the hundreds of hours spent measuring and weighing things, entering big data necessary to sort things out and make gradual improvements to breeding lines and germplasm collections? And miles traveled to research sites, long, endless miles after an exhausting day in the field. They make the Ph.D.s and graduate students look good and so often keep them from looking bad. They notice branch sports and unique traits that others missed. Many innovate breeding, lab, or data procedures at the highest level of scientific merit. Their advice can be priceless and make a good breeding and evaluation program into a very great, legendary one. They keep alive that one stunted, dwarf or specially colored seedling that could easily die without extreme, intensive care. Others might not notice. With eyes, hands, and intuition they notice and speak up - and those findings genuinely count. They save the graft and regraft or recollect a rare scion that might otherwise be lost to history. Many of those fragile things that are observed and saved with tender care have become garden treasures admired around the world. Respect may only come in the form of their name appended to an academic paper cited 6 times in a decade, in some obscure, bound, soon to be dusty journal. Or not. Their "grunt work" with refined skill and passionate devotion in the hot, scorching sun and bone-chilling cold gives us the new plants we need and crave. To all of you hort techs we give our most devoted and sincerest thanks for work superbly done.

One of the positive results in the world of horticulture during this *annus horribilis* was that people stayed home, improved their private domains and personal castles, allocating funds to decorate them with more and better houseplants. Even people who once hated house plants are now fans and appreciate their value. "Would you like a hanging basket"? said the nursery guide. "No, I prefer to kill it the regular way" replied to customer. Tropical plant prices, particularly rare aroids and variegated in any genus went through the roof - and currently are still there. While the prices have yet to fall to reasonable levels for new cultivars in many genera, the love of interior foliage plants will likely continue as people's addictions continue. In time for this trend, we at Cultivar.org made our huge encyclopedia of interior plants, Hatch's Interior Plants, free to the general public as way to standardize nomenclature and inspire people to try new and rare material not reported before. We found some new clones being sold under 4-5 different names. We bought hundreds of dollars of plants, scanned and imaged them, and compared them. And if you ask why Hatch's is put in front of all my major titles I will say this. If you put your family name on something it gives you a bit more motivation and pride to make sure it's absolutely right and worthy of your heritage. I do it all for long line of Hatchs who gardened and farmed for centuries. "Grandma! Those are opium poppies!" I shouted one day as twelve year old. She insisted they were just ordinary, purple peony poppies and all her old lady friends had some.

A list of newly registered tropical, interior plants is found on the [main page](#).



Having produced one "catchup" volume of cultivar registration in hardy herbaceous perennials, we have frankly struggled to get enough volunteers or paid researchers to produce a new volume. The best solution I can find is to

continue my work on Hatch's Perennials 2021-2022 updates and include as many new cultivars as possible with as many updates as possible. We are now updating volumes with as few as five new cultivars. The price has been cut from \$82.00 for this huge set of volumes to just \$45.00, hoping those who want "all the perennials" in context will be more motivated to subscribe and help the cause. We cover everything from old varieties known in the 14th century to some released recently in 2021. I guarantee there is no other reference where you get can descriptions of this many cultivars with source links and histories: Ajuja=118, Astilbe=191, Baptisia=68 (more soon), Campanula=362, Cortaderia=66, Dicentra=56, Epimedium=159, Farfugium=82, Geum=193, Hibiscus (hardy herbaceous)=221, Leucanthemum=187, Miscanthus=192, Monarda=162, Phlox=971, Salvia=418, Sedum=340, Trillium=121, Yucca=97. Even more updates are in the works and you get them through the end of 2022 for the same subscription.



In this register we are adding the True Cultivar Count™ based on our full studies and the record in Cultivars of Woody Plants. This helps researchers, collectors, curators, and breeders determine how complete and full their collections are or are not. If you are only familiar with popular websites and tree manuals, these numbers may well shock you. There's much more out there in the world and even just America than most of us realize. And they are not all "me too" resemblant cultivars but some very unique, worthy stuff. These are conservative estimates based on the number of distinct clones or cultivar groups reported. Botanical taxa like subspecies, varieties, and formae are excluded from these counts. We do not include the hundreds of named or unnamed witches broom in coniferous genera or seedling numbers in evaluation, the majority of which are not in the trade, likely never will become available, and may represent a single specimen.



Missing a cultivar? Let us know and provide a link or as much data as you can. A JPG image is nice but not necessary. Updates are posted throughout the year on the OROC-NOW webpage. We have had over 100,000 views and downloads of our cultivar registers over the years, so this is a great way to bring free publicity to your new plant and even website. Take five minutes with an email and we'll have you covered and your new plant promoted.



After years of being bugged I finally decided to start The Juniper Society devoted to study of garden junipers, of which there are now over 1100 named cultivars floating around the world in collections and nurseries; though some are surely lost. Frankly, the major conifer and dendrological societies could care less (but definitely care more) for junipers and do a frightful job in covering them; descriptions so vague it hurts, muddled histories, and outdated nomenclature. It made sense to launch this as a free society in the form of a video journal on Youtube. While our total views are just at 241, the older Junipers We Need video has gotten over 7K hits. Give it a try, please: <https://www.youtube.com/playlist?list=PL1elzXmIVzo43nt2qfZvQPIUPTeEtt303>

THE JUNIPER SOCIETY

If you wish to support free, open cultivar registration please consider subscribing our full line of plant encyclopedia.

Cultivar.org

Learning from the best and growing the best,
Larry
ornamentals@lycos.com



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THE REGISTER

Abelia - **True Cultivar Count™** = 90

Abelia APPLE PERFECTION™ '00-BC-46-4' (4/2021)

ht: 4-5 ft. tall x wide

ha: compact, subglobose, requiring little or no trimming, internodes 1.2cm (mean)

fc: corolla whitish, sepal light green becoming tinged pink

fq: very floriferous

infl: larger panicles than most hybrids

lc: very glossy, medium green

pat, or: US# 32817 on 16 February 2021 to Carol Robacker and others, University of Georgia, Athens as
 pat, or: cross in 1998 of *A. chinensis* x *A. x grandiflora* 'Francis Mason', then backcrossed to *A. chinensis* 2000
 photo, source: <https://www.starrosesandplants.com/plants/abelia-apple-perfection/>, accessed 4.3.2021

Abelia x grandiflora CAMEL CHARM™ (4/2021) - <https://www.pepinieres-minier.fr/produit/abelia-x-grandiflora-caramel-charm-r-minacara1-cov>

Abelia x grandiflora 'Lady Peach' (4/2021)

ha: more compact than 'Lady Summerdream'

lc: irregular, wide cream margin, no yellow or orange tints as parent clone

pat, or: US# 31382 on 21 January 2020 to Klemens Keyzers, Germany as sport of 'Lady Summerdream' 2015

Abelia x grandiflora 'Little Lady' (4/2021)

ht: 29cm tall x 52cm wide

ha: compact, wider and more globose than parent 'Prostrate White'

fc: corolla dark pink

fq, fd: more floriferous than parent 'Prostrate White', 50-200 per plant, corolla also smaller

pat, or: US# 31410 on 28 January 2020 to Klemens Keyzers, m Kevelaer, Germany as sport of 'Prostrata'

pat, or: which is correctly patented and named in the US as 'Prostrate White', in 2015

Abelia x grandiflora MISS LEMON™

ht: 3-4 ft. tall

lc: bright yellow becoming cream with age, a wide margin

fc: corolla light-medium pink

photo, source: <https://southernlivingplants.com/the-collection/plant/miss-lemon-abelia/>, accessed 4.3.2021

Abelia x grandiflora PASTEL CHARM® - <https://www.pepinieres-minier.fr/produit/abelia-x-grandiflora-tricolor-charm-r-mincautricov>, accessed 12.5.2020

Abelia x grandiflora STEREDENN 'Levabes' - 1.5m tall x wide, globose, leaves margined creamy-white, flower corolla white. Source, photo: <https://www.andre-briant.fr/en/variety-range/access-to-varieties/novelties/4608-abelia-grandiflora-steredenn-levabes-.html>, accessed 5.21.2021

Abelia RASPBERRY PERFECTION™ 'Albesrpras' (4/2021)

ht: 3-4 ft. tall x 2-3 ft. wide

ha: compact, large mound

fc: blush to pale pink, calyx a medium pink, adding much color and prolonging floral show

fq: very floriferous

photo, source: <https://www.starrosesandplants.com/plants/abelia-raspberry-perfection/>, accessed 4.3.2021

Abelia ROSY CHARM™ '99-6-7' ('Cloud 99-6-7') (4/2021)

ht: 2.8m tall x 3.5m if unpruned

fc: corolla light pink, appearing rich pink to pinkish-purple due to numerous, large cherry-pink calyx lobes

infl: compound panicles very large, 31cm long x 11cm wide (mean)

bt: earlier in season by one week, longer season to, May through September in Athens, GA, 5-6 weeks

bt: earlier than 'Rose Creek'

lc: rich medium green

photo: <https://gardenersconfidence.com/plants/rosy-charm>, accessed 4.3.2021

pat, or: Dr. Carol Robacker and others, University of Georgia, Athens, Georgia as 1998 cross

pat, or: of 'Edward Goucher' and *A. chinensis*, from the University's breeding program devoted to this genus

Abelia x grandiflora SPARKLING CHARM® - <https://www.pepinieres-minier.fr/produit/abelia-x-grandiflora-sparkling-silver-r>, accessed 12.5.2021

Abelia x grandiflora 'Tanya' (5/2012) tentatively accepted name, RHS Hort. Database, accessed 5.12.2012

lc: normal green with a paler green, usually lime to yellowish-green center at about 33% surface, a very

lc: different type of chimera for this genus.

Abelia x grandiflora TRICOLOUR CHARM® - - <https://www.pepinieres-minier.fr/produit/abelia-x-grandiflora-tricolor-charm-r-mincautricov>



TWIST OF MANGO™ is notable for orangish to bronzy-gold tips, that is mango fruit colored, becoming a rich and uniform gold leaves, later more lime within the canopy. The twigs are reddish to brownish-red and quite thin. The apex is a bit more narrowly acute than some of the old gold material.

Abelia x grandiflora TWIST OF MANGO™

web: <https://www.gardendebut.com/plant/Twist-of-Mango-Abelia>, accessed 3.13.2021

Abelia RASPBERRY PERFECTION™ 'Albespras' (4/2021)

ht: 3-4 ft. tall x 2-3 ft. wide

ha: compact, large mound

fc: blush to pale pink, calyx a medium pink, adding much color and prolonging floral show

fq: very floriferous

photo, source: <https://www.starrosesandplants.com/plants/abelia-raspberry-perfection/>, accessed 4.3.2021

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photo: <https://gardenersconfidence.com/plants/rosy-charm>, accessed 4.3.2021

pat, or: Dr. Carol Robacker and others, University of Georgia, Athens, Georgia as 1998 cross

pat, or: of 'Edward Goucher' and *A. chinensis*, from the University's breeding program devoted to this genus

Abies amabilis 'Indian Heaven' - 6 ft. tall x 3 ft. wide (10 years). Foliage variegated mix of white and green. Or, source: <https://www.buchholznursery.com/>, accessed 5.22.2021

Abies concolor 'Jack' - https://www.coniferkingdom.com/abies-concolor-jack-_-white-fir/, accessed 12.5.2020

Abies nordmanniana 'Little Nordie' - 10 in. tall x 15 in. wide (10 years), dwarf, dense, flat-shaped bun. Or: Kate Brook Nursery as broom. In, source: <https://www.buchholznursery.com/>, accessed 5.22.2021

Acacia cognata 'Fettuccini' - 75cm tall x 1.0-1.2m wide, compact, a dense mound of cascading bright lime green leaves which are linear to narrowly lanceolate, yes "noodle-like", something like a cascading mound of willow leaves, also has a somewhat bamboo-like appearance, new tips slightly copper orange. Also grafted on a tall standard for a showy, loose, informal ball of foliage. The foliage is more twisted than 'Limelight'. web, photo:

https://www.pma.com.au/Plant/Plant.cshhtml?plant_id=212187451, accessed 5.21.2021. The Australian Patent Office shows this comparison among 5 cultivars of similar look:

http://pericles.ipaustralia.gov.au/pbr_db/image_detail.cfm?AID=35415220

Acer buergerianum BLOOD MOON® 'RustyAllen' - 30-35 ft. tall x 20 ft. wide, branches more upswept, compact, pyramidal, more subglobose with age, new leaves bright red to orange, becoming typical dark green, then reliably and showy shades of bright red to dark maroon (hence blood red), bark exfoliating in gray-brown-orange shades, adding winter interest. Pat: US# 32033 to Bold Spring Nurseries. Source, photo:

<http://www.boldspring.com/trees/abm-std>, accessed 5.23.2021

Acer buergerianum 'Jinling Hong' - leaves in fall reliably showy, dark red to bright purplish-red shades, color up to 60 days. Or: China.

Acer campestre STREET PILLAR 'Ruijgrok' - 5m tall x 2m wide (15 years), more narrow erect, stronger branching, dense crown, requires less or no pruning, shorter internodes than typical, salt tolerant, thus suitable for street tree use. Leaves are bright green, larger than typical, long petiole up to 29cm for a drooping, elegant position, yellow to green fall colors. Pat: EU 2020/2454. OrL Boomkwekerij L.B. Ruijgrok Vof, The Netherland.

Acer elegantulum 'Fendai' - new leaves rose-red to purplish shade shades, mature leaves "mostly pink", some pink and green mix, fall color green and yellow, samara fruit green with pink wings. Or: China bef. 2017.

Acer fabri 'Dongyun' - winter bus dark red, leaves green at firsts, later reddish-brown in winter to early spring. Or: China c. 2019. Not that this species is semi-evergreen where hardy in warm US climates.

Acer griseum COPPER ROCKET™ 'JFS KW22AGRI' - 25 ft. tall x 12 ft. wide, more narrowly columnar than species typical, branches more erect, leaves dark green in summer, bright red in fall, bark high showy in copper-brown shades, exfoliating well.

web: https://www.jfschmidt.com/pdfs/JFS_New_2021.pdf

Acer laevigatum 'Hong Long' - new growth a showy, glossy dark red to orangish-red. Or: J.C. Raulston Arboretum as seedling c. 2009. Photo: <https://jcra.ncsu.edu/horticulture/our-plants/results-by-name-serial-number.php?serial=130523>

Acer macrophyllum 'Golden Riddle' - leaves very large, gold to lime green tones. Source (Broken Arrow):

<https://d29wjyh4gwfh00.cloudfront.net/pdf/Trees-2021.pdf>, accessed 5.22.2021

Acer negundo 'Barabit's Compact' - 3-4m tall, more compact, dense, subglobose, regular outline, foliage much reduced in size, often clustered densely along branches. Or: presumed to be Barabit's Nursery, Hungary.

Hatch's Cultivars of Woody Plants 2018-2020



Laurence C. Hatch
Horticultural Taxonomist

Acer palmatum - no one knows how many cultivars there are for certain as new ones are discovered, bred, and named nearly every week if not by the day. Cultivars of Woody Plants has over 540 different ones with lots of plates, nursery catalog scans, histories, and so on. We have lots of data not in any of the Japanese maple or maple books.

Acer palmatum 'Bloody Talons' - leaves with folded, rounded, convex lobes that hook like talon of a raptor, color rich dark red. Name is a play on words as Talon Buchholz is the founder the nursery as well. Or, source:

<https://www.buchholznursery.com/>, accessed 5.22.2021

Acer palmatum 'Purple Curl' - leaf lobes folded, convex, curling, colored reddish-purple with greener midveins on each lobe.

Acer rubrum/x *freemannii* -  = 88

Acer saccharinum SYMATREE™ 'JFS H1' - 30 ft. tall x 20 ft. wide, upright oval, more compact, leaves light green, silvery below, yellow to burgundy red in fall, medium degrees of incision based on images, apex appears to be unusually prolonged, narrow, and sharply acuminate, also highly serrate, no fruit observed. Or: Dr. William Hoch, University of Wisconsin, grown from seed collected from a witches broom, thought to be sterile or non-fruiting, no flowers nor seeds have been observed in 20 years of evaluation. Source, photo:

<https://www.jfschmidt.com/introductions/symatree/index.html>, accessed 5.22.2021

Acer saccharum -  = 71

Aesculus -  = 113

Aesculus x *bushii* MYSTIC RUBY™ 'Aaron #1' <https://upshoothort.com/plants/mystic-ruby-buckeye/>, accessed 2.19.2019

ht: 14 ft. tall x 6 ft. wide (young trees)

ha: ovoid, moderately dense

fc: pinkish-red, some orange tints, appearly very dark red from a distance

lc: dark green

or: Michael Yanny, Johnson's Nursery, Milwaukee, Wisconsin

Aesculus x *marilandica* MYSTIC VISION™ 'Deck Select' (4/2021) <https://upshoothort.com/plants/mystic-vision-buckeye/>, accessed 2.19.2019

ht: 22 ft. tall x 18 ft. wide

ha: broadly ovoid to subglobose-erect, dense

fc: corolla yellow

lc: dark green, becoming rich burgundy to red shades in fall, 2 weeks longer than most

lt: hold foliage longer into season, no defoliation as other seedlings in the lot

or: Michael Yanny, Johnson's Nursery, seedling of *A. glabra*, later determined to

or: have *A. flava* as a parent also, 1990's

Aesculus parviflora 'UT Dwarf' - 5-6 ft. tall, shorter. Or: University of Tennessee campus, found by Don Shadow 1960's

Albizia julibrissin 'Evys Pride' - vigorous, leaves reddish-orange becoming brick red in fall, flowers dark pink.

Amelanchier arborea PINK DAMSEL™ 'Tift County' - 16 ft. tall x 20 ft. wide, small tree, well-branched, leaves light to medium green, more finely textured than typical, fall color red to orange shade, most notable for light pink flowers, fruit dark purplish-blue, abundant. Because of it's origin in Georgia, USA is has been proven heat, drought, and humidity tolerant. Source, photo: <http://www.boldspring.com/trees/atc-mst>, accessed 5.23.2021

Amelanchier canadensis OCTOBER FLAME® - <https://www.pepinieres-minier.fr/produit/amelanchier-canadensis-october-flame-r>, accessed 12.5.2020

Arbutus unedo MERCURIUS - <https://www.plantipp.eu/en/Plants/arbutus-unedo-mercurius-bocampbr-2/>, accessed 12.5.2020

Aucuba -  = 173 (more known, study in progress)

Betula -  = 185

Buddleia -  = 318

Buddleia davidii BUTTERFLY TOWER® - <https://www.pepinieres-minier.fr/produit/buddleja-davidii-butterfly-tower-r-tobud1305-cov>, accessed 12.5.2020

Buddleia davidii ROCKSTAR® AMETHYST - <https://plantariumdigitalexpo.com/novelties/buddleja-davidii-smnbdl-rocketstar-amethyst/>

Buddleia PINK PANTHER - <https://grootgroenplus.nl/uploads/2019/nieuwigheden/buddleja-davidii-ruttenfirst-pink-panther.pdf>

Buddleia Podarasnga1' Or: Peter Podaras involving B. davidii, crispa, alternifolia, and lindleyana.
<http://www.freepatentsonline.com/PP31829.pdf>

Buxus sempervirens 'Angel's Gift' - very wide creamy-white margin, more so than 'Elegantissima'. Or: Angels Gift Farms

Buxus sempervirens 'Emerald Gumdrop' - 24 in. tall x 20 in. wide, mounder to subglobose, stays neat, dwarf after 20 years, highly resistant to diseases and leaf miners. In: J.C. Raulston Arboretum c. 2020

Callicarpa -  = 31

Callicarpa americana 'Sugarloaf Hot Pink' - frc: bright pink, not fading to white or pale shades as 'Welch's Pink'. in: Nurseries Caroliniana

Callicarpa 'Muang' - flower heads large to 4.5cm wide, lavender-pink, fruit numerous violet-lavender. Or: Hatori Kazuro, Japan, before 2014, intro. by Zippo Co. Ltd. Pat: Japan 29615

Calycanthus floridus SIMPLY SCENTSATIONAL® 'SMNCAF' (2/2021)

ht: 6 ft. x 4-5 ft. wide

ff: highly scented, true pineapple and bubblegum notes

fc: dark maroon, about typical but darker than some perhaps

or: Tim Wood, Spring Meadow Nursery as hybrid, proven over 18 years

web: <https://springmeadownursery.com/plantfinder/simply-scentsational-08260>, accessed 12.5.2020

Campsis -  = 48

Carpinus caroliniana WISCONSIN RED™ 'My Select Strain' - 15-20 ft. tall x 10-15 ft. wide, broadly ovoid, notable for reliably showy fall color in mostly red shades, some bright and glowing, others dark burgundy to maroon, also having some orange and yellow.

Or: Michael Yanny, JN Plant Selections, Wisconsin, USA, perhaps the best of his 35 years work to improve this species by selection of clones.

Source, photo: http://www.heritageseedlings.com/page_1030_40/carpinus-caroliniana-wisconsin-red-my-select-strai

Caryopteris incana BEYOND PINK'D™ - <https://springmeadownursery.com/plantfinder/beyond-pinkd-09210>, accessed 12.5.2020

Cephalanthus occidentalis RED MOON RISING™ 'SMCBM' - 6-10 ft. tall x wide, foliage red to green tinged red in fall, showy, fruit cluster rich red, also showy. source, photo: <https://www.pridescorner.com/plant-name/Cephalanthus-occidentalis-Red-Moon-Rising>

Cercidiphyllum japonicum 'Yuki's Yellow' - new leaves golden-yellow in spring, becoming more green. Source (Broken Arrow): <https://d29wjyh4gwf00.cloudfront.net/pdf/Trees-2021.pdf>, accessed 5.22.2021

Cercis -  = 92

Cercis siliquastrum 'Showgirl' - habit more erect, neat, suitable for smaller spaces, not rambling, spreading, and so irregular as the species typical.

Cercis 'Wavecrest' (*C. chinensis* x *C. canadensis*) - very rare, floriferous hybrid. Or: Wavecrest Nursery, Michigan, USA, named in 2018

Chamaecyparis lawsoniana HAYWIRE® - <https://springmeadownursery.com/plantfinder/haywire-12060/>, accessed 11.30.2020

Chamaecyparis pisifera -  = 239

Chamaecyparis pisifera [Filifera Group, f. filifera] 'King's Gold' - https://www.coniferkingdom.com/chamaecyparis-pisifera-kings-gold_kings-gold-sawara-false-cypress/, accessed 12.6.2020

Chilopsis linearis FLOWERKISSER™ EVERPINK - Flower corolla light pink, darker and gold throat markings, blooming up to 4 weeks each summer, seedless.

<https://www.highcountrygardens.com/plant-finder/new/chilopsis-flowerkisser-everpink-desert-willow>, their own introduction

Chionanthus retusus 'Chunxue' - flowers 10 days earlier than species typical, also young plants blooming in one year as young grafts, proven cold and drought resistant in Chinese trials.

Chionanthus retusus (Norfolk weeping) clone, not intended as a cultivar name - Lsp, photo: <https://jcra.ncsu.edu/horticulture/our-plants/results-by-name-serial-number.php?serial=116624>

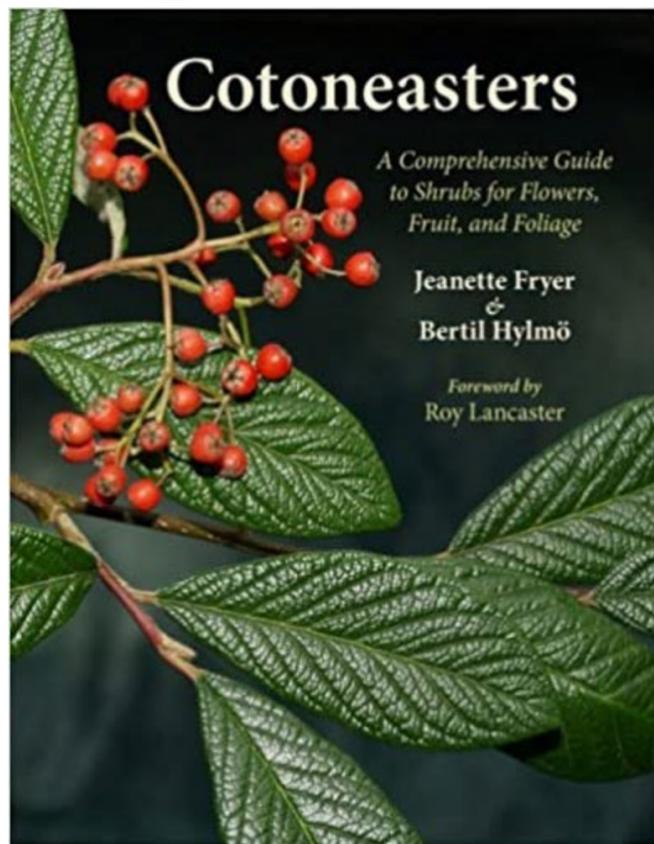
Cornus -  = 613

Cornus alba MIRACLE 'Verpaalen2' - 2m tall x wide, twigs red, showy as typical, leaves margined bright pink on dusky rosy-green to reddish-green becoming margined cream with maturity, back to intense purplish-pink shades in fall pat: EU 2020/2630. Or: Boomkwekerij Verpaalen vof, The Netherlands.

Cornus 'Eric Gennet' (*C. kousa* x *C. capitata*) - semi-evergreen where hardy, leaves orangish-red and showy in fall, floral bracts blush to near white, tinged red to lightly mottled red and darkened pink shade.

Cornus florida 'SFCH1702' - upright, more erect than 'Cherokee Chief', "less likely to spread branches transversely", resistant to snow loads, "extremely large, heart-shaped and vivid purplish-pink marginal bracts", many flowers on lower limbs, "elegant rose-like fragrance", powdery mildew resistant. Pat, or: US# 32307 on 13 October, 2020 to Tadayasu Tsunoda, Aichi, Japan, open pollination of 'White Love' with "several red-bracted pollen parent cultivars" from 2006 onward.

Corylus avellana MEDUSA 'JWW9' - as 'Contorta' with showy twisted branches and ornamental aments (catkins) but more compact, less brittle, branching more strongly. Pat: EU57577. Or: Jan-Willem Wezelenburg, The Netherlands. Web: <https://newplants.nl/en/plants/corylus-avellana-medusa-/>, accessed 5.21.2021



Cotoneaster - our nomenclatural standard for all taxa, cultigenic or wild, is Fryer and Hylmo's monograph which details scores of cultivars and even successfully includes keys to all the species, including some very rare ones. This book is widely available from online book sellers and is highly recommended for sorting out this tricky group of valuable plants.

Cotoneaster AUTUMN INFERNO® - <https://firsteditionsplants.com/product/autumn-inferno-cotoneaster/>, accessed 12.6.2020

Cryptomeria - **True Cultivar Count™** = 212, excluding forestry clones

Cryptomeria japonica 'Funny' - <https://grootgroenplus.nl/cryptomeria-japonica-funny-2>

Cryptomeria japonica 'Kyara Gold' - foliage irregular, not dense, spiralled much as 'Rasen', heavily tinged yellow, becoming chartreuse to lime green. Aw: GrootGroenPlus 2020 Bronze.

Photo: <https://www.kvbc.nl/cryptomeria-japonica-kyara-gold/>, accessed 5.21.2021

Cryptomeria japonica SERAMA 'FM5' - as 'Cristata' with highly fasciated, thick and fan-like sprays among normal shoots, some very twisted and irregular but more compact than the original cultivar, which is well known to reach heights over 20 feet, becoming irregular and open. Pat: Eur. PVR 2019/0298. Or: F.H.L. Moering, and John-Willem Wezelenburg, The Netherlands. Web, photo: <https://newplants.nl/en/plants/cryptomeria-japonica-serama/>, accessed 5.21.2021

Cryptomeria japonica 'Toad' - 50cm tall x wide, compact, subglobose, branches rope-like, forked and branched, needles very short and closely spaced. Or: Van Art Boomkwekerijen, The Netherlands. Web, photo: <https://newplants.nl/en/plants/cryptomeria-japonica-toad/>, accessed 5.21.2021

Cunninghamia lanceolata 'Greer's Dwarf' - dwarf, compact, needled shorter, very low and spreading at first.

Cupressus guadalupensis 'Greenlee's Blue Rocket' - columnar, dense, very narrow compared to species typical in gardens, foliage silvery-gray. Or: John Greenlee, Pomona, California. source: smgrowers.com, accessed 5.18.2021

Cyrilla racemosa 'Tom Patrick' - dense, compact yet still very floriferous. In: Atlanta B.G., named for a notes Georgia botanist.

Cytisus scoparius 'Dukaat' (4/2021) - photo: <https://kurowski.pl/en/catalogue-plants/1/1/plant/75,cytisus-scoparius-dukaat>

Davidia - **True Cultivar Count™** = 15

Deutzia crenata 'Full Pull' - a listed name with www.esveld.nl, not described. Data requested.

Diospyros virginiana 'Meadowland' - 40-50 ft. tall x 30 ft. wide, vigorous, pyramidal at first, useful for shade tree purposes, maturing to subglobose-ovoid, notable for very large leaves which give it a tropical foliage plant look, reliable yellow and

showy in autumn colors, proven with ease of transplanting (an issue in this species for nurseries), fruit edible to "so far, sprarse". Boldspring says "we are the only knucklehead nursery you ever heard of to grow a cultivar of our native persimmon for ornamental purposes, but at our age we may just be stuck in our ways". Source, photo: <http://www.boldspring.com/trees/df6-std>, accessed 5.23.2021

Distylium CAST IN BRONZE™ - <https://southernlivingplants.com/the-collection/plant/cast-in-bronze-distylium/>, accessed 12.6.2020

Enkianthus campanulatus PRETTYCOAT 'JWW10' - 1.5-2.0m tall, compact, subglobose, well-branched, leaves dark green, stems dark red and showy, flowers numerous bright white to blush with subtle darker venation.

Pat, or: EU55280 to Jan-Willem Wezelenburg, The Netherland

Web, photo: <https://newplants.nl/en/plants/enkianthus-campanulatus-prettycoat/>, accessed 5.20.2021

Eucalyptus gunnii SILVERANA® - <https://www.pepinieres-minier.fr/produit/eucalyptus-gunnii-silverana-r-lon40-cov>, accessed 12.5.2020\

Euonymus -  = 228

Euonymus fortunei SUMMER RUNNER- <https://conceptplants.com/varieties/euonymus-fortunei-summer-runner-mickaela/>

Euonymus japonicus 'Easy Hedge' - 30-50cm tall x 60cm wide, more compact than 'Tom Thumb' or 'Green Rocket', leaves rich lime green to emerald green, becoming darker, "edged in a paler shade of green". A low and slow maintenance hedge. photo: <https://www.australianplantsonline.com.au/euonymus-easy-hedge.html>, accessed 5.22.2021

Euonymus japonicus IRISH MINT® - <https://southernlivingplants.com/the-collection/plant/irish-mint-euonymus/>, accessed 12.6.2020

Fagus -  = 154

Fagus sylvatica 'Black Rainne' - leaves open blackish-purple, maturing to rich reddish-purple, incised like 'Asplenifolia' but perhaps deeper at time. This is the much needed and used purple version of 'Asplenifolia' which is a look most of the Rohan hybrids have yet accomplished.

Fagus sylvatica 'Cheeky Slab' - provisional registration. Widely listed in Russia and Poland. Description needed. The first local I found it, yet not described there is: https://floraplanet.com/catalog/rasteniya_i_cveti/fagus_sylvatica_cheeky_slab-28303, accessed 2021.

Fagus sylvatica MIDNIGHT FEATHER™ 'Verschourfag1'- leaves rich purple, shaped broadly elliptic to lanceolate, narrow and feathery at first, later shaped like 'Asplenifolia', incised to deeply serrate. Said to be similar 'Rouge Minaret' but with a wider blade. Pat: EU 2020/1298. Photo: <https://www.kvbc.nl/vier-planten-bekroond-met-kvbc-award/>, accessed 5.21.2021

Forsythia -  = 107

Forsythia x intermedia 'Ashmount Gold' ('Ashmount') - 1.25m tall, semi-pendulous, compact, flower medium yellow, wide petal. Or: Ireland.

Forsythia x intermedia BELEIVE IT OR NOT® 'MNICH01'

ha: compact, neat

fc: as 'Lynwood Gold'

lc: all yellow at first, becoming broadly margined yellow, stable chimera, often 50% of

lc: surface, giving out of season interest

or, pat: Christine Hobbs, Dearing, Georgia as branch sport of 'Lynwood Gold' 1997

in: licensed to McCorkle Nurseries, Dearing, Georgia

photo: <https://gardenersconfidence.com/plants/believe-it-or-not>, accessed 3.28.2021

Fothergilla x intermedia LEGEND OF THE SMALL™ - <https://springmeadownursery.com/plantfinder/legend-of-the-small-27000>, accessed 12.5.2020

Forsythia x intermedia SHOW OFF STARLET® 'Minfor6' (3/2021)

ht: 2-3 ft. tall x wide, shorter and denser than original SHOW OFF™ 'Mindor'

ha: compact, erect to subglobose, vigorous, freely branching but dense

fq: abundant flowers, densely held along stem, "freely and continuous" over a longer period

dr: Phytophthora resistant

or, pat: US# 24361 on 1 April 2014 to Patrick Pineau, Beaufort en Vallee, France as

or, pat: pollination of 'Courdijau' 2004

in: Pepinieres Minier, France

photo: <https://springmeadownursery.com/plantfinder/show-off-starlet-26740>

Forsythia koreana FLYING MACHINE® 'Sunny' (3/2021)

ht: 60-96 in. tall x 48-72 in. wide

fc: "golden-orange" (SMN)

fd: "enormous" (SMN)

ch: USDA 6a

in: Spring Meadow Nursery and Proven Winners 2021source, photo:

<https://www.provenwinners.com/plants/forsythia/flying-machine-forsythia-koreana>

Gardenia jasminoides GOLDEN CROWN 'Rolaro' - leaves narrowly elliptic linear-lanceolate, irregularly margined light yellow to cream, flowers full double, irregular and undulate. Or: Ronald P.H. Laman, Queensland

Gardenia jasminoides DIAMOND SPIRE® 'Leefive' - <https://southernlivingplants.com/the-collection/plant/diamond-spire-gardenia/>, accessed 12.6.2020

Gardenia jasminioides SWAN Series:

- SWAN MAIDEN® - 3 ft. tall x 4 ft. wide (8 years), dense, compact, flowers numerous in spring, single, narrow petal base for a pinwheel effect
- SWAN PRINCESS® - 2.5 ft. tall x 3 ft. wide, compact, flowers numerous, often reblooming later, full-sized, double to semi-double, center not always full, showing gold stamens much of the time.
- SWAN QUEEN® '4MARIAJ01' - 4 ft. tall x 5 ft. wide, dense mound, leaves glossy dark green, flowers abundant, reblooming well, full double. Said to be highly pest and disease resistant with cold tolerant.

Gardenia jasminoides STEADY AS SHE GOES™ 'Prince Charles' - <https://springmeadownursery.com/plantfinder/steady-as-she-goes-27890>, accessed 12.5.2020

Gardenia jasminoides WHITE GOLD 'Parplatinum' - 1m tall x 1.5m wide, habit much as 'Magnifica', narrow, flowers full double to semi-double, pure white fading to gold and yellow shade, often a bicolor look.Or, pat: John Robb, Paradise Seed Co., Australia 2012

source, photo: http://www.paradisepplants.com.au/Plants/Plant.aspx?plant_id=634

Gaultheria procumbens BERRY CASCADE™ - - <https://assets-briggs.s3.us-west-2.amazonaws.com/2019/07/Gaultheria-BERRY-CASCADE-info-sheet.pdf>, accessed 12.6.2020

Gaultheria procumbens CHERRY BERRIES™ - <https://www.briggsnursery.com/plant/gaultheria-procumbens-gaulsidh5-ppafcpbraf-cherry-berries/>, accessed 12.6.2020

Gaylussacia brachycera 'Berried Treasure' - <https://assets-briggs.s3.us-west-2.amazonaws.com/2019/07/Gaylussacia-BERRIED-TREASURE-info-sheet.pdf>, accessed 12.6.2020

Ginkgo -  = 305

Ginkgo biloba 'Kronkel' ('Peve Kronkel', 'Peve Twisted' npcginkgo.org, accessed 1.1.2021) Mesterhazy, Conifer Treas. 9.0 (2020), photo only

ha: slightly twisted, thought to be similar to 'Robbie's Twist' but of different origin

or: Piet Vergeldt, Holland

Ginkgo biloba LEMONLIME SPIRE 'Menhir'; - 5m tall x 1m wide, vigorous, fastigate, compact, shorter than typical, perhaps semi-dwarf, requiring little or no pruning, leaves bright lime-green becoming a clear yellow in fall. Male, seedless. Leaves are more incised than most erect clones, often 3-6 lobed.

photo, source: https://www.pma.com.au/Plant/Plant.cshtml?plant_id=212187451, accessed 5.21.2021. While sold also as 'Lemonlime Spire' the Australian patent record shows 'Menhir' as the cultivar name. 'Menhir' is also sold under the trademark name GOGO™ as well as 'Gogo' and lastly as SKINNY FIT™ by Spring Meadow Nursery. Are indeed all the clones the same under six different name and format combinations?

Ginkgo biloba 'Magnifica' <https://www.connonnurseries.com/plant/Ginkgo-biloba-Magnifica>, accessed 1.1.2021, post-1959 Latin, invalid, requires a new name

ll, ls, lm: larger blades than typical, elongated, deeply lobed

lc: more bluish-green

Ginkgo biloba 'Maytown' npcginkgo.org, accessed 1.1.2021, perhaps an error for 'Mayfield', a similar clone

ha: fastigate, narrow

sex: male

Ginkgo biloba 'Mephisto' npcginkgo.org, accessed 1.1.2021

ll, lm, ls: large blades, much incised

afc: reliably a bright, showy gold

or: Josef Hahnl, Australia 2007

Ginkgo biloba 'Mighty Morris' Rich's Foxwillow Pines Mesterhazy, Conifer Treas. 2014, not listed by richsfowwillowpines.com when accessed 1.1.2021

ha: neat form

or: from a notable tree in Morris, Illinois

Ginkgo biloba 'Ming The Weeper' ('Ming Weeping') npcginkgo.org, accessed 1.1.2021

ha: pyramidal with horizontal main limbs, laterals very pendulous, drooping

sex: female

in: Charles Hunter, Iowa, USA

Ginkgo biloba 'Nauvoo Spreader' npcginkgo.org, accessed 1.1.2021

ha: upright but later spreading

or: Nauvoo, Illinois, USA from a notable tree

Ginkgo biloba 'New Age Variegated' provisional registration - richsfowwillowpines.com, accessed 1.1.2021, name only

Ginkgo biloba 'Piedmont Pillar' - semi-erect to columnar, leaves and petiole smaller than 'Princeton Sentry', Or: Glenn Fenton, Piedmont, Victoria as seedling.

web: http://pericles.ipaustralia.gov.au/pbr_db/plant_detail.cfm?AID=35418205, accessed 5. 22.2021

Ginkgo biloba 'Scruffy Butterflies' - a listed name at <https://www.npcginkgo.com/npcginkgo>, accessed 5.1.2019, described when accessed 1.1.2021

ls, lm: irregular, wide-spreading butterfly-wing shape, bifid or not

Ginkgo biloba 'Snake' - a listed name at <https://www.npcginkgo.com/npcginkgo>, accessed 5.1.2019, later described when accessed 1.1.2021

ha: strongly erect, distinctly pendulous in time

ls, lm: deeply lobed, distinctly serrate

afc: reliably a bright, showy gold

in: Charles Hunter

Ginkgo biloba 'Stefan Batory' npcginkgo.org, accessed 1.1.2021

or: University of Life Sciences, Poland, named for a former Polish king

Ginkgo biloba 'Vanilla Swirl' (1/2021)

ha: compact

lc: striped vanilla cream color

or: Whistling Gardens, Ontario, Canada

Gleditsia triacanthos NORTHERN SENTINEL - web: https://www.jfschmidt.com/pdfs/JFS_New_2021.pdf

Hamamelis virginiana 'Little Prospect' - leaves boldy and irregularly margined light to medium yellow, chimera easily 35-50% surface, irregular green central "tree", holding good color all summer. Flowers typical yellow, well-scented. Or: Robert Wilkinson, Walnut Hills Farms as sport. <https://www.plantdelights.com/products/hamamelis-virginiana-little-prospect>, accessed 12.5.2020

Hebe 'Leopard Spot' - <https://www.plantipp.eu/en/Plants/hebe-l-leopard-spotpbr-2/>, accessed 12.5.2020

Hedera - numerous new, rare, taxonomically revised clones - https://members.tripod.com/~Hatch_L/hiphederaAL.pdf



Hedera helix (perhaps from subsp. *hibernica* aka *H. hibernica*) 'Argarai' is a bright, colorful marginate, a vast improvement over the common 'Glacier' type clones in the trade. Registered with OROC by Iñaki Garmendia of Spain. Images courtesy of the originator.

Hedera helix 'Golden Fire' - photo: http://www.hinshu2.maff.go.jp/vips/cmm/file_library/30000/26893/26893_3_1.jpg

Hedera helix GRAFIK® E 'Edvin' - leaves classically 5-lobed, dark green, distinct and showy bright silver to whitish-silver veins to tertiary level, blades 3.5-5.0cm long, smaller bladed.



Hedera helix 'Hodei' has a pleasant thin white margin and bullate, textured, and very undulate blades. It reminds us a little of 'Bettina' but the leaves are more 3-lobed in general and the margination a bit less regular and more narrow. Registered with OROC by Iñaki Garmendia of Spain. Images courtesy of the originator.

'Patricia'



'Lakeview Yellow'



Hedera helix 'Lakeview Yellow' is said to be an all yellow sport of 'Yellow Ripple' but in our trials so far it appears more like an all yellow version of 'Manda's Crested', being undulate and greenish-yellow to chartreuse. 'Patricia' is here for comparison and is not a new cultivar. It was offered at Etsy.com by Lakeview Nurseries in Spring 2021 under this name and Cultivar.org obtained this plant at the time.

Hedera helix 'Tiny Feather' - leaves unlobed and broadly lanceolate or shallow 3-lobed, usually asymmetrical, light green broadly edged in cream. Or: Suda Masanao, Japan before 2007.



Hedera maroccana 'Alhaja' is a boldly margined clone of this with massive blades. This species is known in the US but often the forms are sold as *H. canariensis* such as it's popular *L. maroccana* 'Neon', a bright all-gold plant. Registered with OROC by Iñaki Garmendia of Spain. Images courtesy of the originator.

Hydrangea - excluded genus for OROC. However, cultivars will appear in CWP over time.

Ilex AIM HIGH™ Series -

or: Dr. John Ruter, University of Georgia, Athens as hybrids of *I. crenata* x *I. maximowicziana* 2010

- ARROW POINT® 'RutHol4' - 10 ft. tall x 6 ft. wide (7 years),. wide, narrowly conical, neat, leaves "clear green:, soft to touch, lacking spines, new tips burgundy red. Spider Mite resistant.
- BULLSEYE® "RutHol2' - 3-6 ft. tall x wide, but easily maintained smaller, dense, subglobose, remaining neat with little or no pruning, leaves 2.5-3.0cm long (larger than most *I. crenata*), spine-free, burgundy red in tips. Spider Mite resistant.
- JADE LANCE™ 'RutHol3' - 10 ft. tall x 2 fr. wide at first, later 15 ft. tall x 3 ft. wide, narrowly columnar, will not split or flop with age, leaves burgundy red in in tips becoming glossy dark green, lacking spines, soft to touch texture. Resistant to spider mite damage.

Ilex crenata CHUBBY HUBBY™ 'MAD-IC-I' - 2.0m tall x 1.9m wide, broadly columnar but US Patent app image is clearly ovoid, "exceptional strong branches that do not splay", leaves thick, coriaceous (leathery), dark green, not discoloring in winter, pest resistant, sex female with black fruit. Or, pat: US# 32035 on 4 August 2021 to Dr. Mike Dirr as open-pollination of 'Sky Pencil' 2007, this a selected single best seedling. Web: <https://firsteditionsplants.com/product/chubby-hubby-japanese-holly/>, accessed 12.6.2020

Ilex crenata 'Golden Rock' ('Northern Lights') - broadly erect, 0.5m tall, leaves bright golden-yellow to margined and marginally suffused yellow, variable, new growth often all gold, leaf elliptic, 1.9cm long x 9mm wide (mean), apex serrate with 2-5 teeth, much longer than old 'Aurea' and some others based on the 'Convexa' type leaf. Or: Uwe Renken, Weismoor, Germany as sport of 'Golden Gem' 2000. Pat: <https://patents.google.com/patent/USPP20062>

Ilex crenata 'Land Green' - pyramidal, compact, requires little pruning, leaves dark green, similar to 'Stokes' in leaf shape but more compact, pyramidal, and vigorous than it. Pat, or: US# 32278 on 6 October, 2020 to Jose Luis Landin Outon, Pontevedra, Spain as chance seedling 2009, various cultivars grown in the area from which it might have been crossed.

Ilex crenata LUXUS LINGOLD 'Adorne' - leaves elliptic to broadly lanceolate, boldly and broadly margined medium to light yellow, chimera about 24-45% surface, some shoots all yellow, others up to 85% variegated with small amounts of green. This is apparently not the same as 'Adorned', a gold-margined sport of 'Hoogendorn' (narrower blade?) discovered by Pat McCracken in the US.

Ilex crenata 'Robustico' - mounded to subglobose, very dense.

Ilex crenata STRONG CAROLINE 'Annys99' - <https://www.plantipp.eu/en/Plants/ilex-crenata-strong-caroline-annys99pbr-2/>, accessed 12.5.2020

Ilex LUCKY LEAF™ 'EN1' - 6 ft. tall x 8 ft. wide, mounding-globose, leaves red in tips, later glossy dark green, showy red fruit. USDA 6. Pat: US# 28904

Ilex x meservae MADEMOSELLE™ 'Madez' - <https://upshoothort.com/plants/mademoiselle-holly/>, accessed 12.6.2020

Ilex x meservae MAGICAL AMORE ROSSO™ 'Seiholly' - vigorous, erect, fruit very numerous, red, showy. Or: Thomas Seidler, Germany. Widely listed in European online catalogs as a cultivar. photo, web: <http://www.hollysocam.org/test-hollies.htm>, accessed 5.21.2021, the Holly Society 2020 Test Holly of the year.

Ilex opaca 'Oh Sunny Day' - leaves all yellow to gold. Or: Tony Avent, Juniper Level B.G. found wild in Arkansas in 2014, thought to be the first wild-collected gold form, all the others being sports found in cultivation. Not yet for sale.

Ilex rotunda RED DOT® - <https://www.pepinieres-minier.fr/produit/ilex-rotunda-red-dot-r-minzong-cov>, accessed 12.5.2020

Ilex verticillata B-43-4` patent: <http://www.freepatentsonline.com/PP31749.pdf>

Illicium -  = 36

Illicium floridanum 'Breezy Hill' - habit denser, leaves darker than species typical.

Itea virginica 'Crawfish Boil' - floriferous, notably more heat resistant given it's origin: Or: Maarten van der Giessen, collected in Anite Parish, Louisiana near the bottom of it's range.

Itea virginica FIZZY MIZZY™ 'SMNIVMM' - 2-3 ft. tall x wide, semi-dwarf to compact, leaves thicker, darker green, flowers numerous, pure, well scented. Or: Megan Mathey, Michigan, USA as hybrid.

photo: <https://springmeadownursery.com/plantfinder/fizzy-mizzy-50730>, accessed 12.5.2020

Juniperus horizontalis -  = 156

Junipers of the World:
The genus *Juniperus*
4th Edition



Dr. Robert P. Adams

Juniperus - we deeply regret that Dr. Robert P. Adams of Baylor University, the greatest ever taxonomist for the genus Juniperus, both wild and cultivated taxa, passed away in December 2020. We would be far more clueless, confused, and frankly wrong had he not sorted out the wild species on which our cultivars are based. Unlike like most accomplished botanical taxonomists, Adams was not the least bit afraid to tackle garden material and did so with skill and awareness. His work formed a complete, horto-botanical taxonomy of one of the most difficult genera to get right, having over 1200 taxa in the wild and gardens. By the way, he placed most of the Cupressus species (saving *C. sempervirens*) with genus *Hesperocyparis* and then only have very extensive DNA work. His last or nearly last paper was a very useful DNA analysis of juniper cultivars at Windsor Great Park in the UK along with John Anderson, Keeper of the Gardens with special reference to *J. chinensis* clones of garden origin. The conclusions as to hybrid parentage and species affinity are overwhelming bold and conclusive. This paper is highly recommended:

https://scholarworks.utrgv.edu/cgi/viewcontent.cgi?article=1012&context=hbs_fac

The 4th Edition of Junipers of World is available for a low as \$19 in paperback. It covers mainly wild material:

<https://www.amazon.com/Junipers-World-Genus-Juniperus-4th/dp/1490723250>

Juniperus scopulorum BLUE IVORY 'Klaverjun' - irregularly columnar, shoot apices erect, narrow at times, somewhat filiform but not drooping, foliage rich blue, tips mostly white. Should be compared to the older, existing 'Sparkling Skyrocket' which mottled cream over the entire foliage mass (not as much on the tips) and perhaps even more fastigiate. photo: <https://www.kvbc.nl/juniperus-scopulorum-klaverjun/?lang=en>

Juniperus virginiana 'Butterfield' - upright, strong central leader, uniform, foliage bright gold in both winter and hot summer, "soft", based on US Patent image it appears to in layered, fern-like sprays similar to *Chamaecyparis pisifera*. Pat, or: US# 32538 on 1 December 2020 to Keith Westerveld, Manhattan, Kansas, US, chance seedling 2014 in Lyon County, Kansas

If you find this document useful please consider supporting our research by subscribing to Cultivars of Woody Plants (CWP), our primary source of funds for this OROC Woody project. Click the logo below or [here](#) to find out more information about the largest encyclopedia of ornamental trees, shrubs, and vines available in any medium. No where else can you find 6500 pages of solid data and detailed descriptions with huge, high resolution images that is now over 14 gigabytes in size. There are hundreds of cultivars not found in standard references. Our original research into cultivar history and cultivar literature is expensive and time-consuming. We do all the work for you. This \$89.00 reference would cost many hundreds of dollars if it were published in print form - and even then you'd not be able to get free cultivar updates through 2022. Find out why the world's leading horticultural taxonomists, curators, plant breeders, rare plant collectors, nurserymen, design professionals, plant materials consultants, and others rely on CWP.

Hatch's Cultivars of Woody Plants

2021-2022 Edition

Lagerstroemia BARISTA® series:
or: Walters Gardens, Michigan, USA

- 'Brew Ha Ha' - 2.5 ft. tall x wide, leaves very dark bluish-green, flower corolla "bubblegum" pink, very large inflorescence, buds dark burgundy
- 'Cool Beans' - 3.0 ft. tall x wide, globose, leaves dark olive green, new tips rosy red, flowers red in bud opening to medium salmon pink
- 'Cherry Mocha' - 2.5 ft. tall x wide, stems burgundy red, showy, leaves semi-glossy burgundy red becoming a dark green, flower color rich cherry pink to near magenta
- 'Dark Roast' - 2.0 ft. tall x wide, compact, globose, leaves very dark green, stems red, flowers bright fuchsia pink from dark red buds
- 'Lava Java' - 3.0 ft. tall x wide, leaves very dark green, corolla magenta rose
- 'Like a Latte' - 2.5 ft. tall x wide, leaves coppery-red to burgundy red become glossy reddish-green to green veined dark red, flowers coppery red in bud opening to near white
- 'Peppermint Mocha' - 2.5 ft. tall x 3.0 ft. wide, leaves glossy, dark green, stems red, one of their more floriferous clones, "well-defined panicles", corolla medium rose-pink
- 'Perky Pink' - 3.0 ft. tall x wide, leaves dark olive-green, flowers "true pink", appear slightly lavender-pink in images
- 'Sweet Macchiato' - 3.0 ft. tall x 3.5 ft. wide, leaves dark blush-green, glossy red tips, flowers red in bud, opening a bright hot pink, showy gold stamens

Leucothoe axillaris CURLY GOLD - much as 'Curly Red' but new growth a true gold tinged red -
<https://www.plantipp.eu/en/Plants/leucothoe-axillaris-curlly-gold-opstal-55pbr-2/>, accessed 12.5.2020

Leucothoe axillaris TWISTING RED® - an improvement on the older 'Curly Red', similar twisted, bright red new growth.
<https://www.plantipp.eu/en/Plants/leucothoe-axillaris-twisting-red-opstal20pbr-2/>, accessed 12.5.2020



DARK DIAMOND® among the super dark reds is one of the most compact and dense.

Leucothoe DARK DIAMOND® 'Blule1801'

ht: 30-60cm tall x 40-60cm wide

ha: compact, neat, well defined foliage mass

lc: new growth rich, dark burgundy red, later green tipped red, finally all glossy green

ll, lw: 8-10cm long x 4cm wide

or: Ron van Opstal, Zundert, intro. 2019

photo, source: https://www.havlis.cz/karta_en.php?kytkaid=4177, accessed 5.2.2021

Leucothoe fontanesiana 'Makijaz' (5/2021)

ha: compact, mounded

lc: irregularly mottled white to cream, new growth reddish

dr: similar to 'Girard's Rainbow' but lacking disease concerns

aw: Plantarium Bronze 2008

pat: PBR EU 30742 to Michal Kaluzinski

photo: <https://plantipp.eu/uk/varieties/Leucothoe%20Makijaz>, accessed 5.2.2021

Ligustrum - **True Cultivar Count™** = 157

Ligustrum x ibolium 'Quackin Happy Moondrops' - 8-12 ft. tall, leaves margined creamy-yellow. Or: Wayne Paquette, Quackin' Grass Nursery. Source (Broken Arrow): <https://d29wjyh4gwfh00.cloudfront.net/pdf/Deciduous-Shrubs-Mar-2021.pdf>, accessed 5.22.2021



Ligustrum ibota MUSLI 'Muster' (5/2021) is distinct among many variegates in this genus, notably the very dark green center with gray and silver periclinal overlays, The marginal chimera is a true yellow, pleasantly and artfully variable in size and shape. The best of leaves are about 50% yellow, making for a rich, bold look. It originated in Switzerland by Johann Muster and is protected by EU PBR #34961. It is received the Bronze Medal at the 2011 Plantarium. It is currently unknown in the US in 2021 as far as listings are concerned but is widely known in continental Europe and the UK.

Ligustrum japonicum 'Little Moon' (5/2021)

ht: 2 ft. tall x 30 in. wide

ha: true dwarf, suitable for foundation or bonsai use

ll: about 1/3 species size

ls: distinctly broadly ovate to suborbicular

infl: small panicles just 1-2 in. long

or: Bobby Green, Green Nurseries, Fairhope, Alabama, USA

ns: it is also sold under *L. lucidum* by Plant Delights Nursery

photo, source: <https://nurcar.com/products/ligustrum-japonicum-little-moon>

Ligustrum lucidum 'Curly Wurly' (5/2021)

lc: margined creamy yellow

ls: pleasant twisted and curled

Ligustrum lucidum GREEN SCREEN 'Bokrascreen' (5/2021)

ns, id: listed name for an improved hedging clone

Ligustrum x *vicaryi* is now being placed with *L. ovalifolium* 'Vicaryi' as it proves to be a cross of two clones in the one species, no *L. vulgare* in the DNA. Based on this paper:

Edwards, D., Griffin, J.H.C. and Armitage, J.D., 2015. A molecular and morphological investigation into the origins of *Ligustrum* × *vicaryi* (Oleaceae) with consideration of its nomenclature. *New Journal of Botany*, 5(2), pp.101-119.

Liquidambar -  = 107

Liquidambar styraciflua FIREHOUSE™ 'JFS KW1LS'(3/2021)

ht: 50 ft. tall x 25 ft. wide

ha: pyramidal, dominant central leader, branching angle resistant to ice and snow

lc: dark green, becoming bright, uniformly showy red in fall

lt: defoliates early

prop: seed production "light to none"

or: found on a residential street in Oregon, USA web: https://www.jfschmidt.com/pdfs/JFS_New_2021.pdf

Liriodendron -  = 37

For the record, the hybrids of *Liriodendron chinense* × *L. tulipifera* are correctly assignable to the hybrid species name *L. x sinoamericanum* based on the following publication. We have three named clones of it in CWP:

P.C.Yieh ex C.B.Shang & Zhang R.Wang. *J. Nanjing Forest Univ.*, Nat. Sci. Ed. 36(2): 1 (2012).

Liriodendron tulipifera 'Snowbird' (5/2021)

lc: margined light yellow to cream becoming near white on the edge, chimera 35-50%,

lc: never as gold or greenish-yellow as 'Aureomarginatum', a very distinct and bright variegation.

or: Elliott Groves, Stepping Stone Nursery, New Zealand bef. 2018

Lonicera -  = 403 (more coming, revision in progress)

Lonicera japonica 'Hwangryong' - leaves entire golden-yellow, stems reddish to reddish-brown, contrasting. Or: North Korea.

Lonicera nitida GARDEN CLOUDS® COPPER GLOW 'GRLN03' - 90cm tall x 60cm wide, leaves copper at first, becoming rich, dark green, leaves small and boxwood like, serving as replacement for *Buxus* as more disease tolerant and winter hardy (to -18 deg. C.). Pat: EU2020/0660. Or: Guido Rouwette.

<https://www.plantipp.eu/en/Plants/Lonicera-nitida-garden-clouds-copper-glow-grln03pbr-2/>, accessed 12.5.2020. Video: <https://www.youtube.com/watch?v=-XQ2X4AutTw>

Lonicera nitida GARDEN CLOUDS® GREEN BREEZE - much as COPPER GLOW but leaves a very bright, lime green to pale green

Lonicera nitida GARDEN CLOUDS® PURPLE STREAM - much as COPPER GLOW but purple tips becoming purplish-green.

Magnolia PINK PYRAMID - <https://www.plantipp.eu/en/Plants/magnolia-pink-pyramid-mgpin2010pbr-2/>, accessed 12.5.2020

Magnolia 'Watermelon' - <https://www.plantipp.eu/en/Plants/magnolia-watermelon-mgwat2011bpbr-2/>, accessed 12.5.2020

Mahonia -  = 94

Malus SNOW CRYSTAL web: https://www.jfschmidt.com/pdfs/JFS_New_2021.pdf

Malus spectabilis 'Duojiang' - leaves bright yellow (RHS 14A), new tips reddish to orange, showy, flower semi-double but can be single too, 3.5-3.9.cn wide, corolla pink (RHS 68C, 70C), leaves more glossy than parent 'Riversii'. Or: China as bud sport of 'Riversii'.



'Stellar Ruby'. Better color, better plant form, better hardiness. Blooming more heavily and on young plants as well. Image copyright owned by and courtesy of Pat McCracken.

Magnolia figo (Michelia figo) 'Stellar Ruby' - 10-15 ft. tall x 6-8 ft. wide, foliage dense, narrowly pyramidal, neater and less sprawling than species typical seedlings, tepals rich pinkish-red, rosy-purple to dark ruby red, well scented in the usual banana-like manner, blooming well on young plants, also more floriferous than some darker forms like 'Purple Queen'. USDA 7a, more cold hardy than some stock including 'Purple Queen'. It's a shade I usually call violet-red. Pat: US# 29778 on 30 October 2018 to Pat McCracken, Zebulon, North Carolina, USA 2004 as controlled hybrid of var. crassipes and var. skinneriana in this species, selected as unique in 2010. Video: <https://www.youtube.com/watch?v=Lhn6tFjt0Tw>

Metasequoia - **True Cultivar Count™** = 49

Metasequoia glyptostroides 'Bizzarger' - very open, irregular, quite twisted. Or: Bill Barger
https://www.coniferkingdom.com/metasequoia-glyptostroboides-bizzarger-_-dawn-redwood/, accessed 12.5.2020

Metasequoia glyptostroboides 'Daweswood Tawny Fleece' (formerly 'Dawes Arboretum W.B.' in catalogs) - dense, dwarf, subglobose, foliage bronzish-green to tawny-brown in fall. Or: sport about 2010 at Dawes Arboretum, Newark, Ohio, USA in their genetic conservation collection, distributed under the provisional name, the arboretum officially naming it in 2017. Web, photo: <https://mrmapple.com/products/buy-metasequoia-glyptostroboides-dawes-arboretum->

w-b-dwarf-bronze-dawn-redwood

Metasequoia glyptostroboides 'Soul Fire' - leaves yellow to lime green, tinged pink to reddish "rosy orange frosting" in new growth but effectively yellow-gold from a distance much as 'Ogon', gives a two-toned effect up close. Or: Andy Schenck, Sam Brown's Nursery c. 2019.

web, photo: <http://plantsnouveau.com/plant/metasequoia-soul-fire/>, accessed 12.5.2020

Nandina -  = 85

Nandina domestica COOL GLOW™ LIME

Nandina domestica COOL GLOW™ PEACH

Nandina domestica COOL GLOW™ POMEGRANATE - <https://firsteditionsplants.com/product/cool-glow-pomegranate-nandina/>, accessed 12.6.2020

Nandina domestica CURLY OBSESSED - <https://www.plantipp.eu/en/Plants/nandina-domestica-curlly-obsessed-pb01pbr-2/>, accessed 12.5.2020

Nandina domestica RED LIGHT - <https://www.plantipp.eu/en/Plants/nandina-domestica-red-light-nrl2015pbr-2/>, accessed 12.5.2020

Nyssa -  = 35

Olea europaea MEDITERRANEAN™ MIDGET - 1.0-1.5m tall x wide, promoted as silvery-green hedge, non-fruiting so no unwanted wildlife attention or mess. Source, photo: <https://www.plantnet.com.au/shop/ornamental-trees/mediterranean-midget/>, accessed 5.23.2021

Parthenocissus quinquefolia KIRIGAMI® - leaves distinctly incised, large long teeth, very drooping, bright red in fall. web: <https://www.pepinieres-minier.fr/produit/parthenocissus-quinquefolia-kirigami-r>, accessed 12.5.2020

Photinia x fraseri 'Black Jack' - 60cm tall, smaller plant than 'Red Robin', new growth very dark blackish-red (RHS 175B compared to , not medium to dark red as other cultivars, leaves 108mm long x 27mm, smaller than 'Red Robin' (115 x 44mm), thus finer in texture. Or: Eric Wallace Jordan, New South Wales

Photinia x fraseri 'Little Fenna' - <https://www.plantipp.eu/en/Plants/photinia-fraseri-little-fennapbr-2/>, accessed 12.5.2020

Physocarpus opulifolius ALL BLACK® - <https://www.pepinieres-minier.fr/produit/physocarpus-opulifolius-all-black-r-minall2-cov>, accessed 12.5.2020

Physocarpus opulifolius ANGEL GOLD® 'Minange' - 4-5 ft. tall (10 years), leaves rich yellow, becoming chartreuse and lime, finally more green, flowers pinkish-white, showy to semi-showy.

Picea abies 'Amber Flickers' (1/2021)

ha: slow, pyramidal at first

lc: suffused yellow to dark amber, a different shade than others of this cross

or: Bob Fincham as 'Acrocona' x 'Gold Drift'

Picea abies 'Decak' <https://www.coniferkingdom.com/picea-abies-decak/>, accessed 1.31.2021

ha: densely globose at first, later more conical to upright, 6-9 in. a year

lc: yellow at first, becoming medium green with a yellow dusting or suffusion

or: Czech Republic, named for the town where it was discovered

"The Queen of Evergreens." Surpassing in elegance and grace. A perfect vernal fountain the year round.

ABIES Excelsa.....	Spruce, Norway.....	2	.30	2.50
— —	“ “	3	.50	4.00
— —	“ “	4	.75	6.00
— —	“ “	5	1.00	8.00
— —	“ “	6	1.25	10.00
— — Conica.....	“ Conical.....	4	2.00	
— — Elata.....	“	1 to 1½	1.50	
— —	“	3	3.00	
— — Gregoriana.....	“ Gregory's Dwarf.....	1½	2.00	
— — Inverta	“ Inverted Branched.....	1	1.25	10.00
— —	“ “ “	2	2.00	
— Globosa Lovettii.....	“ Lovett's Globe.....			

A variety originating in these nurseries, and named by Parsons and Sons' Company, Flushing, N. Y. It grows in a multitude of small branches, and forms a dense globe, without the aid of shears or pruning-knife. Growth moderate, attaining a height of six feet, in as many years, with rich dark green foliage. From its habit and color it is an exceedingly fitting companion for the popular conical spruce. Like it, is adapted to all ornamental grounds—especially those of limited extent, where trees of large growth cannot be introduced. No trees for sale at present.

'Globosa Lovettii' has escaped older reference works and appears here in the Hance Nursery Catalog of 1879. It seems to be lost, at least under this name. 'Globosa' is much older and originated in Europe.

Picea abies 'Goblin' <https://www.coniferkingdom.com/picea-abies-goblin/>, accessed 1.25.2021

ha: compact, pyramidal to subglobose, 2-3 in. growth a year

lc: "rich green" (Conifer Kingdom)

ha: "nice neat formal ball...10cm per year" (Larch Cottage 2010)

so: <http://www.larchcottage.co.uk> (online catalog, August 18, 2010)

Picea abies 'Golden Rods' <https://www.coniferkingdom.com/picea-abies-goldenrods-specimen-1903/>, accessed 1.25.2021

ha: pyramidal, many shoots horizontal, other at 45 degrees and standing out distinctly as "rods",

ha: not weeping as "fairly symmetrical" (Conifer Kingdom)

lc: golden-yellow becoming green

or: Bob Fincham as 'Acrocona' x 'Golden Drift'

Picea abies 'Lemon Drop' (1/2021)

ha: slow, denser than most seedlings of this cross, semi-pendulous to mounded

lc: rich golden-yellow becoming green the second year

or: Bob Fincham, one of his several crosses from 'Acrocona' x 'Gold Drift'

Picea abies 'Lemon Joy' <https://www.coniferkingdom.com/picea-abies-lemon-joy/>, accessed 1.25.2021

ha: erect, pendulous lower limbs

lc: yellow to greenish-yellow

or: 'Acrocona' x 'Gold Drift', one of a few clones from this cross.

Picea abies 'Rastocow' https://www.coniferkingdom.com/picea-abies-rastocow-_-norway-spruce/, accessed 1.25.2021

ha: dwarf, foliage said to be "thin", has a P. pungens look based on images

lc: lighter green to bluish-green

Picea abies 'Silakrogs' https://www.coniferkingdom.com/picea-abies-silakrogs-_-norway-spruce/, accessed 1.25.2021

ha: dwarf to semi-dwarf, 1-3 in. growth a year, fine textured

ll: shorter needles

or: Europe

Picea abies 'Susan' https://www.coniferkingdom.com/picea-abies-susan-_-norway-spruce/, accessed 1.25.2021

ha: narrowly weeping

lc: bluish-green

or: Susan Jones, Manager at Mitsch Nursery, Oregon USA found as seedling below

or: some 40+ year old weeper at the nursery.

Picea asperata 'Jeff Philips' (3/2021) <https://conifersociety.org/conifers/picea-asperata-jeff-philips/>, accessed 3.13.2021.
Small, flat-globose as young, growth 1-2 inches a year, later more erect, , symmetrical and horizontal branches, needled bluish-gray, thicker. Or: Jeff Philips, employee at Bedgebury Pinetum, England as broom about 2018.

Picea balfouriana 'Filips Conical' - densely pyramidal as a whole but formed of numerous erect, narrow shoots with very small, blue to grayish-blue leaves, almost a pyramid of straws. Or: Edwin Smits Nursery 1997, considered typical of species for a time but later in 2016 is proved very different and unique. so, photo:
<https://www.edwinsmitsconifers.com/filipdetail.asp?id=43>, accessed 3.13.2021

Picea glauca -  = 116

Picea glauca 'Blue Lagoon' (3/2021)

ha: dense, globose

lc: light blue to bright bluish-green

or: Mike and Cheryl Davison as witches broom

so, photo: https://www.coniferkingdom.com/picea-glauca-blue-lagoon-_-white-spruce/, accessed 3.13.2021

Picea glauca 'Blue Teardrop' (3/2021)

ha: broadly pyramidal, dense teardrop form with age

lc: rich blue to blue-green

ll, lw: smaller, much reduced needles, giving a fine texture

or: Coenosium Gardens, Aurora, Oregon location as sport of 'Echiniformis'

so, photo: https://www.coniferkingdom.com/picea-glauca-blue-teardrop-_-white-spruce/, accessed 3.31.2021

Picea glauca 'Del Val' <https://conifersociety.org/conifers/picea-glauca-del-val/>, accessed 3.13.2021

ha: miniature, from broom, growth 1 in. a year or less

Picea glauca 'Dodge 'em' - https://www.coniferkingdom.com/picea-glauca-dodge-em-_-white-spruce/, accessed 12.5.2020

Picea glauca 'DQ Gold' (3/2021)

ha: medium to regular vigor, 5-8 per year

lc: gold tips, often tinged orange

or: Josef Braeu found near a Dairy Queen (DQ) restaurant

so: <https://www.coniferkingdom.com/picea-glauca-dq-gold/>, accessed 3.13.2021

Picea glauca 'Echiniformis Variegata' provisional registration - <https://conifersociety.org/conifers/picea-glauca-echiniformis-variegata/>, accessed 3.13.2021, almost certainly a post-1959 Latin, invalid name, requires a vernacular name if proven distinct.

Picea glauca 'Filips Moon Mountain' (3/2021)

ha: multiple, mountain-like heads

lc: medium green as 'Alberta Globe'

or: Edwin Smits Nursery as sport of 'Alberta Globe' 2008, <https://www.edwinsmitsconifers.com/filipdetail.asp?id=22>

Picea glauca 'Josefs Legacy' (3/2021)

ha: compact, dense, subglobose

lc: bluish-green, interesting rounded terminal buds

or: Josef Braeu, Edelweiss Nursery, posthumously named in his honor

so, photo: https://www.coniferkingdom.com/picea-glauca-josefs-legacy_josefs-legacy-white-spruce/, accessed 3.13.2021

Picea glauca 'Ryder's Blue' (3/2021)

ha: compact

lc: bluish-green, showy orange buds

so, photo: <https://www.coniferkingdom.com/picea-glauca-ryders-blue/>, accessed 3.31.2021

Picea glauca 'Scotia Spider' <https://conifersociety.org/conifers/picea-glauca-scotia-spider/>, accessed 3.13.2021

ha: upright, open, snake-like or spider-like branching, apices often hooked, sparse branching

lc: bluish-green, 1-2 feet per year, thus very vigorous

or: Bill Journeay found in Lunenburg County, Nova Scotia, Canada 1991

reg: American Conifer Society 2011

Picea koyamae 'Bedgebury Blue' - https://www.coniferkingdom.com/picea-koyamae-bedgebury-blue-_-koyama-spruce/, accessed 12.5.2020

Picea koyamae 'Bedgebury Cascade' - distinctly pendulous, inverted type, bluish-green, never so blue as 'Bedgebury Blue' which is upright and different in habit.

Picea pungens -  = 263

Picea pungens 'Barabits Blue' Mesterhazy, Conifer Treasury 1995

ht: 4.5 ft. tall x 2.5 ft. wide (10 years)

ha: upright, slower but not dwarf, dense, 4-6 inches a year

lc: rich silvery-blue

or: Elmer Barabits, Sopron, Hungary as seedling 1975

photo: <https://conifersociety.org/conifers/picea-pungens-barabits-blue/>, accessed 3.13.2021

Picea pungens 'Sharp Cheddar' (3/2021)

ha: pyramidal

lc: new tips chartreuse, becoming a cheddar gold at their bases, persisting long

or: Matt Deates, Wisconsin as seedling, named by Dax Herbst, a play on *pungens*=sharp plus cheddar color

so, photo: https://www.coniferkingdom.com/picea-pungens-sharp-cheddar-_-colorado-spruce/, accessed 3.13.2021

Picea pungens 'Utica' (3/2021)

ha: dwarf to miniature, 1-2 in. a year

lc: rich frosty blue

or: Pete Gerard found in NY, presumably Utica NY

so, photo: https://www.coniferkingdom.com/picea-pungens-utica-_-colorado-spruce/, accessed 3.13.2021

Pieris japonica LITTLE GOLDY - <https://www.plantipp.eu/en/Plants/pieris-japonica-little-goldy-opstal-65pbr-2/>, accessed 12.5.2020

Pinus strobus -  = 305

Pinus strobus 'Blue Fountain' www.coniferkingdom.com, online catalog, accessed 4.10.2021 (4/2021)

ha: elegant form of 'Pendula', made so by less rigid, thin branches

lc: silvery, blue-green

Pinus strobus 'Blue Petticoats' www.coniferkingdom.com, online catalog, accessed 4.10.2021 (4/2021)

ha: narrowly weeping

ll, lc: longer, bluer than 'Pendula'

or: Jim Boyko, seedling of 'Pendula'

Pinus strobus 'Bobs Whiskers' (4/2021) www.coniferkingdom.com, online catalog, accessed 4.10.2021

ha: stiffly pendulous, needles more clumped and whisker-like

or: Bob Fincham, seedling of 'Pendula'

Pinus strobus 'Brutus' <https://dawesarb.arboretumexplorer.org/taxon-25895.aspx>, accessed 4.10.2021

ht: 6-10 ft. tall x wide

ha: compact, dwarf, globose in time, "dense formal mound" (Dawes), soft texture

lc: dark green, turning yellowish-green in winter

or: Ohio State University, Columbus, Ohio USA, as witches broom, named for their football mascot

Pinus strobus 'Chipmunk' www.coniferkingdom.com, online catalog, accessed 4.10.2021 (4/2021)

ha: globose, very soft to touch

lc: bluish-green

ll: longer than species typical

Pinus strobus 'Dirigo Abenaki' www.coniferkingdom.com, online catalog, accessed 4.10.2021 (4/2021)

ha: slow, compact, similar to 'Sea Urchin'

lc: light green to silvery-green

Pinus strobus 'Dirigo Pequawket' www.coniferkingdom.com, online catalog, accessed 4.10.2021 (4/2021)

ha: dwarf, soft textured

lc: bluish-green

ll: shorter

or: Glen Lord, as broom

Pinus strobus 'Greenlace' <https://dawesarb.arboretumexplorer.org/taxon-25927.aspx>, accessed 4.10.2021

ht: 22 ft. tall x 16 ft. wide (25 years, original tree)

ha: needle fascicles distinctly drooping for a lace-like texture, elegant form

lc: silvery-green

or: State of Illinois Nursery, found among seedling, possibly a cross to *P. wallichiana*

Pinus strobus 'John's Find' <https://dawesarb.arboretumexplorer.org/taxon-25938.aspx>, accessed 4.10.2021, see photo

ht: 4 ft. tall x 8 ft. wide, always wider than tall

ha: irregular, horizontal to semi-pendulous and arching

Pinus strobus 'Lasting Beauty' ACS Database, accessed 4.10.2021

ha: erect, perhaps irregular, semi-dwarf

lsp: Bickelhaupt Arboretum, Iowa since before 2004

Pinus strobus 'Slim Gem' <https://dawesarb.arboretumexplorer.org/taxon-25976.aspx>, accessed 4.10.2021

ha: fastigiate to columnar

or: found in wild near Highlands, North Carolina, USA

Pinus strobus 'Pendula' - it's history has been a mystery for decades, very vague or absent from most conifer books. Our research has uncovered the origin of two 'Pendula' clones in Europe and documented them with literature and illustration scans. This whole fascinating history is available in the newly revised *Pinus strobus* volume of *Cultivars of Woody Plants*.

Pinkneya breactata 'Precocious' - flowers pink, blooming earlier than typical. Or: Juniper Level B.G. c. 2020

Platanus -  = 47

Platanus x acerifolia (*x hispanica*) SPARTAN 'Heijms' - branches more strongly upright, most notable for bright orange to reddish-orange new growth, becoming typical green with maturity. Pat: EU 2019/1436. Source, photo:

<https://newplants.nl/en/plants/platanus-hispanica-spartan/>, accessed 5.23.2021

Podocarpus -  = 97

Prunus laurocerasus BONAPARTE® - <https://www.plantipp.eu/en/Plants/prunus-laurocerasus-bonaparte-flippi01pbr-2/>, accessed 12.5.2020

Prunus laurocerasus COPPERBELL - <https://www.plantipp.eu/en/Plants/prunus-laurocerasus-copperbell-procuppbr-2/>, accessed 12.5.2020

Prunus mume 'Hayes Garden' -7 ft. tall x 10 ft. wide, more compact, smaller than species, , bark a showy mahogany red, flowers medium pink, notable for tolerance of hot, humid conditions in the deep South where most *Prunus* do not flourish. Or: Hayes Jackson, Longlead B.G., Anniston, Alabama.

Prunus persica PINK DUCHESS™ 'DMV Pink 1' - flowers very numerous, corolla full double, rich dark pink, leaves tolerant of leaf curl. Source, photo: <https://www.plantnet.com.au/shop/ornamental-trees/pink-duchess/>, accessed 5.23.2021

Prunus persica PINK ROYALE 'DMV Pink 2' - flowers very numerous, corolla fully double, light pink, leaves tolerant of leaf curl.

Prunus persica RED KNIGHT™ 'DMV Red 1' - flowers very numerous, corolla fully double, rich dark red, leaves tolerant of leaf curl.

Prunus persica WHITE PRINCESS 'DMV White 1' - flowers very numerous, corolla fully double, pure white, leaves tolerant of leaf curl.

Robinia - **True Cultivar Count™** = 74

Rubus idaeus GROOVY - an edible-ornamental with bright showy yellow foliage, contrasting nicely with the red fruit., also thornfree so is child and pet friendly. Fruits on new wood. Cold hardy to -35 C. <https://www.plantipp.eu/en/Plants/rubus-idaeus-groovy-jdeboer005pbr-2/>, accessed 12.5.2020

Salix - a new register of cultivars for 2016-2020 has been published in HortScience here: <https://journals.ashs.org/hortsci/view/journals/hortsci/56/1/article-p106.xml>



Salix candida ICEBERG ALLEY® 'Jeffberg' - 3-6 ft. tall x wide, erect-subglobe, leaves at first a powdery silver, later more green, aments (catkins) silver with red stems, showy, good for cutting. Cold hardy to USDA 2. Or: Memorial University of Newfoundland and Labrador Botanical Garden. Image above courtesy of Bailey Nurseries. <https://shop.baileynurseries.com/Product/Detail/13138>, accessed 12.5.2020

Sarcococca humilis FRAGRANT MOUNTAIN™ - <https://assets-briggs.s3.us-west-2.amazonaws.com/2019/07/SARCOCCOCA-info-sheet.pdf>, accessed 12.6.2020

Sarcococca humilis FRAGRANT VALLEY™ - <https://assets-briggs.s3.us-west-2.amazonaws.com/2019/07/SARCOCCOCA-info-sheet.pdf>, accessed 12.6.2020

Sciadopitys - **True Cultivar Count™** = 94

Sciadopitys vericillata 'Shine A Light' - leaves with 20-25% of the apex being light yellow to cream, giving an interesting whorl of light color against the normal dark green. Photo: <https://www.kvbc.nl/sciadopitys-verticillata-shine-a-light/?lang=en>, accessed 5.21.2021

Schizophragma hydrangeoides FLIRTY GIRL™ 'Minshow3' - blooms on young plants, often 2-3 gallon containers, solving a problem with the species that make take years if not a decade to flower well. Or: Pepinieres Minier, France. <https://springmeadownursery.com/plantfinder/flirty-girl-72770>, accessed 12.5.2020

Sorbaria sorbifolia MR MUSTARD™ - <https://springmeadownursery.com/plantfinder/mr.-mustard-72930>, accessed 12.5.2020

Sorbus aucuparia 'Fingerprint' - 8-12m tall x 4m wide, compact, narrowly columnar, better vigor and health than 'Fastigiata', leaves dark green, yellow to orange in fall, fruit in as little 5 years, being orangish-red, more disease resistant Or: Belgium 1990's. Ns: Frank Matthews Nursery uses a registered trademark for the name. Source, photo: <https://newplants.nl/en/plants/sorbus-aucuparia-fingerprint/>, accessed 5.21.2021

Sorbus GLENDOICK® SPIRE™ (4/2021)

ht: 4m tall x 3m wide

ha: columnar at first, more ovoid later, never wide-spreading

lt: narrow, fern-like leaflets

lc: dark green

frc: bright, rich pink becoming rich violet-red to magenta-purple

photo, source: <https://www.frankpmatthews.com/catalogue/Sorbus/11487>, accessed 4.24.2021

Spiraea -  = 109

Spiraea japonica 'Cherry Lips' - new growth bright, cherry red becoming reddish-amber to dark gold, finally a bright chartreuse and yellow. Or: Kong Young Park, North Korea before 2019.

Spiraea japonica DOUBLE PLAY® DOOZIE® - <https://plantariumdigitalexpo.com/novelties/spiraea-japonica-ncsx2-double-play-doozie/>

Spiraea japonica ZEN SPIRIT® CARAMEL 'MINSPRIZ02' - 40-60cm tall, compact, cushion-shaped, new growth caramel-orange becoming more green, often a light green tinged orange to brown. Photo: <https://plantipp.eu/uk/varieties/Spiraea%20ZEN%27SPIRIT%C2%AE%20Caramel>

Spiraea japonica ZEN SPIRIT® GOLD 'MINSPRIZ07' - 40-60cm tall, compact, cushion-shaped, leaves with newest tips orange becoming a rich true gold, later more chartreuse to lime green. Photo: <https://www.sapho.fr/gb/trees-and-shrubs/307-spiraea-japonica-zenspirit-gold-minspiz07-.html>, accessed 5.22.2021

Spiraea prunifolia 'Golden Bar' - flowers typical white, showy, leaves yellow in summer. Or: Kong Young Park, North Korea c. 2014.

Styrax -  = 44 (documented in Cultivars of Woody Plants)

Styrax japonicus 'Burgundy Moon' (4/2021)

ht: 20 ft. tall x 20 ft. wide (20 years, original tree, Beltsville, Maryland, USA)

ha: horizontal size branching, subglobose in time

lc: medium green

fc: corolla white, sepals and floral stems (pedicels) dark burgundy red (typically green in species)

ff: "slightly fragrant" (USDA)

or: "a collaborator in Chuncheon City, Gangweon Province, S. Korea" 1998 as seedlings, one of two selected at the USDA

or: Beltsville Station in 2008 for dark sepal color

web: https://www.usna.usda.gov/assets/images/as_pdf_image/Styrax_japonicus_Burgundy_Moon.pdf, accessed 4.24.2021

Styrax japonicus NIGHTFALL 'JFS 6SJ' - 8 ft. tall x 6 ft. wide, elegantly weeping, leaves dark dusky, glossy purple, flower corolla white in bud becoming creamy-white. Or: J.F. Schmidt Nursery, introduced 2022.

source, photo: <https://www.jfschmidt.com/introductions/nightfall/index.html>, accessed 5.22.2021

Styrax japonicus 'Pink Snowball' treesandshrubsonline.org, accessed 4.24.2021

ha: strong, wide yet erect, stronger than 'Pink Chimes'

lc: bronzish new growth becomes dark green, orange in fall

lt: veins often sunken, textured

fc: corolla white, tinged pink at the base, calyx purplish-brown

or: Belgium before 2012

Styrax japonicus 'Scarlet Chimes' - corolla rich pink, stamens rich violet-red. Or: Akutsu Masa, Japanese, filed with Japanese patent office in 2002.

photo: http://www.hinshu2.maff.go.jp/vips/cmm/file_library/20000/12591/12591_3_1.jpg, accessed 5.22.2021

Stryax japonicus 'White Angle' - registered with the Japanese patent office 2000 by Hagiwara Toshihiro, photo on the website is non-diagnostic in terms of differences, showing dark green leaves and white flowers.

Symphoricarpos 'Candy' (4/2021)

ns: listed in the FIRST EDITIONS series but this is not a taxonomic name but a multi-generic marketing term

photo: <http://plantsnouveau.com/plant/symphoricarpus-candy-sensation/>

Symphoricarpos PINKY PROMISE™ (4/2021)

ht: 30-36 in. tall x wide, easily kept smaller for containers

ha: globose, semi-dwarf, compact, suitable for small garden spaces other clones would overwhelm

frc: light pink

photo, source: <http://plantsnouveau.com/plant/symphoricarpus-magical-pink-carpet/>



PROUD BERRY™ is the perhaps the best general use cultivar, improving on AMETHYST™ for general use in this fruit color. Image copyright owned by and courtesy of provenwinners.com

SYMP001 - *Symphoricarpos* PROUD BERRY™ 'Sofie' - 3-4 ft. tall x 4-5 ft. wide. Fruit bright pink, very showy. Leaves notably bluish-green, very round obtuse apex. Pat, or: US# 21226 to Catharina Marie Hoekstra-Arisz, The Netherlands., considered an improvement on AMETHYST™. In: Spring Meadow Nurseries and distributed by Proven Winners to US trade.



**International Registry and Checklist
of Cultivar Names in the
Genus *Syringa* L. (Oleaceae)**
(as of March 5, 2021)

Edited by Mark L. DeBard, MD, Registrar

Syringa - the newest version of the cultivar registry by Dr. DeBard is available now in print form at Barnes and Noble. It has 2532 unique cultivars and even more names!

Taxodium - **True Cultivar Count™** = 74

Taxus baccata EXOTICA - this Latin is a trademark name and so the ICNCP has no bearing on Latin use.



Taxus x media ELEGANZA - <https://www.plantipp.eu/en/Plants/taxus-media-eleganza-her2009t01pbr-2/>, accessed 12.5.2020

Taxus x media RISING STAR® 'Oene' - 1.7-2.0m tall x 50-60cm wide, columnar, dense, but slower than 'Hicksii', leaves narrow, dark green, densely spaced, short petiole, male.
web, photo: <https://www.nvknurseries.com/plant/Taxus-x%20media-Rising-Star>

Taxus x media 'Tymon' - subglobose, very dense, new growth bright yellow, blades margined yellow at maturity on close inspection, suitable and durable as a hedge. Photo, source: <https://kurowski.pl/en/catalogue-plants/1/2/plant/916,taxus-x-media-tymon>

Teucrium lucidrys LUCKY GOLD - 30cm tall x 40cm wide, new tips over entire plant cream color becoming more green, the entire plant becomes more yellowish-green to golden-green by summer. Pat: EU35860. Or: Fa. Lucassen Boomkwekerij. Photo: <https://plantipp.eu/uk/varieties/Teucrium%20Lucky%20Gold>

Thuja/Platycladus -

= 446 (Thuja) + 231 (Platycladus) = 677



Thuja occidentalis CHEER DROPS™ - <https://springmeadownursery.com/plantfinder/cheer-drops-84390>, accessed 12.5.2020

Thuja occidentalis TOTEM SMARAGD Thucavlo

Thuja plicata FLUFFY® 'SMNTPCF'- <https://www.provenwinners.com/plants/thuja/fluffy-western-arborvitae-thuja-plicata>, accessed 11.28.2020

Tilia americana SWEET STREET™ 'Kromm' - 30 ft. tall x 10-15 ft. wide, narrowly pyramidal, dense, uniform, said to have ideal street tree form and function, leaves glossy dark green, color persisting longer. USDA 3. Or: US Plant Patent #30737 to Darrell Kromm, Reeseville Ridge Nursery, Reeseville, Wisconsin, from wild seed in Dodge Co., Wisconsin at a northern part of it's range. <http://plantsnouveau.com/plant/tiliasweetstreet/>, accessed 12.5.2020

Trachelospermum asiaticum 'Valley Lights' - leaves light green, irregularly margined cream to light yellow, also sectored and overlaid with chimera, subtle contrasts throughout.
source, photo: <https://www.australianplantsonline.com.au/trachelospermum-valley-lights.html>, accessed 5.22.2021

Ulmus parvifolia GREEN MIST™ - 12m tall x 10m wide, new growth mostly white mottled green, becoming with the lower half of the blade bright white, the transition zone mottled white and green, a bright and showy chimera, older blades mostly green with occasional white sectors and spots. Source, photo: <https://lakesideplants.com/product/green-mist-elm-tree/> and also <https://jftnurseries.com.au/product/ulmus-parvifolia-green-mist/>

Ulmus parvifolia 'Inspire' - 5m tall x 2m wide, vigorous, more narrow than typical, bark very showy and exfoliating, yellow fall colors.

Ulmus parvifolia 'Murray' ('Murray's Form' invalid) - irregular pyramidal form, leaves very dark green, much larger than typical.

Ulmus parvifolia 'Red Emperor' - 7.2m tall x 10m wide, arching form, leaves glossy green, showy red to orange fall colors.

Ulmus propinqua EMERALD SUNSHINE 'JFS-Bieberich' - 35 ft. tall x 25 ft. wide, vase-shaped, erect, "sturdy", leaves glossy dark green, heavily corrugated and textured, bronzing new tips, showy yellow in fall. Or: grown from China collected seed. Said to be highly resistant to heat and wind when texted in western Oklahoma. Resistant to elm leaf beetle and Japanese beetle. Tolerant of DED or phloem necrosis.
source, photo: <https://www.jfschmidt.com/introductions/emeraldsunshine/index.html>, accessed 5.22.2021

Vaccinium corymbosum CABERNET SPLASH - <https://plantariumdigitalexpo.com/novelties/vaccinium-cabernet-splash/>

Vaccinium corymbosum FLAMINGO - a brightly pink-mottled leaf blueberry for edible-ornamental use.

Vaccinium ovatum 'Scarlet Ovation' - <https://www.briggsnursery.com/plant/vaccinium-ovatum-vacsid1-scarlet-ovation-pp25067/>, accessed 12.5.2020

Viburnum -  = 271

Viburnum dentatum var. *deamii* GLITTER AND GLOWS™ - <https://springmeadownursery.com/plantfinder/glitter-gloWS-86490>, accessed 12.5.2020

Viburnum plicatum var. *tomentosum* STEADY EDDY™ - <https://springmeadownursery.com/plantfinder/steady-eddy-87420>, accessed 12.5.2020

Vitex plant named 'HELEN FROEHLICH'
patent: <http://www.freepatentsonline.com/PP31660.pdf>

Weigela x hybrida TOWER OF FLOWERS® APPLE BLOSSOM

Weigela x hybrida TOWER OF FLOWERS® CHERRY - <https://planthaven.com/plant/weigela-towers-of-flowers-cherry/>, accessed 12.5.2020

Zelkova serrata 'Goldenflame' - new growth bright yellow (RHS 175B, compared to 160A for 'Kiwi Sunset')
Or: Vic John Ciccolella, Australia as chance seedling 2002

Zelkova serrata ZILARATION™ 'JFS KW4ZS' = 30 ft. tall x 25 ft. wide, "unusually compact", vase-shaped, symmetrical branching, denser canopy than typical, leaves dark green, more finely texture, rusty orange in fall.
Source, photo: <https://www.jfschmidt.com/introductions/zileration/index.html>, accessed 5.22.2021, a 2022 introduction