

## New Woody Plants for 2014

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These new plant descriptions are provided from over 20 nursery catalogs and many on-line web sites, and American Nurseryman and Nursery Management magazines New Woody Ornamentals for 2014 websites. These plants have not been trialed long term in Wisconsin, so keep the cold hardiness ratings in mind. If you are unsure, try a few plants at your nursery, or in your landscape before purchasing a large number of them. Be leery of cold hardiness zone ratings as they are often over-exaggerated. Some of these plants, especially the shrubs, were bred in Europe and introduced and marketed by American companies. A number of conifers and a few trees and shrubs were mentioned previously in 2013, but are included again here as the various nurseries still consider them "new" plants for 2014.

I personally do not endorse or promote any new plant without at least growing it for 3-5 years (shrubs and vines) or 7-10+ years (trees and evergreens) in Wisconsin, planted either in my own yard, at an area arboreta or botanical garden, or recommended by a nursery, landscaper or arborist. Plants can perform very differently from one climate to the next, such as the southern U.S., New England or the Ohio River Valley versus the Upper Midwest, especially for cold hardiness, disease and insect susceptibility, tolerance to moisture extremes and performance in the garden (does not rebloom when it is supposed to rebloom).

\*Indicates no pictures provided and not included in PowerPoint presentation. Photos are not accessible by anyone except Dr. Jull as special permission was granted to her from the below companies, thus photos cannot be shared except for the few photos directly taken by me.

### Trees

#### *Acer* 'IsIAJ': Artic Jade<sup>®</sup> maple

This smaller hybrid maple is a hybrid of the cold hardy *Acer pseudosieboldianum* (Korean maple) and the very ornamental *Acer palmatum* (Japanese maple). It has proven cold hardy to zone 4b. It has large, green, deeply cut leaves similar to *Acer japonicum* 'Aconitifolium'. The later fall color is a mixture of orange and red tones. It does best in moist, well-drained, loamy, fertile soil and is intolerant to excessive heat and drought. This selection is from Iseli Nursery, Boring, Oregon.

#### *Acer* 'IsINW': North Wind<sup>®</sup> maple

A new hybrid tree bred again with cold hardy *Acer pseudosieboldianum* (Korean maple) and the very ornamental *Acer palmatum* (Japanese maple). It has proven cold hardy to zone 4b. The leaves are green, palmately lobed emerging bright reddish-orange in spring changing to green in summer. The fall color is orange-scarlet. The tree does best in moist, well-drained, loamy, fertile soil and is intolerant to excessive heat and drought. This selection is also from Iseli Nursery.

#### \**Acer saccharum* 'Powder Keg': 'Powder Keg' sugar maple

Introduced by Lacebark Inc., Stillwater, OK. Hardy to only zone 5a, this selection is from an Oklahoma provenance so may not prove hardy enough for WI. Like most sugar maples, it has nice fall color, but later in the season. The leaves are leathery leaves helping to improve its strong drought tolerance, atypical for a sugar maple. The tree grows 35-40' tall and 25' wide.

#### *Acer tataricum* 'Patdell': Pattern Perfect<sup>®</sup> Tatarian maple

This selection of Tatarian maple is offered through J. Frank Schmidt and Son Co., Boring, OR. This tree is a tough, urban tolerant tree that can be used in downtown street locations and is faster growing than the species. It is tolerant to high pH and dry, urban soils. It grows 25' tall and 20' wide with a broad oval to rounded form. The fall color is orange-red and the spring flowers are white clusters followed by red double samaras. I would not plant this species near natural areas as the seedlings may become invasive. The small tree is hardy to zone 3. This was listed as new for 2013, but supply is up and more available for 2014.

#### *Betula platyphylla* 'Jefpark': PARKLAND PILLAR<sup>™</sup> Asian white birch

Introduced by Parkland Nurseries, Red Deer, Alberta, Canada and Jeffries Nurseries, Ltd., Portage la Prairie, Manitoba, Canada but will be available through Bailey Nurseries, St. Paul, MN. This tree is hardy to zone 3b and

has dense, narrow upright form growing 40' tall and only 6-7' wide. The fall color is golden with white bark. Unfortunately, like most white bark birches, it is susceptible to bronze birch borer when drought or heat stressed.

*Carpinus betulus* 'JFS-KW1CB': EMERALD AVENUE® European hornbeam  
Introduced by J. Frank Schmidt & Son Co., Boring, OR. This hornbeam is hardy to zone 5a and has a strong trunk with a dominant central leader and sturdy branching. The leaves are deep green and corrugated providing a unique texture. The fall color is yellow. This hornbeam is quite durable and much more heat tolerant than species or other cultivars. It has a broadly pyramidal to ovate form growing 40' tall and 28' wide.

\**Cercidiphyllum japonicum* 'Hanna's Heart': 'Hanna's Heart' katsuratree  
Introduced by Biringer Nursery, Mt. Vernon, WA. This new katsuratree is hardy to zone 4 growing much smaller than the species at only 25' tall and 12' wide. It is resistant to sunburn with the same bright yellow fall color as the species. Fallen leaves from this species smell like cotton candy. This new selection is slower growing with a tight crown of leaves but less twig dieback. Katsuratree requires a moist, well-drained soil as it wilts easily during a drought.

\**Cercis canadensis* 'Alley Cat': 'Alley Cat' eastern redbud  
Discovered by Allen Bush, introduced by Hidden Hollow Nursery LLC, Belvidere, TN. This redbud is hardy to zone 5b so I am unsure of how it will perform in WI. It has large, variegated leaves with green and white splotches, better than other variegated cultivars. It does not exhibit small, twiggy growth like other cultivars and the leaves do not burn or fade in sun. 'Alley Cat' eastern redbud grows 20' tall, 30' wide.

*Magnolia stellata* 'Centennial Blush': FIRST EDITIONS® 'Centennial Blush' star magnolia  
Bred by Michael Dirr and offered through Bailey Nurseries, St. Paul, MN, this new star magnolia is hardy to zone 4b. The pink buds open to fragrant, pale pink flowers in early spring and bloom prolifically with flower buds formed at almost every node. The fall color is yellow to bronze. The tree form is upright to oval and grows 12-18' tall, 10-15' wide.

*Malus x adstringens* 'Durleo': FIRST EDITIONS® GLADIATOR™ flowering crabapple  
Introduced by Bailey Nurseries, St. Paul, MN. This new crabapple is hardy to zone 3b with bright pink flowers in spring and glossy, bronze-purple leaves in summer. The fruit is small, reddish-purple, tightly grouped on upright branches. This tree has an upright form and grows 20' tall and only 9' wide with good drought tolerance and disease resistance.

*Parrotia persica* 'JLColumnar': Persian Spire™ parrotia  
This new selection of Persian Parrotia was discovered by John Lewis of JLPN in Salem, OR and is introduced through J. Frank Schmidt and Son Co. Unlike the species, this cultivar has a strong columnar to upright oval form growing 25' tall and only 10' wide at maturity. The tree has smaller leaves and finer branching compared to the species. The foliage is bright green with purple tinged margins in late summer. The entire leaf turns a kaleidoscope of orange, red, yellow and burgundy in late fall. The flowers are composed of red stamens before the leaves in spring. As Parrotia ages, it develops exfoliating, mottled bark. The species has withstood the heat and summer dryness better than expected last year. It is hardy to zone 5a and has a fast growth rate.

*Platanus occidentalis* 'Grenickel': SILVERWOOD™ American sycamore  
Introduced by GARDEN DEBUT® sold by Greenleaf Nursery Co., Park Hill, OK. This new selection of our native American sycamore is hardy to zone 4b, is fast growing tree when young and maintains showy, white bark all the way from the top of the tree to the base of the trunk. It grows quite large at 75-100' tall and wide with good branching. It may be susceptible to anthracnose and powdery mildew as it has not been trialed here yet.

*Pyrus* 'NCPX1': Javelin™ pear  
This ornamental pear has one of the tightest and most columnar to fastigate habits of any ornamental pear. The tree does not broaden with age. New leaves are purple in spring maturing to bronze-green in summer. It is fireblight resistant unlike most ornamental pears. It grows 35' tall and 10' wide at maturity. The fall leaf color is purple to maroon and the flowers are pink in bud opening up to white flowers. The plant is possibly hardy to zone 5b, but I have not seen it trialed here in Wisconsin so I am unsure about the hardiness. I also am not sure how the tree would stand up to our Wisconsin snow load on branches. This pear was bred at North Carolina State University by Dr. Tom Ranney and is released through J. Frank Schmidt and Son Co.

Shrubs

*Berberis thunbergii* 'BailErin': FIRST EDITIONS<sup>®</sup> LIMONCELLO<sup>™</sup> Japanese barberry

Introduced by Bailey Nurseries, St. Paul, MN. Hardy to zone 4a, tidy, round mounded form, chartreuse leaves with irregular, red dotted margins, fall color is orange, yellow and red, 3-4' tall and wide, deer resistant

*Buddleia* 'Bosblink': BLAZE PINK<sup>™</sup> butterfly bush

Introduced by BALL ORNAMENTALS<sup>®</sup>, West Chicago, IL. Hardy to zone 5b, dieback shrub, purplish-pink, smaller flower panicles against silvery leaves, blooms summer to fall, 4' tall, 6' wide, attracts hummingbirds and butterflies

*Buddleia* 'Boscrazn': CRANRAZZ<sup>™</sup> butterfly bush

Introduced by BALL ORNAMENTALS<sup>®</sup>, West Chicago, IL. Hardy to zone 5b, dieback shrub, very large, 8" long panicles of cranberry-red flowers from summer to fall, free flowering, 5-6' tall, 4-5' wide, heat tolerant, attracts hummingbirds and butterflies

*Buddleia* 'Bostulu': TRUE BLUE<sup>™</sup> butterfly bush

Introduced by BALL ORNAMENTALS<sup>®</sup>, West Chicago, IL. Hardy to zone 5b, dieback shrub, large, blue flowers with silvery-gray leaves, good rebloomer, low seed set, 4' tall and 6' wide, attracts hummingbirds and butterflies

*Buddleia* 'Bosyew': YETI WHITE<sup>™</sup> butterfly bush

Introduced by BALL ORNAMENTALS<sup>®</sup>, West Chicago, IL. Hardy to zone 5b, dieback shrub, wide, white flower panicles from summer to fall, 4' tall, 6' wide, attracts hummingbirds and butterflies

*Buddleia* 'Blue Chip Jr.': LO & BEHOLD<sup>®</sup> 'Blue Chip Jr.' butterfly bush

Introduced by PROVEN WINNERS<sup>®</sup> COLORCHOICE<sup>®</sup> offered through Spring Meadow Nursery, Grand Haven, MI bred by Dr. Dennis Werner of N.C. State University. Hardy to zone 5b, dieback shrub, smaller, compact, less brittle than 'Blue Chip', silver green leaves, 20-28" tall and wide, bluish-purple flowers from mid to late summer into fall, attracts hummingbirds and butterflies, seedless, not invasive

*Buddleia* 'Pink Micro Chip': LO & BEHOLD<sup>®</sup> 'Pink Micro Chip' butterfly bush

Introduced by PROVEN WINNERS<sup>®</sup> COLORCHOICE<sup>®</sup> offered through Spring Meadow Nursery, Grand Haven, MI bred by Dr. Dennis Werner of N.C. State University. Hardy to zone 5b, dieback shrub, smaller plant and flowers, medium pink flowers from mid to late summer into fall that resemble salvia flowers, attracts hummingbirds and butterflies, seedless, not invasive, 1 ½-2' tall and wide

\**Buddleia* 'Grefoj': FOURTH OF JULY<sup>™</sup> butterfly bush

Offered through GARDEN DEBUT<sup>®</sup> sold by Greenleaf Nursery Co., Park Hill, OK. A unique butterfly bush as there are three different cultivars grafted onto one plant. Flowers are bright pink, purple and white, 5' tall and 6' wide, attracts hummingbirds and butterflies, hardy to zone 5b, dieback shrub

*Buxus* 'RLH-BI': EMERALD KNOLL<sup>®</sup> boxwood

Introduced by GARDEN DEBUT<sup>®</sup> sold by Greenleaf Nursery Co., Park Hill, OK. Hardy to zone 5a, low, mounding to spreading form, emerald green, evergreen leaves, stays green in winter and does not turn brown, pest resistant, 1 ½-2' tall and 3-4' wide, deer resistant

*Corylus americana* 'Purpleleaf Bailey Select': Bailey Select purpleleaf American hazelnut

Introduced by Bailey Nurseries, St. Paul, MN. Hardy to zone 3a, species native to WI, large, rounded form, 6-8' tall and wide, purplish-green to dark purple leaves in summer turn burgundy in fall, tolerates full sun to partial shade, produces edible nuts in clusters of 2-4

*Deutzia* 'NCDX2': YUKI CHERRY BLOSSOM<sup>™</sup> deutzia

Bred by Dr. Tom Ranney from NCSU and introduced through PROVEN WINNERS<sup>®</sup> COLORCHOICE<sup>®</sup> Shrubs offered through Spring Meadow Nursery, Grand Haven, MI. Hardy to zone 5b, light pink flowers instead of white in May, mounding form, burgundy-purple fall color, 1-2' tall and wide, deer resistant

*Deutzia* 'Nikko Blush': 'Nikko Blush' deutzia

Bred at the U.S. National Arboretum in Washington, D.C. and released through Monrovia Nursery, Azusa, CA, soft pink flowers with darker pink stripe on back of petals in spring, compact, mounded shrub, bright green leaves on arching branches, deep burgundy fall color, 3-4' tall, 4-5' wide, deer resistant, hardy to zone 5

*Exochorda* × *macrantha* 'Bailmoon': FIRST EDITIONS<sup>®</sup> LOTUS MOON<sup>™</sup> pearl bush

Introduced by Bailey Nurseries, St. Paul, MN. Hardy to zone 4b, white, rounded, pearl-like flower buds open to bright white, five-petaled flowers in early spring, very floriferous, bright green leaves, upright, rounded form, 4-5' tall, 3-4' wide

*Hibiscus syriacus* 'DS01BS': BLUEBERRY SMOOTHIE<sup>™</sup> rose-of-Sharon

Introduced by GARDEN DEBUT<sup>®</sup> sold by Greenleaf Nursery Co., Park Hill, OK. Hardy to zone 5b, double, bluish-purple flowers in late summer, 8' tall, 4' wide, upright form

*Hibiscus syriacus* 'DS02SS': STRAWBERRY SMOOTHIE<sup>™</sup> rose-of-Sharon

Introduced by GARDEN DEBUT<sup>®</sup> sold by Greenleaf Nursery Co., Park Hill, OK. Hardy to zone 5b, double, light pink flowers in late summer, 8' tall, 4' wide, upright form

*Hibiscus syriacus* 'DS03RS': RASPBERRY SMOOTHIE<sup>™</sup> rose-of-Sharon

Introduced by GARDEN DEBUT<sup>®</sup> sold by Greenleaf Nursery Co., Park Hill, OK. Hardy to zone 5b, double, fuchsia-raspberry flowers in late summer, 8' tall, 4' wide, upright form

*Hibiscus syriacus* 'DS04PS': PEPPERMINT SMOOTHIE<sup>™</sup> rose-of-Sharon

Introduced by GARDEN DEBUT<sup>®</sup> sold by Greenleaf Nursery Co., Park Hill, OK. Hardy to zone 5b, double, bi-colored flowers of light pink flowers with fuchsia, ruffled edges in late summer, 8' tall, 4' wide, upright form

*Hydrangea arborescens* 'Greannie': LIL' ANNIE<sup>™</sup> smooth hydrangea

Introduced by GARDEN DEBUT<sup>®</sup> sold by Greenleaf Nursery Co., Park Hill, OK. Hardy to zone 4a, more flowers and thicker stems than the species, clusters of large, white, mophead flowers in summer, then turning brown, 3-4' tall and wide, rounded, vigorous grower

*Hydrangea arborescens* 'SMNHALR': LIME RICKEY<sup>™</sup> smooth hydrangea

Introduced by PROVEN WINNERS<sup>®</sup> COLORCHOICE<sup>®</sup> Shrubs sold by Spring Meadow Nursery, Grand Haven, MI. Hardy to zone 4a, lime-green, large, mop-head flowers in summer later turning whitish then brown in fall, 3-4' tall and wide, suckering, good cut or dried flower

*Hydrangea macrophylla* 'Grefuglo': FUCHSIA GLOW<sup>™</sup> bigleaf hydrangea

Introduced by GARDEN DEBUT<sup>®</sup> sold by Greenleaf Nursery Co., Park Hill, OK. Hardy to zone 5b, good reblooming hydrangea, bright, fuchsia-pink flowers in summer to fall, flowers on old wood, not sure if flowers on new wood, vigorous grower, 4-6' tall and wide

*Hydrangea macrophylla* 'Lindsey Anne': LA DREAMIN'<sup>™</sup> bigleaf hydrangea

Introduced by BALL ORNAMENTALS<sup>®</sup>, West Chicago, IL. Hardy to zone 5b, tri-color flowers, pink AND blue color without needing any pH adjustment, reblooms on older wood, not sure if flowers on new wood, 4-5' tall, 6' wide

*Hydrangea macrophylla* 'Monmar': ENCHANTRESS<sup>®</sup> bigleaf hydrangea

Introduced by Monrovia Nursery, Azusa, CA. Hardy to zone 5b, reblooming hydrangea on old and new wood, huge flowers on ruby-black stems are blue or pink depending on soil pH, flowers held upright on strong stems, rounded form, 3-5' tall and wide

*Hydrangea macrophylla* 'PIIHM-II': ENDLESS SUMMER<sup>®</sup> BLOOMSSTRUCK<sup>™</sup> bigleaf hydrangea

Introduced by Bailey Nurseries, St. Paul, MN, bred by Dr. Michael Dirr. Hardy to zone 5a, reblooming, large, mophead violet-blue to blue or pink flowers, depending on soil pH in summer through fall, blooms on old and new growth, dark, glossy green leaves, ruby hued stems, burgundy-red fall color, rounded to spreading form 3-4' tall, 4-5' wide, heat tolerant and disease resistant, especially to powdery mildew

*Hydrangea macrophylla* 'SMHMTAU': LET'S DANCE<sup>®</sup> Blue Jangles

Introduced by PROVEN WINNERS® COLORCHOICE® Shrubs sold by Spring Meadow Nursery, Grand Haven, MI. Hardy to zone 5b, compact, 2-3' tall and wide, large, blue or pink flowers reblooming summer to fall, color based on soil pH, blooms on old and new wood

\**Hydrangea macrophylla* 'Wyatt LeFever': DEAR DELORES™ bigleaf hydrangea  
Introduced by Plant Development Services Inc. and part of the Southern Living® Plant Collection and Sunset Western Garden Collection™. Hardy to zone 5b, large blue or pink flowers rebloom summer to fall, fast growth rate, 5' tall and wide

*Hydrangea paniculata* 'Bokraflame': MAGICAL® Candle panicle hydrangea  
Bred in The Netherlands and introduced by BALL ORNAMENTALS®, West Chicago, IL. Hardy to zone 4a, larger, denser, white flower panicles, stronger stems hold flowers upright, 5-6' tall and wide

*Hydrangea paniculata* 'Grepearlpk': PEARLS N' PINK™ panicle hydrangea  
Introduced by GARDEN DEBUT® sold by Greenleaf Nursery Co., Park Hill, OK. Hardy to zone 4a, compact shrub, bicolored flowers, smaller, white flowers in early summer quickly turn to pinkish-rose, 4' tall and 3' wide, rounded form

*Hydrangea paniculata* 'Rensun': FIRST EDITIONS® STRAWBERRY SUNDAE® panicle hydrangea  
Bred in France and introduced into the U.S. by Bailey Nurseries, St. Paul, MN. Hardy to zone 4, compact, smaller version of VANILLA STRAWBERRY® panicle hydrangea, large, full, creamy-white, pyramidal flowers that change to pink then to strawberry-red, 4-5' tall and 3-4' wide, upright form

*Hydrangea paniculata* 'SMHPZIND': PILLOW TALK™ panicle hydrangea  
Offered by Spring Meadow Nursery, Grand Haven, MI. Hardy to zone 4a, large, pyramidal flower clusters starts out green then matures to white, then a light pink blush at base as the summer progresses, sturdy stems hold flowers upright, 6-8' tall and wide, upright form

*Hydrangea quercifolia* 'Munchkin': 'Munchkin' oakleaf hydrangea  
Developed by the U.S. National Arboretum and offered through Spring Meadow Nursery, Grand Haven, MI and Bailey Nurseries, St. Paul, MN. Hardy to zone 5b, compact, dense, mounded to rounded form, large, upright, white, cone-shaped flowers in summer and gradually turn pink then brown in fall, mahogany-red fall color, only 3-4 ½' tall and wide

*Hydrangea quercifolia* 'PIIHQ-I': FIRST EDITIONS® JETSTREAM™ oakleaf hydrangea  
Bred by Dr. Mike Dirr and released by Bailey Nurseries, St. Paul, MN. Hardy to zone 5b, large, white, cone-shaped flowers cover the plant in summer, fading to dark, dusky pink, bright orange-red fall color, exfoliating bark, compact, rounded, 5-6' tall and 4-5' wide, resistant to leaf spot

*Hypericum* 'PIIHYP-I': FIRST EDITIONS® COBALT-N-GOLD™ St. Johnswort  
Bred by Dr. Mike Dirr and released by Bailey Nurseries, St. Paul, MN. Hardy to zone 4b, deep silver-green leaves, bright yellow, ¾" flowers cover the plant in early summer, attracts butterflies, yellow, orange to red fall color, exfoliating bark, compact, mounded, 2-3' tall, 4-5' wide, deer resistant, drought tolerant

*Ilex x meserveae* 'Gold Princess': CASTLE GOLD™ blue holly or Meserve holly  
Developed by Carroll Nurseries of Cochran, PA and introduced through PROVEN WINNERS® COLORCHOICE® Shrubs sold by Spring Meadow Nursery, Grand Haven, MI. Hardy to zone 5b, new growth is bright lime-gold the turns more gold in summer through winter, female, does produce red fruit, needs a male pollinator such as CASTLE WALL™ holly, 5-6' tall and wide, upright form

*Ilex verticillata* 'NCIV1': LITTLE GOBLIN™ winterberry  
Developed by Dr. Tom Ranney at N.C. State University, introduced by PROVEN WINNERS® COLORCHOICE® Shrubs sold by Spring Meadow Nursery, Grand Haven, MI. Hardy to zone 3b, tetraploid winterberry, large, abundant, red fruit on female plants, dwarf plant, 3-5' tall and wide, mounded form, needs a male pollinator such as MR. POPPINS™ winterberry, species native to WI

*Ilex verticillata* 'Roberta Case': BERRY HEAVY® Gold winterberry

Selected by Fred Case of Saginaw, MI and introduced by PROVEN WINNERS® COLORCHOICE® Shrubs and sold by Spring Meadow Nursery, Grand Haven, MI. Hardy to zone 3b, large, bright gold fruit on female plants, 6-9' tall and wide, upright form, needs a male pollinator such as MR. POPPINS™ winterberry, species native to WI

*Lonicera caerulea* 'Blue': SUGAR MOUNTAIN™ 'Blue' honeysuckle or haskap  
Bred in the Czech Republic and introduced in the U.S. by PROVEN WINNERS® COLORCHOICE® Shrubs sold by Spring Meadow Nursery, Grand Haven, MI. Hardy to zone 2a, larger, tastier blue fruit, much easier to grow than blueberries, circumpolar native range from Europe, Asia and North America, native to WI but often labeled as *Lonicera villosa* (scientific name confusion). Plant two cultivars to get better fruit yield, but it is self-fertile. All cultivars are 5-6 ½' tall and wide with mounded form. Adaptable to most soils and pH and does not require acid soils like blueberry. White flowers in spring followed by blue, sweet fruit in June. Plant blue honeysuckles in partial sun and out of hot afternoon sun. Fruit is high in antioxidants and Vitamin C. Pick when very ripe and interior of fruit is purplish. Best used in jellies, jams, flavoring ice cream.

*Lonicera caerulea* 'Stimul': SUGAR MOUNTAIN™ BALALAIKA™ honeysuckle; similar to above with abundant, 1" long, blue fruit

*Lonicera caerulea* '54-57': SUGAR MOUNTAIN™ POLAR BEAR™ honeysuckle; similar to above with larger, 1 ½" long fruit and more of them

*Lonicera caerulea* 'Indigo': SUGAR MOUNTAIN™ KALINKA™ honeysuckle; similar to above with even more fruit, 1" long, blue fruit

*Physocarpus opulifolius* 'ARTBOE401': RED ROBE™ eastern ninebark  
Introduced by Spring Meadow Nursery, Grand Haven, MI. Hardy to zone 3a, yellow-orange new leaves in spring age to burgundy-red as they mature, pinkish-white flowers in late spring, red to burgundy fruit in late summer turning brown in fall, 6-8' tall, 7-9' wide, upright form, species native to WI

*Rhododendron* 'LAVJ2011': HANDY MAN™ Purple rhododendron  
Hybrid rhododendron by Joe Parks, introduced by PROVEN WINNERS® COLORCHOICE® Shrubs and sold by Spring Meadow Nursery, Grand Haven, MI. Hardy to zone 4a and has proven to be hardy in Maine and New Hampshire, rich purple, bell-shaped flowers in large trusses (clusters) in late May, good resistance to Phytophthora root rot, 6-8' tall and wide, mounded form, heat tolerant

*Rosa* 'Baileels': EASY ELEGANCE® Head Over Heels rose  
Introduced by Bailey Nurseries, St. Paul, MN. Hardy to zone 4b, recurrent blooming shrub rose, 2" diameter, light pink, full, double flowers from June through October, flowers turn lavender when temperatures are cooler, glossy, dark green leaves, shrub rose with upright form, 3' tall, 2 ½' wide, supposedly is disease resistant

*Rosa* 'CA 29-2013': FIRST EDITIONS® Campfire rose  
Introduced by Bailey Nurseries, St. Paul, MN. Hardy to zone 3b, everblooming shrub rose, 3 ¼" yellow buds with red tones open to semi-double, yellow flowers edged in deep rosy pink that become more prominent as the flowers mature, glossy, bright green leaves with a hint of red, disease resistant, fewer thorns, 3' tall and wide, upright to rounded form

*Rosa* 'Meickinava': LOOK-A-LIKES® Bougainfeelya rose  
Bred by Meiland International in France and introduced into the U.S. by STAR® Roses and Plants, West Grove, PA. Hardy to only to zone 5, cup-like, single, bright, non-fading, deep red flowers in summer through fall that resemble bougainvillea flowers, 4' tall, 3 ½' wide, bushy form, dark green, glossy leaves, good disease resistance

*Rosa* 'Radtreasure': TAHITIAN TREASURE™ rose  
Bred by Bill Radler from Milwaukee, WI and introduced through STAR® Roses and Plants, West Grove, PA. This is considered a landscape shrub rose hardy only to zone 5, cup-like, double, salmon-pink to red, slightly fragrant flowers, 5-5 ½' tall and 3' wide, dark green, semi-glossy leaves, good reblooming, disease resistant

*Rosa* 'Meipeporia': OSO EASY® Double Red rose

Introduced by PROVEN WINNERS® COLORCHOICE® Shrubs sold by Spring Meadow Nursery, Grand Haven, MI. Hardy to zone 5a, abundant, double, bright red flowers with pinkish-orange undertones are produced throughout summer into fall, good disease resistance, 3-4' tall and wide, rounded form

*Sambucus racemosa* 'SMNSRD4': LEMON LACE™ European red elderberry  
Introduced by PROVEN WINNERS® COLORCHOICE® Shrubs sold by Spring Meadow Nursery, Grand Haven, MI. Hardy to zone 4a, bright gold new growth, deeply divided leaves, some red in new growth, leaves fade to yellow green in summer, foliage is more deeply cut than 'Sutherland Gold' or BLACK LACE™ elderberries. Compact, irregular mounded form with extremely fine textured leaves, creamy-white spring flowers, red to scarlet fruit in summer, 3-5' tall and wide, burn resistant leaves

*Spiraea media* 'SMSMDPBK': DOUBLE PLAY® BLUE KAZOO™ Russian spirea  
Introduced by PROVEN WINNERS® COLORCHOICE® Shrubs sold by Spring Meadow Nursery, Grand Haven, MI. Hardy to zone 4a, blue leaves with hints of burgundy in new growth followed by reddish fall color, large, pure white flowers in late spring, 2-3' tall and wide, mounded form, deer resistant plant

*Spiraea japonica* 'Greredlac': RED LACE™ Japanese spirea  
Introduced by GARDEN DEBUT® sold by Greenleaf Nursery Co., Park Hill, OK. Sold as *Spiraea x bumalda*, which is incorrect nomenclature. Hardy to zone 4a, dense form, deep pinkish-red flowers contrast with blue-green leaves, 2-3' tall, 4-5' wide, upright form

*Symphoricarpos x doorenbosii* 'Kolmgala': FIRST EDITIONS® GALAXY™ snowberry  
Bred in The Netherlands and offered in the U.S. by Plants Nouveau, Charleston, SC and sold through Bailey Nurseries, St. Paul, MN. Hardy to zone 4, small, white flowers in spring followed by large, white berry clusters that cover the shrub in fall to early winter, arching form due to weight of fruit clusters, 2 ½ -3' tall and wide, upright, rounded form, deer resistant, still susceptible to black fungus on fruit

*Symphoricarpos x doorenbosii* 'Kolmava': MAGICAL® AVALANCHE™ snowberry  
Bred in The Netherlands and offered through in the U.S. by Plants Nouveau, Charleston, SC and sold through BALL ORNAMENTALS®, West Chicago, IL. Hardy to zone 4, all cultivars in series grow 2 ½-3' tall and 3' wide, low growing, selected by HGTV Home Selection. This cultivar has larger, snow-white fruit, still susceptible to black fungus on fruit

*Symphoricarpos x doorenbosii* 'Kolmajo': MAGICAL® JOY™ snowberry  
Same as above, but this cultivar has white fruit with a rose-pink blush

*Symphoricarpos x doorenbosii* 'Kolmaman': MAGICAL® MANDY™ snowberry  
Same as above, but this cultivar has white fruit with a pink blush

*Vitex agnus-castus* 'SMVACBD': BLUE DIDDLEY™ chastetree  
Introduced by PROVEN WINNERS® COLORCHOICE® Shrubs sold by Spring Meadow Nursery, Grand Haven, MI. Hardy to zone 5b, dieback shrub that comes back from the ground each year, dwarf form, lavender-blue, spikey flowers in late summer into fall, 3-6' tall and wide, compact, mounded form, heat tolerant and pest resistant

*Weigela* 'Bokracupur': MAGICAL® Pink weigela  
Bred in The Netherlands and introduced into the U.S. by BALL ORNAMENTALS®, West Chicago, IL. Hardy to zone 5a, reblooming weigela, bright dark pink flowers, 4-5' tall and wide, upright form, part of the HGTV Home Selection

*Weigela* 'Bokrarob': MAGICAL® Robin weigela  
Same as above, reblooming weigela, deep red flowers, only 3' tall and wide, upright, compact form

*Weigela* 'Bokracuwhi': MAGICAL® White weigela  
Same as above, reblooming weigela, creamy-white flowers, 4-5' tall and wide, upright form, part of the HGTV Home Selection

*Weigela* 'NovawEIFUS': RUBY FUSION™ weigela

Bred by NOVAFLORA<sup>®</sup>, LLC and introduced by STAR<sup>®</sup> Roses, West Grove, PA. Hardy to only to zone 5b, similar to 'Rubidor', but is half the size, 3-4' tall and wide, rounded, bushy, compact form, golden yellow foliage with wavy margins edged in red, leaves do not burn in sun, tubular, red flowers in late spring

### Vines and Groundcovers

*Campsis radicans* 'Gresnbr': SNAZZY BRASS<sup>™</sup> trumpet creeper

Introduced by GARDEN DEBUT<sup>®</sup> sold by Greenleaf Nursery Co., Park Hill, OK. Hardy to zone 4b, vigorous climbing vine, golden-yellow, trumpet-shaped flowers in late summer to early fall, 25-30' tall when supported, attracts hummingbirds

*Clematis* 'Diamond Ball': 'Diamond Ball' clematis

Introduced by PROVEN WINNERS<sup>®</sup> COLORCHOICE<sup>®</sup> Shrubs sold by Spring Meadow Nursery, Grand Haven, MI. Hardy to zone 4a, cool whitish-blue flowers are 4-5" rounded to semi-spherical, prolific bloomer on both old and new wood most of summer, 5-6' tall, 2-3' wide, twining vine

*Clematis* 'Evipo027': BOULEVARD<sup>®</sup> ABILENE<sup>™</sup> clematis

Bred by Ray Evison and introduced to the U.S. by Bailey Nurseries, St. Paul, MN. Hardy to zone 4b, bright, deep pink flowers with yellow anthers, ruffled edges, as flowers fade, a central, darker pink stripe becomes more prominent, blooms early summer and can rebloom in late summer, only 3-4' tall, compact, twining vine, good in containers on a patio

*Clematis* 'Evipo056': BOULEVARD<sup>®</sup> Alaina clematis

Same as above, deep, creamy-pink flowers and fade as they mature with a darker pink central stripe in each sepal, yellow anthers, blooms early summer and can rebloom in late summer, only 4-5' tall, compact, twining vine, good in containers on a patio

*Clematis* 'Evipo100(N)': BOULEVARD<sup>®</sup> CHELSEA<sup>™</sup> clematis

Same as above, white, ruffled sepals with a slight pink blush, bright yellow stamens, flowers from May to late summer, only 3-4' tall, compact, twining vine, good in containers on a patio

*Clematis* 'Evipo073': BOULEVARD<sup>®</sup> The Countess of Wessex clematis

Same as above, pale pink flowers with darker pink stripe on each sepal, frilly edges, anthers are deep red to purple, flowers early summer through late summer, only 4-6' tall, compact, twining vine, good in containers on a patio

*Clematis* 'Evipo051(N)': BOULEVARD<sup>®</sup> GISELLE<sup>™</sup> clematis

Same as above, deep pink flowers fade to a pale pink with purplish-pink stamens, flowers from June throughout summer, only 3-4' tall, compact, twining vine, good in containers on a patio

*Clematis* 'Evipo062': BOULEVARD<sup>®</sup> Zara clematis

Same as above, large, pale blue flowers and yellow stamens, flowers early summer through late summer, only 4-6' tall, compact, twining vine, good in containers on a patio

*Clematis* 'Evipo011': EMPRESS<sup>™</sup> clematis

Bred by Ray Evison and introduced to the U.S. by Bailey Nurseries, St. Paul, MN. Hardy to zone 4b, pink outer sepals are frilly, pompom-like and sits on top of recurved pink petals with each sepal having a dark pink, central stripe, flowers early summer and again in late summer, 6' tall, compact, twining vine, larger than the BOULEVARD<sup>®</sup> series

*Clematis* 'Evipo037': KINGFISHER<sup>™</sup> clematis

Bred by Ray Evison and introduced to the U.S. by Bailey Nurseries, St. Paul, MN. Hardy to zone 3b, very large, 6-7" wide, lilac-blue flowers with creamy-yellow anthers, flowers in early summer and again in late summer with smaller flowers, 8-10' tall, large, twining vine, larger than the BOULEVARD<sup>®</sup> series

*Clematis* 'Krakowiak': PINK MINK<sup>™</sup> clematis

Bred by Szczepan Marczyński of Poland and introduced into the U.S. by PROVEN WINNERS<sup>®</sup> COLORCHOICE<sup>®</sup> and sold by Spring Meadow Nursery, Grand Haven, MI. Hardy to zone 4a, easy to grow with lots of flowers, dark pink

flowers with darker pink central stripe, profuse bloomer from early summer to early fall, 9-10' tall, 6-6 ½' wide, large, twining vine

*Parthenocissus quinquefolia* 'Yellow Wall': 'Yellow Wall' Virginia creeper

Developed by Szczepan Marczyński of Poland and introduced into the U.S. by PROVEN WINNERS® COLORCHOICE® Shrubs sold by Spring Meadow Nursery, Grand Haven, MI. Hardy to zone 3b, bright gold fall color instead of the usual red fall color, species is native to WI, 20-30' tall and wide, climbing vine, salt tolerant

*Vinca minor* 'DSNH 1205': SILVER & GOLD™ vinca or periwinkle

Introduced by GARDEN DEBUT® sold by Greenleaf Nursery Co., Park Hill, OK. Hardy to zone 5a, variegated green and gold, evergreen leaves, silvery white flowers in early spring, 6-12" tall and 3' wide, slower growing than the species, groundcover, not a vine

## Evergreens

*Abies balsamea* 'Tyler Blue': 'Tyler Blue' balsam fir

This cultivar of our native balsam fir has bluer foliage than the species. Compact form but does grow into a large, broad, pyramidal tree. Typical of balsam fir they are hardy to zone 3a, but require good soil and excellent drainage. This cultivar is released from Iseli Nursery, Boring, Oregon.

*Abies koreana* 'Blauer Eskimo': 'Blauer Eskimo' Korean fir

This new miniature conifer was originally found as a witches broom in Germany and is being offered by Iseli Nursery. The soft, flat needles are gray-green and the buds are resin covered. The needles are spirally arranged on short, light colored stems forming a uniform, tight, globe. This tiny conifer is good for railroad and rock gardens. It is cold hardy to zone 4b.

\**Chamaecyparis pisifera* 'Angel Hair': 'Angel Hair' threadleaf falsecypress

This dwarf falsecypress cultivar has fine textured, thinner, bluer foliage than other cultivars. It is from Hickory Hollow Nursery in southern New York and is offered by Iseli Nursery. It is slower growing and globe shaped. It is hardy to zone 4b.

*Chamaecyparis pisifera* 'Blue Moon': 'Blue Moon' threadleaf falsecypress

This is a nice dwarf cultivar. I saw this Iseli Nursery introduction and I love the form and color. It has steel blue, soft, juvenile foliage like 'Boulevard' falsecypress, but the form is rounded to globe-shaped, stiff and tight. It requires very little pruning to maintain the tight ball shape. It is cold hardy to zone 4b.

\**Chamaecyparis pisifera* 'Gold Dust': 'Gold Dust' threadleaf falsecypress

Introduced by Forever Green Nursery, Perry, OH. Hardy to zone 4b, low growing, bright gold evergreen foliage, only 8-10" tall and 2' wide

\**Juniperus chinensis* 'Blue Alps': 'Blue Alps' Chinese juniper

This cultivar found by Humphrey Welch is sometimes listed as a cultivar of *Juniperus squamata*. It has broad, upright form growing into a large upright shrub or small tree. It has silver blue leaves with long, thin, arching shoots. It is hardy to zone 4a. This plant is offered by Iseli Nursery.

*Juniperus horizontalis* 'Pancake': 'Pancake' creeping juniper

This new cultivar of our native creeping juniper has feathery, scale-like leaves on a plant that grows flat on the ground, similar to 'Wiltonii' (blue rug juniper), but the foliage is gray-blue to bluish-green turning light purple in winter. It is offered by Iseli Nursery and is hardy to zone 3a. It is drought and salt tolerant, but may be susceptible to Phomopsis tip blight.

*Juniperus × pfitzeriana* 'Golden Joy': 'Golden Joy' juniper

Selected by Wiel Linnsen of Holland and introduced into the U.S. by Iseli Nursery, Boring, OR. Hardy to zone 4a, brighter yellow, scale-like foliage throughout the year, not just in spring, does not turn purple or brown in winter, spreading, compact, dwarf conifer, slower growing, 2' tall and 3' wide, released in 2013, but still new to market

*Juniperus virginiana* 'Greguard': GREY GUARDIAN™ eastern red cedar

Introduced by GARDEN DEBUT<sup>®</sup> sold by Greenleaf Nursery Co., Park Hill, OK. Hardy to zone 4a, grayish-blue foliage, low spreading form, 2-3' tall and 3-5' wide, tighter growth form and better color than 'Grey Owl' juniper, unsure if it turns brown or purple in winter, species is native to WI

\**Larix laricina* 'Emerald Curtain': 'Emerald Curtain' American larch

This is a new weeping, American larch from Iseli Nursery. The plant can be staked to allow it to weep or left growing on the ground to form a groundcover. This plant is from Memorial University of Newfoundland Botanical Gardens. It is hardy to zone 2a and the species is native to WI

\**Picea abies* 'Gudula': 'Gudula' Norway spruce

Iseli Nursery offers this new cultivar from Germany in the U.S. It has a broad, upright but dwarf form. The needles are dark green and short covering shorter branches containing lots of brown buds. The overall look is thick and full, but not too tight. It is hardy to zone 3b.

*Picea abies* 'Mikulasovice': 'Mikulasovice' Norway spruce

This dwarf, broad upright to irregular formed conifer has unusually long, thick needles. It requires very little pruning and is hardy to zone 3a. It is from Iseli Nursery.

\**Picea abies* 'Rotenhausii': 'Rotenhausii' Norway spruce

This large conifer has a narrow form with short, horizontal branches that grow up and outward then weep downward. It is fast growing and hardy to zone 3b. It is from Iseli Nursery.

\**Picea abies* 'Spring Fire': 'Spring Fire' Norway spruce

The new spring growth on this miniature cultivar is bright purple-red that gradually fades to reddish-brown then green. The plant is a result of a witches broom on 'Rubra Spicata' Norway spruce. It is a very tight ball of packed foliage that works well in rock gardens or containers. It is hardy to zone 3b and is from Iseli Nursery.

*Picea glauca* 'The Limey': 'The Limey' white spruce

This intermediate-sized conifer is from Memorial University of Newfoundland Botanical Gardens and is offered by Iseli Nursery. The new growth emerges a bright lime green followed by two-toned, short needles turning yellow on top and green on bottom. It is a fast grower with broad, upright form that is open when young becoming fuller with age. It is hardy to zone 2b and the species is native to WI.

*Picea meyeri*: Meyer spruce

Not a new plant, but now offered in 2014 by Bailey Nurseries, St. Paul, MN. Hardy to zone 4a, short, sharp, blue-green needles with a dense, pyramidal form, moderate growth rate, tolerant to drought and urban conditions and more disease resistant than Colorado blue spruce

*Picea pungens* 'Avatar': 'Avatar' Colorado blue spruce

The very blue needles emerge soft powdery blue. The horizontal branches and tree form a broad, upright form. It has a slower growth rate than other cultivars and is hardy to zone 3a. It is from Iseli Nursery.

*Picea pungens* 'Zafiro': 'Zafiro' Colorado blue spruce

This dwarf cultivar from Iseli Nursery has bright powder blue needles and slower growth rate forming a rounded to upright form. It is hardy to zone 3a.

\**Pinus aristata* 'Horstmann': 'Horstmann' bristlecone pine

Typical of the species, this conifer has short, blue-green needles covered in tiny white resin dots. This dwarf cultivar has more uniform branching than the species with slow growth rate. It does well in dry, rocky soil. It is hardy to zone 4b. It is offered by Iseli Nursery.

*Pinus heldreichii* 'Malink': 'Malink' Bosnian pine

The form on this one is very dense and uniform with a broad, upright form and intermediate size. The foliage is very dark green and densely arranged on the branches. It is hardy to zone 5a and is offered by Iseli Nursery. The former scientific name was *Pinus leucodermis*. It is more disease resistant than Austrian pine and is quite drought tolerant.

\**Pinus mugo* 'Wood's Pillar': 'Wood's Pillar' mugo pine

This tightly branched, full, dwarf conifer is from Iseli Nursery. The fat, bushy, dwarf, narrow, upright form grows slowly in the landscape. It is cold hardy to zone 3a.

\**Pinus nigra* 'Frank': 'Frank' Austrian pine

This dwarf conifer has stiff, dark green needles with brown buds clustered at the ends of the upright shoots. The narrow, upright form stays small in the landscape. It is from Iseli Nursery and is cold hardy to zone 4a.

*Pinus parviflora* 'Blauer Engel': 'Blauer Engel' Japanese white pine

The needles on this Japanese white pine are soft, slightly curved, two-toned and a lighter blue than other cultivars. It has a broad upright form and is intermediate in size. It is from Iseli Nursery and is cold hardy to zone 5a. It has a fuller, fluffy look compared to other cultivars of the species. It is also salt tolerant.

\**Pinus parviflora* 'Gin Setsu': 'Gin Setsu' Japanese white pine

This intermediate sized Japanese white pine from Iseli Nursery has short, two-toned needles and a gently sweeping trunk giving the plant an Asian look. It is slow growing with a broad, upright form. It is hardy to zone 5a. It is offered by Iseli Nursery.

\**Pinus strobus* 'Ground Hugger': 'Ground Hugger' eastern white pine

This spreading, intermediate sized cultivar of our native eastern white pine has blue-green, soft needles that fill out with age, carpeting the ground at the base of the tree. The tree cones at a young age. It is cold hardy to zone 3a and is offered by Iseli Nursery.

*Sciadopitys verticillata* 'Gruene Kugel': 'Gruene Kugel' Japanese umbrella-pine

This new selection from Germany has compact, well-branched, rounded, dwarf form when young developing slowly into a small, compact, broad, upright tree with dark green, glossy leaves year round. It is offered by Iseli Nursery and is hardy to zone 5a.

*Thuja occidentalis* 'Jantar': 'Jantar' arborvitae

I have seen this new cultivar and was amazed at its bright yellow foliage. This cultivar is from Jakub Jablonski of Poland available through Breederplants in Europe and Iseli Nursery is selling it here. It has the form of Emerald arborvitae with narrow, upright form. During winter, the color turns a warm amber color (Jantar is Polish for amber). It is hardy to zone 4a and the species is native to WI.

*Tsuga canadensis* 'MonKinn': GOLDEN DUCHESS™ eastern hemlock

Introduced by Monrovia Nurseries, Azusa, CA. Hardy to zone 3b, bright golden yellow leaves, graceful, arching branches, dwarf shrub, low, mounding form, 3-4' tall and 3-5' wide with improved sun tolerance, moderate growth rate, needs moisture and good soils and afternoon shade, species is native to WI

*Tsuga diversifolia* 'Minikin': 'Minikin' northern Japanese hemlock

This dwarf cultivar of northern Japanese hemlock has upright, reddish-brown shoots covered in blunt-tipped, soft needles with silvery-white undersides. It has globe shaped form and is offered by Iseli Nursery. The species prefers cool, moist, woodland conditions in partial shade to some sun. It is hardy to zone 5a.