

New Woody Plants for 2013

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These new plant descriptions are provided from the various nursery catalogs and on-line web sites, in particular American Nurseryman New Woody Ornamentals for 2013. 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 garden 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. 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 or at the Longenecker Horticultural Gardens at UW-Madison Arboretum, or recommended by an area nursery, landscaper or arborist. Plants can perform very differently from one climate to the next, such as California or North Carolina versus the Upper Midwest, especially for disease and insect susceptibility.

Trees

Acer 'IsIAJ': Artic Jade[®] maple

This smaller hybrid maple is bred with the cold hardy *Acer pseudosieboldianum* (Korean maple) and the very ornamental *Acer palmatum* (Japanese maple) as its parents. It has proven cold hardy to zone 4a. 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[®] maple

A new hybrid tree bred with the cold hardy *Acer pseudosieboldianum* (Korean maple) and the very ornamental *Acer palmatum* (Japanese maple) as its parents. North Wind has proven cold hardy to zone 4a. It was new last year, but the supply was low so availability is much improved this year. The leaves are green, palmately lobed emerging 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 from Iseli Nursery.

Acer rubrum 'JFS-KW78': Armstrong Gold[™] red maple

This cultivar of our native red maple is an improvement over the original 'Armstrong'. It has brighter golden to orange fall color, greater foliage density and compact, less leggy growth form. It reaches a height of 40' and 12' wide and has the same narrow, tightly fastigiate to columnar form, perfect for narrow spaces. It also has better branch crotch angles than the original 'Armstrong'. Since it is a red maple, it is sensitive to high pH and will develop manganese deficiency in high pH soils. It is cold hardy to zone 4a.

Acer tataricum 'Patdell': Pattern Perfect[®] maple

This selection of Tatarian maple is from J. Frank Schmidt and Son Co., Boring, Oregon. 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 can become invasive. The small tree is hardy to zone 3.

Aesculus 'Bergeson': Prairie Torch[®] buckeye

This new hybrid buckeye is from North Dakota State University, Fargo, North Dakota and is released through Bergeson Nursery, Fertile, Minnesota. It is a hybrid of unknown buckeyes. It has proven winter hardy in northwestern Minnesota so it is rated as zone 3b. The foliage points downward in an umbrella-like fashion giving the plant a tropical look. The fall color is consistently bright orange-red. It has a faster growth rate than other buckeyes forming a dense, globular form to mushroom-shape with age reaching 30' tall and wide with age. It has shown resistance to leaf scorch and leaf blotch, but like all buckeyes and horsechestnuts, they are all sensitive to drought.

Liriodendron tulipifera 'Little Volunteer': Little Volunteer tuliptree

This new release through PlantHaven International, Santa Barbara, California grows 1/3 the size of the species, but is fast growing. It is hardy to zone 4b and has a pyramidal to broad, upright shape. Since it is so new, the maximum size is not known, but in 4 years, it grew 12' tall and 6' wide. Flowers have not been observed yet as the cultivar is so young and it often takes 15-20 years before a tuliptree will flower.

Maackia amurensis 'JFS-Schichtel1': MaacNificent[®] Amur maackia

This is the most vigorous Amur maackia offered by J. Frank Schmidt and Sons Co. The branching is upright and the tree forms a symmetrical vase-shape. The summer, off-white flowers are fragrant and smell like fresh-mown grass. The fall color is yellow and the tree reaches 30' tall and 22' wide. It is cold hardy to zone 4a.

Nyssa sylvatica 'David Odom': Afterburner[®] blackgum

This release from J. Frank Schmidt and Son Co. has the usual symmetrical form and straight central leader of the species. The glossy, green leaves turn a bright red in late fall, burning brightly after most blackgums have finished their fall color. The tree is a bit smaller reaching 35' tall and 20' wide, but is only cold hardy to zone 5. I am not sure on the provenance of this one.

Nyssa sylvatica 'NSUHH': Green Gable[™] blackgum

This new selection from Hidden Hollow Nursery, LLC, Belvidere, Tennessee has nice, glossy, green leaves and outstanding deep red fall color, typical of the species. It has upright, dense, pyramidal form growing 50' tall and 25' wide. It is noted for its superior resistance to leaf spot. It is hardy to zone 5b-6a as this is from a southern provenance.

Parrotia persica 'JLColumnar: Persian Spire[™] Parrotia

This new selection of Persian Parrotia is from 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 5.

Prunus maackii 'Jefspur': First Editions[®] Goldspur Amur chokecherry

This is a more compact form of Amur chokecherry for smaller spaces as it only grows 10-15' tall and only 6-9' wide with an upright to oval form. Flowers are creamy-white in spring with clusters of small, black fruit in summer that the birds devour. Typical of the species, the bark is quite ornamental; exfoliating, golden-brown and very showy, especially in winter. It is hardy to zone 3a. This tree is offered by Bailey Nurseries, St. Paul, Minnesota.

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 hardy to zone 5, 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 and is released through J. Frank Schmidt and Son Co.

Quercus × bimundorum 'JFS-KW2QX': Skinny Genes[®] oak

This is a cool name for a cool plant. I saw this at J. Frank Schmidt Nursery last summer and was very impressed with how narrow this tree is, perfect for street boulevards. It has a tight, columnar to fastigate form and is the narrowest of their English and white oak hybrid selections growing 45' tall and 10' wide. The leaves are very dark green and glossy turning only yellow in the fall. The foliage has the added benefit of being powdery mildew resistant. It is hardy to zone 4b.

Shrubs

Berberis thunbergii 'O'Byrne': Sunjoy® Tangelo Japanese barberry

Yet another cultivar of Japanese barberry, but this one has bright, tangy-orange leaves with chartreuse margins. It has the same toughness as other cultivars of Japanese barberry and it grows 3-4' tall and wide. It is released from Spring Meadow Nursery, Grand Haven, Michigan.

Buddleia davidii 'Hinebud3': Angel White™ butterfly bush

This butterfly bush has brighter white flowers than other butterfly bushes. The leaves are dark, bluish-gray and the plant reaches 3-4' tall on a densely compact plant. It is offered by Hines Growers LLC, Laguna Hills, California. It is hardy to zone 5b and is a dieback shrub here needing protection during winter.

Buddleia davidii: InSpired™ Series of butterfly bush

This new series from Spring Meadow Nursery has long blooming flowers with the added benefit of being seedless. Because of this, there isn't a chance that the plants can become invasive, unlike other cultivars of butterfly bush. Butterfly bush is only hardy to zone 5b and is considered a dieback shrub in southern Wisconsin. They can be planted into containers and brought into an unheated garage or left in the ground and heavily mulched over for winter protection. They may not come back at all after a hard winter. All butterfly bush cultivars perform best in full sun and moist, well-drained soils. They are quite tolerant to alkaline soils and the fragrant flowers attract butterflies and hummingbirds. They are hardy to zone 5b.

'ILVOargus01': InSpired™ White, has pure white flowers, grows 4-8' tall and wide, depending on climate

'ILVOargus2': InSpired™ Violet, has dark, velvety purple flowers, grows 4-10' tall and wide, depending on your climate

'Pink Pagoda': InSpired™ Pink, this butterfly bush has clear, light pink flowers on a 12-18" long spike, grows 4-6' tall and wide.

Buddleia davidii: Merry Magic™ Series of butterfly bush

This new series of butterfly bush is from Spring Meadow Nursery. These butterfly bushes have lots of thick and large blooms. They are not seedless and are hardy only to zone 5b. See above for cultural information.

'SMBDPL': Merry Magic™ Purple, has large blooms of deep purple flowers and the plant grows 5-7' tall and wide

'SMBDVL': Merry Magic™ Violet, has very long flower spikes of plum-purple flowers, it has low seed set, but is not seedless and grows 6-8' tall and wide

'SMBDPB': Merry Magic™ Orchid is the heaviest bloomer of this series with dark purple flowers produced on a round, compact plant and grows 4-5' tall and wide

Cephalanthus occidentalis 'SMCOSS': Sugar Shack™ buttonbush

Our native buttonbush has a new cultivar from Spring Meadow Nursery. Instead of the typical form of a very large shrub, this selection only grows 3-4' tall and wide. It has glossy, dark green leaves and the same, fragrant, white flowers that resemble a satellite followed by darker pinkish red fruit that resemble Captain Crunch® berries. Buttonbush tolerates wet soils very well and can be planted in lowland areas or locations subject to flooding. It also can be grown right next to ponds and rivers.

Cornus alba 'Jefreb': Little Rebel® Tatarian dogwood

This new dogwood from Jeffries Nurseries, Portage le Prairie, Manitoba, Canada has round, compact growth, green summer foliage and purple-red fall color followed by bright blood-red stems in winter. It grows 3-4' tall and wide. It is cold hardy to zone 3a.

Corylus avellana 'Red Dragon': Red Dragon contorted hazelnut

Similar to its cousin, Harry Lauder's walkingstick, this hazelnut has the same contorted foliage and twigs, but with the addition of reddish-purple to burgundy leaves throughout the summer. The spring catkins are also burgundy with red bracts surrounding the red nuts. It grows up to 10-12' tall and 6-8' wide. It is also resistant

to eastern filbert blight and is hardy to zone 4b. It was bred by Oregon State University and is offered through Holden Wholesale Growers from Silverton, Oregon. I have seen this plant and it is very cool, although, Japanese beetles love to eat the leaves.

Daphne × burkwoodii 'Gold Dust': Gold Dust daphne

This new selection from Spring Meadow Nursery has gold variegated leaf margins instead of white like 'Carol Mackie' daphne. The flowers are very fragrant, pink to white and bloom in spring. It grows only 2' tall and wide and is hardy to zone 5a. Daphnes require excellent drainage with some moisture, but will die if the soil is poorly drained. The roots need to be kept cool with mulch and the plant needs protection from winter winds.

Daphne × burkwoodii 'Moonlight Sonata': Moonlight Sonata daphne

This selection is from Northwest Garden Nursery in Eugene, Oregon and is being released by Spring Meadow Nursery. It is an improved 'Brigg's Moonlight' with thicker, darker green leaf margins and white to gold centers. The flowers are very fragrant, pink in bud opening to white flowers. It has a tight, mounded form growing only 1-3' tall and wide. It is cold hardy to zone 5a.

Dasiphora fruticosa (formerly *Potentilla fruticosa*) 'Kupinpa': Happy Face® Pink Paradise potentilla

This potentilla is from Spring Meadow Nursery. It is supposedly a better pink potentilla than other pink cultivars with clear pink, semi-double flowers. The flower color lasts longer, but does eventually fade in hot sun. Potentillas flower all summer long and are heat and drought tolerant. This one grows 2-3' tall and wide and is hardy to zone 3a.

Deutzia gracilis 'Mincream': Crème Fraiche™ slender deutzia

This deutzia from Spring Meadow Nursery has variegated leaves with white margins. The flower buds are pure white and pearl-shaped that open to pure white, star-shaped flowers in mid spring. It may have reversion shoots that are not variegated so remove those if it happens. The plant grows only 1-2' tall and wide. It is hardy to zone 5b and requires full sun for best flowering.

Deutzia gracilis 'NCDX1': Yuki Snowflake™ slender deutzia

This is another deutzia from Spring Meadow Nursery. This cultivar is very floriferous compared to other cultivars with the same pure white, star-shaped flowers in mid spring. It has a neat, mounded form and grows only 1-2' tall. It is hardy to zone 5b and requires full sun for best flowering.

Exochorda racemosa 'Snow Mountain': Snow Mountain pearlbush

Unlike the species, this cultivar supposedly has flowers all over the plant and down the stems instead of only at the tips of the branches. It also has a more compact habit growing 5-6' tall and 5-8' wide. The flowers are the typical white, rounded, pearl-like flower buds opening to pure white flowers in early spring. It is cold hardy to zone 5. It is from Ball Ornamentals.

Hibiscus 'Resi': Full Blast™ rose-of-Sharon

The Spring Meadow Nursery introduction has large lavender flowers that contrast nicely with dark green leaves. It can be grown as a small tree or shrub. It tends to bloom earlier than *Hibiscus syriacus*, as it is a hybrid. It grows 8-10' tall and 6-8' wide and is hardy to zone 5b. Like all hibiscus, it requires full sun. Unfortunately, Japanese beetles love all hibiscus flowers and they will eat them if not removed.

Hibiscus syriacus 'Mingrand': First Editions® Hawaii™ rose-of-Sharon

This shrub from Bailey Nurseries, St. Paul, Minnesota has deep blue flowers with a reddish-purple center blooming in August-early October. The shrub grows 5-8' tall and 4-7' wide and is hardy to zone 5b. I have been growing this shrub for the past three years in my yard and I do have significant dieback each year on this and all cultivars of rose-of-Sharon, however, the lateral buds farther back down the stem do break and the plant does reliably flower each year. Unfortunately, Japanese beetles love all hibiscus flowers and they will eat them if the insects are not removed.

Hibiscus syriacus 'SHIMRV24': Lil' Kim™ Violet rose-of-Sharon

This is the purple form of Lil' Kim™ hibiscus that is white with a red eye. This hibiscus has bright plum-violet flowers with a red eye in the center of the flower. The flowers are up to 3" across. The plant grows only 3-4'

tall and wide with compact form. It was bred by Dr. Shim of South Korea and is released from Spring Meadow Nursery. Unfortunately, Japanese beetles love all hibiscus flowers and they will eat them if not removed. It is hardy to zone 5b.

Hibiscus syriacus 'SHIMCR1': Ruffled Satin[®] rose-of-Sharon

This hibiscus looks similar to the tropical, non-hardy hibiscus we see in greenhouses. The flowers are a rich pink with ruffled petals and a deep burgundy colored central eye. The petals overlap and form a circle. The internodes are shorter giving a more compact look to the plant. It also produces little seed set. It grows 8-12' tall and 6-8' wide. This is another release from Dr. Shim of South Korea and is released from Spring Meadow Nursery. Unfortunately, Japanese beetles love this hibiscus too. It is hardy to zone 5b.

Hydrangea macrophylla 'BTI': Black Together[™] bigleaf hydrangea

This reblooming hydrangea is from Ball Ornamentals. It has fully double, mop-head type flowers and extra strong stems to hold them upright. The flowers are pink in alkaline soils and blue in acidic soils. The plant grows 3-4' tall and 2-4' wide and is only cold hardy to zone 5b. The stems are a nice black color that offsets the flowers. I do not know if it flowers on old and new wood.

Hydrangea macrophylla 'SMHMSV': Blarney Stone[™] bigleaf hydrangea

Yet another bigleaf hydrangea cultivar, but this one has chartreuse and green variegated leaves. The mop-head type flowers are pink in alkaline soil and blue in acidic soil and supposedly rebloom throughout summer. It grows 2-3' tall and wide and is hardy to zone 5b. The bigleaf hydrangeas often are killed back to the ground during winter but regrow from the root system in early spring. I do not know if this one blooms on old and new wood. Always be suspicious of hardiness ratings on any bigleaf hydrangea. All bigleaf hydrangeas require partial shade to shade and lots of water, as they are drought intolerant. It is a Spring Meadow Nursery introduction.

Hydrangea macrophylla 'SMHMLDD': Let's Dance[®] Diva! bigleaf hydrangea

This is another introduction into the Let's Dance[®] series of bigleaf hydrangeas from Spring Meadow Nursery. The series boasts reblooming flowers on both old and new wood so even as the plant dies back to the ground in winter, the shrub will still flower that summer. Diva! has very large, lace-cap flowers with very large petals. Flower color varies from pink to blue, based on your soil pH. It grows 2-3' tall and wide and requires partial shade to shade and lots of water. It is hardy to zone 5b.

Hydrangea macrophylla 'ES14': Let's Dance[®] Rhapsody Blue bigleaf hydrangea

This is another introduction into the Let's Dance[®] series of bigleaf hydrangeas from Spring Meadow Nursery. The series boasts reblooming flowers on both old and new wood so even as the plant dies back to the ground in winter, the shrub will still flower that summer. Rhapsody Blue has very full, mop-head flowers with very large petals. The flower colors varies from pink to blue, based on your soil pH but apparently, this cultivar is easier to switch to blue. It grows 2-3' tall and wide and requires partial shade to shade and lots of water. It is hardy to zone 5b.

Hydrangea macrophylla 'SMHMP1': Paraplu[™] bigleaf hydrangea

This new bigleaf hydrangea is also from Spring Meadow Nursery. The mop-head, pink to hot pink, double flowers are unusual as most mophead types only have single florets on the large panicle. I do not know if it flowers on old and new wood. It is compact growing, 2 2/2-3' tall and wide and is hardy to zone 5b.

Hydrangea paniculata 'SMHPFL': Fire Light[™] panicle hydrangea

This new panicle hydrangea cultivar has tightly packed panicles of white flowers turning pomegranate-pink later in summer. The flowers are held upright on strong stems. This smaller growing cultivar only gets 4 1/2-6' tall and is hardy to zone 4a. It is one from Spring Meadow Nursery.

Hydrangea paniculata 'ILVOMINDY': Mega Mindy[™] panicle hydrangea

This panicle hydrangea is also from Spring Meadow Nursery. It is faster growing with large white flowers changing to pinkish-red in late summer. The strong stems hold the flowers upright and the plant grows only 4 1/2-5 1/2' tall and 3 1/2-4 1/2' wide. It is cold hardy to zone 4a.

Hydrangea paniculata 'WRHPBB2': Polar Bear™ panicle hydrangea

The very large, white florets on this panicle hydrangea created a fuller flower display. Panicles are produced on strong stems and the plant grows 6-8' tall and wide. Like all the other panicle hydrangeas, it is cold hardy to zone 4a (catalog says zone 3, but that is debatable). This hydrangea is released from Spring Meadow Nursery.

Hydrangea quercifolia 'Brenhill': Gatsby's Gal™ oakleaf hydrangea

Pure white flowers are borne on large panicles held upright above the leaves. The plant grows 5-6' tall and wide and is hardy to zone 5b. It was developed by Douglas and Brenda Hill of Cleveland, Alabama and is released from Spring Meadow Nursery. Like all oakleaf hydrangeas, the burgundy-red fall color is quite nice. The plants do well in partial shade and require moist, well-drained soil.

Hydrangea quercifolia 'Brother Edward': Gatsby's Moon™ oakleaf hydrangea

This is another Gatsby's Series of hydrangeas from the Hill's of Cleveland, Alabama released by Spring Meadow Nursery. The florets are double, white, and supposedly more weather resistant. The panicles are tightly packed with florets giving it a fuller appearance. Unlike other cultivars, the white flowers fade to light green lasting throughout most of summer. This is a larger plant growing 6-10' tall and wide. It is hardy to zone 5b.

Hydrangea quercifolia 'Doughill': Gatsby's Star™ oakleaf hydrangea

The individual florets are very large, double and star-like due to the pointed tips of the petals. The overall flower effect is lacy. The Hill's also bred this hydrangea and is released by Spring Meadow Nursery. It is medium sized growing 5-6' tall and wide and is hardy to zone 5b.

Hydrangea quercifolia 'Ice Crystal': Ice Crystal oakleaf hydrangea

This cultivar from Hines Growers, LLC has compact form with many conical panicles of pure white flowers. The leaves are a bit smaller and turn a rich red to burgundy in fall. It is cold hardy to zone 5b and can grow from 3-6' tall and wide.

Hydrangea quercifolia 'Ruby Slippers': Ruby Slippers oakleaf hydrangea

This oakleaf hydrangea is a newer release from the U.S. National Arboretum in Washington, D.C. and is distributed through a number of nurseries including Spring Meadow Nursery. This hydrangea has white flowers in summer that quickly turn pale pink in summer then deepen to a rose color in fall. The flowers are held upright above the foliage. The leaves turn a nice mahogany-red in fall. This compact plant only gets 3-3 ½' tall and 4-5' wide. It also is hardy to zone 5b.

Hypericum kalmianum 'SMHKBF': Blues Festival™ Kalm's St. Johnswort

The leaves on our native St. Johnswort are supposedly bluer than some other cultivars. The flowers are the same bright yellow flowers borne at the tips of branches in July and August. The branching is tighter and the plant is compact growing 2-3' tall and wide. It is hardy to zone 4a and like ninebark, sumacs and weigela, Kalm's St. Johnswort did very well last year during the intense summer heat and drought. This plant is offered by Spring Meadow Nursery.

Ilex verticillata 'FarrowBP': Berry Poppins™ winterberry/ *Ilex verticillata* 'FarrowMP': Mr. Poppins™ winterberry
These two, new cultivars of our native winterberry is from Spring Meadow Nursery. Berry Poppins™ is a heavy fruiter with dwarf form only reaching 3-4' tall and wide. Supposedly it fruits heavier than 'Red Sprite'.

Winterberries do well in acidic, wet soils and do not tolerate drought or high pH. They will fruit best if planted in full sun near the male pollinator, Mr. Poppins™ winterberry, which also grows only 3-4' tall and wide with no fruit.

Philadelphus coronarius 'Icelandic': Icelandic™ mockorange

This mockorange has fragrant, pure white flowers in late spring. The leaves are variegated with white margins and green centers. The form is tight and the plant only grows 4-5' tall and wide and is cold hardy to zone 4b. It is released from Ball Ornamentals.

Philadelphus coronarius 'Romanizam': Romantic Knight™ mockorange

This mockorange from Ball Ornamentals has double the size, pure white, fragrant flowers than the species. It grows 6-10' tall and wide and is hardy to zone 4b.

Philadelphus 'White Rock': White Rock hybrid mockorange

The flowers on this mockorange are semi-double, pure white, but only lightly scented. The flowers are large and abundant in June and supposedly into July. The plant grows 4-6' tall and 6-8' wide and is cold hardy to zone 4b. This mockorange is from Spring Meadow Nursery.

Physocarpus opulifolius 'Jefam': First Editions® Amber Jubilee™ eastern ninebark

This is a new selection from Bailey Nurseries of our native eastern ninebark. It has rounded, dense form with orange, yellow, and gold leaves that stand out in the landscape. The shrub grows 5-6' tall and 4' wide and is hardy to zone 3. The white, late spring flowers are followed in fall with red and purple tones on the leaves. Foliage color is best in full sun. Eastern ninebarks are quite drought and heat tolerant and performed quite well during the intense drought and heat of Summer 2012. Amber Jubilee™ ninebark was named in honor of Queen Elizabeth's Diamond Jubilee in 2012.

Physocarpus opulifolius 'Bert Darts G': Festivus Gold™ eastern ninebark

This selection is from Spring Meadow Nursery and is supposedly an improvement over 'Dart's Gold' eastern ninebark. The plant is more compact with thicker, heavier stems. It grows only 3-4' tall and wide and has yellow leaves throughout the summer. The flowers are white, like the species, in late spring. It is hardy to zone 3.

Physocarpus opulifolius 'Mahogany Magic': Mahogany Magic eastern ninebark

This new selection from Sheridan Nurseries, Georgetown, Ontario, Canada is cold hardy to zone 3. It has more compact branching and is very floriferous in bloom. It is a full size ninebark reaching 9' tall and 6' wide.

Physocarpus opulifolius 'SMPOTW': Tiny Wine™ eastern ninebark

This is also from Spring Meadow Nursery and is similar to Bailey Nurseries Little Devil® eastern ninebark in size. It is a dwarf, growing only 3-4' tall. I think it will be a bit bigger than Little Devil®, but who knows. The leaves are smaller and dark bronze-maroon all summer with pinkish-white flowers in late spring. It is hardy to zone 3.

Rosa 'BAlypso': Easy Elegance® Calypso shrub rose

These hardy shrub rose series were introduced by Bailey Nurseries. There is one new selection this year to this series. These roses were bred for disease resistance, long blooming season and improved cold hardiness to zone 4. Calypso rose has double, apricot to pink, 2 1/2" wide flowers. I do not know if this one is fragrant or not. It is a recurrent bloomer meaning it blooms heavily in spring and sporadically in summer and heavier in fall. It is hardy to zone 4.

Rosa 'ChewNiceBell': Oso Easy® Italian Ice shrub rose

This is a new selection that is part of Spring Meadow Nursery's Oso Easy® series of roses. This selection has orange flower buds that open to semi-double flowers of soft yellow blushed with pink on the petal margins. The foliage is dark green and glossy. The flower petals are self-cleaning and the plant has good disease resistance. It grows only 1 1/2-2 1/2' tall and is hardy only to zone 5.

Rosa 'ChewHocan': Oso Easy® Lemon Zest shrub rose

Another rose from Spring Meadow Nursery has bright, canary yellow flowers that unlike other yellow cultivars, does not fade to white. The foliage is glossy green and the flowers are also self-cleaning. It has the same disease resistance as others in the series. It grows 1 1/2-2 1/2' tall and is hardy only to zone 5.

Rosa 'ChewAllBell': Oso Easy® Pink Cupcake shrub rose

This is the last release of this series this year from Spring Meadow Nursery. This rose has semi-double, pink flowers with a touch of coral. The leaves are glossy green and disease resistant. The new growth is reddish before it turns green. The plant grows 2-4' tall and is hardy only to zone 5.

Rosa 'DARpellerin': Cape Diamond[®] shrub rose

This is a new disease resistant rose with old-fashioned, sweet and spicy rose fragrance. The flowers are pink and the leaves are gray-green. It grows into a large, spreading shrub (4-5' tall) or can be trained as a climber. It was bred in Canada and is best suited to northern climates as it is cold hardy to zone 3. It is offered by Spring Meadow Nursery.

Rosa 'Hornimrod': Livin' La Vida[™] shrub rose

The flowers are bright coral to flamingo pink set against glossy, dark green leaves. This rose blooms continuously throughout summer into fall. The form is compact and upright growing only 2 ½-3' tall and wide. It is only cold hardy to zone 5 and is offered by Spring Meadow Nursery.

Rosa 'Meipojona': Tequilla Gold[™] rose

This new shrub rose is a mutation of Tequilla[™] shrub rose. The flowers are non-stop throughout the summer and are bright gold. It is disease resistant and reaches a height of 5-6' tall and 4-5' wide and is cold hardy to zone 5. It is a Star Roses[®] introduction, West Grove, Pennsylvania.

Rosa 'Novarospop': Popcorn Drift[®] groundcover rose

This selection is from Star Roses[®] and is a groundcover type rose growing only 1-1 ½' tall and 2' wide with rounded form. The flowers are small, cup-like, creamy-yellow fading to pure white. The foliage is medium green and glossy. The plant has good disease resistance. It is cold hardy to zone 5.

Rosa 'Radclean': Cloud 10[™] climbing rose

This rose bred by Milwaukee's own Bill Radler is a new, pure white climbing rose that is similar in flower to the old English roses. It is a disease resistant rose that is offered by Star Roses[®]. It is hardy to zone 6, but in zone 5, it grows like a shrub with some dieback each winter.

Rosa 'Radcleome': Look-A-Likes[™] Phloxy Baby

Another rose from Bill Radler released through Star Roses[®], this rose is a hybrid polyantha with tiny, deep pink buds that open to medium pink that fade to light pink to whitish. It is a very vigorous, upright rose with up to 50+ blooms per stem throughout summer. It eventually reaches 5 ½' tall and 4-5' wide. It is only cold hardy to zone 5.

Salix lapponum: downy willow

This species has not been sold commonly in the U.S., but is offered by Iseli Nursery. The foliage is covered with silvery hairs. It is a low-branching shrub growing 3-5' tall and wide. It is native to northern Europe and thrives in wet soils. The form is globed shaped and is hardy to zone 3a.

Spiraea betulifolia 'Tor Gold': Glow Girl[™] birchleaf spirea

This new selection of the birchleaf spirea has white, spring flowers and lemon-lime colored leaves that do not burn in the sun. The fall color is similar to its cousin 'Tor' spirea with shades of orange and burgundy. The plant has a compact form, growing 3-4' tall and wide and rarely needs pruning. It is hardy to zone 4a. It is offered by Spring Meadow Nursery.

Syringa 'SMSJBP7': Bloomerang[®] Dark Purple lilac

Similar to its cousin Bloomerang[®] Purple lilac, this lilac is a slightly larger plant growing 4-6' tall with a compact form. The flowers are more rounded and are fragrant and darker purple. It can rebloom sporadically during summer. It is hardy to zone 4 and is from Spring Meadow Nursery.

Syringa 'SMSXPM': Scent and Sensibility[™] Pink lilac

This is another dwarf lilac sized for the home landscape offered by Spring Meadow Nursery. The flowers are soft, lilac pink and are very fragrant. It does have a few repeat flowers during summer into fall. The form is compact, rounded growing only 2-3' tall and 4-5' wide. It is hardy to zone 4.

Syringa vulgaris 'Elsdancer': Tiny Dancer™ common lilac

This lilac species usually grows well over 8' tall and wide, but this new cultivar from Plants Nouveau, Charleston, South Carolina only grows 4-5' tall and 3-4' wide. The violet purple flower buds open to lavender-pink and have the same great lilac fragrance as other cultivars. The plant is powdery mildew resistant and heat tolerant and is hardy to zone 4.

Viburnum carlesii 'SMVCB': Spice Ball™ Koreanspice viburnum

Typical of the species, this viburnum from Spring Meadow Nursery has compact form with large, very fragrant, pink in bud opening to white flowers in May. It grows 3 ½-5' tall and wide and is hardy to zone 5, less cold hardy than the species.

Viburnum plicatum f. *tomentosum* 'GSLadges': Copper Ridges™ doublefile viburnum

This viburnum has coppery new leaves in spring turning dark green in summer. The heavily textured leaves have deeply impressed veins giving the plant a nice coarse texture. The spring flowers are white, lacecap-like followed by red fruit that turn black upon maturity. The fall color is copper, turning maroon to deep wine-red. This is a large shrub, like the species, growing 10' tall and wide with horizontal branches. It is only cold hardy to zone 5b. It is offered by GreatPlants® for the Great Plains out of the Nebraska State Arboretum in Lincoln, Nebraska.

Viburnum 'Prairie Classic': Prairie Classic viburnum

This viburnum is a natural hybrid of our native *Viburnum prunifolium* (blackhaw viburnum) and *Viburnum lentago* (nannyberry viburnum). It offers four seasons of color. The flat-topped, white flowers occur in spring followed by showy, leathery summer leaves that turn orange to red in fall. The fruit clusters occur in summer and are pink to rosy-red to bluish-black often multi-colored in the same cluster. They may persist if the birds don't eat them. This large shrub grows 12' tall and wide and can be limbed up to grow into a small tree. The form is rounded. Unlike one of its parents, it is resistant to powdery mildew. It is cold hardy to zone 3b and is offered by GreatPlants® for the Great Plains out of the Nebraska State Arboretum in Lincoln, Nebraska.

Weigela 'Bokratwo': Merlot Pink™ weigela

Another weigela cultivar is on the market with bright pink flowers and bronze leaves. This full size weigela grows 6-8' tall and wide and is hardy to zone 4b. It is offered by Hines Growers, LLC.

Weigela 'Bokrafive': Merlot Rose™ weigela

Another weigela cultivar offered by Hines Growers, LLC. This also has bronze leaves but with rose colored flowers borne on a compact 2 ½-3' tall and 3-4' wide plant. It is hardy to zone 4b.

Weigela praecox 'April Snow': April Snow weigela

This new weigela has pure white, spring flowers that bloom three weeks earlier than other weigelas. It has an upright, vase-shaped form growing 6' tall and 4' wide. The leaves are glossy and bright green. It is hardy to zone 4b. Weigelas are tough, heat tolerant plants and performed quite well during the intense drought and heat of Summer 2012. Weigelas are seldom bothered by insects or diseases and Japanese beetles leave them alone. This shrub is being released from Bailey Nurseries.

Vines

Campsis radicans 'Stromboli': First Editions® Atomic Red™ trumpet creeper

This trumpet creeper has dark red buds that open to orange-red, trumpet shaped flowers in mid summer that deepen to a bright red as the flowers mature. Typical of the species, this cultivar is a fast growing, vigorous vine that needs strong support to bear the weight of this vine. It can grow up to 20-30' tall and will require a lot of space to grow. Trumpet creeper is quite tolerant of poor soils as well as sandy soil. It is heat, salt and drought tolerant, but can be quite aggressive in the landscape spreading quickly via suckers. It is hardy to zone 4b and this cultivar is being released by Bailey Nurseries.

Campsis radicans 'Takarazuka Variegated': Summer Snowfall™ trumpet creeper

This trumpet creeper from Hines Growers, LLC has a different look as the leaves are variegated with white splashed on the green leaves. The flowers are the typical, large, orange trumpets that attract hummingbirds. It grows 12-18' tall and requires a strong support to bear the weight of the vine. It is cold hardy to zone 4b.

Campsis Summer Jazz™ Series from Ball Ornamentals

These new hybrid trumpet creeper vines are half the size and vigor of *Campsis radicans*. The hardiness is supposedly zone 5b for all three, but I am leaning more on zone 6a. The height on these cultivars seems a bit short to me, but I have not seen them growing yet.

'Takarazuka Yellow': Summer Jazz™ Sunrise Gold trumpet creeper has all yellow flowers, growing only 3' tall and wide

'Takarazuka Zujin': Summer Jazz™ Tangerine trumpet creeper has bicolor, tangerine, bicolor flowers that supposedly rebloom in summer, grows only 2 ½' tall and 3' wide

'Takarazuka Fresa': Summer Jazz™ Fire trumpet creeper grows larger to 6' tall and 5' wide with bright red flowers with orange overtones

Clematis 'Evipo026': Diana's Delight™ clematis

This clematis is offered by Bailey Nurseries. It has a mix of light and dark shades of blue to bluish-purple with a creamy-yellow center. Flowers occur in early to mid summer and rebloom in late summer to early fall. This shorter clematis reaches only 4-6' tall. It is hardy to zone 4.

Clematis terniflora 'Sweet Summer Love': Sweet Summer Love sweet autumn clematis

Similar to the species, this clematis from Szczepan Marczycki of Poland, released by Spring Meadow Nursery, has very fragrant flowers of the species, except the flower color is cranberry-violet instead of the usual white. It also flowers up to a month earlier than the species and lasts longer in bloom. This fast growing vine grows 10' tall and is hardy to zone 4a.

Lonicera x brownii 'Kristin's Gold': Hummingbird's Gold™ honeysuckle

This new honeysuckle vine from Hines Growers LLC has golden-yellow flowers instead of the usual red or orange. The fast growing vine can reach 15' tall. It is hardy to zone 3b.

Lonicera periclymenum 'Inov 71': Sweet Tea™ honeysuckle

This vine has light yellow, pink and white flowers that are very fragrant. It is also offered by Hines Growers LLC. This fast growing vine can reach 5-6' tall and 1 ½-2 ½' wide and is cold hardy to zone 5.

Lonicera periclymenum 'Inov 86': Peaches and Cream™ honeysuckle

This new introduction has a compact form and can be used as a vine or as a flowering groundcover. The flowers are pink on the outside and white on the inside and are quite fragrant. It can grow 5-6' tall and 1 ½-2 ½' wide. It is cold hardy to zone 5 and is offered by Hines Growers LLC.

Lonicera periclymenum 'Scentsation': Scentsation woodbine honeysuckle

This vine has very fragrant, yellow flowers from spring to late summer followed by bright red berries. This vine grows fast and does well on a trellis or fence and can grow 10' tall and 5' wide. It is hardy to zone 5 and is from Spring Meadow Nursery.

Schizophragma hydrangeoides 'Minsens': Rose Sensation™ Japanese hydrangea vine

This vine grows flat against a wall with showier, larger, deeper pink flower sepals in June and July than the species. The 8-10" wide, flower clusters are flat-topped with outer sterile flowers that have only a single, showy, large sepal, but are impressive. It is only cold hardy to zone 5b. This vine is from Spring Meadow Nursery.

Wisteria frutescens var. *macrostachya* 'Betty Mathews': First Editions® Summer Cascade Kentucky wisteria

Like the species, this wisteria blooms in mid to late June with dark lavender flowers that fade to a lighter lavender with some white. Kentucky wisteria is hardier than other wisterias. Like trumpet creeper, this vigorous, fast growing vine will require a lot of space to grow and a strong support to bear the weight of the vine. It can grow 15-20' tall and can cover an arbor or pergola quickly.

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 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 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.

Abies procera 'Blaue Hexe': Blaue Hexe noble fir

This neat miniature conifer has frosted blue foliage borne on short stems. The form is low, spreading and cushion-shaped. Typical of miniature conifers, it is slow growing. It can develop a bit of height with age. It is only cold hardy to zone 5b. It is from Iseli Nursery.

Buxus microphylla 'Bulthouse': Sprinter™ littleleaf boxwood

This is an improved form of 'Winter Gem' as it is faster growing with glossy, evergreen leaves and more upright habit good for hedging. It is only cold hardy to zone 5 and grows 2-4' tall and wide. It is offered by Spring Meadow Nursery.

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 this past summer 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. It requires very little pruning to maintain the tight ball shape. It is cold hardy to zone 4b.

Euonymus fortunei 'WALDBOLWI': Goldy™ wintercreeper

This is an improved version of 'Emerald-n-Gold' wintercreeper by Spring Meadow Nursery. This euonymus has all gold leaves, especially the new leaves in spring. It is a groundcover growing only 1 ½-2' tall and 3-4' or more wide. It is hardy to zone 5a and is evergreen. Like all wintercreepers, it requires partial shade as it can winterburn due to winter sun and wind.

Euonymus fortunei 'Mickaela': Summer Sun™ wintercreeper

This low growing groundcover has green and gold variegated leaves. The plant grows 1 ½-2' tall and 2 ½-3 ½' wide and is only cold hardy to zone 5b. It is released by Ball Ornamentals, West Chicago, Illinois.

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. The plant is offered by Iseli Nursery.

Juniperus horizontalis 'Pancake': Pancake creeping juniper

This new cultivar of our native creeping juniper has feather, 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.

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.

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 3b. 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. As winter progresses, the plant becomes two-toned with the top of the short needles turning yellow while the underside remain green. It is a fast grower with broad, upright form that is open when young becoming fuller with age. It is hardy to zone 2b.

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 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.

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.

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.

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.

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.

Pinus strobus 'Paton's Silver Splendor': Paton's Silver Splendor eastern white pine

This cultivar of our native tree has excellent resistance to white pine blister rust due to thick waxy coating on the blue-green needles giving the tree a silvery look. The tree grows 50-80' tall and 20-40' wide and is hardy to zone 3a. It is released by Bailey Nurseries.

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 'Anna Van Vloten': Anna's Magic Ball™ arborvitae

This is a dwarf conifer with bright gold, looser foliar sprays giving it a feathery appearance. The form is ball-like growing only 10-15" tall and wide. It was bred in Canada and is cited as being winterburn resistant. It is cold hardy to zone 3 and is offered by Spring Meadow Nursery.

Thuja occidentalis 'Flip's Magic Moment': Flip's Magic Moment arborvitae

This dwarf Alberta spruce looking conifer has the same tight, pyramidal shape growing only 6-8' tall at maturity. It has bright gold leaves throughout the year and does well in containers. It is cold hardy to zone 3 and is offered by Spring Meadow Nursery.

Thuja occidentalis 'Jantar': Jantar arborvitae

I have seen this new cultivar and was amazed at its bright yellow foliage. This cultivar is from Poland and Iseli Nursery is selling it. It has the form of Emerald arborvitae, intermediate sized, narrow, upright form. During winter, the color turns a warm amber color (Jantar is Polish for amber). It is hardy to zone 4a.

Thuja occidentalis 'Janed Gold': Highlights® Janed Gold

This selection is from PlantHaven International, Santa Barbara, California. It is a sport from Emerald arborvitae. The foliage is bright yellow-gold year round and the plant has the same tight, upright, pyramidal form as Emerald arborvitae becoming conical with age. It grows 20' tall and 5' wide at maturity. It is only hardy to zone 5, but not seen it in zone 4 yet.

Thuja occidentalis 'SMTOYB': Polar Gold™ arborvitae

This arborvitae is also from Spring Meadow Nursery and has the same form as 'Brandon', but with gold foliage, especially at the tips. It has dense foliage and is resistant to winterburn. It grows 12-15' tall and only 4-6' wide and is hardy to zone 3.

Thuja occidentalis 'SMTOBP': Skywalker™ arborvitae

This arborvitae has a very narrow, conical habit reaching 12-15' tall and only 3-5' wide. It also is resistant to winterburn. It is offered by Spring Meadow Nursery and is hardy to zone 3.

Thuja occidentalis 'SMTOTM': Thin Man™ arborvitae

A good screening plant as this arborvitae has very narrow form and is faster growing. It holds its green color into winter and grows quite tall, 30-40' tall, but only 3-4' wide and is hardy to zone 3. I do not know how it will handle snow load and I am a bit skeptic about this issue as so many large arborvitaes split apart with heavy snow. It is offered by Spring Meadow Nursery.

Tsuga diversifolia 'Minikin': Minikin Northern Japanese hemlock

This dwarf cultivar of Northern Japanese hemlock has upright, reddish-brown shoots covered in wide, blunt tipped 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 4.