

## New Plant Forum<sup>©</sup>

Compiled and Moderated by Charles Tubesing

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*Acer saccharum* 'Morton', Crescendo™ sugar maple  
*Phlox* 'Forever Pink'  
*Syringa reticulata* subsp. *pekinensis* 'Zhang Zhiming', Beijing Gold™ tree lilac

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*Deutzia* 'NCDX2', Yuki Cherry Blossom™ deutzia ppaf, cbraf  
*Hydrangea macrophylla* 'SMHMTAU', Let's Dance® Blue Jangles™ hydrangea ppaf, cbraf  
*Ligustrum* × *vicaryi* 'KCLX1', Golden Ticket™ ligustrum ppaf, cbraf  
*Physocarpus opulifolius* 'SMPOTW', Tiny Wine™ ninebark ppaf, cbraf  
*Sambucus racemosa* 'SMNSRD4', Lemon Lace™ sambucus ppaf, cbraf

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*Aquilegia canadensis* 'Pink Lanterns'  
*Clematis integrifolia* 'Blue Ribbons'  
*Echinacea pallida* 'Hula Dancer'  
*Fatoua villosa*  
*Mirabilis multiflora*

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*Nyssa sylvatica* 'WFH1', Tupelo Tower™ black tupelo PP22976

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*Geum* 'Gimlet' PPAF  
*Geum* 'Sea Breeze' PPAF  
*Vernonia* 'Southern Cross'

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*Betula nigra* 'Dickenson', Northern Tribute<sup>®</sup> river birch  
*Picea abies* 'Noel', Royal Splendor<sup>®</sup> Norway spruce  
*Acer triflorum* 'Jack-O-Lantern', Orange Aglo<sup>™</sup> threeflower maple

**ACER SACCHARUM 'MORTON', CRESCENDO<sup>™</sup> SUGAR MAPLE**

Selected from the collections of The Morton Arboretum in Lisle, Illinois, for its excellent heat and drought tolerance, durable dark green summer foliage, outstanding orange-red fall color, and uniform, broadly oval habit. Crescendo sugar maple grows to 20 to 25 ft in height with a 15- to 20-ft spread in 10 to 15 years. It is a uniform grower in production. The heavily textured leaves are resistant to leaf tatter in areas of high winds. It makes an excellent specimen or shade tree for the residential lawn, parks, and golf courses. Like other sugar maples, it does not tolerate compacted soils, areas with high air pollution, or significant salt spray or runoff. Consider it as a replacement tree for native ash trees (*Fraxinus* sp.) in areas infested with emerald ash borer. Hardy to U.S.D.A. Zones 4-8. A Chicagoland Grows<sup>®</sup> Inc., plant introduction.



**ACER TRIFLORUM 'JACK-O-LANTERN', ORANGE AGLO<sup>™</sup> THREEFLOWER MAPLE**

Orange Aglo<sup>™</sup> threeflower maple is an outstanding small tree with attractive exfoliating bark coupled with exceptional pumpkin-orange fall color. This species is not common in the nursery trade and propagated by seed resulting in variable fall color ranging from yellow to orange to red, Orange Aglo<sup>™</sup> threeflower maple has been selected for consistent orange fall color. This selection has shown superior hardiness as well as no chlorosis symptoms in alkaline pH soils, which is reportedly not typical of the species. Orange Aglo<sup>™</sup> has grown approximately 1 ft annually over a 15-year period in the NDSU Research Arboretum. The bark of Orange Aglo<sup>™</sup> is noticeable in all seasons and characterized by ash-brown to golden-orange vertical striations. Orange Aglo<sup>™</sup> produces quality, trifoliolate compound leaves (5.2 in. long and 3.75 in. in width) which are irregularly serrated and semi-pubescent. This is a highly adaptable hardy substitution for paperbark maple (*A. griseum*) in colder climates with its exquisite multi-seasonal effects. Uses for this outstanding small size tree are many, including specimen, residential landscape, parks and public grounds especially with featuring the ornamental bark and quality foliage. Propagation is not easy grafting is recommended. USDA Hardiness Zone 3.



***AQUILEGIA CANADENSIS* ‘PINK LANTERNS’**

The Canada columbine has a wide natural distribution from cold areas of Southern Canada, and the Northern USA, to the hot and humid summer parts of the Southeastern USA, and across the Great Plains of the Central USA. It is one of the most durable columbines. The North American species can be found in dry woods, rock ledges and peat bogs. It has been in cultivation since 1640 and the American Indians allegedly used Canada columbine to prepare a “love” potion.

‘Pink Lanterns’ has dainty, curving short-spurred, nodding pink blooms – with straw-colored inner petals – that rise 45 cm (18 in.) on wiry stems above basal rosettes with handsome, three-lobed leaves. Plants are hardy in Zones 3-8.

We are honored that the lovely Dyck Arboretum of the Plains in Hesston, Kansas would share this wonderful pink-flowering seed strain with Jelitto Perennial Seeds.



***BETULA NIGRA* 'DICKENSON', NORTHERN TRIBUTE<sup>®</sup> RIVER BIRCH**

An outstanding landscape specimen with its upright rounded habit and ivory bark exfoliating to copper-bronze. Northern Tribute<sup>®</sup> has shown superior adaptability to stresses of the upper Midwest and Northern Plains. It has shown no signs of winter injury or iron chlorosis in alkaline soils and has performed well in compacted, dry soils, which is extremely atypical of the species and other selected cultivars. Northern Tribute<sup>®</sup>'s abilities to perform well in compacted, dry soils will greatly open the landscape possibilities of this species even in warmer hardiness zones. Summer foliage is lustrous medium to dark green with outstanding golden yellow fall color. Prefers moist well-drained soil but performs well in compacted, dry soils. It is pH tolerant including alkaline soils. It is recommended as a landscape specimen tree in more open areas. Most cultivars of river birch suffer winter injury in Zone 3 and suffer from iron chlorosis in alkaline pH soils; Northern Tribute<sup>®</sup> has shown no signs of winter injury or iron chlorosis in alkaline soils. USDA Hardiness Zone 3.



***CLEMATIS INTEGRIFOLIA* 'BLUE RIBBONS'**

'Blue Ribbons' is an improved, low-growing seed strain with an abundance of 4.5 cm (1.75 in.) flowers that are up to 3 times bigger than typical forms. Jelitto's 'Blue Ribbons' remains upright to 40 cm (16 in.) and doesn't sprawl like others, though light staking or support of other perennials is still helpful where heavy summer rains or high winds prevail.

The nodding, indigo blue flowers, shaped like little parasols, flower from May through August and are followed by decorative silvery seed heads into early winter. 'Blue Ribbons' grows wider and more beautiful every year, and is a wonderful new selection of a long-lived species that deserves wider use.



***DEUTZIA* 'NCDX2', YUKI CHERRY BLOSSOM™ DEUTZIA PPAF, CBRAF**

- First ever Nikko-type with pink flowers
- Developed by Dr. Tom Ranney of North Carolina State University
- 12-24 in. tall. Great for mass planting
- Deer resistant
- USDA 5, AHS 8
- Sun/part shade



### ***ECHINACEA PALLIDA* 'HULA DANCER'**

The low maintenance and drought tolerant *E. pallida* grows primarily in sunny, rocky sites in the eastern portions of the prairies of the Great Plains in the United States. It is the only coneflower species with white pollen. This Jelitto seed strain evokes a dancer at a traditional Hawaiian luau in spite of the fact that it is actually a tough prairie coneflower. The dramatically reflexed, very narrow, white petals with a pink tinge, drooping from orange-brown cones conjure images of swaying dancers and south Pacific breezes.

The blooms are slightly fragrant, attract butterflies and would be a nice addition to a cut flower arrangement. Elegant 'Hula Dancer' grows on single, unbranched slender stems to 80 cm (32 in.) and is perfectly cold hardy to -25°C (-20°F). 'Hula Dancer', is as much at home in the garden as it would be on the prairie.



### ***FATOUA VILLOSA***

There are weeds of annoyance and weeds of perpetual affection. My garden is carpet bombed with seeds of red buds *Cercis canadensis*, the Eastern redbud. I put up with them, the same as I did my children when they were annoying teenagers.

Mulberry weed is an unwelcome guest that I can't shake loose. The trouble is: the mulberry weed doesn't travel alone. I'd like to get rid of them all, but there is no end to mulberry weed. In a prodigious year for weeds in Kentucky, I fear *F. villosa* is winning the war.

The rogue showed up in my Louisville garden 7 or 8 years ago and never takes a day off from May until frost. It is usually easy to spot, growing upright to a foot or more, but there are wayward progeny with procumbent growth, creeping low-slung, in the semi-shade. These are the hardest to nab. This mulberry tree relative has dull, barely distinguishable flowers that produce mature seeds in the blink of an eye. A gazillion seeds give or take can be catapulted across two time zones.



***GEUM* 'GIMLET' PPAF, AVENS OR GRECIAN ROSE**

An Intrinsic Introduction. This light yellow *Geum* can have white tips in its petals especially as the semi-double flowers fade. They begin blooming in early May and continue for 3-4 weeks on 18 in. green stems. Full sun, rich moist soil is best.



**GEUM 'SEA BREEZE' PPAF, AVENS OR GRECIAN ROSE**

An Intrinsic Introduction. This robust grower has larger hairy foliage than most *Geum* introductions. Orange flowers can verge on the red side after cold nights and measure 2 in. wide. The unique flowers have folded wavy petals like they are blowing in the breeze and are held on red 18 in. plus stems. Full sun, rich moist soil. Nice with salvias.



**HYDRANGEA MACROPHYLLA SMHMTAU, LET'S DANCE® BLUE JANGLES™  
HYDRANGEA PPAF, CBRAF**

- Compact habit
- Strong rebloomer
- Pure blue or pink mophead
- Most intense blue color
- Sturdy stems
- 2-3 ft tall
- USDA 5, AHS 9
- Sun/part shade





***LIGUSTRUM* × *VICARYI* KCLX1, GOLDEN TICKET™ *LIGUSTRUM* PPAF, CBRAF**

- Sterile golden vicary privet
- Heavy, sweet fragrance
- Glossy, golden foliage
- Compact habit
- Easy to grow
- 4-6 ft tall
- Deer resistant
- USDA 5, AHS 10
- Sun



***MIRABILIS MULTIFLORA***

The Colorado four o'clock is a durable perennial that has a native range from Colorado, south to Texas and west to California. The species grows to 60 cm (24 in.) and has ovate, gray-green foliage and rose-purple blooms that open at dusk and close in the early morning hours. I've grown the drought resistant species in a well drained, gravel bed in Kentucky in full sun for 6 years.



***NYSSA SYLVATICA* 'WFH1', TUPELO TOWER™ BLACK TUPELO PP22976**

Zone 4-9, height: 30-40 ft , width: 12-15 ft

Tupelo Tower™ black tupelo is a unique and distinctive upright tree with ascending branches and central leader that gives it a strong vertical habit. The leaves are dark green in summer turning to shades of gold and orange in the fall. Small blue fruit are taken by the birds in mid autumn. Useful as a street tree or upright specimen. Adaptable to a wide range of soil. Selected as a seedling from native trees in northeast Ohio. Introduced by Klyn Nurseries of Perry, Ohio. Introduced year: 2013.



***PHLOX* 'FOREVER PINK'**

Compact, carefree, and long-blooming, *Phlox* 'Forever Pink' is destined to be a popular garden plant. This beautiful selection is covered with vibrant purplish-pink flowers for three weeks in late May into June in northern Illinois (U.S.D.A. Zone 5a), then repeat-blooms well into October, truly living up to its name. It appears to be sterile, which would explain its long bloom season. Plants are compact, dense, and remain upright all season, growing to 13 in. tall in foliage, 16 in. tall in bloom and 18 in. wide. The foliage is quite resistant to powdery mildew. Use this striking selection in full sun toward the front or middle of the perennial border. Take advantage of this phlox's uniform size and mass the plants for a striking display. Selected in 2009 from a hybrid cross made at the Chicago Botanic Garden in 2007. Hardy to U.S.D.A. Zones 4-8. Easy to propagate from cuttings. A Chicagoland Grows® Inc., plant introduction.



***PHYSOCARPUS OPULIFOLIUS* 'SMPOTW' TINY WINE™ NINEBARK PPAF, CBRAF**

- Dwarf hybrid smaller than other red-leaved ninebarks
- Mildew resistant
- Extra bushy with small, refined leaves
- Deep bronze-maroon foliage with white flowers in late spring
- Great for cut flowers
- USDA 3, AHS 7
- Sun



***PICEA ABIES* ‘NOEL’, ROYAL SPLENDOR<sup>®</sup> NORWAY SPRUCE**

Royal Splendor<sup>®</sup> is a striking evergreen landscape specimen characterized by a narrower, upsweeping branch angle with brighter emerald-green needle color. It has an outstanding narrowly-pyramidal habit devoid of drooping, pendulous tertiary branchlets, which typify this species. Mature size is 40 ft × 25 ft. Performs best in well-drained soil and is tolerant of higher pH soils. It is recommended as a landscape specimen tree in more open areas or as a nice upright screening tree. Royal Splendor<sup>®</sup> Norway spruce is deer resistant and stigmina needle cast disease resistant making it superior over other spruce selections. This is not the typical Norway spruce to hide in a windbreak. Royal Splendor<sup>®</sup> Norway spruce is typically side grafted. USDA Hardiness Zones 3.



***SAMBUCUS RACEMOSA* ‘SMNSRD4’, LEMON LACE<sup>™</sup> SAMBUCUS PPAF, CBRAF**

- Lacy golden foliage with red new growth
- Improved sunburn resistance
- White spring flowers and red fruit in fall
- Foliage more deeply cut than ‘Sutherland Gold’ or Black Lace<sup>™</sup> sambucus
- Tolerates full sun in northern climates; prefers light shade in southern areas
- 3-5 ft tall
- Deer resistant
- USDA 3, AHS 7
- Sun/part shade



***SYRINGA RETICULATE* SUBSP. *PEKINENSIS* 'ZHANG ZHIMING', BEIJING GOLD™ TREE LILAC**

This selection exhibits multiple seasons of interest, from its panicles of fragrant, primrose-yellow flowers in early summer to its dark green foliage that can turn an eye-catching yellow in autumn. The ornamental, cherry-like cinnamon-colored bark is attractive year-round. Beijing Gold™ tree lilac grows to 20 ft in height with a 15-ft spread. It is more upright and less coarsely branched than most other tree lilacs. This selection was made by Zhang Zhiming of the Beijing Botanic Garden, People's Republic of China, and introduced into the United States through the North America-China Plant Exploration Consortium (NACPEC) and The Morton Arboretum. Excellent as a specimen plant or in groups in the lawn or along drives and parkways, in the mixed woody plant border, as a foundation shrub, or in any other suitable habitat where its attributes can be appreciated year-round. Hardy to U.S.D.A. Zones 4-7. A Chicagoland Grows® Inc., plant introduction.



**VERNONIA 'SOUTHERN CROSS', IRONWEED**

An Intrinsic Introduction. A favorite selection this hybrid came from seed sown as *V. lettermanii*. The other parent is unknown but it had broad foliage and this one has intermediate foliage measuring up to ½ in. wide. The deep green foliage looks good all season long. The plant grows 3 ft tall and wide, blooming in August. Purple flowers can have thin white filaments along with lacy purple petals that emerge from deep purple buds that look like little jewels.



