

Trees and Shrubs for Diversity and Climate Change
By Laura G. Jull, Ph.D., Woody Ornamentals Extension Specialist
Dept. of Horticulture, University of Wisconsin-Madison and Extension

Trees

***Acer miyabei*: Miyabe maple**; hardy to zone 4a; 50-55' tall, 35-40' wide; dense, upright-oval form with ascending branches; dark green leaves; late, pale yellow fall color; grayish, scaly bark in long strips; adaptable to most, well-drained soils and pH; drought, urban and heat tolerant; moderate salt tolerance; can be bareroot transplanted; native to Japan

'Morton' (STATE STREET®): 50' tall, 35-40' wide; dense, upright, oval form with ascending branches; grafted higher up trunk than species

'JFS-KW3AM1' (RUGGED RIDGE®): 55' tall, 35-40' wide; dense, upright, oval form; more vigorous; deeply furrowed, corky bark

Acer hybrids: hybrid maple cross of Shantung (*Acer truncatum*) and Norway (*Acer platanoides*) maples; cultivars hardy to zone 4b-5a; height, width and form varies with cultivar; dark green, glossy leaves; late, fall color varies with cultivar and may not develop early enough; adaptable to most, well-drained soils and pH; drought, air pollution, urban and heat tolerant; moderate salt tolerance; easy to transplant; hybrid origin; good alternative to larger trees for smaller spaces

'Keithsform' (NORWEGIAN SUNSET®): hardy to zone 4b; 35-40' tall, 25' wide; oval form; late, yellow-orange to red fall color; good branching and uniform tree canopy

'Warrenred' (PACIFIC SUNSET®): hardy to zone 5a; 30-35' tall, 25' wide; upright, spreading, rounded form; late, bright yellow-orange to red fall color

'JFS-KW202' (CRIMSON SUNSET®): hardy to zone 4b; 30-35' tall, 25' wide; upright, oval form; deep purple leaves during the growing season resembling 'Crimson King' Norway maple, but is a smaller tree; late, maroon to bronze fall color

'JFS-KW249' (RUBY SUNSET®): hardy to zone 4b; 25-30' tall, 20' wide; broadly oval to rounded form; late, deep red fall color

'JFS-KW187' (URBAN SUNSET®): hardy to zone 4b; 35' tall, 20' wide; narrow, pyramidal to upright-oval form; late, deep red fall color; uniform tree canopy

***Celtis occidentalis*: common hackberry**; hardy to zone 3b; 50-70' tall, 40-60' wide; vase-shaped when young becoming rounded with age with arching branches; yellow to yellowish-green fall color; gray to tan, corky, warty looking bark; small, purplish-black fruit not a litter problem; fruit attracts birds; needs training when young to develop good branch structure; adaptable to dry, clay, rocky and sandy soils and high pH; air pollution, heat, urban, drought and wet soil tolerant; intolerant to road salt; sensitive to juglone; do not bareroot transplant; native to WI

'JFS-KSU1' (PRAIRIE SENTINEL®): hardy to zone 4; 45' tall, only 12' wide; columnar to fastigiate form

***Cercis canadensis* 'Pink Trim': NORTHERN HERALD® eastern redbud**; selection is from North Dakota State University from trees growing in South Dakota, not native there, but has withstand extremes in temperature with no dieback; released through J. Frank Schmidt Nursery in Oregon; dense, upright to spreading form, 20' tall and wide; dark green, leathery leaves; yellow fall color; very showy, edible, bright magenta-pink flowers in early spring that last for weeks; less fruit set on this cultivar; full sun to partial shade, does best with some afternoon shade; tolerant to most soils and pH, drought and heat tolerant, but intolerant to wet soils or road salt, susceptible to Verticillium wilt, dig from field in spring only, do not bareroot transplant; hardy to zone 3b

Chionanthus virginicus: fringetree, small flowering tree to large shrub, 12' tall here (20' tall in the south), 10' wide, multi-stemmed at base, spreading, open form, thick, leathery, clean leaves, very showy, pure white, lacy, slightly fragrant flowers in late spring, females only produce bluish-black fruit resembling grape clusters, bright yellow fall color, can be susceptible to emerald ash borer as it is in the same family as ash, but not commonly found with EAB; deer resistant; hardy to zone 4

***Corylus colurna*: Turkish hazelnut, Turkish filbert**; hardy to zone 4; 40-50' tall, 25-30' wide; dense, broad, pyramidal form; no fall color; showy, long, pendulous catkins in early spring; scaly to flaky bark becoming ridged; may produce edible nuts; fruit attracts wildlife; difficult to transplant; adaptable to most soils and pH; air pollution, heat, urban and drought tolerant; intolerant to wet, poorly drained soil and road salt; do not bareroot transplant; native to southeastern Europe and western Asia

***Crataegus crus-galli* 'Inermis': thornless cockspur hawthorn**; hardy to zone 4a, native to eastern and central U.S., Canada, and Wisconsin, multi-stemmed tree, broad, spreading, horizontal, low branches, flat-topped crown, 20-30' tall, 20-35' wide, adaptable to most soils and pH, difficult to transplant, plant in spring, drought, salt, and urban tolerant, susceptible to cedar quince rust (on fruit) or cedar hawthorn rust (leaves), this variety has no thorns, white flowers in late spring, deep red fruit in early to mid-fall that drops creating a litter problem, bronzy-orange to reddish fall color, dark green, leathery, spoon-shaped leaves, do not bareroot transplant; deer resistant; native to WI

***Crataegus phaenopyrum*: Washington hawthorn**; hardy to zone 4b, native to eastern U.S. and Canada, multi-stemmed tree, vase-shaped to broadly oval form, horizontal, low branches, 20-30' tall, 20-25' wide, adaptable to most soils and pH, difficult to transplant, plant in spring, tolerant to poor, sandy soils, drought and urban tolerant, moderate salt tolerance, susceptible to cedar quince rust (on fruit) or cedar hawthorn rust (leaves), has long, sharp thorns, white flowers in late spring to early summer, showy, persistent, glossy, bright-orange-red fruit fall to winter, do not bareroot transplant; deer resistant

***Crataegus viridis* 'Winter King': 'Winter King' hawthorn**; hardy to 4b, native to eastern U.S., vase-shaped to rounded, wide-spreading form, horizontal, low branches, adaptable to most soils and pH, difficult to transplant, plant in spring, drought and urban tolerant, moderate salt tolerance, less susceptible to cedar hawthorn rust but can get cedar quince rust on fruit, white flowers in late spring, very showy, bright orange-red, persistent fruit from mid fall to winter, silvery-gray bark that exfoliates on the trunk revealing orange inner bark, has few if any thorns, yellowish-purple fall color, do not bareroot transplant; deer resistant

***Ginkgo biloba*: ginkgo, maidenhair tree**; hardy to zone 4a; 50-70' tall, 30-60' wide; pyramidal when young becoming wide-spreading with age to upright (depends on cultivar); distinct, bright green, fan-shaped leaves with straight leaf veins; tip of leaf may be notched; showy, bright golden-yellow to yellow fall color; a gymnosperm and female trees produce undesirable, 1-2" long, orangish-tan arils with very foul smelling, fleshy seed coat; plant below male cultivars only to avoid any arils and "fruit" litter; adaptable to most soils and pH; drought, air pollution, heat and urban tolerant; moderate salt tolerance; no pest problems; do not bareroot transplant; native to eastern China; deer resistant

'Autumn Gold': 45-50' tall, 35' wide; broadly pyramidal to oval, symmetrical form; male cultivar

'JFS-UGA2' (GOLDEN COLONNADE®): 45' tall, 25' wide; narrow, oval form; upright, central leader; male cultivar

'Magyar': 50' tall, 25' wide; narrow, pyramidal form; faster growing than PRINCETON SENTRY®; male cultivar

'PNI 2720' (PRINCETON SENTRY®): 40' tall, 15-20' wide; narrow, upright, pyramidal form; male cultivar

'Saratoga': 20-30' tall, 15-20' wide; compact, dense, rounded form; pendulous leaves; slower and smaller than other ginkgos; male cultivar

'The President' (PRESIDENTIAL GOLD®): 50' tall, 40' wide; broadly pyramidal to oval form; straight, central leader; male cultivar

***Gleditsia triacanthos f. inermis*: thornless honeylocust**; hardy to zone 4a; 50-70' tall, 40-50' wide; vase-shaped form becoming flat-topped and spreading with age; fine textured, small leaves; showy, bright golden-yellow fall color; cultivars below have no thorns; plant male cultivars below to avoid messy fruit on female trees; tolerant to most soils and pH; heavy clay, drought, road salt, periodic flooding and urban tolerant; can be bareroot transplanted; native to WI; deer resistant

'Christie' (HALKA™): broad, oval to rounded form, 40' tall, 40' wide, horizontal branches, some pods, fast growing, yellowish fall color

'Draves' (STREET KEEPER®): narrow, strongly upright, tight pyramidal form, 45' tall, 20' wide, yellow fall color, nearly fruitless, hardy to zone 4b

'Harve' (NORTHERN ACCLAIM®): symmetrical, upright, spreading form, 45' tall, 35' wide, yellow fall color, male, no pods, developed in North Dakota, hardy to zone 3b

'Impcole' (IMPERIAL®): rounded form, symmetrical, wide-spreading, with good branching, 35' tall, 35' wide, seedless but can produce a few pods, susceptible to leaf hoppers and plant bug

'PNI 2835' (SHADEMASTER®): vase-shaped to rounded, irregular form, 45' tall, 35' wide, uniform, ascending branches, occasionally, some trees may produce pods

'Skycole' (SKYLINE®): broadly pyramidal form, ascending branches with wider crotch angles, 45' tall, 35' wide, develops a strong, central leader better than any other cultivar, male, no pods, bright golden yellow fall color

***Gymnocladus dioicus*: Kentucky coffeetree**; hardy to zone 4a; 50-70' tall, 40-50' wide; upright-oval to vase-shaped form becoming irregular and open with age; long, lacy, blue-green leaves; yellow fall color; 4-7" long, thick, dark brown, persistent pod resembling a burnt taco or sausage produced on female trees only; plant male cultivars to avoid fruit; ashy-gray, scaly to furrowed bark resembling stiff icing on a cake; coarse texture in winter with sparse branching; adaptable to most soils and pH; tolerant to heavy clay, compacted soil, drought, heat, urban conditions, periodic flooding and road salt; no pest problems; can be bareroot transplanted; native to WI; deer resistant

'Espresso': 50' tall, 35' wide; oval to vase-shaped form with upright branches; male cultivar

'J.C. McDaniel' (PRAIRIE TITAN®): 60-70' tall, 40' wide; upright, spreading form; male cultivar

'McK Branched' (DECAF®): 50' tall, 40' wide; upright, oval form; finer textured branches, twigs and leaflets compared to species; caramel colored new leaves turn green; male cultivar

'True North': 50-80' tall, 35-40' wide; upright, vase-shaped form; male cultivar

***Maackia amurensis* 'JFS-Schichtel1': MAACNIFICENT® Amur maackia**; hardy to zone 4a, native to Manchuria, vase-shaped to rounded form, upright, arching branches, 20-30' tall, 20-30' wide, slow grower, silvery and fuzzy leaves in spring turn olive-green and smooth, coppery-green to bronzish-brown, slightly exfoliating bark, off-white flowers in summer, small pods in fall, tolerant to most soils and pH, roots fix atmospheric N, tolerant to poor, infertile soils, urban and salt tolerant, prone to included bark formation, needs pruning when young, no pests, not invasive, can bareroot transplant

***Nyssa sylvatica*: black gum, sour gum, black tupelo**; pyramidal form when young becoming rounded with age; distinct, horizontal branches; 50' tall+, 30-40' tall; leathery, dark green, glossy leaves; extremely showy, bright scarlet, orange-red to purple fall color; female trees can produce edible, but tart, bluish-black fruit when planted with a male tree; hardiness depends on seed source, select only cold hardy provenances from zone 4; adaptable to most soils, clay, drought and wet soil tolerant; prefers acidic to neutral pH; native to WI; deer resistant

***Phellodendron amurense* 'Longenecker': EYESTOPPER™ Amur corktree**; hardy to zone 4; 40' tall, 35' wide; upright to broadly vase-shaped when young becoming spreading to rounded form; thicker, dark green leaves; this cultivar has showy, early, bright yellow fall color; male cultivar so no invasive fruit/seeds; showy bark on this cultivar is more deeply furrowed and very cork-like when older; adaptable to most soils and pH; urban tolerant; moderate salt tolerance; no pests; can bareroot transplant; native to northern China and Japan

***Platanus* × *acerifolia* 'Morton Circle': EXCLAMATION!® London planetree**; hardy to zone 5a; 55-60' tall, 35' wide; very uniform, upright-pyramidal with straight, central leader; fast grower; large, dark green leaves cast dense shade; no fall color; pendulous, 1", rounded ball-like fruit not a litter problem; very showy, exfoliating bark in large, tan to creamy-green plates revealing olive colored inner bark; adaptable to most soils and pH; tolerant to heavy clay, compacted, dry, poorly drained soil; drought, urban, heat and wet soil tolerant; intolerant to road salt and some sensitivity to air pollution; resistant to anthracnose, powdery mildew and frost crack compared to other cultivars of London planetree; can bareroot transplant; hybrid origin of American sycamore (*Platanus occidentalis*) and Oriental sycamore (*Platanus orientalis*); deer resistant

***Quercus bicolor*: swamp white oak**; hardy to zone 4a; 50-60' tall and wide; pyramidal when young becoming rounded with broad spreading branches; large green leaves with whitish undersides; no to yellow-brown fall color; light brown acorn produced on 1-2" long stalks attracts wildlife; exfoliating, gray-brown bark on younger trees and stems; older bark has deep fissures; adaptable to most soils and pH; tolerant to heavy clay, poorly drained to wet soil; drought and urban tolerant; requires a slightly acidic to slightly alkaline pH soil; intolerant to higher pH; moderate salt tolerance; prune all oaks only during dormant season; can bareroot transplant; native to WI

'Bonnie and Mike' (BEACON®): 40' tall, only 15' wide; narrowly columnar form; upright branching; yellow fall color

'JFS-KW12' (AMERICAN DREAM®): 50' tall, 40' wide; broadly pyramidal form; vigorous grower; bright green, glossy leaves; good resistance to anthracnose and powdery mildew

***Quercus* × *bimundorum*: hybrid of English and white oaks**; cultivars hardy to zone 4; hybrid oak cross of English oak (*Quercus robur* or *Q. robur* 'Fastigiata') and native white oak (*Quercus alba*); height, width and form varies with cultivar; dark green leaves; fall color varies with cultivar; brown acorn attracts wildlife; adaptable to well-drained soils and pH; drought, air pollution, urban and heat tolerant; moderate salt tolerance; easy to transplant; below cultivars are powdery mildew resistant; hybrid origin; columnar forms good alternative to larger trees for smaller spaces

'Crimschmidt' (CRIMSON SPIRE™): 45' tall, 15' wide, columnar to tightly fastigate form, dark green to blue-green leaves, rusty-red fall color, holds onto older leaves in winter, powdery mildew resistant

'JFS-KW1QX' (STREETSPIRE®): 45' tall, 14' wide; narrow, columnar form, dark green leaves, rusty-red fall color, stiff, short, upright branches, does not hold on to old leaves in winter, wider branch crotch angles; powdery mildew resistant

'JFS-KW2QX' (SKINNY GENES®): 45' tall, 10' wide, columnar to tightly fastigate form, glossy, very dark green leaves, yellow to brown fall color, powdery mildew resistant

'Midwest' (PRAIRIE STATURE™): 50' tall, 40' wide, broad, pyramidal form, dark green leaves, yellow-orange to reddish fall color; powdery mildew resistant

'Tabor' (FOREST KNIGHT®): 50' tall, 40' wide, symmetrical, broadly oval form, strong branching, glossy, dark green leaves, orange-red fall color, powdery mildew resistant

***Quercus macrocarpa*: bur oak**; hardy to zone 3b; 60-70' tall, 60-80' wide; pyramidal when young, becoming broadly oval to irregular and open with age; large, dark green leaves; no to pale yellow to brown fall color; brown acorn with fringed cap edges attracts wildlife; deeply furrowed, dark gray to dark brown bark; adaptable to most soils and pH; tolerant to dry, heavy clay soil, drought, wet, road salt, heat and urban conditions; difficult to transplant; do not bareroot transplant; native to WI

'JFS-KW14' (COBBLESTONE®): 55' tall, 45' wide; broadly oval form; dark green leaves; very corky bark when young; powdery mildew and anthracnose resistant

'JFS-KW3' (URBAN PINNACLE®): 55' tall, only 25' wide; narrow pyramidal to oval form; strong, central leader; dark green, glossy leaves; powdery mildew and anthracnose resistant; very small acorns

***Quercus* × *macdenielli* 'Clemon's': HERITAGE® oak**; hardy to zone 4; hybrid oak cross of English oak (*Quercus robur*) and native bur oak (*Q. macrocarpa*); 50-60' tall, 40-50' wide; broadly pyramidal becoming oval form; glossy, dark green leaves; no to yellowish fall color; brown acorn attracts wildlife; adaptable to most soils and pH; heavy clay, drought, heat and urban tolerant; moderate salt tolerance; powdery mildew resistant, do not bareroot transplant; hybrid origin

***Quercus montana* (formerly *Q. prinus*): chestnut oak, rock oak**; hardy to zone 4b; 50-60' tall, 40' wide; pyramidal when young becoming rounded with age; leaf similar to chinkapin oak, but slightly larger and wider; orange-yellow to reddish-brown fall color; large acorn attracts wildlife; deeply furrowed bark; adaptable to most, well-drained soils and pH, including dry, rocky soil; drought, heat and urban tolerant; moderate salt tolerance; do not bareroot transplant; native to eastern U.S.

***Quercus muehlenbergii*: chinkapin oak**; hardy to zone 4b; 50-60' tall and wide; narrow when young, becoming rounded and wide-spreading with age; narrower, coarsely toothed, finer textured leaves (but in white oak group); yellow to yellow-brown fall color; small, chestnut-brown to blackish acorn attracts wildlife; light ashy-gray, flaky bark; adaptable to most, well-drained soils and pH; dry, clay soil tolerant; drought, urban and heat tolerant; moderate salt tolerance; do not bareroot transplant; native to WI

***Quercus* × *schuettei*: Schuette's oak**; hardy to zone 3b; hybrid cross of native swamp white oak (*Q. bicolor*) and native bur oak (*Q. macrocarpa*), 60-70' tall and wide; broad, rounded form; faster growing; glossy, dark green leaves; yellow to brown fall color; brown acorn attracts wildlife; adaptable to most soils and better

tolerance to higher pH; easier to transplant; clay, drought, urban and heat tolerant; moderate salt tolerance; do not bareroot transplant; natural hybrid, native to WI

'Rick' (EPIC™): 50-60' tall and wide; broad, pyramidal form with ascending branches; dark green leaves; yellowish-brown fall color; resembles a swamp white oak due to exfoliating bark on younger branches; tolerant to higher pH soils and compaction; selection from Johnson's Nursery

Quercus × warei: Ware's oak; hardy to zone 4b; hybrid oak of columnar English oak (*Quercus robur* 'Fastigiata') and swamp white oak (*Quercus bicolor*); size and form vary with cultivars below; dark green leaves; yellow to brown fall color; brown acorn attracts wildlife; adaptable to most well-drained soils and pH; easier to transplant; clay, drought, urban and heat tolerant; moderate salt tolerance; do not bareroot transplant; hybrid origin

'Long' (REGAL PRINCE®): 40-45' tall, 15-18' wide; columnar to narrow-oval form; glossy, bright green leaves with silvery undersides; no fall color; powdery mildew resistant

'Nadler' (KINDRED SPIRIT®): 30-35' tall, only 6' wide; tight, columnar form; medium green leaves with silvery undersides; no fall color; powdery mildew resistant; good for tight spaces

Syringa reticulata: Japanese tree lilac;

Japanese tree lilac, hardy to zone 3a, native to Japan and Manchuria, upright with a rounded to oval form, 20-25' tall, 15-20' wide, no fall color to yellowish, reddish-brown, shiny bark, creamy-white, large flowers in early summer that do not smell like lilacs but rather like a privet, tends to flower heavily every other year, adaptable to most soils and pH, easy to transplant, salt and urban tolerant, susceptible to bacterial blight and Verticillium wilt, resistant to mildew, can bareroot transplant; deer resistant

'Bailnce': SNOWDANCE™, spreading, vase-shaped, 18' tall, 20' wide, blooms annually, darker green leaves, lots of creamy-white flowers, fewer seed clusters; multi-stemmed tree form

'Elliott': SNOWCAP™, upright, more compact form, 15-20' tall 10-12' wide, uniform branching, thick, dark green leaves, good form

'Golden Eclipse': upright, compact form, 18-24' tall, 8-14' wide, new leaves in spring emerge green with a darker center, the edge of the leaf gradually turns bright gold with the dark green center remaining

'Ivory Silk': way over used, upright, spreading becoming oval to rounded, 20' tall, 15' wide, susceptible to bacterial blight

'Summer Snow': broad, rounded, compact form, 20' tall, 15' wide, good form, glossy, dark green leaves

'Williamette': IVORY PILLAR™, upright, pyramidal, narrower form, 20-25' tall, 10-15' wide

Taxodium distichum: baldcypress; hardy to zone 4b-5b (depends on seed source and most cultivars are not hardy here; 50-70' tall, 25-35' wide; pyramidal form with straight terminal leader and wide branch crotch angles; mint green, finely textured, soft, feathery-looking leaves; rusty-brown to orange-brown fall color; showy, reddish-brown to grayish, fibrous, shreddy bark; does not form cypress "knees" in urban soils unless very wet; adaptable to most soils; prefers slightly acidic soil, can get chlorotic in high pH soils; easy to transplant; drought, heat, urban, road salt and wet, clay soil tolerant; do not bareroot transplant; native to southeastern and southcentral U.S.; deer resistant

'Mickelson' (SHAWNEE BRAVE™): hardy to zone 5; 55' tall, 20' wide; narrowly pyramidal form, narrower and more upright than the species

Ulmus americana: American elm; Dutch elm disease tolerant elms; hardy to zone 3a-4 (depends on cultivar); 70-80' tall, 60-70' wide; vase-shaped form with pendulous branches; dark to medium green leaves; yellow fall color; adaptable to most soils and pH; heavy clay, compacted, poorly drained soil tolerant; drought, wet, urban, air pollution and road salt tolerant; easy to transplant; can bareroot transplant in spring only; pest prone, but below cultivars are better; native to WI

'Jefferson': U.S. National Arboretum introduction, hardy to zone 4a; 70' tall, 50' wide; upright, vase-shaped form with arching limbs; dark green leaves; DED tolerant

'JFS-Prince II' (COLONIAL SPIRIT®): hardy to zone 4a; 65' tall, 50' wide; symmetrical, vase-shaped form with arching limbs; dark green leaves; DED tolerant

'Lewis and Clark' (PRAIRIE EXPEDITION®): from Fargo, ND; hardy to zone 3a; 55' tall, 60' wide; broad, rounded to spreading vase-shaped form, faster grower; DED tolerant

'New Harmony': U.S. National Arboretum introduction, hardy to zone 4a; 70' tall, 65' wide; vase-shaped form with arching branches; medium green leaves; vigorous grower; DED tolerant

'Princeton': hardy to zone 4a; 65' tall, 50' wide; upright, vase-shaped form; dark green, leathery leaves; more resistant to elm leaf beetle; DED tolerant

'St. Croix': from MN; hardy to zone 3b; 60-75' tall, 70-90' wide; broad, vase-shaped form with an open, spreading canopy; dark green leaves; DED tolerant

'Valley Forge': U.S. National Arboretum introduction, hardy to zone 4a; 70' tall and wide; broad, vase-shaped form with arching branches; medium green leaves; somewhat of a wild looking form and branching; needs training to develop good form; vigorous grower; DED tolerant

***Ulmus davidiana* 'JFS-KW2UD': GREENSTONE™ David elm**; hardy to zone 4a; 60' tall, 40' wide; upright, vase-shaped form; strong branching with wide branch crotch angles; medium green leaves; yellow fall color; adaptable to most soils and pH; drought, urban, air pollution tolerance; moderate salt tolerance; easy to transplant; can bareroot transplant in spring only; DED and phloem necrosis tolerant; resistant to elm leaf beetle and elm leaf miner; native to China, Korea and Siberia

var. *japonica* 'Prospector' (formerly known as *Ulmus wilsoniana*); U.S. National Arboretum introduction; hardy to zone 4b-5a; 40' tall, 30' wide; dense, broad, vase-shaped form with slightly pendulous branches; glossy, dark green leaves; yellow fall color; faster growing; adaptable to most, well-drained soils and pH; drought, urban, heat tolerant; DED and phloem necrosis tolerant; resistant to elm leaf beetle; native to China, Korea, Siberia and Japan

var. *japonica* 'Discovery': from Manitoba, Canada; similar to above; hardy to zone 4; 35-40' tall and wide; upright, compact, vase-shaped form; glossy, dark green leaves; yellow fall color; same culture as above; DED and phloem necrosis tolerant; resistant to elm leaf beetles

***Ulmus* hybrids: hybrid elms** of several Asian and European elms, not American elm; hardiness depends on hybrid cultivar; size and form varies with cultivar; fall color varies; adaptable to most, well-drained soils and pH; heavy clay, drought, urban, heat and air pollution tolerant; moderate salt tolerance; below hybrid cultivars are DED and phloem necrosis tolerant; resistant to moderately resistant to elm leaf beetles; can bareroot transplant except for 'Frontier'; hybrid origin

'Frontier': U.S. National Arboretum introduction; only hardy to zone 5; 35-40' tall, 25-30' wide, vase-shaped to broadly oval form; slower grower; glossy, dark green leaves; showy, late, burgundy fall color; exfoliating bark when older; hybrid of *Ulmus carpinifolia* (now *U. minor*) and *U. parvifolia*; do not bareroot transplant

'Morton' (ACCOLADE®): Morton Arboretum introduction; hardy to zone 4a; 60-70' tall, 60' wide; vase-shaped form with arching branches; fast grower; glossy, dark green leaves; yellow fall color; hybrid of *Ulmus japonica* (now *U. davidiana* var. *japonica*) and *U. wilsoniana* (now *U. davidiana* var. *japonica*); can bareroot transplant

'Morton Glossy' (TRIUMPH™): Morton Arboretum introduction; hardy to zone 4a; 55' tall, 45' wide; upright oval to vase-shaped form; symmetrical habit; fast growing; very glossy, dark green leaves; yellowish fall color; very drought tolerant; hybrid of 'Morton Plainsman' (VANGUARD™) and 'Morton' (ACCOLADE®) elms

'New Horizon': UW-Madison introduction; hardy to zone 4a; 50-60' tall, 40' wide; upright to oval with wide branch crotch angles; faster growing; dark green leaves; yellowish fall color; hybrid of *Ulmus japonica* (now *U. davidiana* var. *japonica*) and *U. pumila*

'Patriot': U.S. National Arboretum introduction; hardy to zone 4b; 50' tall, 40' wide; stiffly upright branching; narrow, vase-shaped form; faster growing; dark green leaves; yellowish fall color; hybrid of *U. wilsoniana* (now *U. davidiana* var. *japonica*), *U. pumila*, *U. carpinifolia* (now *U. minor*) and *U. glabra*

Shrubs

***Aronia melanocarpa*: black chokeberry**; native to WI; upright to rounded form; suckering; can form large colonies; 5-8' tall, 6-10' wide; glossy, dark green leaves; orange to wine-red fall color; showy, white, flat-topped flower clusters in mid spring; glossy, black, edible, but bitter fruit in pendulous clusters in late summer to winter; fruit high in Vitamin C; adaptable to most soils and pH; tolerant to wet soil, drought, and road salt; full sun to partial shade; can get leaf spot and Japanese beetles; hardy to zone 3b

- 'UCONNAM165': LOW SCAPE® MOUND®, true dwarf, 1-2' tall, 2' wide, mounded form, dark, glossy, green leaves, white flowers in mid spring, purplish-black fruit in summer to fall, red to orange fall color
- 'UCONNAM166': LOW SCAPE® HEDGER®, narrow form good for hedge plants, but do not shear, 3-5' tall, 2-3' wide, glossy, dark green leaves, white flowers in mid spring, bright yellow, orange and red fall color, no fruit as it is a triploid
- 'UCONNAM012': LOW SCAPE® GROUND HOG™, new this year, only 8-14" tall and 3' wide, deciduous groundcover, forms a thick, dense mat of foliage, glossy, dark green leaves, white flowers in mid spring, purplish-black fruit in summer to fall, orangish-red fall color

***Berberis thunbergii* 'NCBT1': SUNJOY® MINI MAROON® Japanese barberry**, 2-3' tall and wide, one of only two sterile barberry cultivars, wheat rust resistant, dwarf, low, mounded form, dark burgundy-purple leaves with green margins, less than 1.2% seed viability, non-invasive cultivar, hardy to zone 4a; deer resistant

***Callicarpa* 'NCCX2': PEARL GLAM® purple beautyberry**; hybrid from N.C. State University; upright branching; vigorous; 4-5' tall and wide; deep purple to purple leaves during growing season; small, pink flowers; very showy, late season, purple-violet, long-lasting fruit thru fall; fruit borne all the way down the stem; may have some dieback in winter, but will still produce shoots in spring and still flower and fruit that year; requires full sun for flowers/fruit set; adaptable to most soil and pH; drought tolerant; no pest problems; hardy to zone 5b

***Chaenomeles speciosa* DOUBLE TAKE™** series of thornless, fruitless, hardy flowering quince, all get 4-5' tall and wide, full sun only; requires a rich, loamy soil with some organic matter and slightly acidic to neutral pH; intolerant to heavy clay and poor drainage; drought and heat tolerant; much better form and branching; does not need excessive pruning like the species; does get Japanese beetles, all hardy to zone 5a

'Orange Storm': DOUBLE TAKE™ Orange: large, bright orange, camellia-like flowers in early spring, can repeat bloom

'Pink Storm': DOUBLE TAKE™ Pink: deep pink, large, camellia-like flowers in early spring

'Scarlet Storm': DOUBLE TAKE™ Scarlet: large, dark red, velvety flowers in early spring, can repeat bloom

'NCCS4': DOUBLE TAKE™ Peach: large, coral, camellia-like flowers in early spring

***Cotinus coggygria* 'NCC01': WINECRAFT BLACK® smokebush**; semi-dwarf habit growing only 5-6' tall and 4-5' wide, half the size of the species; upright branches; purplish-black leaves that darken during summer; tiny, yellow flowers are not showy, but turn smoky pink to purple due to hairs on flower stalks that resemble puffs of smoke; flower puffs last most of summer; adaptable to most soils and pH; needs full sun for purple-leaved cultivars; drought tolerant and deer resistant; susceptible to Verticillium wilt; hardy to zone 4a-5; deer resistant

***Deutzia gracilis* 'Mincream': CRÈME FRAICHE® slender deutzia**, like 'Nikko' but has variegated green leaves with white margins, can revert to all green leaves occasionally, 1 ½-3' tall, 3' wide, low, mounding form, white flowers in mid spring, burgundy fall color, full sun only; all deutzias are adaptable to most soils and pH; drought tolerant; no pest problems; can have deadwood in shrub that needs removal in spring; hardy to zone 5

***Deutzia* 'NCDX2': YUKI CHERRY BLOSSOM™ deutzia**, 1-2' tall, 2' wide, mounded form, pink flowers in mid spring, burgundy to purple fall color, hardy to zone 5

'NCDX1': YUKI SNOWFLAKE®, 1-2' tall and 2' wide, mounded form, extra heavy production of white flowers in mid spring, burgundy fall color, hardy to zone 5

***Diervilla lonicera*: dwarf bush-honeysuckle, northern bush-honeysuckle**, wide-spreading, low, mounded, layered, suckering shrub; 3-4' tall and wide; glossy, bronze new leaves turn green; small, yellow flowers at tips of branches in summer; full sun to full shade tolerant; adaptable to most soils and pH, drought and heat tolerant; no pests; hardy to zone 3a; native to WI

***Eleutherococcus sieboldianus* 'Variegatus': variegated fiveleaf aralia**, upright, rounded shrub with long, arching branches; smaller than the species and not invasive; 4-6' tall and wide; slower growing; showy,

variegated leaves of creamy-yellow and green, stays variegated even in shade; this cultivar rarely flowers or produces fruit; full sun to shade; adaptable to most soils and pH, needs good drainage, tolerant to sandy, poor, dry soil, drought, heat and air pollution tolerant; no pest problems; can produce all green shoots that need removal or will take over the shrub; deer resistant plant

***Forsythia* 'Happy Centennial': 'Happy Centennial' forsythia**, compact, mounded shrub, 2-2 ½' tall, 2-3' wide, reliably zone 4 flower bud hardy, yellow, early spring flowers, adaptable to most soils and pH, full sun only; adaptable to most soils and pH, intolerant to wet soil, heat and drought tolerant, deer and pest resistant

***Genista lydia* 'Select': BANGLE® woadwaxen or dyers greenwood**; mounded to low, arching form; 2' tall and wide; tiny, bright green, fine-textured leaves; bright green stems; very showy, bright yellow, early summer flowers borne along the stem, this cultivar produces more flowers on stem than others; adaptable to most soils and pH, as long as well-drained; tolerant to infertile, dry, sandy soils; drought and heat tolerant; intolerant to wet soil; shear in early spring to maintain form; hardy to zone 4a; deer resistant

***Hypericum kalmianum* 'SMHKBF': BLUES FESTIVAL® Kalm's St. Johnswort**, 2-4' tall, 2-3' wide; dense, compact, mounded form that can open with age revealing reddish-brown, exfoliating bark on older wood; small, linear, blue-green leaves; showy, bright yellow, pincushion-like flowers in summer that are long-lasting; favored by native bees; full sun only, adaptable to most soils and pH, as long as well-drained; tolerant to rocky and sandy soil; very drought, heat and salt tolerant; intolerant to wet soil and can root rot; no other pest problems; hardy to zone 4a; species is native to WI; deer and rabbit resistant

***Physocarpus opulifolius*: eastern ninebark**; native to WI; grows 3-10' tall and wide, depending on cultivar; creamy-white to pinkish-white flowers in late spring; red, dry fruit in clusters in summer fade to brown; reddish-brown, shiny, exfoliating bark in papery strips; adaptable to most soils and pH; needs full sun and good air circulation for purple-leaved cultivars to retain color and to reduce conditions favorable for powdery mildew; very drought and heat tolerant once established; hardy to zone 3a; species is native to WI

'SMNPMS': SUMMER WINE® BLACK: like SUMMER WINE®, but foliage is dark purplish-black, supposed to be powdery mildew resistant?

'UMNHarpell': FIRESIDE®, new from Bailey Nursery, similar to SUMMER WINE®, 5-7' tall, 4-6' wide, upright, rounded form, reddish new leaves mature to deep, dark reddish-purple, holds color well in heat of summer, so far, supposed to be powdery mildew resistant?, pinkish-white flowers in spring

'SMNPOBLR': GINGER WINE®, orange-red and bright burgundy leaves in summer, compact form, 5-6' tall and wide, upright growth, supposed to be powdery mildew resistant?

'SMPOTW': TINY WINE®: like LITTLE DEVIL™, but is more powdery mildew resistant, 3-4' tall and wide, smaller, dark bronze-maroon leaves, pinkish-white flowers

***Potentilla* (now *Dasiphora*) *fruticosa*: potentilla**; bushy, rounded shrub; 2-4' tall and wide, size depends on cultivar; lots of cultivars available; small, pinnately compound, gray-green to blue-green leaves; showy, small, bright yellow or white (can be orange or pink) flowers throughout summer and fall; full sun only, adaptable to most soils and pH; drought, salt, heat and urban tolerant; needs renewal pruning to keep full and rounded; hardy to zone 3a; native to WI; deer resistant

***Rhus aromatica* 'Fine Textured Compact Select A': LACETTE™ fragrant sumac**, compact grower, more refined in leaf than 'Gro-low' sumac; dense form; 3-4 ½' tall, 6-7' wide; lacy, fine-textured, deeper cutleaf, dark green, glossy leaves are smaller than 'Gro-low'; red fall color, this cultivar is female so produces bright red, small, pubescent fruit in clusters that attracts birds; cuttings easier to root than 'Gro-low'; this cultivar is too large to be a groundcover, but makes shrub; full sun only; adaptable to most soils, pH, drought, heat and road salt, but is and sumac so susceptible to Verticillium wilt; resistant to eriophyid mites than can attack 'Gro-low' sumac; Mike Yanny introduction; hardy to zone 3b; species native to WI

***Rhus copallinum* 'Morton': PRAIRIE FLAME® shining or winged sumac**, this cultivar is only 5-7' tall, 8'+ wide; compact, dense form, suckering shrub; very glossy, dark green leaves with central, winged stalk (rachis); excellent, early, flaming red to scarlet fall color; male cultivar, so no fruit; full sun only; adaptable to most soils, pH, drought, heat and road salt, but is and sumac so susceptible to Verticillium wilt; hardy to zone 4; species is native to WI

***Rhus typhina* 'Bailtiger': TIGER EYES® staghorn sumac;** 6' tall and 8'+ wide, suckering shrub will fill a large area; slower growing than the species; bright yellow, deeply cut, finely textured, bipinnately compound leaves with purplish-pink stems; bright orange-red fall color; full sun only; adaptable to most soils, pH, drought, heat and road salt, but is and sumac so susceptible to Verticillium wilt; does well in containers; hardy to zone 3; species is native to WI

***Salix elaeagnos*: rosemary willow, hoary willow,** dense, large shrub, 10-15' tall and 8-10' wide; size can be easily controlled with rejuvenation pruning each early spring before growth starts; showy, linear, rosemary-like, wispy, fine-textured grayish-green leaves turn darker green, but remain grayish-white underneath, color is more pronounced on a windy day; tolerates wet soil and poor soils, moderate drought tolerance; hardy to zone 4

***Spiraea betulifolia* 'Tor': 'Tor' birchleaf spirea,** 2-3' tall, 3' wide, compact, mounded shrub with ascending branches, showy, white, late spring flowers in flat-topped, 1-2" wide clusters on new growth, very showy, late, orange to reddish-purple fall color, hardy to zone 4a

***Spiraea betulifolia* 'COURISPI01': PINK SPARKLER™ birchleaf spirea,** like 'Tor' spirea, but has pink flowers, 3-4' tall and wide, mounded, rounded form, lime-green to yellow-green leaves, large, pink flowers in late spring to early summer, can rebloom in fall with new, white, smaller flowers borne in the leaf axils, burgundy-red fall color, hardy to zone 4a

***Spiraea fritschiana* 'J.N. Select A': Pink-a-licious™ Korean spirea,** 2-3' tall and wide, mounded form, dark green leaves, purplish-pink flower buds open to white and purplish-pink flowers in large, terminal clusters in June only, yellow-apricot to pinkish-red fall color all at the same time, sterile, no viable seeds; Mike Yanny introduction; hardy to zone 4a

***Spiraea media* 'Darsnorm': DART'S SNOWSTORM™ Russian spirea,** 2-3' tall, lots of white flowers in mid spring, blue-green leaves, orange-red fall color, hardy to zone 4a

***Spiraea media* 'SMSMBK': DOUBLE PLAY® BLUE KAZOO® Russian spirea,** 2-3' tall and wide, mounded form, blue leaves with burgundy hints in new leaves, large, white flowers in late spring, reddish fall color, hardy to zone 4a

***Spiraea nipponica* 'SMNSNFD': WEDDING CAKE® spirea,** better form and improved flowering over 'Snowmound' spirea, more compact, rounded, fluffy, ball-shaped, 3-3 ½' tall and 4' wide, pure white flowers in late spring, blue-green leaves, hardy to zone 4a

***Spiraea thunbergii* 'Ogon': MELLOW YELLOW® Thunberg spirea,** 3-4' tall, bright yellow, willow-like leaves, white flowers in early to mid-spring, bronze fall color, hardy to zone 4b

***Spiraea vanhouttei* 'Renaissance': 'Renaissance' Vanhoutte spirea,** 5-8' tall, 6-10' wide, vase-shaped form, powdery mildew and rust resistant leaves, white flowers in late spring, dark, blue-green leaves, may have some orangish fall color, hardy to zone 4a

***Syringa* × *hyacinthiflora*: early flowering lilac,** hardy to zone 3a, some cultivars are more resistant to powdery mildew, can get lilac borer, 8-12' tall, 10-12' wide, size depends on cultivar, upright, wide-spreading, suckering, get leggy with age, only a few cultivars have fall color, larger, thicker leaves than common lilac, bloom first week of May before common lilac, looser panicles are more open, not as tightly packed; all are resistant to Japanese beetles!

'SMNSHBBL': SCENTARA® Double Blue, 6-8' tall and wide, compact, rounded form, thick, dark green leaves, very fragrant, double, blue flowers, tolerant to powdery mildew

'SMNSHSO': SCENTARA® PURA™, semi-dwarf, 4-6' tall and wide, mulberry-violet buds open to clear purple, resistant to powdery mildew and a low-chill lilac good for cold and warm climates

***Syringa meyeri* 'Palibin': 'Palibin' lilac, dwarf Korean lilac,** 5-6' tall, 4-6' wide, dense, compact, non-suckering form, small leaves are powdery mildew resistant, showy, pale purple-lilac, fragrant flowers in mid spring on 4" long flower clusters, slight purplish to maroon hue in fall, hardy to zone 4a

***Syringa* 'Josée': 'Josée' lilac**, 4-5' tall, 5-6' wide, dwarf, rounded form, non-suckering, single, light lavender-pink to deep rose, moderately fragrant flowers, does rebloom sporadically in summer, resistant to powdery mildew, heat tolerant, hardy to zone 4

***Syringa* 'Red Pixie': 'Red Pixie' lilac**, 4-6' tall, 5-6' wide, horizontal branching, non-suckering, single, dark reddish-pink to magenta fragrant flowers that fade to light pink, does rebloom sporadically in summer, resistant to powdery mildew, heat tolerant, hardy to zone 4

***Syringa* 'SMSJBP7: BLOOMERANG® Dark Purple lilac**, larger plant, 4-6' tall and wide, flowers are larger and more rounded, darker purple, fragrant flowers, blooms in May and can rebloom during the summer, hardy to zone 4

'SMNJRPU': BLOOMERANG® Dwarf Purple, 2 ½-3' tall, 3' wide, improved purple color, more, fragrant flowers and improved disease resistance, can rebloom sporadically in summer, hardy to zone 4

'SMNJRPI': BLOOMERANG® Dwarf Pink, 2 ½-3' tall and 3' wide, darker pink, fragrant flowers, improved disease resistance, can rebloom sporadically in summer, hardy to zone 4

***Syringa pubescens* subsp. *julianae* 'George Eastman': 'George Eastman' Juliana lilac**, single, very fragrant, bright reddish-pink to magenta flowers (unique for a lilac) fading to a lighter pink, hardy to zone 4b

***Syringa pubescens* subsp. *patula* 'Miss Kim': 'Miss Kim' Manchurian lilac**, 5-8' tall, 6-8' wide, dense, compact, broadly rounded form, non-suckering, showy, light lilac-violet to lavender, fragrant flowers in mid spring, purplish to maroon fall color, resistant to powdery mildew, hardy to zone 3b

'SMNSDTP': BABY KIM™, dwarf form of 'Miss Kim', 2-3' tall and wide+; dense, compact form; non-suckering; showy, dark purple flower buds open to fragrant, purple to light lavender flowers in mid spring, resistant to powdery mildew

'Pink Flower Select': DREAM CLOUD™, 4-5' tall and wide, extra-large, pink to light lavender, very fragrant, 12" x 9" flower clusters cover the plant in mid spring, purple fall color, resistant to powdery mildew, Mike Yanny introduction

'J.N. Upright Select': VIOLET UPRISING™, 4-6' tall, 4-5' wide, hardy zone 3b, very large, 12" long, fragrant, violet flower clusters, strongly ascending, upright branches, purple fall color, resistant to powdery mildew, can be used as a hedge, but do not shear, does produce fruit, Mike Yanny introduction

***Syringa vulgaris* 'Elsdancer': TINY DANCER™ common lilac**, 4-5' tall, 4' wide, compact form, not leggy, violet-purple flower buds open to intensely fragrant, 4-5" long, violet to purple flowers fading to lavender in mid spring, powdery mildew resistant, heat tolerant; hardy to zone 3a

***Viburnum carlesii*: Koreanspice viburnum** is one of my very favorite shrubs due to the flowers. The flowers are pink in bud, opening to intensely fragrant, white, rounded flowers in May that can be smelled 20' away from the shrub. The shrub grows 5-8' tall, 6-8' wide with a compact, rounded, dense form. The late fall leaf color ranges from reddish-wine to deep burgundy. Koreanspice viburnum is hardy to zone 4 and requires a rich, loamy, fertile soil, but is pH adaptable. It is intolerant to heavy clay, compacted or poorly drained soil. Flowering and fall color are best in full sun.

'J.N. Select A': SPICE ISLAND®, 4-5' tall and 5-6' wide, compact, rounded form, better, more uniform branching, very fragrant, pink in bud opening to white, rounded snowball-like flower clusters, burgundy to wine red fall color; Mike Yanny introduction

'J.N. Select S': SUGAR N' SPICE®, 6-8' tall and wide, rounded form, very fragrant, pink in bud opening to white, rounded snowball-like flower clusters are slightly smaller, but more of them are produced across the shrub, burgundy to wine red fall color; Mike Yanny introduction

***Viburnum dentatum*: arrowwood viburnum**, susceptible to viburnum leaf beetle and Japanese beetles; full sun; adaptable to most soils and pH, one of the easiest viburnums to grow; moderate drought and salt tolerance; zone 4a

'J.N. Select': RED FEATHER[®]: 8-10' tall, 10-12' wide, upright form, suckering, green leaves with red new growth, looks like feathers as they emerge in spring, good reddish-purple fall color, needs another cultivar to set fruit

var. *deamii* 'SMVDLS': ALL THAT GLITTERS[®], 4-6' tall and 5-6' wide, compact form, shiny, very glossy leaves, large, white, flat-topped flower clusters in late spring, abundant, blue fruit when planted with ALL THAT GLOWS[®], needs another cultivar to set fruit, no fall color

var. *deamii* 'SMVDBL': ALL THAT GLOWS[®], 4-6' tall, 5-6' wide, compact form, shiny, very glossy leaves, large, white, flat-topped flower clusters in late spring, abundant, blue fruit when planted with ALL THAT GLITTERS[®], needs another cultivar to set fruit, no fall color

***Viburnum prunifolium* 'MckRouge': FOREST ROUGE**[®] **blackhaw viburnum**, selection from McKay Nursery, 10-12' tall and wide, upright, wide-spreading form, uniform habit, dark green, glossy leaves, white, flat-topped flowers in late spring, bluish-black, edible fruit, needs another cultivar to set fruit, good reddish-purple fall color, resistant to viburnum leaf beetle, viburnum borer and Japanese beetles; hardy to zone 4a; species is native to WI

***Viburnum sieboldii* 'Wavecrest': 'Wavecrest' Siebold viburnum**, 10-12' tall, 12' wide, vigorous, rigid, stout branches, small tree to large shrub, large, glossy, wrinkled (rugose) leaves with deeply impressed veins provide unique texture, creamy-white flowers in late spring, red fruit changes to black, borne on red stalks and persist, resistant to viburnum leaf beetle, this cultivar has larger leaves and flower clusters and excellent, red to burgundy-red fall color, hardier than the species, usually a zone 5b plant, but this cultivar is zone 5a

***Weigela* hybrids: weigela** used to be considered an old-fashioned, one season plant with its late spring flowers, but new selections have been bred for better form and colored leaves. Weigelas are easy to grow and adaptable to most, well-drained soils and pH and is drought tolerant. Full sun is required for purple leaf color and flower development.

'Polka': 3-4' tall, 4-5' wide, rounded, compact form, thick, dark green leaves, clear pink flowers with yellow inner throat, profuse bloomer, hardy to zone 4a

'Red Prince': 5-6' tall and wide, upright form, green leaves, dark red flowers that do not fade, can rebloom sporadically later in summer, no fall color, hardy to zone 4a

'Rumba': 3' tall and wide, compact, rounded form, bronze-purple tinged leaves, dark pinkish-red flowers with yellow throats, long blooming period, hardy to zone 4a

'Tango': 2-2 ½' tall, 3' wide, compact, rounded form, purple leaves, red flowers with yellow throats, zone 4a

'VUKOZLyra': SNIPPET[™] Dark Pink: dwarf, rounded form, 1-2' tall, 2' wide, darker pink flowers than 'Pink Poppet', blooms in late spring and can rebloom sporadically in summer, hardy to zone 4b

'Bokrasopin': SONIC BLOOM[®] PINK, hot pink flower buds open to rich pink flowers in May and reblooms later, 4-5' tall and wide, zone 4b-5a

'Bokraspiwi': SPILLED WINE[®], hot magenta-pink flowers like WINE & ROSES[®], but smaller plant, 2-3' tall and 3' wide

'Verweig-8': MY MONET[®] PURPLE EFFECT[™], only 1 ½-2 ½' tall and wide, cream, green, and pink leaves with a burgundy-purple cast, purple-pink flowers in late spring, large amount produced, more heat tolerant, zone 4

'Kolmagira': RAINBOW SENSATION[™], 3-4' tall and wide, compact, rounded form, variegated leaves with darker green centers and lighter green to yellow margins, soft pink flowers in late spring, hardy to zone 4