

Plant Type	Botanical Name	Common Name	Exposure	Season of Interest	Size	Birds	Attracts Humming birds	Butterfly	Deer	Drought	Native	Description
Berries or Fruit	Asimina triloba 'Mango'	Pawpaw	Sun to Partial Shade	Spring	40' x 20'	YES	NO	YES	NO	NO	YES	<p>Mango pawpaw are large, native, early ripening and possess yellow flesh similar in look to a mango. The texture is very smooth. Space as close as 6' or 14' circles for each tree. Pollination works best when trees are close to one another. For pollination choose a different variety of pawpaw unless you have a grove of wild pawpaw already. Zones 5 -8</p> <p>Pawpaws will form a patch so give them plenty of room to spread out.</p>

Berries or Fruit	Ribes hirtellum 'Pixwell'	Gooseberry	Sun to Partial Shade	Mid Spring	4' x 4'	YES	NO	NO	NO	NO	YES	<p>'Pixwell' was introduced in 1932 and is noted for its good fruit yields and vigorous growth habit. Insignificant flowers appear in April followed by medium-large, tart, pink berries that ripen in July. Berries are typically used in jams, jellies, and pies.</p> <p>Best grown in organically rich, fertile, medium moisture, well-drained soil in full sun to part shade. Gooseberries generally do not perform well in the hot and humid climates south of USDA Zone 6. Old, damaged branches should be pruned out in the late winter-early spring; abundant fruiting occurs on the youngest branches. 'Pixwell' is almost thornless which makes pruning easier. Self-pollinating.</p> <p>Gooseberries are an alternate host for white pine blister rust. Do not plant near white pines.</p>
------------------	---------------------------	------------	----------------------	------------	---------	-----	----	----	----	----	-----	---

Berries or Fruit	Rubus fruticosus 'Triple Crown'	Blackberry	Full Sun	Early Summer	4' x 4'	YES	NO	YES	NO	NO	NO	<p>Triple Crown is a semi-erect, thornless blackberry cultivar. This is a self-fruitful thornless shrub that produces one crop of fruit per year. Clusters of white, 5-petaled, rose-like flowers in spring give way to firm, glossy blackberries of excellent eating quality that mature in summer.</p> <p>Best grown in moist, organically rich, slightly acidic, well-drained soil in full sun to part shade. Plants are perennial but canes are biennial. For established shrubs, tip-prune new vegetative canes in summer. Immediately after fruit harvest, remove all canes that fruited to the ground. Late winter to early spring, remove any damaged canes and thin remaining canes to 4 or 5 strong, well-spaced canes - trim the laterals. Plants generally perform best when staked. To prevent disease, keep plants fed and watered.</p>
------------------	---------------------------------	------------	----------	--------------	---------	-----	----	-----	----	----	----	---

Berries or Fruit	Rubus idaeus 'Heritage'	Raspberry	Sun to Partial Shade	Summer to Fall	5' x 2'	YES	NO	NO	NO	NO	NO	<p>A long-time favorite, Heritage produces large, sweet, luscious red berries in early summer and again in late summer through fall. Eat fresh or use in jams, jellies and sauces.</p> <p>This cultivar is an upright, self-fruitful, thorny shrub which does not require staking or support. Clusters of white, 5-petaled, rose-like flowers precede the fruit.</p> <p>This fast growing variety is best grown in organically rich, slightly acidic, moist, well-drained soil in full sun to part shade.</p>
Berries or Fruit	Vaccinium corymbosum 'Blueray'	Highbush Blueberry	Sun to Partial Shade	Summer to Fall	5'-6'	YES	NO	NO	NO	NO	YES	<p>Can be incorporated into the shrub border or into your vegetable and fruit garden. This midseason selection is very hardy and vigorous. Produces large light-blue highly flavored tart fruit. A neat and compact grower that will reach a height of 5-6'.</p> <p>Good fall color (orange to red) is followed by red stems that stand out in the winter scene.</p> <p>Prefers full sun but will tolerate partial shade. Moist, well drained acidic soils (pH 4.5 to 5.5). For best results, plant two or more varieties to ensure best fruit set.</p>

Berries or Fruit	Vaccinium corymbosum 'Legacy'	Highbush Blueberry	Sun to Partial Shade	Early Summer	6' x 6'	YES	NO	NO	NO	NO	YES	<p>Legacy blueberry is productive enough for the berry patch and ornamental enough for the edible landscape. It grows at a medium rate, and under ideal conditions can be expected to live for approximately 30 years. This variety requires a different selection of the same species growing nearby in order to set fruit. Fall color is exceptional and in the orange range.</p> <p>Grows well in full sun to partial shade in average to evenly moist conditions; does not tolerate standing water. It is very fussy about its soil conditions and must have sandy, acidic soils to ensure success. Subject to chlorosis of the leaves in alkaline soils. It is quite intolerant of urban pollution, and benefits from being planted in a relatively sheltered location.</p> <p>Attracts pollinators, birds and mammals.</p>
------------------	-------------------------------	--------------------	----------------------	--------------	---------	-----	----	----	----	----	-----	--

Evergreen	<i>Kalmia angustifolia</i>	Sheep Laurel	Sun to Partial Shade	Summer	3' x 6'	YES	NO	YES	NO	YES	YES	<p>Looking for a flowering evergreen shrub that would tolerate most soil conditions (bogs to sandy areas) and would also attract pollinators? Look no further than this native laurel that blooms in spring. Also called sheep laurel, this low growing shrub blooms in June and July. Flowers are small in comparison to the other species <i>Kalmia latifolia</i>. Leaves are evergreen and are tinged blue.</p> <p>Warning: poisonous if ingested.</p> <p>Drouth tolerant once established.</p>
Evergreen	<i>Magnolia virginiana</i>	Sweetbay Magnolia	Sun to Partial Shade	Spring	10-20' x 10-12'	YES	NO	NO	NO	NO	YES	<p>The sweetbay magnolia is a lovely native specimen tree with lustrous green foliage with a silvery underside. Fragrant, creamy white, lemon scented flowers, 2-3" in diameter, are borne in early June and produced sporadically through most of the summer. Seedpods are 2" long. The dark red seeds emerge from the pods and persist there, remaining attractive until they're dropped or picked off by animals.</p> <p>Different from most magnolias in that it does well in wet and even swampy soils; also tolerates shade; requires acid soil.</p>

Evergreen	Taxus canadensis	Canada Yew	Partial Shade to Shade	Year Round	5' x 10'	YES	NO	NO	NO	NO	YES	<p>Canada yew is a low growing shrub or ground cover, 3-6 ft. tall and twice as wide, with flat, narrow needles that are dark green above and pale green below. Evergreen foliage takes on a reddish-brown tint in winter. Spreading limbs dips at the tips. Bright-red, berry-like fruit grows at the tips of the branches.</p> <p>Ecologically, Canada yew can be described as an understory shrub of late successional forests. Like other yews, it is a very shade-tolerant species.</p> <p>The fleshy red fruit is eaten by many birds, including ruffed grouse, cedar waxwing, and robin.</p>
Fern	Onoclea sensibilis	Sensitive Fern	Partial Shade to Shade	Spring to Summer	1' - 3'	YES	NO	NO	NO	YES	<p>Sensitive fern has medium to large-sized ferns; large, deeply pinnatifid fronds and spherical spore-bearing bodies borne on a separate stalk.</p> <p>The fronds die quickly with the first autumn frosts, which is why the plant has gained its common name of the sensitive fern. This species is reported to be poisonous to livestock and rarely, if ever, is troubled by browsing deer.</p> <p>It is found in wet woods, along streams, riverbanks, swamps and bogs; uncommon in forested environments.</p> <p>The preference is partial sun to light shade, moist conditions, and soil that is loamy, silty, or sandy.</p>	

Groundcover	Carex vulpinoidea	Fox Sedge	Sun to Partial Shade	Spring	3' x 3'	YES	NO	NO	YES	YES	YES	<p>This is a resilient sedge for wetlands and disturbed sites. Plants prosper in sun or part shade. Moist soil is preferred but plants will tolerate average soils, drought and wet sites.</p> <p>This clump forming perennial is indigenous to both acid and alkaline soils and is adapted to heavy clay. Plants are competitive and in an ideal growing situation may become aggressive.</p> <p>Fox sedge is valuable for wetland restoration and erosion control drainage ditches. Its ability to populate disturbed places makes this sedge a good choice to colonize wetland mitigation sites. Plants are pest resistant and unpalatable to deer and other herbivores.</p> <p>In garden situations, plants should be cut to the ground during late winter. Plant with other wet tolerant plants such as turtlehead and Cardinal flower.</p>
-------------	-------------------	-----------	----------------------	--------	---------	-----	----	----	-----	-----	-----	--

Groundcover	Deschampsia cespitosa	Tufted Hair Grass	Partial Shade	Fall	2-3'	YES	NO	NO	YES	NO	NO	<p>Tufted hair grass is clump-forming, cool season grass which is often grown as an ornamental. This is one of the few ornamental grasses that grows well in moderately shady locations, however it will not flower well if grown in too much shade.</p> <p>Flower panicles turn yellowish-tan after bloom as the seed ripens and may remain attractive through much of the winter or removed to tidy the plant.</p> <p>Grown in average, medium, well-drained soils in part shade. Prefers moist, organically rich soils. Cut old foliage to the ground in late winter before new shoots appear.</p>
Perennial	Actaea (Cimicifuga) pachypoda	White Baneberry	Partial Shade to Shade	Summer to Fall	30" x 30"	YES	NO	YES	YES	NO	YES	<p>White Baneberry is a shade loving native woodland perennial. Clumps of lacy foliage emerge in the spring followed by fragrant clusters of small white flowers that float above the foliage. In autumn they develop panicles of eye-catching white fruit borne on red pedicels.</p> <p>Acteas prefer moist, rich soil; water in dry periods. They are generally not bothered by any pests or diseases.</p> <p>The fruits of this plant are poisonous if ingested.</p>

Perennial	<i>Aquilegia canadensis</i> 'Little Lanterns'	Wild Columbine	Sun to Partial Shade	Late Spring- Early Summer	10"	YES	YES	YES	YES	NO	NO	<p>This is a new, compact growing, selection of our native columbine. Instead of the usual height of 2' tall, 'Little Lanterns' grows to only 10" tall. A long blooming species, it produces many brilliant red flowers with a yellow corolla that dangle and sway in the breeze from April thru June.</p> <p>Since it's little, it would be cute in a pot or planted along a path or front of garden.</p>
Perennial	<i>Bouteloua gracilis</i>	Blue Grama grass	Full Sun	Summer to Fall	12-14" x 18"	YES	NO	YES	NO	YES	YES	<p>Looking to add to your short meadow bed with a native grass? Blue grama grass is a great selection as it only grows to 14" tall with seed heads.</p> <p>It has a fine texture and produces blue-green seedheads which are suspended horizontally like tiny brushes from the tip of each stem. Blooms from July to October. The plant turns tan when dormant. Cut to the ground in late winter before new shoots appear.</p> <p>Larval host to many skippers and skipperlings. Tolerant of black walnut, but not the shade.</p> <p>Great companion with miniature carnations, trailing sedums and summer bulbs like naked ladies.</p>

Perennial	Chelone lyonii 'Pink Temptation'	Pink Turtlehead	Partial Shade to Shade	Summer	16" x 165"	YES	NO	YES	YES	NO	YES	<p>Turtleheads are native wildflowers that adapt beautifully to garden conditions. Pink Temptation forms an upright, bushy mound of shiny green foliage which turns bronzy-green early in the season. In late summer, plants produce upright stems of large rosy-pink hooded flowers. Flowers from July to September.</p> <p>Best in a moist or wet site, they also adapt well to average perennial border conditions. Terrific at the waterside. Good for cutting. Showy and long lived. Attractive to butterflies. Plants are easily divided in spring.</p> <p>Companion plant with fox sedge, royal ferns, obedient plant and Cardinal flower.</p>
Perennial	Coreopsis verticillata 'Zagreb'	Threadleaf Coreopsis	Full Sun	Early Summer	12-20"	YES	NO	YES	YES	YES	YES	<p>The fine textured foliage of Coreopsis verticillata 'Zagreb' is attractive throughout the growing season. 'Zagreb' has bright golden, 2" daisy-like flowers that cover the plant in June & July. If cut back, it will rebloom in the fall. Leave the final seed heads on through the winter - the birds love them.</p> <p>This is a selection of a plant that is native from Maryland to Florida. It tolerates poor soil and is drought tolerant.</p>

Perennial	Echinacea hybridia 'Cheyenne Spirit'	Coneflower	Full Sun	Summer to Fall	24" x 24"	YES	NO	YES	YES	YES	YES	<p>Echinacea, a North American native, has big, bright flowers that appear from late June until frost. This selection is an exceptional bloomer on vigorous, full plants.</p> <p>Large daisy-like flowers with dark centers come in colors from rich purple, pink, red and orange tones to lighter yellows, creams and white. Blooms last well, cut or dried. Leave some spent blooms on the plants in the fall because their seeds provide winter food for finches and other birds. The dried seed heads also provide architectural interest in the winter.</p> <p>Coneflowers thrive in average soils in hot, dry conditions. 2013 AAS Flower Award Winner. Deer resistant.</p>
Perennial	Echinacea purpurea	Purple Coneflower	Sun	Summer to Fall	3-4'	YES	NO	YES	YES	NO	<p>This has been one of the backbone plants of the perennial border for 200 years. The dark green 4-8" long leaves are, coarse, serrated and have short, stiff hairs. The centers of the flowers are cones of orange-brown, and are surrounded by bright pink/purple petals that droop slightly toward the hairy stem.</p> <p>These are tough, easy plants. Give them average to lean soil and sun.</p>	

Perennial	Heliopsis helianthoides 'Summer Night'	Ox-eye	Full Sun	Summer	36" x 18"	YES	YES	YES	NO	NO	YES	<p>This mid-summer bloomer has deep golden yellow flowers with mahogany centers topping dark red stems and red-tinged foliage. This is a stunning native selection with outstanding wildlife benefits. Oxeye daisy seed is a prime source of food for songbirds in winter.</p> <p>Prefers moist, well-drained soil in full sun, but may tolerate drought. Deadhead to extend the blooming season. Low maintenance. Best utilized in the back of a border garden to accent lower growing, brightly colored perennials, as well as wildflower and cutting gardens.</p>
Perennial	Kniphofia uvaria 'Flamenco'	Torch Lily	Full Sun	Summer to Fall	3' x 2-3'	YES	NO	NO	NO	YES	NO	<p>In 1999 this brilliant variety was the All American award winner. Flowers are spikes of fiery red, vivid orange and soft yellow. Tubular flowers attract swarms of hummingbirds.</p> <p>Tap roots ensure excellent drought resistance. This herbacious perennial is ideal for xeriscape gardens. It adds a distinct tropical look to the garden.</p> <p>Kniphofia thrives with normal, well drained soil.</p>

Perennial	Lobelia siphilitica	Giant Lobelia	Partial Shade to Shade	Summer	2-3'	YES	NO	YES	YES	NO	YES	<p>Giant Blue Lobelia is a native wildflower found by streams, ponds and moist meadows east of the Rockies. They should be located in rich moist, well drained soil in the shady garden. This is a vigorous plant, once established it self sows, generously creating new plants to share.</p> <p>Low rosettes of leaves are the launching pad for upright flower spikes of clear blue. It is a favorite of birds and butterflies. Deer resistant. Tolerates full sun in northern climates.</p>
Perennial	Maianthemum (Smilacina) stellatum	Starry False Solomon's Seal	Partial Shade to Shade	Late Spring	1.5' x 2'	YES	NO	YES	NO	NO	YES	<p>Starry false solomon seal is an excellent perennial for the woodland garden where it is free to colonize amongst ferns and foam flowers.</p> <p>Bearing dainty white flowers in May and in to June, the arching branches will add distinct texture to any landscape.</p> <p>Try using this as a groundcover.</p>

Perennial	Monarda didyma 'Raspberry Wine'	Beebalm	Sun to Partial Shade	Summer	30-42"	YES	YES	YES	YES	NO	YES	<p>Monarda 'Raspberry Wine' is an introduction from White Flower Farm. It has clear wine red buds which open to circles of spidery tubes of raspberry colored flowers.</p> <p>Hummingbirds, bees and butterflies are strongly attracted. It is very mildew resistant. Square stems prove it to be a member of the mint family with an aromatic scent and a vigorous habit.</p> <p>Needs moist soil and good air circulation. Divide every two or three years to keep plants strong.</p>
Perennial	Penstemon x mexicali 'Red Rocks'	Beard-tongue	Sun	Summer	18" x 15"	YES	YES	YES	NO	YES	YES	<p>This lovely hybrid is named after Denver's famous amphitheater which was carved out of the spectacular red sandstone cliffs in the foothills west of the city. This hybrid has glossy, narrow foliage and tall spikes of stunning rose-pink and white flowers that bloom all summer long. Hummingbirds and butterflies love this perennial, not to mention being deer resistant.</p> <p>This is a vigorous grower that performs best in moderately fertile, but well-drained soils.</p> <p>Though drought tolerant, "Red Rocks"™ will flower most vigorously with regular watering.</p>

Perennial	<i>Polygonatum biflorum</i>	Small Solomon's seal	Partial Shade to Shade	Mid Spring	12-36" x 18"	YES	NO	YES	NO	NO	YES	<p>The zig-zag arching stalks are from 1-3 ft. long. Nodding, greenish-white, tubular flowers hang in pairs from where the leaves are attached to the single stem. Hanging from the leaf axils on an arching stem are a few (often 2) greenish-white, bell-like flowers. Blue berries follow the flowers of this perennial. The root is rhizomatous (think of German iris) but non-colonizing.</p> <p>Small Solomon's seal does best in rich woodland soil but quite versatile and will do well at the base of trees. Roots consumed by mammals. Fruits attract birds.</p> <p>Companion plants: short hostas, maiden hair fern, columbine and golden ragwort.</p>
Perennial	<i>Rudbeckia fulgida</i> var. <i>speciosa</i> 'Viette's Little Suzy'	Black-eyed Susan	Full Sun	Summer to Fall	12-18"	YES	NO	YES	NO	NO	NO	<p>This variety, developed by a grower in Virginia, is a compact version of our Eastern U.S native. Its showy, medium yellow flowers retain their color throughout the growing season.</p> <p>Prefers fertile, well-drained soil.</p>
Perennial	<i>Rudbeckia maxima</i>	Giant Coneflower	Full Sun	Summer	7'	YES	NO	YES	YES	YES	NO	<p>Huge glaucous, gray leaves form a basal rosette that is topped by flowering stems that reach as high as 7 feet! 3 inch black cones are surrounded by drooping yellow petals; very striking in the landscape.</p> <p>This is a unique native plant that attracts butterflies and is featured in the Butterfly River in Tyler's Stopford Family Meadow Maze.</p>

Perennial	Rudbeckia subtomentosa 'Henry Eilers'	Sweet Coneflower	Sun to Partial Shade	Mid Summer	3-5' x 2'	YES	NO	YES	NO	NO	YES	<p>Henry Eilers' is a sweet coneflower cultivar that typically grows to 3-5' tall on stiff, upright, leafy stems. The flowers have yellow rays that are rolled instead of flat, giving the flower a quilled effect. Dome-shaped brown center disks. Flowers bloom in clusters atop strong, sometimes-branching stems and leaves have a mild sweet aroma. Makes a great specimen in the back of the border as well as undeniable potential as a cut flower with its unique appearance, sturdy straight stems and long vase life.</p> <p>Rudbeckia subtomentosa is a vigorous, but very manageable perennial that favors average to moist soils and full sun to part shade. It is quite tolerant of heat and humidity, but will not withstand long periods of drought. Best grown in medium moisture soils that are well-drained loams in full sun. Tolerates hot and humid summers and some drought. Appreciates good air circulation. Deadhead spent flowers to encourage additional bloom.</p>
-----------	---	---------------------	-------------------------	---------------	-----------	-----	----	-----	----	----	-----	---

Perennial	Solidago rugosa 'Fireworks'	'Fireworks' Wrinkled Goldenrod	Full Sun	Fall	36"	YES	NO	YES	NO	NO	YES	<p>Stiff stems shoot out millions of tiny flowers on wave after wave of slightly arched branches beginning near mid-stem. The simulation is perfect to the tune of "bombs bursting in mid air".</p> <p>Rough textured leaves are long and narrow and acquire a bronze tone to them as stems begin to appear (the lighting of the fuse).</p> <p>This is a plant that attracts butterflies and is featured in the Butterfly River of Tyler's Stopford Family Meadow Maze.</p>
Perennial	Stachys monieri 'Hummelo'	Betony	Full Sun	Summer	18-24" x 18"	YES	NO	YES	YES	NO	NO	<p>'Hummelo' Betony forms a low-growing clump of softly green wavy or wrinkly leaves that spread quite slowly by stolons that root over the surface of the ground. Over a considerable length of time it spreads into a pleasing groundcover. Out of the center of the low-growing leafy rosette there arises sturdy nearly leafless stems, straight & tall, twenty inches to two feet high, topped with purple flowers. It has soft foliage, but the color is glossy green instead of silvery white.</p> <p>The flowers are attractive to hummingbirds. Grows best in moist, well drained garden soil. The plant benefits from being divided every three to four years.</p>

Perennial	Symphotrichum (Aster) oblongifolium 'Raydon's Favorite'	Aromatic Aster	Full Sun	Fall	2-3'	YES	YES	YES	NO	YES	YES	<p>This brings welcome bloom to the garden well into October. Lavender blue single-ray flowers are fine textured. The gray-green foliage is aromatic. If cut back in mid June it will be about 2' but will be dense and full. It is a favorite of butterflies and is a great cut flower.</p> <p>Aster oblongifolius is native to open dry areas so does well in average well-drained soil.</p>
Perennial	Thalictrum rochebrunianum	Meadowrue	Sun to Partial Shade	Summer	6-8'	YES	NO	YES	NO	NO	NO	<p>This may be the hardiest of the meadowrue commonly used in gardens. The sturdy purple-black stems are clothed with thumbnail-shaped blue-green leaflets. The clumps expand skyward starting in spring and are soon topped, for months beginning in early summer, with large flower heads of purple and yellow.</p> <p>Plant in sun or partial shade and a moist, well-drained soil. The plants take 2 to 3 years to get established. This plant is attractive to bees, butterflies and/or birds.</p>
Shrub	Ceanothus americanus	New Jersey Tea	Full Sun	Spring	2-3'	YES	YES	YES	NO	YES	YES	<p>New Jersey Tea is a small upright deciduous shrub with clusters of small white flowers at the branch tip. Tough, adaptable plant that likes sandy soils in open areas. The dried leaves make a tea that was popular during the Revolutionary War.</p>

Shrub	Cephalanthus occidentalis 'Magical® Moonlight'	Buttonbush	Partial Shade to Shade	Late Spring	6' x 6'	YES	YES	YES	NO	NO	YES	<p>Magical Moonlight is a variety that is more compact than the species. It also produces larger flower heads. Great addition to the small garden for it will attract many pollinators such as hummingbirds and butterflies.</p> <p>Flowers look like round white gulf balls and are fragrant. In the late summer, seeds produced will be snacked on by birds. This is truly a powerhouse shrub.</p> <p>For best results, plant in partial shade in spots that tend to be wet or moist such as edge of pond or in a rain garden.</p>
Shrub	Cornus amomum	Silky Dogwood	Sun to Partial Shade	Late Spring	6'-12' x 6'-12'	YES	NO	YES	YES	NO	YES	<p>A great shrub for wildlife! White flat-topped flower clusters attract butterflies and pollinators while the blue fruits in late summer are an important food source for many songbirds. Reddish-brown stems add winter interest.</p> <p>Does particularly well in moist areas, so it would be a great addition to your yard for those soggy areas that are difficult to find good plantings for. Its branches have a tendency to root in wet soil, creating thickets which are great for wildlife habitat. Good selection for moist woodlands, naturalized areas, along steams/ponds or for erosion control.</p>

Shrub	Cornus sericea (stolonifera) 'Arctic Fire'	Redosier Dogwood	Sun to Partial Shade	Year Round	4-5' x 4-5'	YES	NO	YES	YES	NO	<p>YES</p> <p>Arctic Fire® dogwood has beautiful red stems and a compact habit and is at its best in the winter sunlight. This dwarf variety reaches just 3-5' feet rather than the 8-10' of conventional red-twig dogwood.</p> <p>Bright red stems in winter add color to the landscape. The best red color appears on one and two year old stems; older stems will turn corky and brown.</p> <p>Its smaller size makes this variety a great breakthrough for smaller gardens or residential landscapes. Tolerates a wide range of soil and light conditions. Native to North America.</p> <p>Synonymous with and formerly known as Cornus stolonifera.</p>
Shrub	Diervilla lonicera 'Copper'	Dwarf Bush Honeysuckle	Sun to Partial Shade	Summer	3' x 3'	YES	NO	NO	NO	NO	<p>YES</p> <p>'Copper' is a dwarf bush honeysuckle cultivar that is noted for its copper-red new growth, yellow flowers and attractive fall color. It is a suckering, densely-branched, deciduous shrub that slowly grows to 2-3' tall. Yellow trumpet-shaped flowers bloom in late spring to early summer. New growth leaves emerge copper-red with bronze-red to orange-red fall color.</p> <p>Easily grown in average, medium moisture, well-drained soils in full sun to part shade. Tolerates some drought. Wide range of soil tolerance. Plant will spread by underground runners or stolons.</p>

Shrub	Euonymus atropurpurea var. atropurpurea	Burning Bush	Sun to Partial Shade	Year Round	12-24' x	YES	NO	NO	NO	YES	NO	<p>This native shrub is also referred to as burning bush with its orange-red fall color and attractive rosy-pink fruit capsules that persist into winter. But don't confuse this plant with the common winged euonymus, Euonymus alatus.</p> <p>This burning bush is very shade tolerant, yet it grows well and becomes an attractive dense specimen in full sun. Can be grown in clump form or pruned up to form an attractive 8-12 foot small tree. Flowers are purple in May to June and then form orange/red fruits in September to October.</p>
Shrub	Frangula (Rhamnus) caroliniana	Carolina Buckthorn	Partial Shade to Shade	Summer	16' x 6'	YES	NO	NO	NO	NO	YES	<p>Carolina buckthorn is a great addition to the woodland garden for it thrives as an understory plant with its shiny leaves. It stands attractively alone or works as a specimen. Many bird species feed on the bright red fruit. By fall, the fruits turn black.</p> <p>In light shade, Carolina buckthorn is airy and tiered, somewhat like the flowering dogwood also found in our woods. Three to four hours per day of sun are necessary. With more sun, the plant tends to get dense and shrubby losing some of its charm. Seedlings are produced in profusion.</p>
Shrub	Ilex verticillata 'Southern Gentleman' (male)	Winterberry Holly (male)	Sun to Partial Shade	Winter	7' x 7'	YES	NO	NO	NO	NO	YES	<p>Introduced by Robert Simpson, this male pollinator is a good match for the "southern" types of winterberry hollies including 'Cacapon', 'Shaver', 'Sparkleberry', 'Winter Red', and 'Winter Gold'.</p>

Shrub	Ilex verticillata 'Winter Gold'	Winterberry Holly	Sun to Partial Shade	Winter	7' x 7'	YES	NO	NO	NO	NO	YES	<p>The winterberry holly is a true holly that loses its leaves in the fall, but retains its berries well into winter, creating a splash of color in an otherwise drab winter landscape. A rounded, multi-stemmed shrub. The selection 'Winter Gold', a branch sport of 'Winter Red', bears yellowish tinged pinkish orange fruit. The berry set on female plants is as bountiful and persistent as 'Winter Red'.</p> <p>The blooms come late, so it requires a late-blooming male as a pollinator (such as 'Southern Gentleman'). Prefers moist, acid (pH 4.5-6.5), high organic matter soils.</p>
Shrub	Ilex verticillata 'Winter Red'	Winterberry Holly	Sun to Partial Shade	Fall to Winter	9' x 8'	YES	NO	NO	YES	NO	YES	<p>The winterberry holly is a true holly that loses its leaves in the fall, but retains its berries well into winter, creating a splash of color in an otherwise drab winter landscape. A rounded, multi-stemmed shrub. The selection 'Winter Red' bears intense red fruit in amazingly bountiful quantities. Berries reliably persist through winter, well into spring. Fruit is often consumed by hungry Cedar Waxwings once they return from their winter "vacation".</p> <p>The blooms come late, so it requires a late-blooming male as a pollinator (such as 'Southern Gentleman'). Prefers moist, acid (pH 4.5-6.5), high organic matter soils.</p>

Shrub	Lindera benzoin	Spicebush	Sun to Partial Shade	Spring to Fall	6-12' x 6-12'	YES	NO	YES	YES	YES	YES	<p>A deciduous shrub native to the Northeast, Spicebush is good for naturalizing or for the garden border. Greenish-yellow flowers wake up the spring landscape in April. Small red fruits, on the female plant, are especially enjoyed by birds in the Fall. Female plants need a male pollinator in order to set fruit, however.</p> <p>Fall color is a good clear yellow, especially when grown in full sun. Stems, fruit and leaves emit a fragrance similar to "Old Spice" when bruised. The larva (caterpillar) of the spicebush swallowtail butterfly feeds on the leaves of this shrub. Lindera is named for the Swedish botanist, Johann Lindler.</p> <p>Prefers a moist, acid, well-drained soil. Tolerates dense shade and clay soils.</p>
-------	-----------------	-----------	----------------------	----------------	---------------	-----	----	-----	-----	-----	-----	---

Shrub	Photinia (Aronia) melanocarpa 'Viking'	Black Chokecher ry	Sun to Partial Shade	Spring to Fall	3-6' x 5-6'	YES	NO	YES	NO	YES	YES	<p>A much prized plant because of its low-maintenance and the popularity of the berries to wildlife. 'Viking' produces larger, tastier fruit than the species; ¾" in diameter, round, profuse and mature in early autumn. They are rich in vitamin C, ferrum, and iodine, and make excellent eating fresh, stewed, dried, or juiced. Clusters of small white flowers bloom in spring.</p> <p>if you are growing 'Viking' for its ornamental beauty, leave the berries on the shrub as they provide nutritious meals for the songbirds.</p> <p>Autumn leaves sport brilliant tones of orange, scarlet, and carmine, which remain for many weeks before falling into a colorful pool on the garden floor. Show-stopping color!</p> <p>Chokeberry thrives in moist soil but will tolerate dry soil in sun or partial shade. 'Viking' is self-fertile, so you need plant only one for a full crop of berries. It needs no pruning, is quite drought-tolerant once established in your garden.</p>
-------	---	--------------------------	-------------------------	-------------------	-------------	-----	----	-----	----	-----	-----	---

Shrub	Physocarpus opulifolius 'Gelesq' Red Esquire®	Dwarf Ninebark	Sun to Partial Shade	Early Summer	47" x 12"	YES	NO	YES	NO	YES	YES	<p>Red Esquire is a stand out for any small garden or for growing in a container. White flowers pop against the dark sombre burgundy red foliage in early summer. Like most ninebarks, it is easy to care for and will attract pollinators.</p> <p>Red Esquire is easy to maintain. It performs well in any type of soil, in sun to partial shade.</p> <p>This is a relative new introduction and no data is present for fall color.</p>
Shrub	Rhus aromatica 'Lacette'	Fragrant Sumac	Full Sun	Spring	4.5' x 7'	YES	NO	YES	NO	NO	YES	<p>Compact growing, Lacette adds a graceful elegance to difficult landscape sites. Lacy in appearance but dense in habit, its small leaves are aromatic when crushed and half the size of others in the market. As summer starts to fade, lush green leaves turn vibrant shades of red, wrapping up the fall season with a bang.</p> <p>Tolerant of a wide array of soils, Lacette thrives in full sun on sloping hillsides, urban parking lots and is lovely in informal landscapes. It is native the eastern U.S. and attracts various species of birds and butterflies. With a free-branching habit, it seldom needs pruning – developing tight little mounds that remain tidy if sheared occasionally. With the use of living hedges becoming more popular, Lacette is the perfect candidate to use in tough, sunny sites.</p>

Shrub	Rosa virginiana	Virginia Rose	Full Sun	Spring to Fall	4-6'	YES	NO	NO	NO	NO	YES	<p>Virginia Rose is a beautiful flowering variety that provides luscious pink petals in the spring and vibrant red berries in the fall which provide food for hungry birds in the winter. The scent of the blooming petals is amazing. You will want to sit in your yard each morning soaking up the sun and the fragrance coming from these beauties. The red berries, called hips, add a wonderful splash of color to a winter white landscape.</p> <p>Though Virginia Rose is a wonderful addition to any landscape palette, they are not good neighbors in a small garden. They take center stage underground so they need lots of room.</p> <p>Their fruit, rich in vitamin C, can be eaten, made into jams, or steeped to make rose hips tea. Grown in well-drained, acidic soil.</p>
Shrub	Syringa meyeri 'Palibin'	Dwarf Korean Lilac	Full Sun	Spring	4-5'	YES	NO	YES	NO	NO	NO	<p>This selection is the most dwarf of the lilacs, growing to 4-5 feet without pruning. It remains a tight, compact shrub with dark, glossy green leaves that are somewhat leathery.</p> <p>In spring, the deep purple buds burst into lavender-pinkish tinged blue bloom.</p> <p>Lilacs perform best in almost any well-drained garden soil and full sun.</p>

Shrub	Viburnum acerifolium	Maple-leaved Viburnum	Sun to Partial Shade	Early Summer	3-6' x 2-4'	YES	NO	YES	NO	YES	YES	<p>Native to eastern North America, this viburnum is a relatively small, rounded, suckering, deciduous, woodland shrub which has long been cultivated for its attractive summer flowers and foliage. The leaves provide excellent rose-purple fall color and contrast with the mature dark fruits.</p> <p>Naturalize in open woodland areas. Also may be used in shrub borders, foundations or hedges. The relatively low-growing plants provide good nesting and escape cover for birds and small mammals.</p> <p>The plants will thrive in moist soils and a range of light conditions but they are a good choice for dry soils in deep shade.</p>
Shrub	Viburnum dentatum	Arrowwood Viburnum	Sun to Shade	May	5-15'	YES	NO	NO	YES	NO	YES	<p>Native Americans used the strong shoots of this plant for the shafts of their arrows. Flat-topped clusters of small white flowers are attractive to butterflies and are followed in fall by the bluish-black fruits that birds love.</p> <p>The foliage is a lustrous green throughout the summer. This viburnum is tough and very adaptable to a variety of soils.</p>

Shrub	Viburnum nudum 'Winterthur'	Possomhaw Viburnum	Sun to Partial Shade	Spring to Fall	5-6' x 5-6'	YES	NO	YES	YES	NO	YES	<p>This handsome flowering shrub received the Pennsylvania Horticultural Society Gold Medal Award in 1991. Glossy green leaves turn spectacular vibrant red-purple in fall. In May-June, creamy white flowers are 2-4" across. As the leaves turn in autumn fruit clusters form, beginning white changing to pink and finally brilliant blue. Its habit is more compact and refined than the species.</p> <p>It needs cross-pollination for good fruiting. Possomhaw grows naturally along streams in very moist acid soils. This cultivar grows well in both wet, shaded sites and sunny, well-drained areas.</p>
Shrub	Viburnum trilobum	American Cranberrybush	Sun to Partial Shade	Summer to Fall	8-12' x 8-12'	YES	NO	NO	NO	NO	YES	<p>Viburnum trilobum is a native deciduous shrub to the northeastern and northwestern United States. It has a dense, rounded crown and has a moderate growth rate.</p> <p>The flowers are white blooms in early June. The fruit is a red drupe, matures in September, is edible and persists on the plant until eaten by the birds.</p> <p>It is easily transplanted, prefers well-drained, moist soil. Grow as a shrub border, or as a small flowering tree.</p>

Shrub	Xanthorhiza simplicissima	Yellowroot	Partial Shade to Shade	Spring	1-3' x 1-3'	YES	NO	NO	NO	NO	YES	<p>Yellowroot is a fantastic woody groundcover that easily spreads to form a dense carpet. Small purple flowers appear in spring that later produce star-shaped fruits eaten by birds. In the fall, the foliage turns from yellow to a stunning red or purple.</p> <p>Yellowroot tolerates a wide variety of soil types and takes average water. It spreads by root suckers. The roots were used by Native Americans as a dye.</p>
Tree	Chionanthus virginicus	White Fringetree	Sun to Partial Shade	Year Round	12-20' x 12-20'	YES	NO	NO	NO	NO	YES	<p>White Fringetree is one of our most beautiful native trees. Michael Dirr writes "I would like to make a case for this as the national shrub for even dogwood does not carry itself with such refinement, dignity and class..." Enjoy masses of soft fragrant flowers in spring that drip from all the branches, followed by birds flocking to dark blue fruit in fall.</p> <p>It prefers a moist, fertile, acid soil.</p>

Tree	Cornus florida 'Comco No 1' Cherokee Brave	Flowering Dogwood	Sun to Partial Shade	Spring to Fall	15-30' x 25-35'	YES	NO	YES	YES	YES	YES	<p>'Cherokee Brave' has better drought resistance than most dogwood cultivars available and is noted for having resistance to anthracnose and powdery mildew. The blossoms feature red bracts that fade to white in the center.</p> <p>A small deciduous tree with a low-branching, broadly-pyramidal but somewhat flat-topped habit, it is arguably the most beautiful of the native American flowering trees. Oval, dark green leaves turn attractive shades of red in fall. Bright red fruits are bitter and inedible to humans (poisonous) but loved by birds. Fruits mature in late summer/early fall and may persist until late in the year.</p> <p>Easily grown in average, medium moisture, well-drained soils but prefers moist, organically rich, acidic soils in part shade.</p>
------	---	----------------------	-------------------------	-------------------	--------------------	-----	----	-----	-----	-----	-----	---

Tree	Diospyros virginiana	Persimmon	Sun to Partial Shade	Fall	+30' x +20'	YES	NO	YES	NO	NO	YES	<p>Common persimmon is a slow-growing tree of moderate size found on a wide variety of soils and sites. Best growth is in the bottom lands of the Mississippi River Valley. The wood is close grained and sometimes used for special products requiring hardness and strength.</p> <p>Persimmon is much better known for its fruits, however. They are enjoyed by people as well as many species of wildlife for food. The glossy leathery leaves make the persimmon tree a nice one for landscaping, but it is not easily transplanted because of the taproot.</p>
Tree	Quercus alba	White Oak	Full Sun	Fall	70' x 70'	YES	NO	NO	NO	NO	YES	<p>White Oak is a large, stately tree with a round to wide spreading crown. Natural stands are usually found in areas with loam or clay soil. The medium green leaves are 5-6" long and have distinct lobes with rounded sinuses and tips. Bark is a light gray color and somewhat scaly on branches. White Oak's wood is strong and durable.</p> <p>Its canopy is more spreading than most other trees in closely-packed mature forests or in open fields, and its fall color is often reddish-brown to reddish-purple, one of the best Oaks in this regard. White Oak acorns are relatively large and often borne in great abundance. It may reach 80' by 100' at maturity, when found in the open.</p>

Tree	Quercus bicolor	Swamp White Oak	Sun to Partial Shade	Fall	50' x 60'	YES	NO	NO	NO	YES	YES	<p>Swamp White Oak is a deciduous tree with a broad, rounded crown. The dark, shiny green leaves are silver on the underside. Fall color is usually yellow, but sometimes reddish purple. Though ornamentally insignificant, flowers bloom in April attracting pollen-seeking insects that attract migrating vireos, tanagers and warblers in search of a meal.</p> <p>Large acorns mature in early fall providing food for deer, wild turkey, black bear, fox and gray squirrels. Indigenous to moist, bottomland locations, this oak has surprisingly good drought resistance.</p>
Vine	Clematis virginiana	Virgin's Bower	Sun to Partial Shade	Summer to Fall	12-15' x 3-6'	YES	NO	YES	YES	YES	YES	<p>Clematis virginiana is a native plant whose elegance comes from mixing toughness and beauty. Fast-growing and trouble-free, without all the baggage, dogma and fuss of the mass-market Clematis. Small white 4-petaled flowers are sweetly fragrant and in massive profusion in high summer, just when your garden needs a shot of love.</p> <p>Perfect for climbing structures, arbors, chain-link fences, etc. This one will root where it makes good soil contact, but can be kept in place with a little old-fashioned trick called gardening.</p> <p>Thrives in average soils, and can tolerate considerable moisture but doesn't need it once established.</p>

Vine	Lonicera sempervirens	Trumpet Honeysuckle	Sun to Partial Shade	Spring to Summer	10-15'	YES	YES	YES	NO	NO	YES	<p>The flashy red flowers of trumpet honeysuckle beckon hummingbirds to their sweet nectar. It is a twining woody vine; train it onto an arbor or trellis in full sun for the best floral display. Older stems have papery exfoliating bark.</p> <p>The delicate but striking blooms appear from Spring through Summer and are set against a backdrop of dark green leaves. Bright red fruits are attractive to a wide variety of birds. Plant is a larval host to Spring Azure butterflies and Snowberry clearwing moths.</p> <p>Trumpet honeysuckle tolerates most soils except dry sands. Although it will grow in partial shade, flowers will be fewer. Quickly covering fences, lampposts, or mailboxes without being too aggressive, it is an excellent vine for naturalizing.</p>
------	-----------------------	---------------------	----------------------	------------------	--------	-----	-----	-----	----	----	-----	--