

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Woody: Vine	Campsis radicans 'PRN Redbird'	Trumpet Vine	Mid Summer	Full Sun	30'	<p>This beautiful dark red trumpet vine was found on Pleasant Run Nursery growing up an enormous Black Locust. They were so impressed with the flower color and length of bloom time that they decided to propagate it. It blooms all summer, giving delight to you and sustenance to your hummingbirds.</p> <p>Will tolerate both wet or dry, sand, loam or clay soil.</p>
Woody: Vine	Clematis carrizoensis	Carrizo Leather Flower	Early Summer	Partial Shade	10-12'	<p>Recently described as a new species by Dwayne Estes, Clematis carrizoensis is limited to the Carrizo Sands in North-Eastern Texas. It's a climbing species, to 10 feet, with cream colored sepals, and thick, glaucous foliage.</p> <p>Clematis coactilis may have originated as a hybrid between ochroleuca and albicoma. It's an erect species, hairy, with pale yellow urn-shaped flowers, sometimes tinged with purple. It flowers in late spring to early summer and is found mostly in shale barrens but sometimes in limestone outcrops.</p> <p>Native to only a few counties in Texas, this bell-flowered gem is worth growing for its foliage which is silvery, somewhat resembling Eucalyptus.</p>
Woody: Vine	Clematis viorna	Leather Flower	Summer	Sun to Partial Shade	6-8'	<p>Clematis viorna is a deciduous native with pink-purple urn shaped flowers followed by feathery golden seedheads. Its slender branches work well as ground cover for banks and thickets.</p> <p>It prefers a neutral PH with good drainage. Prune in the spring.</p>

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Woody: Vine	Clematis x durandii	Clematis	Summer to Fall	Sun to Partial Shade	6-10'	<p>This deciduous hybrid clematis, has unusual and very striking deep blue flowers with creamy stamens on a non-clinging, scrambling vine. Noted for its often spectacular and long bloom period, the 4" diameter flowers bloom early summer into fall.</p> <p>This clematis is best grown as a scrambling rather than an ascending vine. Let it sprawl through large shrubs or perennial borders, over old tree stumps or draping over a wall.</p> <p>Easily grown in fertile soil with medium moisture. Well-drained soil is a must. Clematis generally prefer full sun, but this hybrid has some tolerance for part shade. Roots should be mulched to help keep roots cool and uniformly moist. Also tolerant of black walnut.</p>
Woody: Vine	Gelsemium sempervirens 'Margarita'	Carolina Jessamine	Spring to Fall	Full Sun	10-20'	<p>A twining evergreen vine with thin wiry stems. Fragrant, yellow, tubular flowers appear early spring in great abundance. Use on fences, trellises and even as an accent for small trees. Cultivar 'Margarita' is a cold hardy form with flowers slightly larger than the species.</p> <p>They need fertile, well drained soil and shelter from drying winds.</p>
Woody: Vine	Hydrangea anomala ssp. petiolaris	Climbing Hydrangea	Year Round	Sun to Partial Shade	60-80'	<p>This vine clings to brick or stone walls, tree trunks or rock piles. It adds depth and interest as it grows and spreads laterally over its supporting structure. Leaves are a glossy dark green, large, flat, white flower clusters have sterile flowers around the perimeter. Shredding reddish bark adds winter interest.</p> <p>Prefers rich well-drained, moist soil.</p>
Woody: Vine	Lonicera sempervirens 'John Clayton'	Trumpet Honeysuckle	Summer to Fall	Sun to Partial Shade	10-20'	<p>This selection of our native honeysuckle is a great compact yellow flowering vine. Fruits are profuse and a good red color.</p> <p>Trumpet honeysuckle will tolerate shade well, but flowers will be fewer; very tolerant of a wide range of soil conditions, but best in a moist, well-drained soil.</p>

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Woody: Vine	Schizophragma hydrangeoides 'Roseum'	Japanese Hydrangeavine	Early Summer	Sun to Partial Shade	25'	<p>Japanese hydrangeavine is a true clinging vine, adding vertical interest all year. The selection 'Rosea' has rich rose pink, flat-topped flower clusters, 5-7 inches across, that are reminiscent of hydrangea and are produced June-July.</p> <p>Perfect for climbing up walls or trees. Performs well in any good garden soil.</p>
Woody: Vine	Wisteria frutescens 'Amethyst Falls'	American Wisteria	Late Spring- Early Summer	Sun to Partial Shade	20'	'Amethyst Falls' is an "improved" selection of the native American Wisteria. It has longer and deeper purple flower clusters and it also flowers as a younger plant. It is equally as fragrant and as obedient as the other American Wisterias.
Woody: Vine	Wisteria macrostachya 'Blue Moon'	Kentucky Wisteria	Summer	Full Sun	15-25'	<p>Kentucky wisteria has 8-12" long flower clusters that are packed tightly with wonderfully fragrant blossoms that first appear in June and repeat through the summer.</p> <p>Some consider this to be a sub-species of American wisteria. This cultivar is a hardy selection from Minnesota.</p> <p>Prefers deep, moist but well drained loamy soils. They are pH compatible, so use nitrogen sparingly. Prune after flowering in the summer and then if needed, again in the late fall.</p>
Woody: Tree-Ornamental	Aesculus parviflora	Bottlebrush Buckeye	Summer to Fall	Sun to Partial Shade	8-10' x 8-15'	<p>Bottlebrush buckeye grows to become a wide-spreading, suckering, multi-stemmed shrub. Large, medium to dark green compound leaves have their leaflets arranged like fingers radiating from a person's hand and measure 8-10" across. Small white flowers are arranged in cylindrical clusters that are 8-12"s long and 2-4" wide.</p> <p>This native buckeye blooms in our area around July Fourth each summer for 2 to 3 weeks. In the fall the leaves turn a glowing yellow. Plant in a well-drained soil that has plenty of organic matter; prefers acid soil, but is adaptable.</p>

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Woody: Tree- Ornamental	Amelanchier canadensis	Serviceberry	Year Round	Partial Shade to Shade	15-30'	<p>Serviceberry is a beautiful garden shrub with interest throughout the year. A deciduous, early-flowering, large shrub or small tree, it typically grows 15-30' tall. The showy, 5-petaled, slightly fragrant, white flowers appear in drooping clusters before the leaves emerge in early spring. Finely toothed, elliptic, medium to dark green leaves change to orange-red in autumn.</p> <p>Flowers give way to small, round, green berries which turn red and finally mature to a dark purplish-black in early summer. Edible berries resemble blueberries in size and color and are used in jams, jellies and pies.</p>
Woody: Tree- Ornamental	Cornus florida	Flowering Dogwood	Early Spring	Sun to Partial Shade	15-30' x 15-30'	<p>Cornus florida, commonly known as flowering dogwood, is a small deciduous tree with a low-branching, broadly-pyramidal but somewhat flat-topped habit. It arguably may be the most beautiful of the native American flowering trees.</p> <p>Each flower cluster is surrounded by four showy, white, petal-like bracts which open flat, giving the appearance of a single, large, 3-4" diameter, 4-petaled, white flower. Oval, dark green leaves turn attractive shades of red in fall. Bright red fruits are bitter and inedible to humans but are loved by birds.</p> <p>Grow in average, medium moisture, well-drained soil in full sun to part shade but prefers organically rich, acidic soils in part shade. Benefits from a 4-6" mulch which will help keep roots cool and moist in summer.</p>

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Woody: Tree- Ornamental	Cornus florida 'Comco No 1' Cherokee Brave	Flowering Dogwood	Spring to Fall	Sun to Partial Shade	15-30' x 25- 35'	<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>
Woody: Tree- Ornamental	Cornus florida 'Double Pink'	Flowering Dogwood	Spring to Fall	Sun to Partial Shade	30' x 25'	<p>In Spring, this native beauty ruffles out large double to semi-double "flowers" on top of naked stems. Luscious petal-like bracts show gentle stripes of strong pink that fade into white resulting in a varied blush pink effect. The ornamental red berries loved by birds are produced by late summer. Foliage turns an attractive reddish maroon in Fall. Layered branching makes this tree graceful both when in bloom and when in silhouette in Winter.</p> <p>Assumed disease resistance is very good based on the age and large size of the 'Double Pink' first sighted at The Rutgers Gardens. Black walnut tolerant.</p> <p>Prefers moist, organically rich, acidic soils in dappled shade. Benefits from a 2-4" mulch which will help keep roots cool and moist in summer.</p>

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Woody: Tree- Ornamental	Cornus florida 'Plena'	Flowering Dogwood	Spring to Fall	Sun to Partial Shade	16' x 16'	<p>This native double flowering tree has large white showy flowers that make 'Plena' outstanding. Blooms April to May. Leaves turn attractive purple-red in fall accompanied by red berries enjoyed by birds. This compact tree is slow growing reaching a mature height of 12-20'.</p> <p>Popular as a specimen or in small grouping near homes or patios, under power lines or in lawns. Good naturalizer for woodland, bird or native plant gardens. Not recommended for urban street planting because of air pollution intolerance.</p> <p>Easily grown in full sun to part shade in average soil conditions. Prefers part shade in evenly moist, acidic, organically rich, well-drained soils. When stressed, susceptible to disease and insect problems. Tolerates clay soils and black walnut.</p>
Woody: Tree- Ornamental	Cornus florida 'Pumpkin Patch'	Flowering Dogwood	Summer to Fall	Sun to Partial Shade	20' x 15'	<p>'Pumpkin Patch' is a red flowered dogwood with a combination of light green (almost yellow) foliage crowned by burgundy new growth. What catches one's eye in particular is the fall color, which is brilliant orange, hence 'Pumpkin Patch', followed by orange twigs in winter. 'Pumpkin Patch' is a rare collector's plant.</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>

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Woody: Tree- Ornamental	Cotinus obovatus	American Smoketree	Late Spring	Sun to Partial Shade	15-30'	<p>American smoketree is an upright, small tree or multi-trunked shrub, growing 15-30 ft. tall. It has a short trunk, open crown of spreading branches, resinous sap with a strong odor, and deep orange-yellow heartwood.</p> <p>Six to ten inch flower panicles develop long, red or purple, hairlike petioles that, in the crowded flower clusters, create a smoky appearance. (The flower itself is small and not showy.) Berries occur infrequently on pinkish stems; these also have a smoke-like look. Spring leaves are silky pink, becoming bluish to dark green.</p> <p>Fall leaves are magnificently colorful. A gnarled limb structure and the dark, flaking bark are other attributes. The masses of smoke-like fruit clusters with hairy stalks of sterile flowers give the species its common name</p>
Woody: Tree- Ornamental	Franklinia alatamaha	Franklin Tree	Year Round	Sun to Partial Shade	10-20' x 6-15'	<p>Small native tree or shrub with upright spreading branches. Flowers are 3.5" across, showy, white and fragrant. They appear in late July to August. Handsome fall foliage can be spectacular orange to red to purple. Flowering often continues into fall and is spectacular against the fall colored foliage. Seedpods, which persist on the branches through the winter months are unusually looking, 5-valved capsules.</p> <p>Philadelphia's John Bartram found this tree in 1770 along the banks of the Altamaha River in Georgia and collected a few for his garden. This plant has not been seen in the wild since 1790. It is believed that all plants in commerce today are descendents of those collected by Bartram.</p>
Woody: Tree- Ornamental	Hamamelis virginiana	Virginia Witchhazel	Fall	Sun to Partial Shade	20' x 15'	<p>Native understory tree or large shrub. Bloom time is October/November with yellow, spider-like flowers with a light, spicy fragrance. It is the last woody plant to flower. Excellent for naturalistic areas as well as shady areas.</p> <p>Likes full sun to partial shade and prefers a moist, cool, acidic soil. Tolerates clay soil and poor drainage. It forms a small tree or shrub with arching branches, usually growing in dense multi-stemmed clumps reaching up to 20 feet tall.</p>

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Woody: Tree- Ornamental	Hamamelis x intermedia 'Birgit'	Hybrid Witchhazel	Spring to Fall	Full Sun	15 '	<p>Hamamelis x intermedia is a cross between H. japonica and H. mollis. The cultivars are outstanding. Hamamelis x intermedia 'Bridgit' is a vigorous shrub with dark purple, fragrant strap-shaped petals and 2-4" long dark green to blue green leaves. Fall foliage is spectacular, reds with tones of yellow and orange.</p> <p>Prefers moist, acid soil, is pH adaptable. It is one of the introductions from Mr. Belder and Kalmthout Arboretum of Belgium.</p>
Woody: Tree- Ornamental	Hamamelis x intermedia 'Sunburst'	Hybrid Witchhazel	Mid Winter	Sun to Partial Shade	10-20'	<p>Sunburst is a vigorous vase-shaped shrub with abundant lemon yellow, scentless flowers. Remove old leaves to maximize flower effect.</p> <p>It is considered superior in flower to 'Pallida'. Prefers a moist, well-drained, organic soil.</p>
Woody: Tree- Ornamental	Magnolia macrophylla	Bigleaf Magnolia	Late Spring	Sun to Partial Shade	30-40'	<p>Bigleaf magnolia is noted for its huge oblong-obovate leaves (to 30 inches long) which are the largest simple leaves of any tree indigenous to North America. Leaves are green above and silvery-gray below. It is a pyramidal tree that develops a spreading rounded crown with age, typically growing 30-40' tall. Fragrant, open, cup-shaped flowers to 8-10" wide bloom in May. Flowers are white with rose-purple at the petal bases.</p> <p>This unusual tree is rarely found in the wild, being limited mainly to a few rich wooded areas in river valleys and ravines in the southeastern United States. Best sited in locations protected from strong winds which may shred the large leaves.</p>

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Woody: Tree- Ornamental	Magnolia x soulangiana 'Black Tulip'	Hybrid Magnolia	Early Spring	Full Sun	20' x 10'	<p>Black Tulip's superb, goblet-shaped 6" blooms draw admiring attention with their intense black-purple color. Fragrant flowers emerge before leaves in early spring and contrast nicely with the smooth light grey bark. Attractive even in Winter.</p> <p>Its compact, slender nature makes a well-chosen addition to even smaller gardens especially if adding vibrant color and elegance to the front yard is desired. A lovely feature specimen or even planted in mass as a hedge.</p> <p>Performs best in a loamy, slightly acidic, well drained soil that is rich in organic matter. Magnolias are surface-rooting trees which respond well to regular mulching. Happiest when sheltered from strong winds. Hardy to zones 5-9.</p>
Woody: Tree- Canopy/ Shade	Betula nigra	River Birch	Winter	Sun to Partial Shade	40-70' x 40'	<p>The gracefully branched river birch is a 40-70' tall, usually multi-trunked tree which can even reach 90' in height. Often a slightly leaning and forked tree with irregular, spreading crown. A spreading crown of several large, ascending limbs support slightly weeping branches.</p> <p>The tree's selling point is its satiny, silver bark that peels to reveal a cinnamon-brown trunk beneath. Fall foliage is yellow but seldom effective.</p>
Woody: Tree- Canopy/ Shade	Betula populifolia	Gray Birch	Spring to Fall	Sun to Partial Shade	20-40' x 10- 20'	<p>Betula populifolia is a short-lived, narrow-columnar, suckering, deciduous tree that typically grows to 20-40' tall. It most often appears in a multi-trunked form, but also grows with a single trunk. It is native primarily from Southeastern Canada to Virginia, with a scattering of plants extending westward to Illinois. It typically occurs in both dry and wet soils.</p> <p>Gray birch is best grown in medium to wet, well-drained, sandy or rocky loams in full sun to part shade. It seems to tolerate drier soils in its native range. It also tolerates poor soils.</p> <p>May naturalize by self-seeding and root suckers to form attractive strands. It also can be effective as a landscape tree.</p>

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Woody: Tree- Canopy/ Shade	Carpinus caroliniana	American Hornbeam	Fall to Winter	Sun to Partial Shade	20-30' x 20-30'	<p>Rigid branching patterns, smooth gray bark that reveals muscle-like wood beneath, dangling catkin flowers in spring, clean small birch-like leaves, and unusual leafy cones in fall make this one of those small trees you wonder how you lived without until you plant one.</p> <p>Adaptable to sun, shade, moist or relatively dry soils, bottomland or upland--a plant as tough as its name.</p>
Woody: Tree- Canopy/ Shade	Metasequoia glyptostroboides	Dawn Redwood	Year Round	Sun	70-115' x 25'	<p>This graceful, deciduous conifer has a very fast rate of growth. It is pyramidal and conical with a straight central leader. Leaves are a bright green and feathery in appearance. Fall leaves are orange-brown or red-brown. Winter aspect shows red-brown bark, fissured and exfoliating in long strips. Trees become heavily buttressed at the base as they mature.</p> <p>This is an excellent tree for lining driveways, for large areas such as parks or golf courses or for screens.</p> <p>It prefers moist, well-drained slightly acid soil.</p>
Woody: Tree- Canopy/ Shade	Nyssa sylvatica	Black Gum, Tupelo	Fall	Full Sun	50' x 30'	<p>Sour gum is a slow-growing native tree. It is a stately tree with a straight trunk and rounded crown with spectacular scarlet fall color.</p> <p>Excellent ornamental shade tree for lawns or as a street tree. Also grows well in moist woodland gardens or naturalized areas or in low spots subject to periodic flooding or in boggy areas.</p> <p>Although slow-growing, it still needs to be sited in an area which affords plenty of room for future growth, particularly since it is so difficult to transplant.</p>

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Woody: Tree- Canopy/ Shade	Quercus bicolor	Swamp White Oak	Fall	Sun to Partial Shade	50' x 60'	<p>Swamp white oak is a deciduous tree with a broad, rounded crown. The dark, shiny green leaves are silver on the bottom side. 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>
Woody: Tree- Canopy/ Shade	Quercus coccinea	Scarlet Oak	Year Round	Full Sun	70'	<p>Scarlet Oak is a large stately shade tree with a rounded, open habit which eventually matures to 70' tall.</p> <p>Leaves are 3-6" long and deeply cut with bristle-tipped, pointed lobes. Foliage is a glossy green in summer turning to a beautiful scarlet in late fall. Native to southeastern Missouri.</p> <p>Easily grown in average, dry to medium, well-drained soil in full sun. Prefers dry, acidic, sandy soils.</p>
Woody: Tree- Canopy/ Shade	Quercus rubra	Red Oak	Fall	Full Sun	60' x 60'	<p>Northern Red Oak is an excellent choice for homeowners who want a quality shade tree as quickly as possible. These stately trees are often planted on golf courses, parks, and campuses.</p> <p>Northern Red Oak is tolerant of urban air pollution and widely planted as a street tree in the American Northeast and Midwest. It is tolerant of salt spray and does well even in exposed coastal positions. Northern Red Oak is highly esteemed for its autumn foliage, and its symmetrical habit produces a handsome winter silhouette. The Northern Red Oak is the most important of the red oaks for timber production.</p>

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Woody: Tree- Canopy/ Shade	Taxodium distichum	Common Baldcypress	Year Round	Sun to Partial Shade	50-70' x 20-30'	<p>One of the few native deciduous conifers for our region. Losing all of its needles in the fall, the new needles emerge in spring a bright green. A very welcome site after a long winter.</p> <p>The needles turn a russet color in the fall before dropping. Reddish brown bark peels away from the trunk in thin strips adding interest to the winter landscape.</p> <p>Very adaptable to different soils; grows naturally in wet areas.</p>
Woody: Shrub	Callicarpa americana 'Lactea'	White Beautyberry	Summer to Winter	Sun to Partial Shade	5-8'	<p>'Lactea' is a less common white variety of Beautyberry that is a wonderful, large understory shrub with a naturally loose and graceful arching form. A native multi-stemmed deciduous shrub found in moist open woods in zones 7-11. In Summer, clusters of small white flowers emerge along bases of leaves and turn into showy, glossy white berries that persist into Winter even after leaf drop. Attractive to birds and wildlife.</p> <p>Berry laden branches make for good cut flower, better than non-native Beautyberry.</p> <p>Low maintenance; can either take a hard pruning for more compact growth or let mature to larger size to produce long cascading branches. Hardy and adaptable to a wide range of soils, can self-seed and easy to propagate.</p>
Woody: Shrub	Calycanthus floridus 'Athens'	Common Sweetshrub	Spring to Fall	Sun to Partial Shade	4-8' x 4-8'	<p>This cultivar bears yellow flowers with an enticing fruity fragrance. The habit of growth is dense and rounded. Flowers are born on current growth, so do desired pruning after flowering.</p> <p>Be sure to incorporate this carefree plant where fragrance can be enjoyed. Adapts to many soils but does best in moist deep loam.</p>

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Woody: Shrub	<i>Calycanthus floridus</i> 'Michael Lindsey'	Common Sweetshrub	Spring	Sun to Partial Shade	7' x 7'	<p><i>Calycanthus floridus</i> 'Michael Lindsey' is a unique native deciduous shrub with neat, attractive foliage. Green in spring and summer, it turns a striking yellow in the fall.</p> <p>Distinct, very fragrant flowers bloom in May and June; the scent of fruit lures you to its reddish-brown 2" flowers. No serious pest or disease problems.</p> <p>Use as a specimen plant or in the shrub border. Adaptable to many soils and all light conditions. Hardy in zones 4 to 9.</p>
Woody: Shrub	<i>Calycanthus floridus</i> var. <i>purpureus</i>	Purple-leaved Sweetshrub	Spring to Fall	Sun to Partial Shade	8' x 6'	<p>A selection of <i>Calycanthus</i> with a lovely dark plum purple cast to the new growth, followed by consistent purple coloration on the undersides of the leaves all summer. In May, masses of fragrant maroon flowers are eye-catching against the older dark green foliage. Leaves are aromatic when bruised and the fall color is golden yellow with shades of burgundy.</p> <p>Sweetshrubs get their name from their flower fragrance that can combine hints of apple, pineapple, strawberry and banana.</p> <p>This hardy deciduous shrub is tolerant of a variety of site conditions including erosion, dry shade and clay, but prefers rich loam. Prune immediately after flowering to maintain compactness or let sucker to form colonies if shrub border or naturalization is desired. Hardy to zones 4-9.</p>

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Woody: Shrub	Cephalanthus occidentalis	Common Buttonbush	Summer to Winter	Sun to Partial Shade	5-12' x 4-8'	<p>Buttonbush bursts forth with a profusion of tiny, fragrant white flowers in early to mid-summer. Flower heads have a distinctively pincushion-like appearance and mature into hard, spherical ball-like fruits which usually persist throughout the winter, giving the plant its common name. This is a somewhat coarse, deciduous shrub with an open-rounded habit.</p> <p>Naturalize Buttonbush in woodland areas, native plant gardens, pond margins, or shrub borders. It may also be grown in shallow water at the edge of ponds or large water gardens.</p> <p>This native has no serious disease or insect problems and adapts to a wide range of soils except dry ones. Pruning is usually not necessary but may be done in early spring for shape. To revitalize plant, cut back close to the ground in early spring.</p>
Woody: Shrub	Cercis canadensis	Eastern Redbud	Mid Spring	Sun to Partial Shade	20-30' x 25-35'	<p>Our native <i>Cercis canadensis</i> is one of our greatest treasures. Early spring blooms of pink-purple pea like flower clusters line the bare brown-black branches. The 3-7" heart shaped leaves follow the bloom period. Pea-like pods 2-3" long often persist throughout winter. It is stunning grouped with flowering dogwood at woods edge.</p> <p>Transplants best when small. Adapable to both acid and alkaline soils.</p>
Woody: Shrub	Cercis canadensis 'Ace of Hearts'	Eastern Redbud	Spring to Fall	Sun to Partial Shade	8-12' x 9-15'	<p>'Ace of Hearts' Eastern Redbud is unique because it is a dwarf redbud with very small leaves. It typically grows to about 8' tall and wide compared to the 20' x 20' size of the species. It is a true genetic dwarf. It has the typical vibrant pinky-purple flower color that is so welcome in the spring along with the delightful heart-shaped leaves, although these are also much smaller than the species.</p> <p>Redbud is tolerant of a wide range of site conditions, is not especially vulnerable to insects or diseases, is relatively easy to maintain, and makes a beautiful shrub or small tree, especially when flowering. The bark of redbud has been used as an astringent in the treatment of dysentery. Flowers of the tree can be put into salads or fried and eaten.</p>

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Woody: Shrub	Cercis canadensis 'Crosswicks Red'	Eastern Redbud	Spring to Fall	Sun to Partial Shade	25' x 20'	<p>'Crosswicks Red' Eastern Redbud is a selection made by Richard Hesselein while at Princeton Nurseries. He chose it for its beautiful neon pink, pea-shaped flowers which cover the stems in April and May. The color is strikingly different from the regular flower color, and stands out well in the spring landscape. The name does not refer to leaf color which is green like the species. These heart-shaped leaves are attractive all summer, turning yellow in the fall.</p> <p>Redbud is tolerant of a wide range of site conditions, is not especially vulnerable to insects or diseases, is relatively easy to maintain, and makes a beautiful shrub or small tree, especially when flowering. The bark of redbud has been used as an astringent in the treatment of dysentery. Flowers of the tree can be put into salads or fried and eaten.</p>
Woody: Shrub	Cercis canadensis 'Forest Pansy'	Eastern Redbud	Mid Spring	Shade to Partial Shade	20-30' x 25-35'	<p>'Forest Pansy' has striking shiny red-purple emerging leaves. The mature heart-shaped leaves are a rich deep purple. Flowers are light pink. This is a handsome addition as a specimen, in a woodland setting or in groupings.</p> <p>Prefers moist, well-drained soil and is adaptable to many soil types.</p>
Woody: Shrub	Cercis canadensis 'Hearts of Gold'	Eastern Redbud	Spring	Partial Shade	15' x 18'	<p>This is the first known, gold-foliaged Cercis for the U.S. Market. New leaves emerge red then turn to gold. Where leaves are shaded by others they will turn to green. 'Hearts of Gold' offers a perfect way to brighten the grayest day and provides a riot of color in early spring as it flowers even before foliage emerges.</p> <p>Its tiny lavender-purple redbud blooms are early harbingers of spring in the landscape. In summer, the gold foliage is burn-resistant even in full sun. A U.S. native, this gold redbud is as vigorous as green varieties and will grow to 10' in the first 5 years. At maturity it will reach 15' tall by 18' wide, making it perfect for hedges or as a specimen planting.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Woody: Shrub	Cercis canadensis 'Tennessee Pink'	Eastern Redbud	Mid Spring	Shade to Partial Shade	20-30' x 25-35'	<p>This cultivar has excellent form. It was a 1997 release selected by Hidden Hollow Nursery and offered by Fairweather Gardens. Flower color is a fantastic clear pink.</p> <p>Prefers moist, well-drained soil.</p>
Woody: Shrub	Chimonanthus praecox 'Luteus'	Wintersweet	Late Winter	Sun to Partial Shade	12' x 10'	<p>Wintersweet is a large deciduous shrub grown for its clear yellow waxy winter blooms that are incredibly fragrant. 'Luteus' has slightly larger flowers than the straight species which are light yellow throughout. Glossy mid-green leaves turn lemon yellow in fall.</p> <p>Looks best against dark backdrops or evergreens. The sweet fragrance in the dead of winter is intoxicating and looks lovely as cut branches in indoor floral arrangements.</p> <p>This hardy shrub likes to be sheltered from wind, well-drained fertile soil, and full sun to light shade. Needs little to no pruning, but can be pruned into a small tree form.</p>
Woody: Shrub	Chionanthus virginicus	White Fringetree	Year Round	Sun to Partial Shade	12-20' x 12-20'	<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>
Woody: Shrub	Clethra alnifolia 'Ruby Spice'	Summersweet t Clethra	Year Round	Sun to Partial Shade	6-8'	<p>'Ruby Spice' clethra is an oval, round-topped, erect, dense shrub, often suckering to form dense colonies. Fragrant pink flowers are borne in 2-6" long clusters on the tips of branches in July and August. Lustrous medium to deep green leaves turn pale yellow to rich golden brown in fall.</p> <p>Certainly one of the best native shrubs for summer color and fragrance.</p> <p>Prefers a moist, acid soil that has been supplemented with organic matter; grows naturally in wet places. Tolerant of salty conditions.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Woody: Shrub	Cornus sericea 'Baileyi'	Redosier Dogwood	Winter	Sun to Partial Shade	6-9' x 6-9'	<p>Cornus sericea 'Baileyi' is a loose broad spreading multi-stemmed shrub with lush green leaves in summer, purple-red in fall. Flowers and fruit are milky white. The plant's most interesting feature is its rich dark-red to blood-red stem color in winter. The color is great against dark evergreens or mixed with sericea 'Flaviramea' or sericea 'Cardinal'.</p> <p>Prefers rich, moist soil in a sunny location. Old stems should be cut to the ground to rejuvenate the plant and maintain the beautiful red color.</p>
Woody: Shrub	Cornus sericea 'Hedgerow's Gold'	Redosier Dogwood	Spring to Fall	Sun to Partial Shade	5-8' x 5-8'	<p>'Hedgerow's Gold' is a redbtwig dogwood that is primarily grown for its bold variegated foliage and its dark red winter stems. Medium green leaves (2-4" long) are variegated with irregular bright yellow margins, hence the name. Leaves turn pink to red in autumn and stems turn a beautiful red in winter.</p> <p>Tiny white flowers give way to clusters of whitish (sometimes with a bluish tinge) drupes in late summer. Fruit is quite attractive to birds and is generally considered to have as much if not more ornamental interest than the flowers.</p> <p>Tolerant of a wide range of soils, including swampy or boggy conditions. Trim roots with a spade and promptly remove root suckers if colonial spread is undesired. Best red stem color occurs on young stems. To stimulate growth of new stems which will display the best red color, some gardeners prune all stems close to the ground in early spring every 2-3 years.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Woody: Shrub	Edgeworthia chrysantha	Paper Bush	Summer	Sun to Partial Shade	3-4' x 3-4'	<p>This deciduous low branching shrub originates from China. It is related to the Daphne. Blooms are fragrant 1/2" flower clusters covered with silky hairs. They are creamy white with yellow tips. Red-brown stems are very tough and flexible, leaves are soft, slender and pale green.</p> <p>The plant is widely cultivated in Japan to use in making high quality paper.</p> <p>It prefers a sheltered sunny location in well drained soil. Michael Dirr says "Makes a nifty woodland plant and is a great teaser for the visitor who knows everything."</p>
Woody: Shrub	Epigaea repens	Trailing Arbutus	Early Spring	Partial Shade	6" x 24"	<p>Trailing Arbutus is an exquisite woodland plant that boasts sweet-scented pink or white blooms among shiny evergreen leaves. It forms a creeping mat, commonly only 4-6" high, making it an excellent groundcover in areas where it is not smothered by leaf litter. Its leathery leaves are also aromatic.</p> <p>It prefers moist locations and acidic soil. It is not always easy to grow and spreads slowly but when established, it is the pride of the woodland garden. It does not tolerate disturbance.</p>
Woody: Shrub	Euonymus americanus	Hearts-A-Burstin	Year Round	Partial Shade	6-9'	<p>This airy, deciduous shrub has ridged twigs that become purplish when exposed to the sun. Pale green flowers with purple stamens appear in spring and have five, distinct, clawed petals. Bright green, oval leaves become dark red in fall when bright pink to purple fruit "husks" open to reveal orange-red seeds. This dramatic husk-and-seed display is responsible for the "hearts-a-burstin" common name.</p> <p>A loose, suckering, sprawling shrub, it is best used in natural settings, in the shade of larger shrubs and trees. Large specimens can have hundreds of "bursting" red capsules. In the winter, the bright green twigs are also attractive.</p> <p>Tolerates poor drainage, moderate droughts, and alkaline terrain.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Woody: Shrub	Fothergilla gardenii 'Suzanne'	Dwarf Fothergilla	Spring to Fall	Sun to Partial Shade	2-3' x 2-3'	<p>Fothergilla gardenii 'Suzanne' is a compact deciduous shrub growing slowly to 2-3'. Leaves are leathery 1-2" of medium green turning brilliant yellow orange and crimson in fall. Flowers are wonderfully fragrant, shaped in bottlebrush spikes.</p> <p>'Suzanne' was chosen by Michael Dirr for its reliable compactness. Use with azaleas and rhododendrons, as an accent plant or in groups.</p> <p>Grows in sun or shade, prefers moist well drained peat or sandy loam with high organic content. Prefers acid soil but will grow in alkaline soil; does not like heavy soil.</p>
Woody: Shrub	Fothergilla major 'Mount Airy'	Dwarf Fothergilla	Spring to Fall	Sun to Partial Shade	5-6'	<p>Fothergilla 'Mount Airy' is a selection by Michael Dirr from the Mt. Airy Arboretum Cincinnati, Ohio. Profuse white bottlebrush-shaped flower spikes in early spring are effective for three to four weeks. Dark blue-green foliage emerges after flowering. Fall color is superb with a range of red, yellow and orange.</p> <p>It has a vigorous upright habit and tends to sucker, creating colonies. Use this native plant in borders, foundation plantings, or masses. It works well with rhododendron and azaleas.</p> <p>It performs best in moist, well-drained soil with a high organic content.</p>
Woody: Shrub	Hydrangea macrophylla Red Sensation	Next Generation® Red Sensation Hydrangea	Summer	Partial Shade	3' x 4'	<p>It's appropriate that this reblooming Hydrangea has the word "sensation" in its name. When you see the blooms appear in summer displaying a lovely shade of lime green, then watch as they slowly age to red, before fading to purple in the fall, "Sensational!" is what you'll say! Compact plant has shiny, green foliage and Mophead blooms.</p> <p>Growing to a size of about 3 feet high and wide, this is one little shrub you'll want gracing your shade garden or decorating your patio in a favorite container.</p> <p>From the Next Generation™ Collection introduced by Ball Ornamentals. Reblooming is the benchmark for this exciting collection. Excellent salt tolerance.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Woody: Shrub	Hydrangea macrophylla Star Gazer ('Kompeito')	Bigleaf Hydrangea	Summer	Partial Shade to Shade	3' x 4'	<p>'Star Gazer' Bigleaf Hydrangea is a reblooming lacecap in the Double Delights™ Collection of new Hydrangeas. The bicolor sterile florets are large and double, in shades of lavender blue or pink, depending on the soil pH. They are displayed on long petioles, on top of the fertile flowers. The habit is compact, with clean green foliage.</p> <p>Like all H. macrophyllas, 'Star Gazer' is salt tolerant, so it performs really well at the shore. A Ball Ornamentals Introduction, bred by Takeomi Yamamoto of Japan. Excellent salt tolerance.</p>
Woody: Shrub	Hydrangea paniculata 'Rensun' Strawberry Sundae™	Panicle Hydrangea	Summer to Fall	Sun to Partial Shade	4-5'	<p>Strawberry Sundae™ is a delicious new compact hydrangea from the French breeder of Vanilla Strawberry™ Jean Renault. The blossoms evolve in similar fashion as the season progresses, from creamy white to deep strawberry pink from July until September.</p> <p>Mass or group in a mixed shrub border or open woodland garden. Also effective as an accent or hedge. Provides late summer bloom when few other shrubs are in flower. Excellent cut or dried flower.</p> <p>Plant in a sunny, well-drained spot; some early afternoon shade is beneficial. Tolerates many soil types as long as average to moist conditions are met. Bloom occurs on new growth, so prune in late winter or early spring as needed.</p>
Woody: Shrub	Hydrangea quercifolia 'Flemygea' Snow Queen™	Oakleaf Hydrangea	Summer to Winter	Sun to Partial Shade	4-6' x 6-8'	<p>Hydrangea quercifolia is an upright, suckering, deciduous, multi-stemmed, shrub native to the U.S. from Georgia to Louisiana.</p> <p>Snow Queen has an upright rounded habit, featuring elongated, conical clusters (4-12") of white flowers which slowly turn pinkish purple. Long late spring to summer bloom period. Flower panicles are excellent in arrangements.</p> <p>Distinctive, deeply lobed, somewhat coarse, oak-like, deep green leaves (to 8") turn attractive shades of bronze, maroon or purple in autumn. Mature stems exfoliate to reveal a rich brown inner bark, attractive in winter.</p> <p>Best grown in fertile, medium moisture, well-drained soil.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Woody: Shrub	Hydrangea quercifolia 'Munchkin'	Oakleaf Hydrangea	Early Summer	Sun to Partial Shade	3' x 4-5'	<p>A new cultivar of the Oakleaf Hydrangea, 'Munchkin' is small in stature and has large flower heads that stay upright, even after heavy rains. In early summer, flowers open white and gradually turn medium pink.</p> <p>Growing 3-4 feet tall and 4-5 feet wide after nine years of growth, and flower heads held upright above their leaves, Munchkin is particularly suited for use in small residential landscapes.</p> <p>Grow in full sun or light shade.</p>
Woody: Shrub	Hydrangea quercifolia 'Queen of Hearts'	Oakleaf Hydrangea	Early Summer	Sun to Partial Shade	5-6' x 7-9'	<p>This outstanding cross was developed by the US National Arboretum breeding program. It produces a profusion of huge conical blooms that open white and slowly age to deep pink. Dark green foliage turns mahogany red in fall. Older plants add winter interest with tan exfoliating bark.</p> <p>Easily grown, this shrub is best suited to moist but well drained soil in full sun to partial shade.</p>
Woody: Shrub	Ilex verticillata 'Jim Dandy'	Winterberry Holly	Fall	Sun to Partial Shade	8'	<p>This male deciduous holly is an essential pollinator for female winterberry hollies such as 'Winter Red' to ensure good berry production.</p> <p>An inconspicuous plant, it prefers moist, well-drained soils.</p>
Woody: Shrub	Ilex verticillata 'Red Sprite'	Winterberry Holly	Winter	Full Sun to Partial Shade	3'-5'	<p>This is a compact selection of our native deciduous holly that only reaches a height of 5'. Like all winterberries, best fruit set is in full sun.</p> <p>Prefers moist acidic soils but will tolerate standing water. The bright red persistent 3/8" fruit provides a showy display against a backdrop of winter snow.</p>
Woody: Shrub	Ilex verticillata 'Southern Gentleman' (male)	Winterberry Holly (male)	Winter	Sun to Partial Shade	7' x 7'	<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>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Woody: Shrub	Ilex verticillata 'Winter Gold'	Winterberry Holly	Winter	Sun to Partial Shade	7' x 7'	<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>
Woody: Shrub	Lindera benzoin	Spicebush	Spring to Fall	Sun to Partial Shade	6-12' x 6-12'	<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>
Woody: Shrub	Photinia (Aronia) arbutifolia (pyrifolia)	Red Chokeberry	Spring & Fall	Sun to Partial Shade	6-10'	<p>Birds love the bright red fruits of this native shrub and butterflies depend on it as a larval host plant. Numerous clusters of tiny bright white flowers appear in spring.</p> <p>This is a very easy and adaptable plant that will grow in sandy or clay soil and tolerate some drought or wet areas. In the fall the leaves turn an attractive mix of orange, red, and yellow.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Woody: Shrub	Photinia (Aronia) melanocarpa	Black Chokeberry	Spring	Sun to Partial Shade	3-6'	<p>Black chokeberry is an open, upright, spreading, somewhat rounded but leggy, deciduous shrub which typically grows 3-6' (infrequently to 9') tall. Features clusters of 5-petaled, white flowers in spring which are followed in early autumn by blackish purple, blueberry-sized fruits which usually do not persist into winter as they are attractive to birds.</p> <p>Lustrous, dark green foliage turns an attractive purplish red in autumn.</p> <p>Tolerant of wide range of soils, including both dry and boggy soils. Best fruit production occurs in full sun. Spreads by root suckers to form colonies.</p>
Woody: Shrub	Rhododendron calendulaceum	Flame Azalea	Early Summer	Sun to Partial Shade	8' x 10'	<p>Deciduous azaleas are very popular garden plants. They add an accent to the spring and summer either as a specimen or as a mass planting.</p> <p>The flowers of this native azalea range from yellow-orange to red. It is very much like the flame azalea, but blooms later (early June) and is taller and more compact.</p>
Woody: Shrub	Rhododendron periclymenoides	Pinxterbloom Azalea	Spring	Sun to Partial Shade	4-6'	<p>Native to lower Appalachians in Georgia and Alabama, this deciduous azalea has white to pink slightly fragrant flowers in late spring.</p> <p>The bright green leaves turn yellow in fall.</p> <p>It is adapted to dry, rocky soil, but does well in good garden conditions.</p>
Woody: Shrub	Rhododendron prinophyllum	Roseshell Azalea	Late Spring	Sun to Partial Shade	3-8'	<p>The bright pink flowers of this deciduous azalea have a wonderful spicy clove-like fragrance and appear before the leaves. The foliage is bright green in summer and turns bronze in the fall.</p> <p>It is extremely hardy and is native from Quebec to Virginia. Prefers moist, rich soils.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Woody: Shrub	Rosa 'Novarospop' Popcorn Drift®	Pink Knock Out Rose	Spring to Fall	Full Sun	18" x 24"	<p>The Popcorn Drift rose is a beautiful re-blooming ground cover rose. Fragrant blooms start out as yellow and fade to a creamy white, sometimes suffused with light pink, as they mature against the glossy medium green leaves. Disease resistant foliage on a vigorous, hardy, carefree shrub. Blooms abundantly from early Spring to first hard frost.</p> <p>With a gently spreading growth habit, can be draped over rock walls if given the opportunity. Perfect for small spaces along walkways, borders or containers.</p> <p>Likes well drained organic rich soil in full sun. Needs regular watering, or more often in extreme heat during first growing season. Prune annually after danger of frost to shape and promote vigorous new growth.</p>
Woody: Shrub	Rosa 'Radtko' Double Knock Out®	Double Knock Out Rose	Summer to Fall	Full Sun	3' x 4'	<p>Double Knockout® combines the great disease resistant attributes of Knock Out® with an abundance of double, cherry-red flowers. The petal count per flower is 18-25, twice that of Knockout. The flowers are borne 3-6 on a stem. The additional petals present a fuller, richer pinkish-red inflorescence that is simply breathtaking and are 2.5" wide.</p> <p>Without dead-heading, the blooms maintain a continuous show of color from early June to hard frost with beautiful foliage almost year-round. The new growth is a dramatic burgundy red. Prefers sun and adequate moisture during the summer months.</p>
Woody: Shrub	Rosa 'Radyod' Blushing Knock Out®	Knock Out Rose	Year Round	Full Sun	3-4'	<p>The single light pink flowers changes to a remarkable shell pink as the blossom ages. Foliage is a mossy blue green, very tough, on a tidy shrub type plant.</p> <p>This shrub rose does not stop blooming. Very low maintenance plant.</p> <p>Best in full sun with well-drained soil. Great addition to the shrub border.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Woody: Shrub	Spiraea japonica 'Neon Flash'	Japanese Spirea	Spring to Fall	Sun to Partial Shade	3' x 3'	<p>Spiraea japonica 'Neon Flash' is a semi-deciduous clump forming shrub. New growth emerges bright green turning to dark green, flat carmine-red inflorescences are show stoppers in early spring through summer. The lance shaped leaves change to dark burgandy in fall.</p> <p>Useful in the front of a shrub border, in back of the perennial bed or as an accent plant.</p> <p>Tolerant of many soils except those which are extremely wet. Prefers full sun. Remove faded flowers.</p>
Woody: Shrub	Syringa meyeri 'Palibin'	Dwarf Korean Lilac	Spring	Full Sun	4-5'	<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>
Woody: Shrub	Syringa patula 'Miss Kim'	Manchurian Lilac	Spring	Full Sun	6' x 4'	<p>You can extend your blooming time for lilacs by planting different species. This selection is a late bloomer. The flowers are single, fragrant, purple in bud opening to a blue-ice white.</p> <p>Lilacs perform best in almost any well-drained garden soil and full sun.</p>
Woody: Shrub	Syringa vulgaris 'Angel White'	Common Lilac	Spring	Full Sun	10-12' x 10'	<p>The large 8", abundant pure-white blooms and lovely fragrance of 'Angel White' make it a welcome addition to the shrub border.</p> <p>To shape once established, deadhead after flowering and prune no later than July 4 to avoid damaging next year's flower buds. Regularly thin new growth from base. Cut out dead or damaged wood as it appears. To rejuvenate an overgrown lilac, cut out one-third of nonproductive old stems at the base annually.</p> <p>Plant in spring or fall in a sunny site with moist, well-drained soil.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Woody: Shrub	Syringa vulgaris 'Sensation'	Common Lilac	Mid Spring	Sun to Partial Shade	10-15' x 8-12'	<p>Dramatic, sweetly fragrant blooms of deep purple, elegantly trimmed in white, cover this lilac in mid spring. Blooms are complemented by heart-shaped foliage.</p> <p>A reliable spring-flowering shrub. Excellent as an accent or in small groups. Useful in shrub borders, hedges or screens, and in cottage gardens. Good cut flower.</p> <p>Easily grown in average, medium moisture, well-drained soil in full sun. Tolerates neglect but needs good air circulation.</p>
Woody: Shrub	Syringa x Bloomerang® Dark Purple	Reblooming Lilac	Spring to Fall	Sun to Partial Shade	4-6' x 4-6'	<p>A reblooming lilac! Heavy spring bloom will perfume your garden; then the plant rests a bit, begins reblooming in summer and just keeps on until stopped by frost.</p> <p>The flowers begin as midnight-purple buds, opening to brilliant lavender-blue blooms with a marvelously sweet fragrance. Perfect for cutflowers as well as garden enjoyment.</p> <p>Easily grown in average, medium moisture, well-drained soil in full sun. Tolerates neglect but needs good air circulation.</p>
Woody: Shrub	Syringa x Bloomerang® Pink Perfume	Reblooming Lilac	Spring to Fall	Sun to Partial Shade	4-5' x 4-5'	<p>A reblooming lilac! Heavy spring bloom will perfume your garden; then the plant rests a bit, begins reblooming in summer and just keeps on until stopped by frost.</p> <p>Dainty spikes of reddish purple buds open to intensely fragrant, soft pink flowers. Perfect for cutflowers as well as garden enjoyment.</p> <p>Easily grown in average, medium moisture, well-drained soil in full sun. Tolerates neglect but needs good air circulation.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Woody: Shrub	Syringa x hyacinthiflora 'Declaration'	Early Lilac	Spring	Sun to Partial Shade	8' x 6'	<p>Selected at the U.S.National Arboretum for its large, fragrant, striking dark reddish-purple flowers and its open, upright growth habit.</p> <p>A reliable spring-flowering shrub. Excellent as an accent or in small groups. Useful in shrub borders, hedges or screens, and in cottage gardens. Good cut flower.</p> <p>Easily grown in average, medium moisture, well-drained soil in full sun. Tolerates neglect but needs good air circulation.</p>
Woody: Shrub	Viburnum dentatum 'Synnestvedt' Chicago Lustre®	Arrowwood Viburnum	Summer	Sun to Partial Shade	8' x 8'	<p>An outstanding Viburnum, this selection has an upright-rounded habit and glossy dark green foliage. Creamy white flowers appear in mid to late June, followed by an ornamental cluster of blue-black fruit in autumn.</p> <p>Reddish purple or gold fall color and with a slightly later bloom than the species. Summer fruit attracts songbirds. An extremely durable and adaptable choice for hedging, screening and mass plantings.</p> <p>All V. dentatums need another cultivar for pollination to make copious fruit. Prefers acidic, moist soils. Adaptable to seashore conditions.</p>
Woody: Shrub	Viburnum lentago	Nannyberry	Spring to Fall	Sun to Partial Shade	14-16' x 6-12'	<p>Nannyberry is a large, upright, multi-stemmed, suckering, deciduous shrub. Non-fragrant white flowers in flat-topped cymes appear in Spring. Flowers give way in autumn to blue-black, berry-like drupes which often persist into winter and are quite attractive to birds and wildlife.</p> <p>Variable fall color ranges from drab greenish-yellow to reddish-purple. Fruits are edible and may be eaten off the bush when ripe or used in jams and jellies. Nanny goats apparently feed on the ripe berries (reportedly more so than billy goats), hence the common name.</p> <p>Remove root suckers to control spread unless naturalization is desired.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Woody: Shrub	Viburnum nudum 'Winterthur'	Possomhaw Viburnum	Spring to Fall	Sun to Partial Shade	5-6' x 5-6'	<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>
Woody: Shrub	Xanthorrhiza simplicissima	Yellowroot	Spring	Partial Shade to Shade	1-3' x 1-3'	<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>
Woody: Shrub	Zenobia pulverulenta	Dusty Zenobia	Spring to Fall	Sun to Partial Shade	2-4'	<p>This native is a graceful arching shrub. Foliage is gray blue-green with a dusty, powdery bloom. June-July flowers are pure white, bell shaped and nodding, clustered on long pendulous racemes. Burgundy fall color is enhanced by the white bloom.</p> <p>Benefits from occasional pruning after flowering to maximize next year's bloom.</p> <p>It prefers moist, well-drained, sandy, lime-free soil.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Woody: Evergreen	Aucuba japonica 'Variegata' (Gold Dust)	Gold Dust Aucuba	Spring to Summer	Partial Shade to Shade	4-10' x 4-6'	<p>Japanese Aucuba is a striking gold variegated shrub for shade gardens. Beautiful bright green foliage is so heavily speckled with gold, it projects an overall yellow-green appearance. If combined with yellow-blooming or variegated plants, you will have appealing color harmonies in your garden.</p> <p>The Aucuba is valued for its ability to thrive in the most difficult of garden environments, dry shade. It is an evergreen that responds well to pruning when so desired.</p> <p>Aucuba japonica is very easily propagated from cuttings and from seed when available. Cuttings taken in the spring and treated with a rooting hormone should root in about 3 weeks. Cuttings placed in water will root in 2-3 weeks.</p>
Woody: Evergreen	Chamaecyparis obtusa 'Fernspray Gold'	Hinoki False Cypress	Year Round	Full Sun	6-12' x 5-10'	<p>This slender Hinoki cypress features soft, lemon-yellow tipped foliage with the airy, featherlike appearance of a fern frond.</p> <p>This small evergreen tree grows slowly and is perfect for small yards and under powerlines. Stands out against plants with dark foliage.</p> <p>For best growth plant it in well-drained soil and mulch heavily in order to keep the roots moist and cool. Give this gem plenty of sun although it appreciates some protection from scorching afternoon sun in hot areas.</p>
Woody: Evergreen	Hypericum galioides 'Brodie'	Bedstraw St. Johns wort	Summer	Sun to Partial Shade	3' x 3'	<p>Bedstraw St. Johns wort has festive canary yellow flowers with a flamboyant boss of stamens standing proud. It has numerous flowers with narrow foliage.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Woody: Evergreen	Ilex glabra 'Shamrock'	Inkberry Holly	Year Round	Sun to Partial Shade	5' x 5'	<p>Ilex glabra 'Shamrock' is a handsome compact forrounded form of an excellent, native evergreen shrub. It was selected by John Tankard of Tankard Nursery, Exmoor, VA in 1977. Lustrous dark green leaves are overlaid with shiny bright new growth. Leaves are 1 1/2" long x 1/2" wide. Fruit is a berry like black drupe from September persisting through May.</p> <p>Useful as hedges, foundation planting, masses or accent plants. Prefers moist acid soil. Suckers in the wild and will form large colonies. It withstands pruning very well to rejuvenate old plants.</p> <p>Easily grown in wet, dry, loam, sand or even clay, it tolerates pollution and salt. Too much wind or burning sun may affect the leaf color.</p>
Woody: Evergreen	Ilex x meserveae 'Meschick' Dragon Lady®	Meserve Holly	Year Round	Sun to Partial Shade	10-20' x 6'	<p>'Dragon Lady' has a narrow pyramidal habit. Spiny, dark green foliage is evergreen and contrasts with red fruits that ripen in fall and persist into winter.</p> <p>Easily grown in acidic, moist, well-drained soils in full sun to part shade. Mulch will help retain soil moisture and deter weed growth.</p> <p>Hollies are dioecious (separate male and female plants). To set fruit, female plants like 'Dragon Lady' need a nearby male pollinator such as 'Blue Stallion' or 'Blue Prince'.</p>
Woody: Evergreen	Juniperus scopulorum 'Blue Arrow'	Colorado Redcedar	Year Round	Full Sun	10-15' x 4-6'	<p>Probably the best blue pencil-shaped conifer available. With its showy powdery blue foliage and silver-blue juniper berries Blue Arrow adds color and texture contrast in the garden.</p> <p>Very easy to grow and very low maintenance. It prefers full sun and is not picky about soil type or pH as long as the soil is well-drained.</p> <p>It is tolerant of dry soil, drought, salt, and windy sites. It never requires pruning unless you want to shear it for a more formal look.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Woody: Evergreen	Juniperus scopulorum 'Wichita Blue'	Colorado Redcedar	Year Round	Full Sun	10-15' x 4-6'	<p>Wichita Blue Juniper has stunning bright silvery-blue foliage and a upright pyramidal form. Excellent for use as a focal specimen or topiary, for privacy screens, foundation plantings, corners and entryways and in large pots.</p> <p>Easy to grow and low maintenance. It prefers full sun and is not picky about soil type as long as it is well-drained.</p> <p>Tolerant of dry soil, drought, salt, and windy sites. It never requires pruning unless you want a more formal look or as a topiary. This is a male, nonfruiting selection.</p>
Woody: Evergreen	Kalmia angustifolia 'Royal Dwarf'	Sheep Laurel	Summer	Sun to Partial Shade	1-3' x 5'	<p>An elegant small shrub related to rhododendrons, Sheep Laurel has similar showy flower clusters. The rosy pink flowers are chalice-shaped with 5 starlike points. The leathery dark green leaves are evergreen.</p> <p>It prefers rich, well-drained soil with regular water. It tolerates shade but blooms better in sun. Plants spread by rooting branches that touch the ground.</p> <p>All parts of the plant are poisonous.</p>
Woody: Evergreen	Kalmia latifolia 'Firecracker'	Mountain Laurel	Spring	Sun to Partial Shade	3' x 2'	<p>An excellent Mountain Laurel with intense red buds that open white and change to pink. It is a compact plant great for foundation plantings or in a woodland garden. The glossy, dark green foliage is attractive year round.</p> <p>Does best in moist acid soils; amend with organic matter and peat moss to improve root growth. This Kalmia is resistant to leaf spot.</p> <p>All parts of the plant are poisonous.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Woody: Evergreen	Kalmia latifolia 'Keepsake'	Mountain Laurel	Late Spring	Partial Shade	4-5' x 4-5'	<p>One of our finest native flowering shrubs, Kalmia is also one of the hardiest broadleaf evergreens. Kalmia was designated as Pennsylvania's official state flower in 1933.</p> <p>The buds are raspberry-red then open to a solid purplish-burgundy with an attractive white edge. The foliage is outstanding with very glossy, deep bluish green leaves. A well-branched, mounded plant.</p> <p>This species is tolerant of shearing and pruning which is best done just as flowering season ends to enable the new growth to set flower buds for the next year.</p> <p>Kalmias require acid, cool, moist well-drained soil. They are easily transplanted because of their shallow root system.</p>
Woody: Evergreen	Kalmia latifolia 'Peppermint'	Mountain Laurel	Year Round	Partial Shade	7-10'	<p>This selection forms a dense, rounded shrub. Flowers, borne in early summer have a red center with red candy striping radiating from the center like the spokes of a wheel.</p> <p>Mountain laurels are popular for their glossy, evergreen foliage. They flower best in sunny locations and require cool, acid, moist, well-drained soil.</p>
Woody: Evergreen	Leucothoë fontanesiana 'Zeblid' Scarletta™	Drooping Leucothoe	Year Round	Partial Shade to Shade	2-3' x 2-3'	<p>'Zeblid' is more compact and symmetrical than the species.</p> <p>A small evergreen shrub, 'Zeblid' boasts beautiful new scarlet foliage bursting out of the deep green leaves in the spring. Drooping spikes of creamy white flowers appear in mid-spring. Burgundy fall color deepens to purplish red in winter.</p> <p>Best grown in moist well-drained soil in part shade. Tolerates full shade. Does not like drought or windy areas. Plants will sucker to form colonies over time.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Woody: Evergreen	Magnolia grandiflora 'Bracken's Brown Beauty'	Southern Magnolia	Late Spring	Sun to Partial Shade	40' x 20'	<p>Magnolia 'Bracken's Brown Beauty' is one of the best cultivars of Southern Magnolias. It is quite compact, dense and full. Leaves are 6" long, glossy dark green with rust colored undersides. Fragrant white flowers are 6" in diameter. Fruits are 2-3" long. '</p> <p>Bracken's Brown Beauty' is one of the most cold tolerant of the Southern Magnolias.</p> <p>Prefers rich, moist, well drained, acid soil. Protect from winter winds.</p>
Woody: Evergreen	Mahonia bealei	Leatherleaf Mahonia	Year Round	Partial Shade	12'	<p>This plant is bold and dramatic in the landscape. Leathery compound leaves, up to 16" in length, are held stiffly horizontal on the shrub. Extremely fragrant lemon-yellow flowers are born in clusters 6" high and wide in February and March.</p> <p>These flowers are followed by clusters of grape-like blue fruits in June.</p> <p>Prefers moist, well-drained, acid soil and protection from high winds.</p>
Woody: Evergreen	Mahonia japonica	Creeping Mahonia	Year Round	Partial Shade to Shade	3-4' x 4-7'	<p>Mahonia japonica is a medium sized evergreen shrub native to northeastern China. M. japonica has large, spined, leathery glossy dark green leaves and small, fragrant light yellow flowers in spreading or drooping sprays from late autumn to early spring, followed by blue-black berries that develop in spring and summer.</p> <p>The plant will produce new shoots regularly from the base, so that it is clothed in foliage at all levels. It is a slow grower.</p> <p>Grow in any well-drained or moist but well-drained soil in shade or partial shade. Good for a woodland setting.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Woody: Evergreen	Pieris japonica 'Valley Rose'	Japanese Pieris	Spring	Sun to Partial Shade	5' x 3'	<p>'Valley Rose' has striking, two-toned flowers. Each tiny, urn-shaped bloom has a deep rose pink cap that fades to blushed white at the tip. The flowers gracefully cascade down, almost hiding the evergreen foliage. As the flowers fade, bronzy new growth adds an extra sparkle to the garden.</p> <p>Easy to grow in rich well-drained or sandy soil. Will tolerate clay soil if the drainage is adequate. Give it sun to light shade for best flowering and growth. Strong disease resistance.</p>
Woody: Evergreen	Pseudotsuga menziesii	Douglas Fir	Year Round	Sun to Partial Shade	50-80' x 15-25'	<p>The Douglas Fir is a beloved tree of Pacific Northwest forests, a favorite Christmas tree, and top choice of timber producers. Douglas fir makes a fine landscape tree where space is ample.</p> <p>Dark green to blue-green needles give off an invigorating fragrance. Dense foliage and symmetrical, pyramidal form make this tree an attractive ornamental. Grows fast, 12"+ annually.</p> <p>A particularly hardy tree, it grows in a variety of soils from moist to dry, and is not bothered by pests or diseases.</p>
Woody: Edible	Asimina triloba	Pawpaw	Fall	Sun to Partial Shade	15-20'	<p>Interesting native tree which, could be used for naturalizing in moist, deep soils along streams. The fruits have a sweet, banana-like flavor and are eaten by man and animal. Fall color is often a clear yellow.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Woody: Edible	Lycium barbarum 'SMNDBL' Big Lifeberry®	Goji Berry	Summer to Fall	Sun to Partial Shade	4-6' x 4-6'	<p>Goji Berry, also known as Wolfberry, is esteemed for its highly nutritious fruit produced on a sprawling shrub with long, flexible canes and clusters of small, grey-green leaves.</p> <p>The royal purple flowers appear in late spring to early summer along the length of the canes, giving rise to juicy, bright red fruits which grow sweeter as they mature. These fruits, which resemble small peppers, mature in early fall and can be eaten fresh, juiced, or dried. Goji plants continue to flower and produce fruit through the first heavy frost.</p> <p>Like the tomato, the Goji Berry is a member of the Nightshade family, Solanaceae, so eating anything but the fruit could cause an allergic reaction. In Asia the leaves, flowers, and root bark are all used medicinally.</p>
Woody: Edible	Prunus japonica x jacquemontii 'Joel'	Bush Cherry	Spring to Summer	Sun to Partial Shade	4' x 3'	<p>This is a mid season ripening Bush Cherry that produces firm-fleshed tart cherries loaded with antioxidants.</p> <p>Pink flowers appear in spring followed by fruit in late summer. Vigorous bushes produce up to 10 pounds of small cherries per bush. The fruit is terrific in jams, jellies, and pies.</p> <p>Grows in any soil type as long as it is well-drained. It has good disease resistance. It makes a great specimen or hedge, has beautiful blooms and rich fall color.</p>
Woody: Edible	Rubus idaeus 'Heritage'	Raspberry	Summer to Fall	Sun to Partial Shade	5' x 2'	<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>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Woody: Edible	Rubus ursinus x idaeus 'Boysenberry'	Boysenberry	Winter to Spring	Sun to Partial Shade	4' x 20'	<p>A boysenberry is a cross between a European raspberry , a common blackberry, and a loganberry resulting in a delicious, aggregate fruit with large seeds and a deep maroon color.</p> <p>A bramble bush consisting of long trailing canes, boysenberry can grow to 20 feet in length. It produces broadly ovate leaves with white undersides. The plants reach full production of the rich, sweet, tart fruits after about 3 years.</p> <p>Erect strong trellising to take the weight of the growing canes and train them on to it as they develop the following year. Fruiting will occur in December and fruits should be picked every 4-5 days.</p> <p>Grow in any acidic to slightly acidic, well drained soil.</p>
Woody: Edible	Sambucus canadensis 'Adams'	American Elder	Spring	Sun to Partial Shade	8-10' x 8-10'	<p>Attractive thicket-forming shrub with large flat-topped clusters of small, fragrant flowers in spring. Huge clusters of dark purple berries follow in late summer to fall. Edible fruits are delicious in pies and jellies and make great wine. Wildlife love them, too.</p> <p>For good fruit production, provide rich moist soil and a second variety, such as 'Johns', for good pollination. Otherwise, they will tolerate about any conditions you can throw their way.</p>
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TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Woody: Edible	Vaccinium angustifolium 'Brunswick'	Lowbush Blueberry	Summer	Sun to Partial Shade	1' x 2'	<p>Showy white flowers bloom in May. Equally showy reddish, bronze fall color. Small and sweet sky-blue fruit matures in mid to late summer.</p> <p>Useful in a shrub border, excellent fall color, edible fruit, and to attract wildlife.</p> <p>Ideal soil is moist, high in organic matter and well-drained, pH must be very acidic (4.5 to 5.5). Mulch around the roots. Sandy soils with adequate moisture support good growth, full sun to partial shade, more sun translates into more blooms, more fruit and enhanced fall foliage color.</p>
Woody: Edible	Vaccinium corymbosum 'Duke'	Highbush Blueberry	Spring to Fall	Sun to Partial Shade	4-6' x 5-8'	<p>Duke Blueberry is a highbush variety with a heavy, consistent yield. Early season berries are light blue with a tart-sweet flavor.</p> <p>Blueberries are easy to grow, and adapts to most conditions. Prefers sun and acid soil.</p> <p>Vaccinium corymbosum or North American highbush blueberry is mainly thought of as a production shrub for agricultural crops. But in fact it is one of the most ornamentally beautiful shrubs for landscaping purposes, with corymbs of white urn-flowers in late spring, dark blue summer berries as pretty as they are tasty, fabulous autumn leaf color, &amp; shreddy bark on older shrubs interesting even in winter.</p>
Woody: Edible	Vaccinium corymbosum 'Patriot'	Highbush Blueberry	Summer to Fall	Sun to Partial Shade	5-7' x 5-7'	<p>Vaccinium corymbosum is a deciduous shrub with edible berries. Clusters of dainty, waxy, bell-shaped, white flowers bloom in spring. Prized not only for its early crop of large, sweet blueberries, but also its profusion of pink-tinged white flowers. Multi-stemmed shrub has lovely yellow, bronze and red fall color. An excellent hedge or specimen.</p> <p>It is well adapted to a variety of growing conditions but grows best in wooded areas in moist acidic soils.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Woody: Edible	Vaccinium corymbosum 'Sweetheart'	Highbush Blueberry	Summer to Fall	Sun to Partial Shade	4-6' x 3-6'	<p>'Sweetheart' is the first re-bearing blueberry and is self-pollinating.</p> <p>This attractive shrub bears white to light pink bell-shaped flowers in spring and again in late summer. Produces a heavy crop in early summer and then a second, lighter crop in late summer. Glossy dark green leaves turn brilliant red, yellow, and/or orange in fall.</p> <p>Given moist, acidic soil conditions, blueberries will reward you with an abundance of medium sized sweet, juicy berries.</p>
Woody: Edible	Vaccinium corymbosum x angustifolium 'Top Hat'	Hybrid Blueberry	Spring to Summer	Sun to Partial Shade	1-2' x 1-2'	<p>This pint-sized cultivar bears masses of sweet, sky blue berries in early to mid summer. The white blooms are quite ornamental and comparatively huge on the tiny plant. Then in fall the foliage turns bright red and orange before dropping.</p> <p>Give this little beauty acidic soil and evenly moist conditions. Due to its size it works well in containers as well as in the garden. Yields are greater when a second variety is nearby.</p>
Woody: Edible	Vaccinium x 'Pink Lemonade'	Blueberry	Year Round	Sun to Partial Shade	5' x 5'	<p>'Pink Lemonade' brings blueberries to a whole new level! This mid to late season blueberry has bright, showy, pink fruit with a mild flavor. The fruit is ripe when it is deep pink in color. Leaves put on a display of color in the fall, and in the winter the twigs turn an attractive reddish-brown. 'Pink Lemonade' provides four seasons of delight for your garden and is a vigorous grower.</p> <p>Berry color and flavor will attract both gourmet cooks and those seeking a culinary novelty, however, it is the beauty of the plant, its rosy fruit and vigorous habit that will earn the respect of gardeners everywhere.</p> <p>All blueberries require acid soils for optimal growing conditions.</p>
Perennial: not Grass/Fern	Achillea millefolium 'Paprika'	Common Yarrow	Summer to Fall	Full Sun	24-28"	<p>The selection 'Paprika' sports ruby red flowers with yellow centers borne in flat-topped clusters atop very finely divided foliage.</p> <p>All Achilleas must have full sun and a well-drained soil. They have the ability to withstand poor soil and droughty conditions.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Achillea millefolium 'Terra Cotta'	Yarrow	Summer	Full Sun	2-3' x 2'	<p>Yarrows are among the best perennials for planting in hot, dry and sunny locations, providing good color throughout the summer months. This hybrid features salmon-pink flowers that age to rusty terracotta orange, then creamy yellow.</p> <p>Delicate, fern-like leaves produce an airy effect and are fragrant when crushed. Tiny flowers are densely packed in large, flat-topped, terminal flower clusters 2-4" across. Excellent as cut flowers, fresh or dried. Remove spent flowers regularly to promote continued blooming. Easily divided in fall or early spring.</p> <p>Easily grown in average, dry to medium, well-drained soil in full sun. Tolerant of heat and humidity, but flower color may fade in extended, hot summer weather. Drought tolerant once established. Tends to spread quickly; divide when overcrowded.</p>
Perennial: not Grass/Fern	Aconitum uncinatum	Southern Blue Monkshood	Fall	Partial Shade	4-6'	<p>As the growing season comes to a close with the approach of autumn, there's one more surprise awaiting the gardener. Climbing monkshood, with its deeply lobed leaves and brilliant blue, hooded flowers bursts into flower in mid-September.</p> <p>Twining delicately through shrubs, this shade-loving perennial vine is a great late-season companion. Climbing monkshood performs best where its roots are shaded from the mid-day sun and there is access to even moisture in slightly acidic to neutral organic soils. It will grow up to 6' tall in one season before dying back.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Acorus gramineus 'Minimus Aurea'	Sweetflag	Spring to Fall	Sun to Partial Shade	4-6"	<p>This grassy-leaved sweet flag cultivar looks like a grass but is actually a member of the arum family. The tufts of yellow grassy-like leaf blades slowly spread by creeping roots to form a mat of golden foliage. Foliage is sweetly fragrant. Flowers are insignificant.</p> <p>Can be quite effective when planted between stepping stones (foot traffic stimulates aromatic release). Also effective in rock gardens or border fronts or as small landscape accents as long as the soil moisture requirements can be met.</p> <p>Needs moist soils and can grow in shallow water. Mass as a golden groundcover in small areas of water gardens, along streams or ponds or in moist open woodland gardens.</p>
Perennial: not Grass/Fern	Actaea (Cimicifuga) pachypoda	White Baneberry	Summer to Fall	Partial Shade to Shade	30" x 30"	<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: not Grass/Fern	Actaea (Cimicifuga) pachypoda 'Misty Blue'	White Baneberry	Spring	Partial Shade	30" x 20"	<p>Actaea 'Misty Blue' is a fabulous Mt. Cuba selection of the native East Coast woodlander, Actaea pachypoda. Actaea 'Misty Blue' has glaucous, pewter colored, pinnate foliage compared to the typical green.</p> <p>The tall clumps are topped in spring with short stalks of white flowers, followed by really cool ornamental white berries attached by bright red stems.</p> <p>You're going to love this amazing actaea selection. Plant it in a light shade site with moist, but well-drained soil.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Actaea (Cimicifuga) racemosa	Bugbane	Summer	Partial Shade	6' x 4'	<p>Actaea racemosa is a native woodland perennial with white, somewhat fuzzy flowers in midsummer that wave above astilbe-like, deeply cut foliage. The flowers can be unpleasantly scented, thus the name "bugbane." Formerly in the genus Cimicifuga, this plant is great for use in a woodland garden or moist border.</p> <p>Two-foot-tall racemes of white, bottlebrush flowers. Native to eastern North America.</p> <p>Plant in moist, fertile, organically rich soil in partial shade. Provide support if necessary.</p>
Perennial: not Grass/Fern	Agastache foeniculum 'Golden Jubilee'	Anise Hyssop	Mid Summer	Sun	20" x 20"	<p>The licorice scented chartreuse-yellow foliage makes this plant an attention-getter all season. In mid-summer blue flower spikes appear, attracting both butterflies and hummingbirds.</p> <p>Tolerant of dry conditions, it thrives with very little attention. All-America Selections Gold Medal Winner in 2003.</p>
Perennial: not Grass/Fern	Allium cernuum	Nodding Onion	Summer	Sun to Partial Shade	12-18"	<p>Nodding wild onion (cernuum in Latin means nodding) features clumps of flat, narrow, grass-like leaves and tiny bell-shaped, pink to lilac pink (occasionally white) flowers in summer which appear in loose, nodding clusters atop erect, leafless scapes rising slightly above the foliage. All parts of this plant have an oniony smell when cut or bruised. Although the bulbs and leaves of this plant were once used in cooking or eaten raw, it is not generally considered to be of culinary value today. Easily grown in average, dry to medium, well-drained soil in full sun to light shade. Best in full sun, but appreciates some light afternoon shade in hot summer climates. Plants will naturalize by self-seeding and bulb offsets in optimum growing conditions.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Allium tricoccum	Ramps	Spring to Summer	Partial Shade to Shade	6-12" x 8"	<p>Ramps are native to the Eastern United States. They prefer rich, moist soils in dappled sun. The lily-of-the-valley-like leaves emerge in the spring from bulbs. The leaves fade by summer, followed by a small rounded umbel of white flowers.</p> <p>Ramps were traditionally consumed as the season's first "greens". They provided necessary vitamins and minerals following long winter months with no fresh vegetables. The bulbs are also edible, tasting like spring onions with a garlic aroma. Due to overharvesting, ramps are protected species in some states.</p>
Perennial: not Grass/Fern	Amsonia hubrichtii	Bluestar	Early Summer	Partial Shade	28"	<p>This uncommon species features very finely textured foliage that just begs to be touched. Unusual steel-blue flowers bloom in June. The show really heats up with the incredible fall color as the leaves change to a striking fire yellow orange.</p> <p>This native plant is an excellent low maintenance perennial for moist, fertile soils.</p>
Perennial: not Grass/Fern	Amsonia tabernaemont ana	Eastern Bluestar	Spring to Fall	Sun to Partial Shade	2-3' x 2-3'	<p>Amsonia is an attractive native with pyramidal clusters of 3/4", soft light-blue, star-like flowers in late spring. This clump-forming plant features erect, stout leafy stems. The narrow, willow-shaped, medium-green foliage often turns an attractive yellow in fall.</p> <p>Eastern Bluestar is easily grown in medium, well-drained, moist, loamy soil but tolerates some drought. When grown in full sun, plants often require no pruning or staking but when grown in some shade and/or in rich soils, however, plants tend to become more open and floppy and often require staking or pruning. For a neater appearance, particularly for shade-grown plants, consider cutting back stems by 1/2 to 1/3 after flowering to promote bushy growth and, if desired, a more rounded foliage mound.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Amsonia tabernaemontana 'Blue Ice'	Hybrid Amsonia	Summer to Fall	Sun to Partial Shade	15"	<p>This long-blooming, compact Amsonia blooms longer and stronger than any species Amsonia. This beauty is a very compact plant with clusters of star-shaped flowers of a deep lavender-blue shade; much richer than the steel blue for which Amsonias are known.</p> <p>This low grower makes an ideal edging plant, for it has no down time. Blue flowers in May and June, golden yellow fall color, and shiny, willow-shaped leaves all season long. In full sun or partial shade and evenly moist, slightly acidic soil, it brings a soothing presence to the front of the border year after year and asks little in return. It is a first-rate garden plant.</p>
Perennial: not Grass/Fern	Anemone x hybrida 'Queen Charlotte'	Hybrid Anemone	Fall	Partial Shade	2-3'x 2-2.5'	<p>These award winning semi-double Japanese Anemones are perfect for areas of partial shade. Dark green foliage sets off the pink 3" semi double flowers. Once established 'Queen Charlotte' will naturalize by root runners. Hostas and astibles are good companion plants. Plant in moist well drained soil, avoid windy sites and standing water. Staking will enhance good looks.</p>
Perennial: not Grass/Fern	Anemone x hybrida 'Serenade'	Hybrid Anemone	Summer to Fall	Partial Shade	2-3' x 2'	<p>Anemones are outstanding plants for the late summer and fall garden. Double, deep pink flowers stand tall above the lush foliage. Makes a charming addition to containers, borders, and woodland gardens. 'Serenade' is used as a commercial cut flower.</p> <p>Best planted in partial shade with protection from wind. Given rich, moist, well drained soil, it will spread to form a large patch.</p>
Perennial: not Grass/Fern	Aquilegia canadensis	Wild Columbine	Spring	Sun to Partial Shade	24"	<p>This is an erect, branching perennial, up to 2' tall, well-known for its showy flowers. A nodding, red and yellow flower with upward spurred petals alternating with spreading, colored sepals and numerous yellow stamens hanging below the petals.</p> <p>The compound leaves, divided into round-lobed threes, are attractive in their own right.</p> <p>The plant self-sows readily and will delightfully colonize this woodlans or open slopes. Prefers good drainage.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Aquilegia canadensis 'Corbett'	Wild Columbine	Spring	Partial Shade	18 inches tall	This cultivar is a selection of our native columbine. It features clear yellow flowers that are carried delicately on thin wiry stems. It is somewhat more compact and tends to flower more heavily than the species. Like its parent, this plant is not as susceptible to leaf miner as other columbines.
Perennial: not Grass/Fern	Aquilegia canadensis 'Pink Lanterns'	Wild Columbine	Spring	Sun to Partial Shade	10-12" x 10-12"	<p>This is a more compact version of the wild columbine and is ideal for edging beds or pathways.</p> <p>Sprays of flowers emerge in late Spring from attractive mounds of fern-like foliage. The delicate flowers have pink outer petals surrounding a straw-colored center.</p> <p>Columbine will grow in variety of soils except for poorly drained ones. They will self sow and naturalize.</p>
Perennial: not Grass/Fern	Arisaema draconitium	Jack-in-the-Pulpit	Early Spring	Shade	1-3'	<p>Sometimes known as a Green Dragon plant, it is an interesting native wildflower for early spring bloom and fruit. It is light green with an arch of long leaflets at the top of the stem. The flower is a fleshy sheath with a long spath.</p> <p>Fruits resemble a short corn-cob, kernals turn showy orange and red. These weird and wonderful perennials go dormant after fruiting, so fill the space with hostas to mark the location.</p> <p>Requires moist but well-drained soil.</p>
Perennial: not Grass/Fern	Arisaema triphyllum	Jack-in-the-Pulpit	May-June	Partial Shade	16-20"	<p>One of the most desireable wildflowers of North American Woodlands. One or two green leaves are divided into three leaflets. A long purple-green spath (the pulpit) encloses a slender spadix (jack). After the flower fades, berries are produced that ripen to a bright scarlet in the fall.</p> <p>Prefers woodland conditions with cool, moist, humus rich soil.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Artemisia schmidtiana 'Silver Mound'	Wormwood	Late Summer	Full Sun	6-12" x 18"	<p>Artemisia schmidtiana 'Silver Mound' has a domed, neat habit and finely cut silvery 2" leaves.</p> <p>Fragrant leaves and creamy white flowers make this perennial herb ideal as an edging plant, for the rock garden or the sunny border.</p> <p>Overfeeding and too much shade cause the slender grass like stems to flop over exposing the center. Removing the tiny dislike flowers helps maintain the plants symmetry. Reproduce by spring division or summer stem cuttings consisting of the leaf, petiole and a piece of stem.</p>
Perennial: not Grass/Fern	Aruncus dioicus	Goat's Beard	Early Summer	Sun to Partial Shade	46"	<p>A commanding specimen for the back of the border, this species features green compound leaves topped off by loose plumes of creamy white.</p> <p>Its display is like an astilbe on steroids.</p>
Perennial: not Grass/Fern	Asarum canadense	Wild Ginger	Spring	Partial Shade	1"	<p>Kidney-shaped, leathery, dark green leaves somewhat hide the mahogany-purple-brown, pitcher shaped flowers with tail-like lobes.</p> <p>This is a woodland plant, native to North America.</p>
Perennial: not Grass/Fern	Asarum splendens 'Quicksilver'	Showy Sichuan Ginger	Spring to Winter	Partial Shade to Shade	5-10" x 12"	<p>Silver highlights on deep green foliage creates a shimmering effect in shady, woodland gardens. Spreads to form a stunning groundcover. The interesting purple-brown flowers appear in spring but are hidden below the heart-shaped leaves.</p> <p>Ginger prefers consistently moist soil in at least partial shade. It may remain evergreen in mild winters.</p>
Perennial: not Grass/Fern	Asclepias incarnata	Swamp Milkweed	Early Summer	Sun to Partial Shade	3-4'	<p>Swamp milkweed, true to its name, prefers consistently moist soil, but performs admirably in average, well-drained gardens as well.</p> <p>Full sun is best and some shade is tolerated. Clusters of upturned pink flowers draw butterflies in June and July.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Asclepias incarnata 'Ice Ballet'	Swamp Milkweed	Summer	Full Sun	38-42"	<p>This white flowered selection of our native swamp milkweed is long lasting and of easy cultivation. Clusters of white flowers are followed by the distinctive milkweed pod.</p> <p>Will do well in any good soil, but especially a moist one. Like it's cousin, the butterfly weed, it is a great butterfly plant.</p>
Perennial: not Grass/Fern	Asclepias tuberosa	Butterfly Weed	Summer	Full Sun	18-24"	<p>Butterfly weed is a tuberous rooted, native perennial which occurs in dry/rocky open woods, glades, prairies, fields and roadsides. It features clusters of bright orange to yellow-orange flowers atop upright to reclining, hairy stems with narrow, lance-shaped leaves. Flowers give way to prominent, spindle-shaped seed pods (3-6" long) which split open when ripe releasing numerous silky-tailed seeds for dispersal by the wind. Seed pods are valued in dried flower arrangements.</p> <p>Flowers are a nectar source for many butterflies and leaves are a food source for monarch butterfly larvae (caterpillars).</p>
Perennial: not Grass/Fern	Asclepias tuberosa 'Gay Butterflies'	Butterfly Weed	Summer	Full Sun	24" x 12-18"	<p>This plant is a trouble-free wonder in the sunny garden, blooming unchecked through the most severe heat and drought.</p> <p>Blooms are borne in dense, flattened clusters atop the erect plant stems. The blossoms, in shades of orange, red, pink, or lemon yellow, are irresistible to butterflies and last several weeks. The foliage is also an important food source for Monarch Butterfly larva. Makes a great cut flower.</p> <p>Grows in average to poor soils and tolerates drought.</p>
Perennial: not Grass/Fern	Asparagus officinalis 'Purple Passion'	Asparagus	Spring to Summer	Sun to Partial Shade	3' x 4'	<p>Purple Passion is the creme de la creme of the gourmet asparagus world. Chefs say this is the best tasting asparagus to be found on any continent.</p> <p>Purple Passion bears purplish colored spears measuring up to 3/4 inches in diameter. Though it takes up space in the garden and time for establishment, no other vegetable gives you as much in return as asparagus. The tall, feathery fronds blend nicely with other perennials and if well established, a bed can produce for up to 15 years.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Astilbe chinensis 'Purple Candle' ( 'Purpurkerze' )	Chinese Astilbe	Late Summer	Partial Shade	3'	Another tall, long-blooming selection of astilbe to brighten the shade garden. Large, thick plumes of deep rose-purple flowers top the thick red-bronze, lightly fuzzy foliage. This carefree show stopper will perform best in a moist, well-drained garden soil.
Perennial: not Grass/Fern	Astilbe chinensis var. taquetii 'Superba'	Chinese Astilbe	Summer	Partial Shade to Shade	24-48" x 18-24"	<p>'Superba' is very tall and one of the latest to bloom of the species with fluffy spires of spectacular rose-purple blooms which tend to remain attractive all season.</p> <p>The foliage emerges with a bold mahogany-red hue and matures to green. One of the best perennials for woodland plantings, they're also lovely cut flowers.</p> <p>Astilbe are a popular choice for shady gardens, where they perform well if given a rich, moist soil and regular watering. Although Chinese astilbes have better drought tolerance than most other astilbes, they still do best with uniformly moist soils. Mulch added in summer helps retain soil moisture. No serious insect or disease problems.</p>
Perennial: not Grass/Fern	Astilbe chinensis 'Visions in Red'	Chinese Astilbe	Summer	Partial Shade	18"	<p>This is the latest addition to the 'Visions' range of Astilbes with pinky-red flowers opening from deep red buds over luscious bronze-green foliage. This is a mid height Astilbe and a mid to late season bloomer.</p> <p>Astilbe are excellent for borders, containers, shade gardens or the edges of ponds. They made good cut or dried flowers.</p> <p>Grows best in partial shade in organically rich, moist soil.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Astilbe simplicifolia 'Key West'	Star Astilbe	Spring to Fall	Partial Shade to Shade	14" x 14"	<p>Key West is a new dwarf astilbe with great color in both flower and foliage. Finely dissected, fern-like foliage emerges red, then turns burgundy-bronze with a narrow, red edge, complementing the shimmering pinkish-red bloom color.</p> <p>This is a vigorous grower, great for containers or in the garden. Key West is perfect to use for edgings, along garden pathways, or filling in small areas in beds and borders because of its compact size. It displays strong stems and lots of buds.</p> <p>Astilbes are long-lived perennials that prefer rich soil and light shade to filtered sun. They will grow in full shade, but will not bloom as prolifically there. Plants must have consistently moist soil; dryness leads to a quick demise, especially in sun. Plants should be divided in early spring every 3-4 years to maintain vigor.</p>
Perennial: not Grass/Fern	Astilbe x rosea 'Peach Blossom'	Rose Astilbe	Early Summer	Partial Shade	24-36"	<p>Astilbes are care free garden plants if given ample moisture, light shade and rich soil. The selection 'Peach Blossom' sports plumes of light salmon-pink flowers atop ferny foliage in early summer.</p>
Perennial: not Grass/Fern	Baptisia 'Purple Smoke'	Hybrid Wild Indigo	May-June	Full Sun	30-36"	<p>This is a long-lived perennial that forms a deep tap root; it resents transplanting once it has become established (choose your location wisely).</p> <p>It will grow into a rather large clump, at least as wide as tall. This cultivar, introduced from the North Carolina Botanical Garden, was selected for it's charcoal colored stems that give rise to purple-blue flowers; a plant that will delight for many years to come.</p> <p>Prefers a neutral, well-drained soil in full sun and will benefit from deep watering during dry spells.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Baptisia australis	False Blue Indigo	Summer	Sun to Partial Shade	3-4' x 3-4'	<p>Baptisia is a magnificent long lived native plant. It forms large clumps with extensive root systems if left undisturbed. In spring indigo-blue pea like flowers rise on 3' spikes. These last for up to four weeks. Showy 2" seed pods of black or dark brown develop after flowering. Leaves are gray-green small and rounded.</p> <p>The seed pods are ornamental in dried flower arrangements.</p> <p>This is a low maintenance plant requiring dry to medium conditions. It prefers deep rich soil.</p>
Perennial: not Grass/Fern	Baptisia 'Solar Flare' Prairieblues™	False Indigo	Late Spring	Full Sun	4' x 4'	<p>Another first from the Chicago Botanic Garden's Dr. Jim Ault, who developed this surprising new bicolor, Solar Flare, from hybrids of our native False Indigo. This plant boasts a striking upright, vase-shaped habit at its base with a dense broad head above. Extremely vigorous, a mature plant will produce over 100 stems. The exposed lower stems and foliage remain an attractive blue-green all summer. The plant covers itself in inflorescences 12" to 18" in length, which are held well above the foliage. Flowers, appearing in early June, initially open a pleasing lemon-yellow color, taking on a unique orange blush with age.</p> <p>They look attractive on their own against walls and fences, or combined in a border with other June bloomers such as Achillea, Aquilegia, Geranium, and Roses.</p>
Perennial: not Grass/Fern	Baptisia sphaerocarpa	False Yellow Indigo	Spring	Sun	2-3' x 3'	<p>False Yellow Indigo is one of those indispensable long-lived plants like peonies and Gas Plant (Dictamnus). It has dark blue-green clover like leaves and pure yellow pea-like flowers on 12-15" spires. Later it develops curious spherical tan seed pods which extend the season of interest.</p> <p>A mature plant is an impressive sight. It is one of our tolerant natives but prefers rich well-drained soil, place it carefully as it is best left undisturbed.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Baptisia tinctoria	Wild Indigo	Summer	Sun to Partial Shade	2-3' x 2-3'	<p>This native plant is easily grown even in poor soils and is drought tolerant. A shrubby perennial, Wild Indigo features yellow pea-like flower clusters held above clover-like foliage. Clumps will slowly expand and develop deep and extensive root systems which should not be disturbed.</p> <p>Wild Indigo is a dye plant used by early Americans as a substitute for true indigo (genus Indigofera).</p>
Perennial: not Grass/Fern	Brunnera macrophylla 'Dawson's White'	Siberian Bugloss	Spring	Partial Shade to Shade	12-18" x 12-24"	<p>'Dawson's White' cultivar has heart-shaped, deep green leaves boldly edged with creamy-white that provide interest all season long. Bouquets of small blue flowers add to its appeal in spring. Clumps spread to form an attractive groundcover.</p> <p>Preferring some shade and moisture, Siberian bugloss is at home by water's edge, en masse in the border, or as filler between newly planted shrubs.</p>
Perennial: not Grass/Fern	Camassia cusickii	Wild Hyacinth	Late Spring- Early Summer	Sun to Partial Shade	24-36"	<p>Wild Hyacinth is native to Oregon. The edible bulbs of these North American lilies were called kamas by the Native Americans, this name was latinized to Camassia. They were a staple of the indigenous people and sustained the Lewis and Clarke expedition in 1804-06.</p> <p>Flower spikes are starry spikes of wisteria blue with glaucous, wavy green leaves. The bulbs will naturalize in moist soils or near ponds or streams.</p>
Perennial: not Grass/Fern	Camassia leichtlinii subsp. suksdorfii	Camass	Spring	Sun to Partial Shade	2-4' x 1-2'	<p>This delightful native is well suited to sunny perennial gardens, pond edges, containers, or left to naturalize in meadows. Upright flower spikes of star-shaped violet flowers push through the grassy leaves of this bulbous perennial in spring.</p> <p>Camass needs regular moisture during spring growth and bloom but will tolerate drier conditions after bloom.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Cardamine (Dentaria) concatenata (laciniata)	Cutleaf Toothwort	Spring	Partial Shade to Shade	4-8"	<p>Cutleaf Toothwort is one of the first plants to bloom in spring. It will have dozens of white to pale-pink flowers covering a healthy colony of plants just a few years after transplant or division.</p> <p>The flowers are quite fragrant.</p> <p>The foliage turns yellow and fades away by the end of spring. Typically grows in dappled sunlight before the trees leaf out.</p>
Perennial: not Grass/Fern	Cardamine (Dentaria) maxima	Large Toothwort	Spring	Partial Shade	10-12" x 10-12"	<p>This unusual toothwort, found in moist rich woods from ME south to KY, is thought to be a sterile hybrid between <i>D. diphylla</i> and <i>D. laciniata</i>. <i>Dentaria maxima</i> is a synonym.</p> <p>The rich olive-green three-lobed leaves emerge in fall and make a slowly spreading clump to 3' in 7 years. In spring the clumps are topped with 10" stalks of 1/2" white flowers. After flowering, the foliage remains attractive until late summer when it goes dormant.</p> <p>Large Toothwort is a very easy-to-grow perennial plant for the winter/spring woodland garden. Prefers moist soils.</p>
Perennial: not Grass/Fern	Chelone glabra	White Turtlehead	Late Summer	Sun to Partial Shade	23-35" x 18-23"	<p><i>Chelone glabra</i> is a native wildflower that forms an upright bushy mound of green foliage with upright stems of large, white hooded flowers. Foliage is narrow with 3-6" sharply toothed paired leaves.</p> <p>Prefers moist wet site, it is lovely at the waterside. Beautiful planted with the more common pink flowered <i>Chelone</i>.</p>
Perennial: not Grass/Fern	Chelone lyonii 'Tiny Tortuga'	Dwarf Turtlehead	Summer	Sun to Partial Shade	12-16" x 10-14"	<p>This compact selection has all the flower power of its taller brothers. It features uniquely shaped hot pink blooms atop lustrous dark green leaves with a bronzy sheen. Its size makes it ideal for growing in pots as well in perennial borders.</p> <p>Best in a moist or wet site, it also adapts well to average border conditions. Excellent for cut flowers.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Chrysogonum virginianum	Goldenstar	Spring to Fall	Partial Shade to Shade	3-4" x 18"	<p>Goldenstar, is a rhizomatous, low-growing perennial that is native to woodland areas from Pennsylvania to Florida. It's common name is in reference to the star-like shape of the 5-petaled flowers. The bright yellow flowers bloom spring to fall in cool summer climates. In hot summer climates, bloom is profuse in spring, but usually becomes sparse or stops in the heat of the summer, with a light rebloom occurring in fall.</p> <p>Flowering stems rise above the foliage to a height of 8-10" tall. Each flower has five, rounded, slightly-notched, yellow petals and a center tuft of yellow disk flowers.</p> <p>Easily grown in average, medium moisture, well-drained soils in part shade to full shade. Prefers moist, acidic, organically rich soils in sun-dappled part shade.</p>
Perennial: not Grass/Fern	Chrysogonum virginianum 'Superstar'	Goldenstar	Spring to Summer	Partial Shade to Shade	6-8" x 12-24"	<p>'Superstar' is a low growing native perennial with starry golden daisy-like flowers. Blooms profusely in spring and sporadically after. It forms a thick mat of attractive deep green foliage, making it a great groundcover or edging in shady spots.</p> <p>Plants prefer forest edges and clearings with bright filtered light. Although they grow best in moist but well-drained soils they tolerate dry conditions provided they are protected from hot sun.</p>
Perennial: not Grass/Fern	Chrysogonum virginianum var. australe	Goldenstar	Spring	Partial Shade to Shade	6-8" x 12"	<p>This Goldenstar has a compact and low growing form, with the deepest and shiniest green foliage of them all and typical, star shaped, gold flowers.</p> <p>A favorite native groundcovers for the woodland garden. Yellow daisy-like flowers cover 6" evergreen foliage in spring. Rosettes of leaves slowly spread stoloniferously. Looks great with columbine and Virginia bluebells.</p> <p>Prefers moist well-drained soil.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Coreopsis grandiflora 'Early Sunrise'	Tickseed	Late Spring- Early Summer	Full Sun	2-3' x 1'	<p>Coreopsis grandiflora 'Early Sunrise' is one of the easiest perennials to grow. It is native to the central and southern United States. In 1989 it was the Fleuroselect Gold Medal winner, and was an All American Selection. Large bright yellow semi -double flowers top bushy plants with narrow green leaves. Keep deadheading for better performance.</p> <p>Prefers fertile, well drained soil.</p>
Perennial: not Grass/Fern	Coreopsis 'Jethro Tull' PP18789	Hybrid Coreopsis	Spring to Summer	Sun to Partial Shade	18" x 24"	<p>New from Itsaul Plants, this stunning little guy seems to always be in bloom. A cross between 'Zamphir' and 'Early Sunrise', it has broader fluted petals, a compact habit and an extended flowering season. Its rich golden-yellow blooms appear abundantly in mid-spring and are fade-proof even in the brightest summer sun.</p> <p>Jethro Tull has a compact and low-growing habit reaching only 18 inches tall, perfect for the front of the border or containers. It will draw in butterflies by the hundreds but is unpalatable to deer and other browsing animals. You'll love the way these interesting blooms look in summer arrangements!</p> <p>Grows best under partial to full sun and responds beautifully to cutting back, but will rebloom without it.</p>
Perennial: not Grass/Fern	Coreopsis x 'Redshift' Big Bang™	Red Coreopsis	Summer to Fall	Full Sun	24-30" x 18"	<p>This spectacular selection has flowers that start out butter yellow with deep red centers and streaking toward the outer tips. Color shifts to ruby red as the weather cools. Outstanding for borders, perennial beds, and containers.</p> <p>Very easy to grow; it tolerates a wide range of conditions and is drought tolerant when established. Remove spent flowers to extend bloom period into the fall.</p>
Perennial: not Grass/Fern	Delphinium exaltatum	Tall Larkspur	Early Summer	Partial Shade	3-6'	<p>A blue-flowered Delphinium for bright to average shade, it is native to the woodland glades from Alabama to Pennsylvania. Spikes of spurred blue flowers top 3-6' stems from July to September. A welcome addition to the woodland edge or savanna.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Delphinium tricorne	Dwarf Larkspur	Spring	Partial Shade	12" x 6"	<p>Drifts of vibrant blueviolet bouquets of Dwarf Larkspur create a spectacular display in spring. This woodland native is shorter and blooms earlier than other delphiniums.</p> <p>It prefers moist, well-drained soil and filtered light. Loose clumps of palmately lobed leaves send up stalks of lovely spurred flowers in spring. Dwarf Larkspur naturalizes well in shade gardens.</p>
Perennial: not Grass/Fern	Dicentra cucullaria	Dutchman's Breeches	Mid Spring	Partial Shade to Shade	8-12"	<p>One of our most delightful native spring wildflowers, Dutchman's breeches bears clusters of small white flowers shaped like tiny, upside down, inflated trousers. The delicate, fern-like foliage is similar to our native bleeding heart.</p> <p>Appreciates moist, rich soil. The entire plant goes dormant in the summer.</p>
Perennial: not Grass/Fern	Dicentra eximia	Dwarf Bleeding Heart	Summer	Partial Shade to Shade	10-18"	<p>The fernlike foliage grayish-blue in color provides a beautiful textural quality. Heart shaped blossoms dangle from 12-15" flower scapes throughout summer, with the heaviest bloom in early summer. Graceful specimen plant suitable for the shaded border, a woodland garden or a wildflower garden.</p> <p>Plants tolerate a range of exposures from full sun to shade, but are happiest in a partially shaded site with well drained soil that is rich in organic matter. Dicentra eximia will not tolerate wet soils in winter or dry soils in summer. It does not go dormant and die to the ground in summer as does Dicentra spectabilis (Common Bleeding Heart).</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Digitalis purpurea 'Excelsior Hybrids'	Hybrid Foxglove	Early Summer	Partial Shade	5' x 12"	<p>A most effective and spectacular strain of Foxgloves superb for shady shrub and tree areas, back of borders and excellent for cut flowers. They can really bring the early summer garden alive with their lovely flowers.</p> <p>Perfect for dramatic summer arrangements, this series of foxgloves produces tall spikes of pink, creamy-yellow, mauve, or white flowers that are spotted on the inside with purple. Unlike many other foxgloves, the flowers uniformly encircle the spike and are held straight instead of nodding.</p> <p>Foxglove does best in moist, acidic soil with abundant organic material. It likes partial shade and regular watering. Cut the flowering stalk after blooming and more shoots will grow and bloom later in the season.</p>
Perennial: not Grass/Fern	Digitalis purpurea 'Foxy'	Foxglove	Mid Summer	Sun to Partial Shade	30"	<p>'Foxy,' a shorter variety of the common foxglove, is suitable for smaller gardens and landscapes. The thimble-shaped flowers are arranged on upright spikes and come in an assortment of colors, including purple, pink, maroon, and white – each with a speckled throat.</p> <p>Foxgloves will often re-flower if cut back. Grow in moist, but well-drained soil.</p>
Perennial: not Grass/Fern	Echinacea hybrida 'Cheyenne Spirit'	Coneflower	Summer to Fall	Full Sun	24" x 24"	<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>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Echinacea pallida	Pale Coneflower	Summer to Fall	Full Sun	3-4'	<p>Dark green 3-5" leaves have prominent veins. The 4-6" diameter flowers have dark central cones surrounded by narrow creamy white drooping petals. These are extremely different and interesting flowers.</p> <p>Pinch in late spring to induce branching and so avoid having to stake. Plants prefer lean soil so don't fertilize.</p>
Perennial: not Grass/Fern	Echinacea purpurea	Purple Coneflower	Summer to Fall	Sun	3-4'	<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: not Grass/Fern	Echinacea purpurea 'Magnus'	Purple Coneflower	Summer	Full Sun	36"	<p>Deep rose flowers are larger than on the species and the petals don't seem to droop from the cone. This selection makes a good cut flower and is attractive to butterflies.</p> <p>Perennial Plant Association Plant of the Year, 1998. This selection is featured in the Butterfly River in Tyler's Stopford Family Meadow Maze.</p>
Perennial: not Grass/Fern	Echinacea purpurea 'Pow Wow Wild Berry'	Coneflower	Summer	Sun to Partial Shade	12-36" x 12-18"	<p>Pow Wow is true to its name putting more flowers on every plant that makes a WOW statement. These are well branched with large deep rose-purple flowers in a floriferous bloom from late spring to late summer, sometimes with additional sporadic bloom until frost.</p> <p>The dead flower stems will remain erect well into the winter, and if flower heads are not removed, you will have visits from goldfinches or other birds that feed on the seeds.</p> <p>Easily grown in average, dry to medium moisture, well-drained soils in full sun to part shade. Best in full sun. This is an adaptable plant that is tolerant of drought, heat, humidity and poor soil. Divide clumps when they become overcrowded (about every 4 years).</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Echinacea purpurea 'Rubinstern' Ruby Star	Purple Coneflower	Summer to Fall	Full Sun	2-3' x 2-3'	<p>Echinacea, a North American native, has big, bright flowers that appear from late June until frost. Rubinstern (Ruby Star) is a German bred cultivar with petals that stretch out horizontally from the center cone.</p> <p>It is a vigorous long blooming perennial with some of the darkest rose-red flowers you'll see on a purple coneflower. Be sure to 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>It thrives in average soils in hot, dry conditions and shrugs off cold.</p>
Perennial: not Grass/Fern	Epimedium grandiflorum 'Lilafee'	Barrenwort	Mid Spring	Partial Shade to Shade	8-12"	<p>Exceptionally large, lavender-violet, star-shaped flowers are borne in racemes. Leaves are oval coming to a point, acquiring shades of red and tan during spring and fall.</p>
Perennial: not Grass/Fern	Epimedium x rubrum	Red Alpine Barrenwort	May-June	Partial Shade	10-12"	<p>Epimedium x rubrum is a carpeting perennial with dense heart-shaped, divided leaves on wiry stems. Flowers have a white corolla and yellow spurs. Leaves of this selection are darkly tinted in spring and fall.</p> <p>Epimediums need partial shade to shade and moist, rich soil and compete well with tree roots.</p>
Perennial: not Grass/Fern	Epimedium x versicolor 'Sulphureum'	Yellow Barrenwort	May-June	Partial Shade	12-15"	<p>Epimedium is a carpeting perennial with dense heart-shaped, divided leaves on wiry stems. Flowers are yellow. This is a very vigorous form and probably the best that tolerates conditions others may not.</p> <p>Often chosen as the solution to the barren area where other plants perish.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Eryngium yuccifolium	Rattlesnake Master	Summer to Early Fall	Full Sun	4' x 3'	<p>Resembling something out of the Southwestern United States in both name and appearance, Rattlesnake Master has an arid, heated look about it.</p> <p>Perhaps it's the yucca-like foliage, or the stiffness of the plant, or it's the flowers, miniscule and nestled deep within a hardened carapace. No matter what the reason, it always comes down to one simple fact: this is quite a striking plant.</p> <p>Ideal for gardens as specimens or in small groups, this native species will add texture and color to almost any perennial border. Don't worry, it doesn't attract rattlesnakes! The name is derived from an old belief that the roots could be used to heal rattlesnake bites.</p> <p>Easily grown in average, dry to medium, well-drained soils in full sun. Prefers dryish, sandy soils.</p>
Perennial: not Grass/Fern	Eupatorium coelestinum	Hardy Ageratum	Late Summer	Sun to Partial Shade	2-3'	<p>The fuzzy blue flowers of hardy ageratum top attractive red stems in late summer and early fall. Easy to grow, it naturalizes readily and works well as a filler or groundcover planting. It's brilliant blue flowers make a unique and long-lasting cut flower.</p> <p>Hardy ageratum is adapted to most soil types, but is especially suited to heavy textured and to highly organic soils. Natural stands are found on moist to wet sites, such as low woods, wet meadows, and ditches. It grows best in full sun, but will tolerate light shade.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Eupatorium dubium 'Baby Joe'	Dwarf Joe Pye Weed	Summer to Fall	Sun to Partial Shade	2-3' x 1-2'	<p>The perfect size for smaller gardens, this is a lovely selection of Joe-Pye Weed. It forms a bushy upright mound of coarse dark-green leaves, bearing large umbrella-like heads of magenta-pink flowers in late summer.</p> <p>Dwarf Joe Pye weed is also ideal for adding color in the garden at a time when many other plants are finished for the season. Dried seedheads offer good winter interest, so consider leaving them until early spring. Flowers are terrific for cutting.</p> <p>A magnet to butterflies, it is suitable for planting in moist to wet areas. The stature of this selection is ideal as a focal point in a large container or tub.</p>
Perennial: not Grass/Fern	Eupatorium dubium 'Phantom'	Dwarf Joe Pye Weed	Summer to Fall	Sun to Partial Shade	2-4' x 1-2'	<p>This short and sweet dwarf variety of Eupatorium is fantastic for use in perennial borders, rain gardens and mixed containers with its shorter stature and upright habit.</p> <p>Attractive, dome-shaped clusters of tiny, rosy-purple blooms are a favorite of butterflies and gardeners alike, lasting from mid-summer through fall before turning into tufts of fuzzy seed heads with late autumn interest.</p> <p>A clump-forming perennial with whorls of coarse green leaves on sturdy stems. It prefers moist, average soil.</p>
Perennial: not Grass/Fern	Eupatorium rugosum 'Chocolate'	White Snakeroot	Fall	Sun to Shade	4'	<p>This American native was formerly known as Eupatorium rugosum. This cultivar was bred in Germany and is called Braunlamb, or Chocolate for its rich mahogany leaves on dark purple stems. The white flowers, that resemble the fluffy blooms of ageratum, appear on tall stems in late summer, resembling icing on a cake in the fall.</p> <p>Does well in dry shade, but should be planted in moist soil if planted in full sun.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Eurybia (Aster) divaricata 'Eastern Star'	White Wood Aster	Early Fall	Partial Shade to Shade	12"	Wood asters are one of those wonderful native plants found along deciduous woodland edges and roadsides in most of North America. The selection 'Eastern Star' was observed and collected from coastal Rhode Island. It has good green foliage all summer, grows shorter than the species and has deep dark shining mahogany stems that are topped by sprays of tiny white daisies.
Perennial: not Grass/Fern	Filipendula rubra 'Venusta'	Prairie Meadowsweet	Early Summer	Sun to Partial Shade	5-6' x 5-6'	'Queen of the Prairies' is the common name for this tall beauty with deeply divided foliage and deep pink flower plumes. It is a native of the eastern United States. The flowers are longlasting and the foliage is beautiful throughout the growing season.  Does well in damp meadow gardens, streambanks and back of border plantings. Attractive to birds, butterflies and bees.
Perennial: not Grass/Fern	Gaillardia aristata 'Arizona Red Shades'	Blanket Flower	Summer	Full Sun	12" x 12"	'Arizona Red Shades' Blanket Flower gives gardeners a dwarf, well branched perennial plant that thrives in dry heat. Because of the compact habit of this Blanket Flower, it is perfect for growing in pots.  The gorgeous flowers have brick red petals and a darker burgundy cone and keep coming all summer. Once established, the plants perform best with only occasional deep watering.  We recommend this variety as an outstanding, easy-to-grow choice for your hottest, sunniest garden spots. Tolerates all soil types but heavy clay.
Perennial: not Grass/Fern	Gaillardia x grandiflora 'Arizona Sun'	Blanket Flower	Summer	Full Sun	12" x 24"	This Gaillardia has showy three-inch single flowers that are mahogany-red with bright yellow edges and is a remarkable garden performer. Plants bloom heavily the first year and should be divided every third year.  Plant in well-drained infertile soils for best results. Deadhead occasionally to keep the flowers coming all summer long! Performs great in hot and dry areas of your garden

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Galium odoratum	Sweet Woodruff	Late Spring	Partial Shade to Shade	4-6" x 2'	<p>Galium odoratum is a groundcover with exquisite, whorled leaves that form a solid mat of foliage from spring through frost. Tiny pure white blossoms cover the foliage in spring.</p> <p>Grows best in moist, well-drained sites in partial to full shade. Tolerant of acid soil and grows well in the shade of rhododendrons and other acid loving plants. Spreads somewhat vigorously and is best used as a groundcover.</p>
Perennial: not Grass/Fern	Gaura lindheimeri 'Siskiyou Pink'	Gaura	Summer to Fall	Full Sun	2'	<p>This exceptionally long blooming perennial is native to Louisiana and Texas. The deep rose-colored buds of this selection open to rose-pink flowers. The blooms occur on loose, slender stalks, resulting in a "see through" plant that is airy and informal.</p> <p>Reblooms well if spent flowers are removed. Needs well-drained soil.</p>
Perennial: not Grass/Fern	Gentiana andrewsii	Closed Gentian	Late Summer	Sun to Partial Shade	24" x 18"	<p>Gorgeous blue to violet flowers remain closed and budlike even at full bloom. Because of this odd habit, the only insect tough enough to actually pollinate this gentian is the bumble bee.</p> <p>Does best in full to partial sun and moist rich soil. This native plant is considered threatened in many states in the Northeast. Cardinal flower, penstemon and Marsh Milkweed are good companions.</p>
Perennial: not Grass/Fern	Geranium maculatum 'Espresso'	Spotted Geranium	Spring	Sun to Partial Shade	18-24" x 18"	<p>'Espresso' is a chocolate-leaved variety of a common native geranium. Lavendar 5-petaled flowers appear in spring and early spring. The dark foliage remains attractive through fall.</p> <p>Prefers moist, well-drained soil.</p>
Perennial: not Grass/Fern	Geranium sanguineum 'Max Frei'	Bloodred Geranium	Summer	Sun to Partial Shade	1'	<p>A nice addition to the perennial border, this dependable summer perennial has deep magenta pink flowers and finely cut foliage.</p> <p>Does well in moist to wet soils.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Geum 'Blazing Sunset'	Avens	Spring to Summer	Sun to Partial Shade	24" x 12-18"	<p>This is a delightful fully double scarlet red Geum. Its flowers are up to 50% larger than other varieties and they continue to bloom over a very long period from late Spring into Summer.</p> <p>The fuzzy, green leaves form an attractive mound that makes a good filler for the front or middle of the flower border. Plants may be pruned back hard after blooming, to rejuvenate the foliage. Clumps should be divided every 3 to 4 years in Spring or Fall.</p> <p>Geum is a fast growing perennial that is rarely bothered by pests or diseases. It will grow in a wide variety of soil types except poorly drained ones.</p>
Perennial: not Grass/Fern	Geum coccineum 'Borisii'	Avens	Spring to Summer	Sun to Partial Shade	8-12"	<p>Want to create a color impact that can be seen from afar? Then choose Geum 'Borisii' for all the marvelous mango-coloured blooms.</p> <p>The small stature of this perennial makes it an excellent choice for edging, containers or rock gardens.</p> <p>Grow in medium moisture, well-drained soils in full sun to part shade. Prefers moist, fertile soils in cool summer climates. Remove spent flowers to encourage additional bloom, but consider leaving some of the later flowers so that the fluffy seed heads can form.</p>
Perennial: not Grass/Fern	Gillenia (Porteranthus ) stipulata	Indian physic	Late Spring	Sun to Partial Shade	2-3'	<p>Gillenia stipulata has palmately lobed, deeply veined and serrate leaves, red stems. Many 5-petaled star-shaped 1" white flowers appear on delicate narrow stalks at ends of branches.</p> <p>Will naturalize nicely along woodland edges and has wonderful fall leaf color.</p> <p>Grows in dry or moist soils.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Helenium 'Helbro' Mardis Gras	Sneeze Weed	Summer	Full Sun	2-3' x 2'	<p>Mardi Gras is an erect, clump-forming perennial which has rigid stems. Each daisy-like flower has yellow and red bicolored ray florets surrounding a prominent, dome-like, deep brown center disk. Yellow rays are irregularly splashed with shades of red. Flowers bloom for about 2 months.</p> <p>Prefers rich, moist soils and is intolerant of dry soils. Plants may be pinched back in May to reduce plant height and to encourage branching, thus a more floriferous bloom, and less need for support. Remove spent flowers to encourage additional bloom. Cut back plants by 1/2 after flowering.</p> <p>It was discovered as a chance seedling in 1996. Powdered disk flowers and leaves of the heleniums have in the past been dried and used as snuff, thus the common name of sneeze weed.</p>
Perennial: not Grass/Fern	Heliopsis helianthoides	Sunflower Heliopsis	Summer	Full Sun	4' x 6'	<p>Sunflower Heliopsis is a clump-forming perennial that bears striking, sunflower-like yellow blooms on long stalks from midsummer to early autumn.</p> <p>A good use of this perennial is in the back of a border or in wildflower or cutting gardens. It is also a long-lasting cut flower. This plant is desirable primarily because of its long blooming season during the summer, and its ease of cultivation.</p> <p>Easily grown in average, dry to medium, well-drained soil. Tolerates wide range of soils, including poor ones. Tolerates drought, but does better if regularly watered.</p>
Perennial: not Grass/Fern	Heliopsis helianthoides 'Summer Night'	Ox-eye	Summer	Full Sun	36" x 18"	<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>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Helleborus x hybridus 'Pine Knot Select'	Hybrid Lenten Rose	Winter to Spring	Partial Shade to Shade	15" x 24"	<p>A colorful strain of hellebores developed by Pine Knot Farms of Clarksville, Virginia, these hybrids of Lenten Rose make outstanding additions to the shade garden. From winter into spring they bear buttercup-shaped or semi-double flowers on sturdy stems above substantial clumps of shiny, leathery, jaggedly hand-shaped evergreen leaves. The fresh lime-green new leaves appear with the blooms. Flower colors include white, pink, apricot, burgundy, pale green, and pale yellow, sometimes with contrasting speckles/markings.</p> <p>Hellebores prefer a rich, loamy, neutral to alkaline soil, and some protection from sun and drying winds. They often self-sow to form large colonies. The entire plant is toxic to deer.</p>
Perennial: not Grass/Fern	Helleborus x hybridus 'Pink Spotted Lady'	Hybrid Lenten Rose	Early Spring	Shade	18-24" x 18- 24"	<p>Beautiful, long-lasting nodding flowers complement leathery evergreen leaves. 'Pink Spotted Lady' has salmon-pink flowers which are freckled by the richest crimson. Best planted in large groups under trees or other shady site.</p> <p>They tolerate drought quite well once established and will grow in most any soil type, from sandy soil to heavy clay. Of course, they will grow most lushly if given a rich soil with plenty of organic matter for good drainage.</p>
Perennial: not Grass/Fern	Helleborus x 'Royal Heritage ™Strain'	Hybrid Lenten Rose	Late Winter	Partial Shade to Shade	15"	<p>It's almost impossible to predict which color the gorgeous 2-inch flowers will appear, it could be purple, near-black, white, green, pink and even yellow or one of several shades of red. Generally speaking, red tones will predominate.</p> <p>You can expect several months of bright, open-faced blooms on tough, long-lived, shade-loving plants.</p> <p>Hellebores are drought tolerant and deer resistant.</p>
Perennial: not Grass/Fern	Hemerocallis x 'Happy Returns'	Hybrid Daylily	Summer to Fall	Sun to Partial Shade	15-18"	<p>The best of the best.</p> <p>Lemon yellow flowers with a golden throat are produced non-stop from June until first frost. Deadheading will ensure the maximum amount of blooms. This is also a good choice for container gardens.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Hepatica acutiloba	Shaplobe Hepatica	Early Spring	Partial Shade	6"	<p>Downy-covered buds open in early spring to reveal exquisite small flowers of ethereal blue or dusky violet that form a tidy bouquet above the three-lobed leaves.</p> <p>Grows best with a few hours of sun with a soil that is moist and humusy. One of our native wildflower jewels.</p>
Perennial: not Grass/Fern	Heuchera americana 'Dale's Strain'	American Alumroot	Spring to Fall	Partial Shade	8-12"	<p>This native, selected by Dale Hendrick's at nearby North Creek Nursery, features excitingly variable silver and blue marbled foliage due to being propagated from seed. The clusters of tiny, bright green flowers are held above the foliage in May and June.</p> <p>An excellent drought tolerant groundcover.</p>
Perennial: not Grass/Fern	Heuchera micrantha 'Palace Purple'	Roundleaf Alum Root	Spring to Fall	Sun to Partial Shade	12"	<p>This selection was the first of many purple-leaved Coral Bells, and is still an excellent choice for towards the edge of the border, or in containers and tubs. Plants form a low mound of maple-shaped leaves, from bronzy-green to rich purple-red.</p> <p>Spikes of small creamy-white flowers appear in early summer. In hot summer areas a part shade location will help to prevent the leaf colour from fading. Evergreen in mild winter areas, but plants may be clipped hard in early spring.</p> <p>Division is not always easy, but can be attempted in spring. A former Perennial Plant of the Year for 1991.</p>
Perennial: not Grass/Fern	Heuchera 'Silver Scrolls'	Hybrid Coral Bells	May-June	Partial Shade	24-30"	<p>Rounded leaves are marked silver with a "scrollmark" of dark, purple veining. Clusters of small white flowers are held above the foliage on wiry stalks.</p> <p>Performs well in average-drained soils.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Heuchera villosa 'Caramel'	Hairy Alumroot	Spring to Fall	Partial Shade to Shade	18" x 24"	<p>Bred by Thierry Delabroye, Caramel has glowing apricot new growth fading to soft amber by summer. Fall color is an intense salmon red. Its lobed fuzzy foliage typical of Heuchera villosa stays clean. An eastern US native species that is plenty hardy and unsurpassed for longevity.</p> <p>Long panicles of creamy white flowers in late summer to fall. Does well in dry shade.</p>
Perennial: not Grass/Fern	Heuchera x 'Obsidian'	Hybrid Coral Bells	Late Spring	Partial Shade	10"	<p>Heuchera x 'Obsidian' will be enjoyed for its dark, almost black, shiny leaves and its creamy flowers on purple stems.</p> <p>It is an outstanding plant in the woodland garden or as a shady plant for close up enjoyment. Prefers moist, well drained soil.</p>
Perennial: not Grass/Fern	Hibiscus moscheutos	Marsh Mallow	Summer	Full Sun	4-7'	<p>Marsh Mallow is a multi-stemmed, shrub-like herbaceous perennial that grows up to 7 ft. It dies back in winter and re-sprouts in spring. The leaves are usually without lobes, 2-3" wide by 6-8" long, velvety beneath and smooth on top. The flowers are about 6" across, with white or pink petals and crimson centers. Some have heart-shaped leaves and huge flowers and come in many different colors.</p> <p>Hibiscus moscheutos occurs in swamps, marshes and ditches in the eastern United States from Massachusetts to Michigan and south to Texas and Florida.</p> <p>Likes good garden soil. Feed and mulch well. Does best in full sun. Water regularly as Swamp rose mallow prefers moist soils.</p>
Perennial: not Grass/Fern	Hibiscus moscheutos 'Lord Baltimore'	Marsh Mallow	Summer to Fall	Full Sun to Partial Shade	4'	<p>Hibiscus x 'Lord Baltimore' blooms profusely with large red ruffled flowers. Leaves are deeply divided, tropical in appearance. This is one of the introductions from Robert Darby.</p> <p>Prefers rich, moist, even wet soil. Bees love this plant, use caution when deadheading.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Hosta 'Blue Angel'	Hybrid Hosta	Mid Summer	Shade	30" x 60"	<p>One of the largest of the blue hostas, 'Blue Angel' never fails to attract attention.</p> <p>It has huge, blue-grey leaves, and the three plants make a circle 4' across! In the summer, this rich mound of foliage is topped and accented with spikes of large, pure white flowers.</p>
Perennial: not Grass/Fern	Iris cristata 'Alba'	Crested Iris	Spring	Partial Shade to Shade	6"	<p>A wonderful, white-flowered, spring blooming plant, native to the woodlands of the Eastern United States. The soft green leaves create interesting texture throughout the growing season.</p> <p>The plants grow from rhizomes that creep along the soil surface. Does well in average soil and is drought tolerant.</p>
Perennial: not Grass/Fern	Iris versicolor	Blue Flag	Late Spring	Sun to Partial Shade	24-36"	<p>The Water Iris 'Versicolor', a spring water-planted tuber, produces beautiful violet-blue flowers accented by whitish markings at the base of the sepals. Water Irises have attractive bladelike foliage.</p> <p>Water Irises usually live in water that is rich in oxygen and receives a lot of sunlight. Although it thrives near water it will tolerate garden conditions if provided an evenly moist soil. The root has been used medicinally.</p>
Perennial: not Grass/Fern	Jeffersonia diphylla	Twin Leaf	Spring	Partial Shade	12-18"	<p>This clump-forming perennial is suitable for woodland, shade, or rock gardens. Basal leaves have two large lobes, hence the common name "Twinleaf." Fruit pods, pear-shaped and ornamental.</p> <p>The genus name Jeffersonia is given to this plant in honor of President Thomas Jefferson.</p>
Perennial: not Grass/Fern	Kalimeris integrifolia 'Daisy Mae'	Japanese Aster	Summer	Full Sun	18-24" x 18-24"	<p>Perhaps this should win the prize for easiest plant to grow. It loves heat and humidity and breezes through a drought like a champ. Single, one inch, white daisy-like flowers on a compact mound of green all summer. Great in the landscape and in containers. Essential for the butterfly gardener!</p> <p>Easily grown in average, medium, well-drained soil in full sun to part shade. Prefers full sun in northern part of its range. No serious insect or disease problems.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	<i>Liatris spicata</i>	Spike Gayfeather	Summer	Full Sun	2-4'	<p>Spike Gayfeather is a tall, upright, clump-forming perennial which is native to moist low grounds, meadows and marsh margins. It typically grows 2-4' tall in cultivation, but can reach a height of 6' in some parts of its native habitat.</p> <p>Features terminal spikes (6-12" long) of sessile, rounded, fluffy, deep purple flower heads appearing atop rigid, erect, leafy flower stalks in summer.</p> <p>Easily grown in average, medium, well-drained soils in full sun. Somewhat tolerant of poor soils, but prefers moist, fertile ones and generally performs better in moist soils than most other species of <i>Liatris</i>. Intolerant of wet soils in winter. Tolerant of summer heat and humidity.</p>
Perennial: not Grass/Fern	<i>Lilium superbum</i>	Turk's Cap lily	Mid Summer	Sun to Partial Shade	4-6'	<p><i>Lilium superbum</i> Turk's cap lily flowers in July to early August and can be found growing wild in openings in rich woods, moist meadows and thickets, and roadsides. Blooms are orange, spotted maroon.</p> <p>Turk's cap lily is the largest <i>Lilium</i> east of the Rocky Mountains and the commonest over most of its range. It is easily grown in average, medium wet to wet, well-drained soils in full sun to partial sun and does best in consistently moist, humusy soils. Mulch helps prevent soils drying out and keeps the root zone cool.</p>
Perennial: not Grass/Fern	<i>Lobelia cardinalis</i>	Cardinal Flower	Summer	Partial Shade	3-4'	<p>Tall spikes of rich scarlet flowers that attract hummingbirds are borne in mid to late summer. Native to our streamsides or damp meadows, cardinal flower thrives in moist soils and will self-sow.</p>
Perennial: not Grass/Fern	<i>Lobelia siphilitica</i>	Giant Lobelia	Summer	Partial Shade to Shade	2-3'	<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>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Monarda 'Blaustrumpf' Blue Stocking	Beebalm	Summer	Sun to Partial Shade	24-36"	<p>Long a favorite for the summer garden, bee balms are loved for their many and varied flower colors and aromatic foliage. Flowerheads may sit on brightly colored and contrasting bracts. They are a good source of pollen and nectar, attracting butterflies, bees and hummingbirds.</p> <p>'Blue Stocking' has deep violet flowers over purple bracts, and good mildew resistance.</p> <p>It prefers average, well drained soils.</p>
Perennial: not Grass/Fern	Monarda didyma 'Raspberry Wine'	Beebalm	Summer	Sun to Partial Shade	30-42"	<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 butterliies 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: not Grass/Fern	Monarda fistulosa	Wild Bergamot	Summer	Sun to Partial Shade	2-5'	<p>Wild Bergamot is a popular and showy perennial. Clusters of lavender, pink or white flowers, looking like ragged pompoms, bloom atop 2-5 ft., open-branched stems.</p> <p>This fragrant perennial, frequently cultivated, has aromatic leaves used to make mint tea. Oil from the leaves was formerly used to treat respiratory ailments. The leaves smell minty. Flowers are attractive to bees and butterflies.</p> <p>Best grown in dry to medium moisture, well-drained soils. Tolerates somewhat poor soils and some drought. Plants need good air circulation. Deadhead flowers to prolong summer bloom. Tends to self-seed.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Monarda punctata	Spotted Beebalm	Summer	Sun to Partial Shade	18-24" x 12"	<p>This perennial aromatic plant, a member of the mint family, is a great source of nectar for butterflies.</p> <p>The bright lavender and yellow bracts of this gorgeous plant appear to be flowers but are actually leaves surrounding the true flowers. Naturally occurring in dry soils or thin woods this showy wildflower performs well in the garden and also provides unusual cut flowers. It has a long summer bloom period.</p> <p>Best grown in dry to medium moisture, well-drained soils in full sun to part shade. Tolerates somewhat poor soils and some drought. Plants need good air circulation. Deadhead flowers to prolong summer bloom. Tends to self-seed.</p>
Perennial: not Grass/Fern	Nepeta x faassenii 'Blue Wonder'	Hybrid Catmint	Summer	Full Sun	12-18"	<p>The dark blue flowers appear in late spring and will continue into summer if spent flower spikes are sheared. The aromatic gray-green foliage is resistant to deer browse.</p> <p>Best grown in average well-drained soil in full sun to part shade and is very drought tolerant.</p>
Perennial: not Grass/Fern	Oenothera fruticosa	Common Evening Primrose	Late Spring	Full Sun	18-24" x 24"	<p>Oenothera fruticosa, or narrow-leaved sundrops, is a species of flowering plant in the evening primrose genus of the family Onagraceae, native to much of eastern North America.</p> <p>A tough and reliable perennial, it is well-suited to hot dry sites. The stems of Oenothera fruticosa are thin, hairy, and reddish with similar leaves. The buds begin as red in late spring but open into beautiful bright yellow flowers in early summer.</p> <p>Easy, dependable, a strong grower that can spread a bit, particularly in sandy soils. Great color for a meadow! Native to dry soil, open fields, and open woods from Nova Scotia to Florida.</p>
Perennial: not Grass/Fern	Oenothera fruticosa 'Fireworks' ('Feuerwerker i')	Common Evening Primrose	Summer	Sun to Partial Shade	18"	<p>Dense spikes of clustered, fragrant, cup-shaped flowers are borne on mahogany-red stems above shiny, narrowly oval, green basal leaves. Let the show begin!</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Packera (Senecio) aurea	Golden Groundsel	Spring	Partial Shade	6-12" x 8-24"	<p>One of our native woodland plants, golden groundsel sends up clusters of bright yellow daisy-type flowers in early spring.</p> <p>After flowering the semi-evergreen foliage form an attractive ground cover for moist shady locations.</p> <p>Plants spread rapidly and may be aggressive. Good ground cover beneath trees where other plants won't grow.</p> <p>Synonym name is Senecio aurea.</p>
Perennial: not Grass/Fern	Paeonia lactiflora 'Blaze'	Hybrid Peony	Spring	Sun to Partial Shade	2' x 3'	<p>The Blaze Peony is a gorgeous plant, with bright red, ruffled petals that create a bowl around the bright yellow center. It is great for flower filled lawn islands and in high profile front yard locations. It is also a choice cut flower.</p> <p>Peonies are among the most coveted perennials for your garden. Their big bushy shape is outstanding in foundation planting and beds close to outdoor living spaces. They can also blend naturally into more casual settings creating focal points and bold color in season.</p> <p>Peonies are long-lived and resent relocation, so pick your spot and prepare your planting hole well!</p>
Perennial: not Grass/Fern	Paeonia x 'Lady Orchid'	Hybrid Peony	Spring to Summer	Full Sun	24-36" x 24-36"	<p>Lady Orchid has gorgeous double, soft pink fragrant flowers that bloom in late spring to mid-summer above lush foliage. Peonies make superior cut flowers, lasting more than a week if cut in full bud.</p> <p>Garden Peonies are old favorites for late spring display, prized for their large, colourful and fragrant blooms. Plants form an upright bush of dark green leaves, remaining attractive all season.</p> <p>They have no natural enemies, no exacting cultural requirements beyond full sun and neutral to slightly sweet soil, and they shrug off cold.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Penstemon digitalis 'Husker's Red'	Beard-tongue	Summer	Sun to Partial Shade	30"	<p>Red new growth appears early in spring, adding color to the early season landscape. White flowers, flushed pink appear in spikes above the foliage.</p> <p>An interesting hybrid of a tough native plant. Perennial Plant Association Plant of the Year 1996.</p>
Perennial: not Grass/Fern	Phlox paniculata 'David'	Summer Phlox	Summer	Sun to Partial Shade	34-38"	<p>One of the best selections of our native summer flowering phlox, this beauty was discovered at the Brandywine River Museum in Chadds Ford, Pennsylvania.</p> <p>Not only is 'David' very mildew resistant, it bears extra-large flower heads that are covered with clear white flowers that are a magnet for butterflies and hummingbirds.</p>
Perennial: not Grass/Fern	Phlox stolonifera 'Blue Ridge'	Creeping Phlox	Spring	Sun to Partial Shade	8"	<p>This low, prostrate phlox is covered with rounded, glossy green, evergreen leaves.</p> <p>Blue flowers smother the foliage in spring.</p>
Perennial: not Grass/Fern	Phlox stolonifera 'Home Fires'	Creeping Phlox	Spring	Partial Shade	6-12"	<p>The florescent pink flowers appear 10" above the foliage, which is evergreen. Forming a dense cover, this phlox makes a great groundcover for the wooded garden.</p>
Perennial: not Grass/Fern	Phlox subulata 'Candy Stripe'	Moss Pink	Mid Spring	Sun	4" x 24"	<p>This variety of our native moss pink covers itself in rich pink blooms in early spring. A great ground cover, the plant forms an evergreen mat of fine-textured leaves that will spread to 24".</p> <p>This plant looks wonderful draped over rocks or cascading down a hillside. This is a tough plant that does tolerate average to poor soil and dry conditions.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Phlox subulata 'Emerald Blue'	Moss Pink	Late Spring	Full Sun	6" x 18"	<p>This phlox is a spring perennial that stands out in any garden with low mats of bright, showy, light blue flowers. An evergreen with small, bright green, needle-like foliage, it is great for rock gardens, borders or slopes.</p> <p>'Emerald Blue' creates a dramatic effect cascading over walls or as a carpet of color.</p> <p>Soil should be fertile and good drainage is a must.</p>
Perennial: not Grass/Fern	Phlox subulata 'Purple Beauty'	Moss Pink	Late Spring	Full Sun	4-6" x 18"	<p>This spreading groundcover is buried under a blanket of lavender purple blooms with a darker eye in late spring. Does best in full sun and tolerates drought.</p> <p>A natural for rock walls or garden edges, pair this native groundcover with yellow daffodils or tulips for a cheerful spring pocket of color.</p>
Perennial: not Grass/Fern	Phlox subulata 'Scarlet Flame'	Moss Pink	Spring	Full Sun	3-6"	<p>The needlelike semi-evergreen foliage creates a moss-like mound in the garden, forming an excellent ground cover and edging plant. The scarlet red flowers with a darker red eye of this variety are striking in spring.</p> <p>Best growth occurs when the plant is given a sunny location and a well-drained, sandy soil – a perfect candidate for difficult, dry sites. Shear plants in summer to renew foliage.</p>
Perennial: not Grass/Fern	Physostegia virginiana 'Vivid'	Obedient Plant	Summer to Fall	Sun to Partial Shade	24-30"	<p>Spikes of orchid pink tubular flowers open in sequence from top to bottom on this mid summer bloomer, attracting butterflies and hummingbirds to their sweet nectar.</p> <p>Wonderful for cut flowers, the common name "obedient plant" refers to the ability of this plant to hold its place when pushed into position. Deadheading spent flowers will produce new lateral growth for a longer bloom period.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Platycodon grandiflorus 'Sentimental Blue'	Balloon Flower	Summer	Sun to Partial Shade	10-12"	<p>This balloon flower cultivar is a dwarf selection that typically grows to only 10-12". Featuring unique puffy flower buds shaped like hot air balloons, they open into 3-inch diameter single, upward-facing, bell-shaped flowers.</p> <p>Prefers moist well-drained soil. Doesn't like to be transplanted after planted in the garden.</p>
Perennial: not Grass/Fern	Podophyllum peltatum	Mayapple	Spring	Partial Shade to Shade	12-18"	<p>Mayapple is a rhizomatous, native wildflower that occurs in both moist and dry woodland areas. From a single stem, each plant grows 12-18" tall and features one or two, deeply-divided, palmately-lobed, umbrella-like, pale green leaves (to 12" diameter).</p> <p>Plants with only one leaf will not flower. From the crotch (leaf axil) on two-leafed plants, a single, nodding, waxy, 6-9-petaled, white flower (3" diameter) appears on a short, thin stem in early spring. Flowers are quite showy, but usually hidden by the umbrella-like leaves. Each flower gives way to an edible, fleshy, greenish fruit (mayapple) which turn golden when ripe and may be used to make preserves and jellies.</p> <p>Leaves and roots are poisonous, however.</p>
Perennial: not Grass/Fern	Polemonium reptans 'Blue Pearl'	Jacob's Ladder	Late Spring	Partial Shade	15-18"	<p>An exciting, robust form of our native species. Stiff stems are numerous with loads of ladder-like leaves that create a full mound of foliage attractively arched. The flower's fragrance draws people wherever it is planted.</p> <p>Blue flowers are borne May-June.</p> <p>Protect from late day sun. Does best in moist well-drained soil.</p>
Perennial: not Grass/Fern	Pycnanthemum muticum	Mountain Mint	Summer	Sun to Partial Shade	24-36"	<p>Pycnanthemum muticum blooms are in small clusters and slightly pink in colour with whitish bracts that are also decorative. Blooms July through September.</p> <p>It is a slow spreader in hot dry climates even with adequate moisture. Water weekly until established. Bees and butterflies love this plant.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	<i>Pycnanthemum tenuifolium</i>	Narrowleaf Mountain Mint	Summer	Sun to Partial Shade	2-3' x 2-3'	<p>This summer flowering plant has multiple dense clusters of small showy tubular two-lipped white flowers and has an extended flowering period.</p> <p>It is adapted to a variety of conditions and will grow in dry to moist soils and full sun to partial shade. It is easily established and is a good garden plant that may form dense colonies.</p> <p>This plant's greatest value is as a nectar source for many pollinators. Like other Mountain Mints, this species is used for herbal tea.</p>
Perennial: not Grass/Fern	<i>Rudbeckia fulgida</i> var. <i>sullivantii</i> 'Goldsturm'	Black-eyed Susan	Summer to Fall	Full Sun	24"	<p>One of the most carefree perennials, this selection is both heat and drought tolerant. Deep yellow petals surround the dark brown eyes to create a show stopping floral display.</p> <p>Butterflies are drawn to these flowers and this plant is featured in the Butterfly River in Tyler's Stopford Family Meadow Maze.</p> <p>This was the Perennial Plant Association Plant of the Year for 1999.</p>
Perennial: not Grass/Fern	<i>Rudbeckia fulgida</i> var. <i>sullivantii</i> 'Little Goldstar'	Black-eyed Susan	Summer to Fall	Sun to Partial Shade	14-16" x 14-16"	<p>This knee-high performer is a knockout in the landscape! Loads of yellow daisy-like flowers with a prominent brown cone provide a healthy snack for birds in winter. Flowers are great in fresh or dried arrangements and are attractive to butterflies and bees in the summer.</p> <p>Adapts to a wide variety of soil conditions in full to partial sun. Tolerates hot, humid summers and some drought. Deadhead to prolong blooming season. Disease and pest resistant.</p>
Perennial: not Grass/Fern	<i>Rudbeckia maxima</i>	Giant Coneflower	Summer	Full Sun	7'	<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>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Salvia lyrata 'Purple Knockout'	Lyre-leaved Sage	Summer	Sun to Partial Shade	18"	<p>The lyre-leaved sage is native to the woods edge and tall meadows of the eastern United States.</p> <p>A prized foliage plant full of intrigue. Compact basal rosettes of shiny burgundy leaves turning to deep purple in summer and then to red in the fall with spikes of pale lilac blue flowers. Attracts the bees and butterflies.</p> <p>Very easy to grow in most soil types and will self sow to spread and become a dense groundcover - a great native substitute for Ajuga.</p>
Perennial: not Grass/Fern	Salvia nemorosa (x sylvestris) 'May Night' ('Mainacht')	Woodland Sage	Late Spring	Sun to Partial Shade	18-36" x 24"	<p>Salvia x sylvestris 'May Night' will put on a color show all summer with fuzzy dark purple colored flower spikes. Rigid spikes of dark blue-black flowers appear over aromatic blue-gray leaves in May and June but flowering can be extended by deadheading. This is a great plant to attract hummingbirds and bees into the garden.</p> <p>This plant can tolerate drought and requires good drainage. Dislikes winter wet. It was the 1997 Perennial Plant of The Year.</p>
Perennial: not Grass/Fern	Sanguinaria canadensis	Bloodroot	Early Spring	Shade	12"	<p>An early spring native woodland wildflower, bloodroot sports palmately lobed foliage of glaucous gray leaves. An attractive, white terminal flower rises up on a leafless stalk.</p> <p>Roots are red and when broken excrete a red sap that was used by Native Americans as war paint.</p>
Perennial: not Grass/Fern	Sanguinaria canadensis f. multiplex	Double Bloodroot	Spring	Partial Shade to Shade	6-12" x 10"	<p>Beautiful rare fully double form of our native bloodroot; it looks like a miniature waterlily. Round-lobed leaves unfurl around the waxy white flower when it blooms in March-May. Blooms may last 5 to 7 days unlike the one day flowering of the single.</p> <p>Easy in woody soil in light shade forming large colonies in time. Top dress with 1/2" of humus every other autumn.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Scabiosa columbaria 'Butterfly Blue'	Pincushion Flower	Summer to Fall	Sun to Partial Shade	15"	<p>An unmatched profusion of 2 inch sky blue flowers are produced throughout the growing season. Flower buds have been noted to remain on this plant all year long.</p> <p>This was selected as the Perennial Plant Association Plant of the Year for 2000. Butterflies are attracted to the flowers and this plant is featured in the Butterfly River in Tyler's Stopford Family Meadow Maze.</p>
Perennial: not Grass/Fern	Scabiosa columbaria 'Pink Mist'	Pincushion Flower	Summer to Fall	Sun to Partial Shade	15"	<p>An unmatched profusion of pink flowers throughout the growing season. In the cooler weather of spring and fall, the coloration of the flowers is more intensely pink. Flower buds have been noted to remain on the plants all year long.</p> <p>Butterflies are attracted to the flowers and this plant is featured in the Butterfly River in Tyler's Stopford Family Meadow Maze.</p>
Perennial: not Grass/Fern	Sedum makinoi 'Ogon'	Stonecrop	Year Round	Sun to Partial Shade	4" x 4-12"	<p>'Ogon' is a tiny-leaved spreading ground cover sedum noted for its bright gold foliage. Best golden leaf color usually occurs with some part afternoon shade.</p> <p>Tiny, star-like, yellow-green flowers appear in summer, nearly unnoticeable against the foliage. Use in rock gardens, flagstone paths, along rock walls or to spill over container edges.</p> <p>Grow in average, dry to medium moisture, well-drained soils in full sun to part shade. Drought and heat tolerant. This plant may not be reliably winter hardy; site it in protected locations or grow in containers.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Sedum reflexum 'Blue Spruce'	Stonecrop	Year Round	Sun to Partial Shade	6" x 2'	<p>A very popular groundcover, 'Blue Spruce' sedum is great for rock gardens and ledges with its creeping blue foliage, highlighted by clusters of bright yellow star flowers in summer. Changing with the seasons, 'Blue Spruce' stonecrop has narrow, fleshy, needle-like, blue-green foliage which often becomes tinged with orange or red in winter. Particularly attractive in rock gardens, bumblebees and butterflies visit the flowers of 'Blue Spruce' in the summer.</p> <p>Blue Spruce stonecrop prefers full sun and well drained soil. It is drought tolerant, but a little watering may be necessary during extend heat periods.</p>
Perennial: not Grass/Fern	Sedum spurium 'Red Carpet'	Hybrid Stonecrop	Summer	Full Sun	4-8"	<p>This mat-forming perennial is a showy creeper for a hot and dry spot in the garden. Blooms are pink-red in the summer and foliage turns a bronze color.</p>
Perennial: not Grass/Fern	Sedum spurium 'Tricolor'	Hybrid Stonecrop	Spring to Fall	Full Sun	4-6" x 12"	<p>The creeping selections of Stonecrop are particularly suited for hot, dry sites with poor soil. This variety forms a low carpet of small green leaves, dappled with pink and creamy-white. Clusters of soft-pink star flowers appear in summer.</p> <p>Tricolor Sedum is very drought-tolerant and low-maintenance, requiring well-drained sandy soils and full sun to part shade for best performance. It is a great choice for borders, rock gardens, or containers.</p>
Perennial: not Grass/Fern	Sedum ternatum	Wild Stonecrop	Year Round	Partial Shade	6" x 12"	<p>Sedum ternatum is perfect for a native plant garden and is often used in rock gardens or as a groundcover. It forms mats of evergreen, succulent, small, blue-green leaves 2 to 3 inches tall with 6-inch tall, flat, sprays of starry white flowers in early summer. The very small, dark-brown seeds can be gathered 2-4 weeks after the plant flowers</p> <p>This mat-forming sedum is unlike most of its cousins in that it prefers (partially) shaded conditions and moist soil. Sedum ternatum is a very attractive woodland wildflower for the shade garden and makes an excellent groundcover . It also adapts easily to the flower garden.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Silene caroliniana	Wild Pinks	Late Spring	Sun to Partial Shade	18"	<p>Wild pink (sometimes also called Carolina campion) is a low, mounded wildflower which is native to eastern and central North America. It somewhat resembles woodland phlox.</p> <p>Loose clusters of bright pink flowers with five spreading wedge-shaped petals appear in May/June atop sticky flowering stems rising to 10" tall. Tufts of narrow, lance-shaped basal leaves (to 4" long) with smaller paired stem leaves.</p> <p>Grow in average, dry to medium moisture, well-drained soils in full sun to part shade. Prefers sunny sites in dryish sandy or gravelly soils with some part afternoon shade. Requires excellent drainage. Plants are best left undisturbed once established.</p>
Perennial: not Grass/Fern	Sisyrinchium angustifolium 'Lucerne'	Narrowleaf Blue-eyed Grass	Summer	Sun to Partial Shade	8-10"	<p>Bright blue star-shaped flowers rise about iris-like foliage May-July. The small flowers add charm to the garden when used as an edging plant or along a pathway.</p> <p>Plant in average to moist soils.</p>
Perennial: not Grass/Fern	Sisyrinchium angustifolium 'Suwannee'	Blue-eyed Grass	Spring to Summer	Sun to Shade	8-10"	<p>This Blue-eyed Grass is a great native groundcover that is short, upright, and very floriferous. It forms nice upright clumps to 8 inches and has bright sky blue flowers in late spring and early summer.</p> <p>It likes sun or shade, and average soil that is a bit on the alkaline side. Clumps can eventually spread to a foot or so in diameter. It was founded by plantsman Charles Webb on the limestone banks of the Suwannee River in Florida.</p> <p>This versatile plant would look great with any of the Wild Indigos, Stokesia, Sundrops, or 'Morris Berd' Phlox.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Smilacina racemosa	False Solomon's Seal	Mid Spring	Partial Shade to Shade	24-36" x 24"	<p>A native of the Pacific Northwest, this clump-forming perennial looks great in the garden with its graceful architectural appearance. The strong, slightly arching stems have deep green alternating leaves with strong parallel veins running up to the tip. Plume-like clusters of small, white flowers - enjoy their unexpected rose fragrance - crown this perennial in mid-spring.</p> <p>By late summer, round red berries that are sometimes spotted with purple appear. It is drought tolerant once established and grows well in dry, shady locations.</p>
Perennial: not Grass/Fern	Solidago odora	Aniscented Goldenrod	Late Summer	Sun to Partial Shade	2-4' x 1-2'	<p>Wonderfully fragrant leaves give off an anise scent when crushed! Solidago odora has a tidy, clump-forming habit and is not weedy or aggressive.</p> <p>The lance-shaped leaves are a glossy, smooth dark green. Branched, plume-like clusters of golden, daisy-like flowers bloom in August-September.</p> <p>It is easily grown in average, dry to medium, well-drained soils in full sun to part shade. Attracts butterflies, bees, ladybugs, lacewings and other beneficial insects. May self-seed in the garden.</p>
Perennial: not Grass/Fern	Solidago rugosa 'Fireworks'	'Fireworks' Wrinkled Goldenrod	Fall	Full Sun	36"	<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>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Spiranthes cernua var. odorata 'Chadds Ford'	Fragrant Nodding Ladiestresses	Fall	Sun to Partial Shade	12"	<p>This is our relatively rare, but easy to grow native orchid. It thrives in moist soils and is perfectly happy in a bog garden or by a pond or stream. In fall, 12" spikes appear with tiny white flowers arranged in a perfect spiral staircase up the stem.</p> <p>Although small in size, the flowers are strongly fragrant, often described as a cross between vanilla and jasmine. This robust variety was found in nearby Chadds Ford.</p>
Perennial: not Grass/Fern	Symphotrichum (Aster) laevis 'Bluebird'	Smooth Aster	Early Fall	Sun to Partial Shade	26-30"	<p>This smooth aster cultivar is a robust, upright plant with arching stems. Loose panicle-like clusters of 1" diameter asters with violet blue rays and yellow centers cover the upper parts of this plant in a profuse September-October bloom. Smooth, mostly toothless, blue-green foliage (to 4" long). Attractive to butterflies.</p> <p>Easily grown in average, dry to medium, well-drained soil in full sun. Good drought tolerance. Staking is usually not required, so pinching back the stems to control plant height is not necessary.</p>
Perennial: not Grass/Fern	Symphotrichum (Aster) novi-belgii 'Woods Pink'	New York Aster	Fall	Sun to Partial Shade	15"	<p>A prime choice for fall asters, especially due to the mildew resistance of this selection. Bright pink flowers adorn this plant in September-October.</p> <p>Butterflies are drawn to the flowers.</p>
Perennial: not Grass/Fern	Symphotrichum (Aster) oblongifolium 'Raydon's Favorite'	Aromatic Aster	Fall	Full Sun	2-3'	<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>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Thalictrum rochebrunianum	Meadowrue	Summer	Sun to Partial Shade	6-8'	<p>This may be the hardiest of the meadow rue 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>
Perennial: not Grass/Fern	Tiarella cordifolia	Foamflower	Late Spring- Early Summer	Partial Shade to Shade	6-12"	<p>The Foamflower makes a great groundcover for the shade garden. The white flower spikes are pyramidal and float above the maple-shaped leaves in the spring.</p> <p>When planted in mass it resembles a sea of foam. This semi-evergreen perennial has great fall interest with its burgundy hued leaves.</p>
Perennial: not Grass/Fern	Tiarella cordifolia 'Brandywine'	Hybrid Foamflower	Spring to Fall	Partial Shade to Shade	8-12"	<p>The flowers of this native foamflower are the softest in shape and color. Delicate, diminutive spikes of rosy white flowers sit atop velvety green, purple striated foliage.</p> <p>A great plant for moist shade and the woodland garden.</p>
Perennial: not Grass/Fern	Tiarella cordifolia 'Dark Star'	Hybrid Foamflower	Spring	Partial Shade	12"	<p>The unusual shaped leaves with very dark centers contribute wonderful textural and foliar interest to the shade garden, 'Dark Star' has an excellent mounding habit and is a strong bloomer with spikes of white flowers in spring. Native to the eastern United States. Prefers a woodland humusy soil.</p>
Perennial: not Grass/Fern	Tiarella cordifolia var collina (wherryi)	Foamflower	Spring	Partial Shade to Shade	12" x 12"	<p>Wherry's Foamflower is clump-forming, with white star-shaped flowers which bloom longer than the species. Foliage ranges from green to bronze to maroon.</p> <p>Wherry's Foamflower is a bona fide low maintenance shade native that will thrive in your woodland garden. It will make an excellent ground cover for a shady garden.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Tipularia discolor	Crane-fly Orchid	Summer	Partial Shade to Shade	14-20" x 6"	<p>This delightful native orchid can be found growing in humus-rich forests and along stream banks.</p> <p>An underground corm sends up a single leaf in fall. The leaf is dark green above, often with purple spots, and purple under-neath. The leaf persists through the winter and withers in spring. In summer each plant sends up a single stem with up to 40 small green and purple flowers.</p> <p>Give it plenty of organic matter and keep it moist.</p>
Perennial: not Grass/Fern	Tradescantia x andersoniana 'Red Grape'	Spiderwort	Spring to Summer	Partial Shade	12-18"	<p>The "Red Grape" cultivar of this native plant boasts vibrant purplish-red flowers spring through summer.</p> <p>T. andersoniana can be found in the woods and prairies of Maine to Michigan south to Missouri and Georgia. Best used in the naturalized, wild, rock or woodland garden and in moist areas such as along streambanks or ponds.</p> <p>Prefers moist, rich, acidic soils in part shade. Will not spread as aggressively if grown in drier soils. Deadhead to prolong season and cut foliage back after flowering.</p>
Perennial: not Grass/Fern	Tradescantia x andersoniana 'Sweet Kate'	Spiderwort	Summer to Fall	Full Sun	24"	<p>A plant release from Hillier Nursery in England, the blue flowers open during the morning and evening hours. The foliage is yellow and strap-like.</p> <p>Will tolerate partial shade and prefers moist soil. This is an easy-to-care-for perennial.</p>
Perennial: not Grass/Fern	Trillium cuneatum	Trillium	Mid Spring	Partial Shade to Shade	12-18"	<p>Trillium cuneatum is a robust, erect, clump-forming perennial with stalkless, widely ovate-rounded, mid-green leaves, marked pale or silver-green. Produces musk-scented, dark maroon flowers with wedge-shaped petals and purple-tipped, olive-green septals are borne above the leaves. Flowers in early March to mid April.</p> <p>Establish rhizomes in shady location where soil is rich and moist.</p> <p>Trillium cuneatum is native to parts of the southeastern United States.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Trillium erectum 'Beige'	Purple Wakerobin	Spring	Partial Shade to Shade	12" x 12"	<p>'Beige' is the creamy yellow flowered version of Purple Trillium.</p> <p>Trilliums make elegant understory plants when grouped in woodland areas. They have 3 leaves, often beautifully mottled, topped with a 3-petaled flower in early to mid spring.</p> <p>Provide rich, moist, well-drained soil in a shady area. Plants go dormant in late summer or early fall and may be divided at this time.</p>
Perennial: not Grass/Fern	Trillium grandiflorum	Showy Trillium	Spring	Partial Shade	10-12"	<p>Broad, green, heart-shaped leaves with upright, open-faced, large showy flowers signal the coming of a new season. The easiest trillium to satisfy in any garden soil.</p>
Perennial: not Grass/Fern	Trillium luteum	Toad Trillium	Spring	Partial Shade	10-12"	<p>Wide heart-shaped leaves are neatly mottled through maturity, holding in their triparted middle a vertical lemon fragrant flower. Native from northern Georgia to Southern Kentucky and from eastern Tennessee to western North Carolina.</p>
Perennial: not Grass/Fern	Trillium recurvatum	Prairie Trillium	Mid Spring	Partial Shade to Shade	1' x 1'	<p>Occuring in woodlands throughout the prairie states, Trillium recurvatum is one of the least known of our native trilliums. Its curious maroon-colored flowers are nestled against its classically arranged three leaves. The small green sepals are reflexed - hence its specific epithet. The reddish brown flowers probably attract beetles and flies, which feed on the pollen. The handsome speckled leaves are most likely an adaptation to deer predation as this type of pattern may help to camouflage the plant with the surrounding forest floor.</p> <p>The prairie trillium is an easily-grown species, thriving in moist organic, well-drained woodland soils. As a result, it is ideal for wildflower gardens, native plant gardens, and shade gardens. It mixes well with other shade perennials that are not too aggressive - such as ferns and smaller hostas.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Trillium vaseyi	Sweet Trillium	Spring	Partial Shade	24" x 24"	<p>Trillium vaseyi bears the largest flowers in the trillium family — almost 4 inches across. Growing to almost 2 feet high and not quite as wide, it is also one of the tallest trilliums.</p> <p>Its chocolate-red blossoms (occasionally white) boast strongly curved petals and prominent stamens. They appear just beneath the leaves in mid- to late spring.</p> <p>Most trilliums are native to the woodlands of North America. Grown in groups in a woodland or shady naturalized area, they make an elegant understory planting.</p> <p>Because they go dormant in summer, plant trilliums with other shade-loving perennials to share their place until they reappear the following spring.</p>
Perennial: not Grass/Fern	Trollius chinensis 'Golden Queen'	Globeflower	Late Spring	Sun to Partial Shade	24-30" x 18"	<p>'Golden Queen' produces 2-3 inch wide, golden-orange, buttercup-like blossoms from late spring into midsummer. Gleaming dark green leaves—serrated, toothed and finely cut—meld a vigorous basal clump that launches the sturdy 3 ft. tall flowering stems in no need of staking. Flowers appear in late spring to early summer.</p> <p>Trollius is a wonderful addition to any sunny or partially shaded, moist area such as the edges of ponds or streams.</p> <p>Globeflowers are undemanding perennials that look best en masse and are the perfect choice for the waters' edge, a boggy spot, or the border, given a moisture retentive, organic-rich soil and shelter from hot sun.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	Uvularia sessilifolia	Sessile-leaf bellwort	Spring	Partial Shade	10-15" x 6-9"	<p>This native wildflower spreads by underground stolons to form a groundcover in shady areas. Delicate, creamy yellow flowers are produced in spring.</p> <p>The flowers are bell shaped and hang from a slender stem. The plants should be divided every few years, and will readily form new colonies within a few seasons after being moved. Mulch generously with rotted straw, marsh hay, or old leaves.</p> <p>Moist to moderate moisture conditions, average soils, and partial shade are preferred.</p>
Perennial: not Grass/Fern	Vancouveria hexandra	Inside Out Flower	Late Spring	Partial Shade to Shade	8-12" x 12"	<p>This attractive, easy-care groundcover boasts leaves that emerge bright green, then darken with age, creating a two-toned effect. In late spring, distinctive white blooms dangle on wiry stems, resembling umbrellas blown inside-out. The stamens jut out like a beak.</p> <p>This delicate looking but sturdy plant is undemanding and undisturbed by bugs or disease. Provide humus-rich soil with moderate moisture and it will easily spread to fill in between taller plants.</p>
Perennial: not Grass/Fern	Veronicastrum virginicum	Culver's Root	Late Summer	Full Sun	4-6'	<p>Native to our sunny moist meadows and prairies, culver's root grows happily in moist soils producing tall spires of small white to pale blue flowers.</p>
Perennial: not Grass/Fern	Veronicastrum virginicum 'Lavender Towers'	Culver's Root	Summer	Sun to Partial Shade	4-6' x 1-2'	<p>A regal native plant that hovers above the border with long spikes of pale purple flowers in mid summer. Whorled foliage provides an interesting foil for early summer bloomers. Very tough and long-lasting.</p> <p>Easy to grow in sun to part shade in moist soil. Tolerant of a variety of soils.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: not Grass/Fern	<i>Viola palmata</i>	Early Blue Violet	Spring	Partial Shade to Shade	4-6" x 4-6"	<p>The distinctive feature of this violet is its leaves -- some of them are cut or divided into 3-7 lobes. The 5 violet-purple petals have darker streakings and are up to 3/4 inch across.</p> <p>They prefer dappled sunlight during the spring, followed by partial sun or light shade during the summer. The basal leaves die down in fall.</p> <p>The soil should contain some loam and be well-drained; some rocky or gritty material is also tolerated. This plant dislikes competition from taller ground vegetation.</p>
Perennial: not Grass/Fern	<i>Viola walteri</i> 'Silver Gem'	Prostrate Viola	Spring to Fall	Partial Shade to Shade	2-3"	<p><i>Viola walteri</i> 'Silver Gem' is a tough native groundcover. Easily identified by trailing stems and delicate lavender flowers, 'Silver Gem' forms a dense, tidy mound of delicate attractive silver foliage. Flowers appear in early spring and persist into autumn.</p> <p>Attractive, but not invasive, Silver Gem is exceptionally drought tolerant once established and is happiest in full to part shade.</p>
Perennial: not Grass/Fern	<i>Zizia aurea</i>	Golden Alexander	Late Spring	Sun to Partial Shade	18-36" x 18-24"	<p>Golden Alexander is a Missouri native perennial which occurs most often in small colonies in moist woods and meadows, thickets, glades and prairies. Features flat-topped clusters of tiny yellow flowers in late spring atop stems growing to 3' tall.</p> <p>Golden Alexanders is a food plant for the larvae of the Missouri woodland swallowtail butterfly (<i>Papilio joanae</i>).</p> <p>Best massed in open woodland or prairie areas, wild or native plant gardens. Grow in average, medium moisture, well-drained soils in full sun to part shade.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: Grass	Carex laxiculmus 'Hobb' Bunny Blue™	Bunny Blue Sedge	Year Round	Partial Shade to Shade	12" x 16"	<p>Bunny Blue® is a great new selection of native Carex. The evergreen foliage is a beautiful silvery blue color. Each leaf measures approximately 12"-14" long and one half inch wide. The plant grows into a large, dense, moderately spreading clump.</p> <p>A wonderful plant choice to border a pathway, use Bunny Blue® Carex as a groundcover or a companion plant to ferns, hostas, shrubs and trees.</p> <p>Grows best in light shade and moist soil, but will adapt to more sun with adequate moisture.</p>
Perennial: Fern	Athyrium felix-femina	Lady Fern	Spring to Fall	Shade	26-30"	<p>This native fern has finely divided leaves of a soft green with dark stems that accent the feathery fronds. It will gradually form a large clump.</p> <p>Plant in shade in a slightly acid, moist fertile soil.</p>
Perennial: Fern	Athyrium 'Ghost'	Hybrid Lady Fern	Year Round	Shade	2'	<p>A variant of the Japanese painted fern, this ghostly gem is even more silvery-gray. Its fine texture and pale foliage make it a great accent in shady areas.</p> <p>This plant is happy in average soil and will spread slowly.</p>
Perennial: Fern	Dryopteris marginalis	Marginal Shield Fern	Year Round	Sun to Partial Shade	24-30"	<p>Dark green, evergreen, upright fronds; a strong, sturdy grower.</p> <p>Will tolerate sun and dry spells if they occur.</p>
Perennial: Fern	Matteuccia struthiopteris	Ostrich Fern	Spring to Fall	Partial Shade to Shade	2-4'	<p>In the spring, emerging fronds create beautiful fresh green growth that forms bold, vase-shaped, erect clumps in the summer. Native to our moist woodlands or stream edges, this majestic fern needs rich, moist soil.</p> <p>Spreads by vigorous stolons and, in favorable conditions, can cover large areas.</p>

TypeDesc	Botanical Name	Common Name	Season of Interest	Exposure	Size	Description
Perennial: Fern	Osmunda cinnamomea	Cinnamon Fern	Spring to Fall	Partial Shade to Shade	2-5'	<p>Cinnamon fern derives its name from its first leaves which unfold in the spring and are erect and covered with brown spore capsules, resembling cinnamon sticks. These are followed by larger, coarse-textured fronds.</p> <p>Osmunda ferns prefer moist, acid soils and are handsome additions to wet woodland or stream-side gardens.</p>
Perennial: Fern	Osmunda regalis	Royal Fern	Spring to Fall	Shade	3'	<p>Bright brown plumes emerge from the ground in spring. Leafy, lance-shaped fronds are attractive all season long.</p> <p>Prefers an acid soil and a lot of moisture.</p>
Perennial: Fern	Polystichum acrostichoides	Christmas Fern	Year Round	Partial Shade to Shade	18-24"	<p>Native throughout the North American woodlands, Christmas fern derives its name from its evergreen foliage. The new fronds emerge in spring covered with silvery hairs, then become a glossy green.</p> <p>Happy in average, well-drained soil. Withstands considerable abuse once established.</p>