

**PERENNIALS AND PERENNIAL GRASSES**

COMMON NAME	BOTANICAL NAME	LIGHT	SIZE	CHARACTERISTICS & COMMENTS	SPECIAL CHARACTERISTICS
Lily of the Nile	Agapanthus africanus	Sun	24-30" h	Clumps of arching foliage with summer flowers . The flowers are funnel-shaped in round, terminal clusters on a 24 to 30 inch stalk. Offers a detail design to the landscape	One of the best perennials for container culture.
Butterfly Iris	Dietes vegeta	Sun	24-30" h	Narrow, swordlike evergreen foliage giving an unusually clean, refined appearance. A great detail design in the landscape	Clump-forming that needs to be divided every 3-5 years.
Daylilies	Hermerocallis	Sun	dwarf 2' & larger varieties up to 4'	Foliage of narrow-keeled bright green leaves with a bell shaped flower. Many bright colors . Great as bedding plants or as a border plant	
Louisiana Iris	Iris hybrids	Sun	2'-3' h	Straplike leave, 1 to 3 feet long, forming a fan at the base. Has a long blooming season. Used often in naturalistic settings on the edge of ponds and pools	
Lantana	Lantana camara	Sun	2 h x 3 w	Great ground cover with showy flowers. Drought tolerant	Can become invasive
Creeping Phlox	Phlox subulata	Sun, part-sun	1-2' h	A highly popular garden perennial that works well as a border for spring azaleas	
<b>PERENNIAL GRASSES</b>					
Dwarf Pompus Grass	<i>Cortaderia selloana</i> 'Pumila'	Sun	3'h	Dwarf and more cold hardy version of tender pampas grass that may be semi-perennial once established.	Fluffy white flower heads.
Miscanthus Grass 'Adagio'	Miscanthus Sinenis 'Adagio'	Sun	2'h	A showy grass that forms a vase-shaped clump of long, arching, light green leaves.	Summer and fall blooms reach to 3 feet high.
Zebra Grass	Miscanthus sinensis 'Zebrinus'	Sun	7'h	A perennial with horizontal whitish-gold banded variegated foliage and upright form	
Purple Fountain Grass	Pennisetum alopecuroides setaceum 'Rubrum'	Sun	3-4'h 2-3'w	An annual grass that is used in beds and containers. A vigorous grower.	Its foxtail like plumes appear in mid summer and last until frost.

VINES

COMMON NAME	BOTANICAL NAME	LIGHT	SIZE	CHARACTERISTICS & COMMENTS	SPECIAL CHARACTERISTICS
Trumpet Creeper	<i>Campsis radicans</i>	Sun or shade	20-30'	A native flowering vine that most often is seen growing on utility poles or walls. Has a orange-scarlet, trumpet shaped flower that blooms summer through fall	Thrives with little or no care
Clematis	<i>Clematis hybrids</i>	Sun or shade	20-30'	A vigorous growing vine with white, lacy star-shaped flowers. Blooms in late summer.	Great for fences, arbors, and other structures
Climbing Fig	<i>Ficus pumila</i>	Sun or part sun	60' or more	A popular clinging vine for wall coverings. Drought and heat tolerant.	Very aggressive, so pruning heights can be maintenance nightmares.
Carolina Jessamine	<i>Gelsemium sempervirens</i>	Sun to part sun	20' vines	Fragrant yellow spring flowers on a twining vine. Can be used as a ground cover but is most commonly used on overhead structures or chainlink fence.	
Lady Banksia Rose	<i>Rosa Banksiae</i>	Sun	20' vine	A popular spring flowering nearly evergreen vine.	Very vigorous, fast-growing vine which requires considerable pruning if planted in a confined space.
Confederate Jasmine	<i>Trachelospermum jasminoides</i>	Sun to part-sun	20' vine	A climbing vine with dark green foliage with fragrant, white, star-shaped flowers in the spring	Easy to grow.
Muscadine Grape	<i>Vitis rotundifolia</i>	Sun to part-sun	30-40' vine	A native fruiting vine that's fast growing, and climbs by tendrils on any material in its path. Edible fruit matures in mid to late summer.	
Chinese Wisteria	<i>Wisteria sinensis</i>	Sun, part-sun	great heights	Fast-growing, twining, deciduous vine with purple spring flowers.	Can take over if not pruned.

**GROUND COVERS, FERNS, LOW SHRUBS**

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Carpet Bugle	<i>Ajuga reptans</i>	Shade	3-6" h	Evergreen. Very low, spreading herbaceous ground cover. Susceptible to crown rot disease. Requires watering during hot dry periods. Best in part-shade.	Many varieties offer choices of foliage in bronze, green, maroon, and maroon variegated. Blue spike flower 3" - 6" high in spring.
Coral Ardisia	<i>Ardisia crispa</i>	Shade, part shade	18"h x 1' w	A small compact evergreen with glossy green foliage and bright red fruit. Great for mass plantings	Tender - needs protection. Reseeds itself freely where adequate mulch is provided. Will not tolerate full sun.
Cast-Iron Plant	<i>Aspidistra</i>	Shade, part shade	18-30" h	Evergreen. Dark green to variegated coarse textured foliage. Leaves are broad and lance-like.	Excellent shade plant. Very good for floral decoration. Good tropical effect.
Hollyleaf Fern	<i>Cyrtomium</i>	Shade	2-3' h	Coarse textured, handsome fern that grows 2 - 3 feet tall.	Large
Purple Wintercreeper	<i>Euonymus Fortunei 'Coloratus'</i>	Sun, part-sun	24"	Evergreen. A very popular wintercreeper. Very good for large areas. Susceptible to powdery mildew. Fall colors are best if planted in the sun.	Dark green foliage turning purple in winter.
Wild Strawberry	<i>Fragaria Chiloensis</i>	Sun		Perennial that has a white bloom in the early spring and produces a red fruit. Fairly drought tolerant.	
English Ivy	<i>Hedera helix</i>	Shade, Part shade	30-40' vine or 6-10" ground cover	Perennial that has a white bloom in the early spring and produces a red fruit. Fairly drought tolerant.	Dark green or variegated foliage.
Hosta	<i>Hosta species</i>	Semi-shade	12-15"	Broad, lance shaped foliage with spiked white, blue, or lilac flowers in summer and autumn. A great design detail or great for borders	Look for species that perform well in Zone 9
Shore Juniper	<i>Juniperus conferta</i>	Sun	12" h x 6-8" wide	Evergreen. Excellent ground cover, will cascade over walls. Highly drought tolerant	Soft blue-green to gray-green needles. "Blue Pacific" is a successful variety in our area.
Big Blue Liriope	<i>Liriope muscari</i>	Sun, Part-sun, shade	12-18" h	Evergreen. Excellent border and ground cover. Spreads slowly, space 12' x 12' for quick cover. Many varieties available including those with variegated foliage. Responds well to fertilizers.	Violet to lilac or white flower spike above foliage in summer. Glossy black berries on spikes in fall.
Moneywort	<i>Lysimachia nummularia</i>	Sun, Part-sun	3-4 " h	An evergreen ground cover with yellow-green foliage. Spreads rapidly. In full sun offers yellow flowers in the summer.	Effective along edges of pools where growth is allowed to cascade over sides.

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COMMON NAME	BOTANICAL NAME	LIGHT	SIZE	CHARACTERISTICS & COMMENTS	SPECIAL CHARACTERISTICS
Mondo Grass	<i>Ophiopogon japonicas</i>	Shade	9" h	Evergreen. Fine dark green or variegated foliage. Vigorous, dependable, adapted to wide variety of soil conditions. Excellent ground cover. Spreads by underground stolons. Drought tolerant.	May be mowed on a high setting in late winter to improve a carpetlike quality. Cut by hand if new shoots have developed.
Dwarf Mondo Grass	<i>Ophiopogon japonicus</i>	Part-sun, shade	4-6 " h	Evergreen. Dark green grass that can be planted between stones on a path to give the path a natural, established look.	
Rosemary	<i>Rosmarinus</i>	Sun, part-sun	2' h x 2' w	Scented, needlelike bushy-gray foliage. A great rock garden plant or container plant.	Culinary herb.
Dwarf Bamboo	<i>Sas pygmaea</i>	Sun, Part-sun, shade	12" h	Dense, vigorous, matting ground cover. Wise to contain it in areas sided by walks, walls, or buildings. Spreads aggressively.	Use clumping only.
Asiatic Jasmine	<i>Trachelospermum asiaticum</i>	Sun, part-sun	10-18" dense mat	Evergreen. Dark green foliage. Spreads rapidly. Used most commonly as a ground cover but will climb fences and trellises. Cascades over walls.	
Bigleaf Periwinkle	<i>Vinca major</i>	Part-sun, shade	10-12 " h	Evergreen. Glossy medium green foliage. Very vigorous. Spreads rapidly. Easy to establish and grow. Difficult to confine in small areas. Variegated form available. Will cascade over walls.	
Littleleaf Periwinkle	<i>Vinca minor</i>	Part-sun, shade	6-8" h	Evergreen. Dwarf form. Glossy, dark green to blue green foliage. Better suited for residential landscapes. Blooms in early spring. Excellent ground cover. Available in variegated form also.	Flowers are blue or white star-shaped

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Compacta Abelia	<i>Abelia x grandiflora</i> 'Prostrata'	Sun	3' h	Flowers on new wood. Tolerates city conditions well. Attracts bees. Growth rate medium fast.	White trumpet flower. 'Frances Mason' noted for its yellow variegated foliage.
Dwarf Red Barberry	<i>Berberis thunbergi</i>	Sun, part-sun	2'h x 3'w	Semi-evergreen. Foliage develops and maintains color. Best in full sun. Several cultivars available.	Wine-red foliage. Flowers are small and yellow before leaves, in spring. Red fruit in fall into winter.
Dwarf Sasanqua	<i>Camellia sasanqua</i> 'compacta'	Part-sun	4'h x 2' w	Shiny, dark green foliage with delicate flowers in the fall and early winter	
Sago Palm	<i>Cycas revolute</i>	Sun, part-sun	4' h x 5'w	Palm-like but not a true palm. Great accent plant that is drought tolerant	Truly a zone 9 plant that is not winter hardy
Dwarf Gardenia	<i>Gardenian jasminoides</i> 'Prostrata'	Sun, Part-sun, shade	2'hx 2'w	Evergreen with dark green foliage. Soft-mounding form. Perfers acid soil (ph 4.5 to 5.5) and good drainage. Chlorosis common problem due to lack of iron.	White flowers are very fragrant in early summer. New frost proof variety.
Carissa Chinese Holly	<i>Ilex cornuta</i> 'Rotunda	Sun, part-sun	3'h x 3'w	Low, dense shrub that can be used as a hedge or as a barrier plant	Leaves have sharp spines that make pruning uncomfortable.
Dwarf Yaupon Holly	<i>Ilex vomitoria</i> 'Nana''	Sun, part-sun	2'h x 2'w	Small leafed evergreen that has a mounding form. Well suited for low hedges.	Insect free
Compact Nandina	<i>Nandina domestica</i> 'Compacta'	Sun, part-sun	2'h	An upright, oval form with fluffy green foliage that is tinged with red.	Not a plant to be sheared, but prune by removing canes. Often used in mall plantings.
Plumbago	<i>Plumbago auriculata</i>	Sun, part-sun	2'h x 3'w	An oval, mounded to semi-climbing shrub with soft arching branches and a sky-blue, terminal cluster flower	To flower, needs full sun.
Indian Hawthorn	<i>Raphiolepis indica</i>	Best - direct morning sun	3'h x 4'w	A dense mounding evergreen that offers profuse blooming in the spring.	A hardy plant the is often used in municipal plantings.
Encore Azalea	<i>Rhododendron oldhamii</i>	Part sun, shade	2'h x 2'w	An azalea hybrid that blooms at least twice a year. Not a prolific bloomer but adds spring and fall color to the garden.	Many color varieties.

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Knockout Rose	<i>Rosa 'Radvazz'</i>	Sun	4'w x 4'h	The new dazzler in residential, commercial, and municipal landscapes. Prolific bloomer and fairly disease free.	Blooms spring through fall. Prune in February and again in September. Not necessary to dead head, but does encourage blooming.

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Glossy Abelia	<i>Abelia grandiflora</i>	Sun, Part-sun, shade	6'h x 6'w	Semi-evergreen. A very versatile and well-adapted shrub. Few insects and diseases; tolerates many soils. Excellent for hedges. Will grow much taller with age. Attracts bees. Best in sun.	Greenish-purple foliage. Snowy white bell-shaped flowers from spring to summer.
Japanese Littleleaf Boxwood	<i>Buxus microphylla</i>	Sun, part-sun	3'h x 2' w	Evergreen. Glossy yellow-green foliage. Very popular and hardy boxwood. Will grow to a height of 5 to 6' but can be kept pruned to a small shrub for many years.	
American Beautyberry	<i>Callicarpa Americana</i>	Sun, part-sun	6'h x 6'w	Deciduous. Native open sprawling shrub. Tolerates many soils. Berries good for birds.	Has very attractive dense clusters of purple berries in late fall.
Scarlet Bottlebrush	<i>Callistemon citrinus</i>	Sun	6'h x 4'w	A somewhat open and upright form with gray-green leaves scattered along stem. Bright red bristlelike flowers in late spring and early summer.	Drought tolerant but may be killed back in severe winters.
Camellia	<i>Camellia japonica</i>	Sun, part-sun, shade	8'h x 5'w	Large evergreen noted for flowers. Best used as a specimen and accent plant. Needs well drained and acid soil. Very susceptible to scale. Many excellent varieties available. As shrub matures can be pruned as a small tree.	Flowers in late fall, winter or spring. Red, pink , or white flowers.
Sasanqua	<i>Camellia sasanqua</i>	Sun, part-sun, shade	8'h x 5'w	Large evergreen noted for flowers. Excellent for hedges, screen, espalier, and barriers. Large and more rambling growth habit than <i>Camellia japonica</i> .	Flowers in fall to early winter. Flowers red, pink or white.
Summersweet	<i>Clethra alnifolia</i>	Sun, part-sun	7'h x 5'w	A deciduous shrub with green leaves that turn yellow green in the fall. A showy bush.	Has white flowers in July and August.
Japan Cleyera	<i>Cleyera japonica</i>	Sun, part-sun	8'h x 4'w	Excellent evergreen shrub. Upright, slow grower. Can be maintained as a medium clipped hedge.	Dark glossy green to reddish-bronze foliage. Fragrant white flowers in spring.
Gold Spot Euonymous	<i>Euonymus japonica</i>	Sun, part-sun, shade	4'h x 2'w	Evergreen. Mass border. Great shrub for floral arrangements.	Leaves have yellow blotches and green edges.

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Japanese Aralia	<i>Fatsia japonica</i>	Part-sun, shade	4'h x 4'w	Evergreen. Excellent detail shrub with large dark glossy green leaves. Deeply lobed. Responds well to water and fertilizer. Leaves may yellow in too much sun. Gives tropical effect. Winter damage is moderate.	Creamy white clustered flowers in fall. Blue-black berries in winter.
Golden Bells	<i>Forsythia intermedia cv</i>	Sun, part-sun	5'h w 4'w	Deciduous. Arching branches. Easy to grow. Many new varieties are much improved. Long time favorite. Great use for fence lines.	Dark green leaves turning reddish-bronze in fall. Brilliant yellow spring flowers on arching branches. Never shear. Prune by removing canes from the base of the plant.
Gardenia	<i>Gardenia jasminoides</i>	Sun, part-sun	5'h x 5'w	Evergreen shrub with dark green foliage and wonderful, fragrant, white flowers in the summer	If it likes its location, it's a great performer but plants can become yellow if the soil is heavy with poor drainage.
Bigleaf Hydrangea	<i>Hydrangea macrophylla</i>	Part-sun, shade	4'h x 4'w	Deciduous. Flower color controlled by adjusting pH of soil. Acid soil produces blues, whereas alkaline soils produce pink. Lime soil for pink flowers.	Large pink or blue flowers in early summer.
Oakleaf Hydrangea	<i>Hydrangea quercifolia</i>	Part-sun, shade	6'h x 4'w	Deciduous. Best known for its elongated creamy-white flowers in late spring and red to purple leaves in the fall.	Sensitive to heavy, poorly drained soil. Flowers are few in dense shade.
Dwarf Burfordi Holly	<i>Ilex cornuta 'Burfordi Nana'</i>	Sun, part-sun	5'h x 3'w	An evergreen with an upright form. Leaves have a spiney tip. Dense foliage that is good for hedge or barrier	Small white flowers that attract bees in the spring. Red berries in the fall.
Loripetalum	<i>Loropetalum chinese</i>	Sun, part-sun	6-10'h x 5'w	Loved for its purple leaves and spring flowers, but little realized fact that it grows into a understory tree size.	Caution in choosing a location.
Leatherleaf Mahonia	<i>Mahonia Bealia</i>	Shade	6'h x 3'w	An excellent specimen shrub known for its coarse textured, hollylike foliage, winter flowers, and grapelike berry clusters in early summer.	Wildlife food.
Banana Shrub	<i>Michelia figo</i>	Sun, part-sun	15'h x 8'w	An upright evergreen with an oval form. Can be used as a large shrub or pruned as a small tree.	Very fragrant, banana scented, creamy-yellow flower in the spring.



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Nandina	<i>Nandina domestica</i>	Sun, part-sun	4'h x 3'w	An upright oval form in clumps with foliage at top of stiff canes. Must not be sheared, but pruned by removing tallest canes down to the base of the plants. If pruned correctly, adds an airy softness to the landscape.	Noted for its bright red berries in the autumn and winter.
Yellow Native Azalea	<i>Rhododendron austrinum</i>	Sun, part-sun	6'h x 5'w	Also known as the Florida azalea produces golden yellow to scarlet with orange blotch blooms. Requires full sun to flower well.	
Honeysuckle Azalea	<i>Rhododendron canescens</i>	Sun, part-sun	6'h x 5'w	A large native azalea. Wonderful addition to the garden with its pink to white fragrant flower that blooms in the spring	
<b>Southern Indica Azalea</b>	<i>Rhododendron indica 'cvs'</i>	Part-sun, shade	6-10'h x 6-10'w	Mounded broad spreading, evergreen shrub. Medium to dark green foliage. Best suited for massive plantings as borders, backgrounds, screen and naturalistic plantings. Must have drained, acid soil with high organic matter content.	Flower in white, red, lavender, rose, pink, orchid, salmon and magenta in spring.
Reeve's Spirea	<i>Spirea reevsiana</i>	Sun, part-sun	5'h x 5'w	Deciduous. Upright growth with arching branches. Also called Spirea cantoniensis. Best in full sun. Prune after blooming by removing longest branches all the way to the base of the plant.	White flowers in spring. A favorite to group with azaleas.
<b>BELOW ARE LISTED NATIVE SHRUBS THAT ARE WORTHY OF NOTE BUT NOT OFTEN FOUND IN LOCAL NURSERIES</b>					
Red Buckeye	<i>Aesculus pavia</i>	Sun, part-sun	8'h x 6'w	A deciduous shrub with an oval to irregular form and is sometimes listed as a small, deciduous tree as it can grow to 15 feet. Noted for its red flowers in early spring and coppery new growth.	Has a hard nut that is produced in the summer and opens to seed in the fall. Hard to transplant, but germinates quickly from seeds if planted after they mature in late autumn.
Tag Alder	<i>Alnus serrulata</i>	Sun, part-sun	10' h	A tree/shrub that blooms each spring. Can grow to 10' in 20 years.	

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Witch Alder	<i>Fothergilla major</i>	Part-sun	10'h x 5'w	A native deciduous shrub that works well as an understory shrub. Upright to pyramidal form. Leaves are about 2 to 5 inches, pale green and turn yellow in the fall.	Creamy-white cluster flowers appear about the same time that the leaves come out. Not too often found in retail nurseries, but worthy of more use.
Dwarf Huckleberry	<i>Gaylussacia</i>	Part-sun, shade	6'h x 4'w	A slow growing, semi-evergreen shrub that is prevalent in pine woodlands.	Small, pinkish white bell shaped flowers that bloom in late winter and early spring. Produces an edible fruit. Not carried by many nurseries.
Bigleaf Gallberry Holly	<i>Ilex coriacea</i>	Part-sun, shade	8'h x 5'w	An evergreen shrub that is well suited for wet sites in naturalistic settings. Has an upright, oval form. A slow grower. Can grow up to 12 feet	Produces a small flower in the spring followed by a black berry.
Winterberry Holly	<i>Ilex verticillata</i>	Sun, part-sun	10'h x 8'w	A native evergreen shrub that grows well in a wide range of acid soils. Has a simple elliptic leaf, but best know for it's attractive red fruit. Foliage is yellow-green, but turns a blackish brown after the first frost.	
Virginia Sweetspire	<i>Itea virginica</i>	Part-sun, shade	4'h x 3'w	A native, deciduous, flowering shrub that offers red color in the fall. Has an irregular natural form , is medium in size and grows best in moist to wet soils.	
Leucothoe	<i>Leucothoe axillaris</i>	Sun, part-sun	3'h x 3'w	Small evergreen shrub that is shade tolerant but performs best in moist acid soil in full sunlight. Has fragrant, spring flowers and attractive copper color new foliage.	
Staghorn sumac	<i>Rhus typhina</i>	Sun, part-sun	6' h or larger	A deciduous shrub/tree with brilliant red color in the fall. Has a flat-topped canopy with horizontal branches.	Spreads by seed and rhizomes thus growing aggressively and forming tree colonies.
Dwarf Palmetto	<i>Sabal minor</i>	Sun, part-sun	3'h	A low fan palm	Frost tolerant
Elliot's Blueberry	<i>Vaccinium elliotii</i>			Semi-evergreen native shrub that grows to a medium height and has a red autumn color.	Small, pinkish white bell shaped flowers that bloom in late winter and early spring. Produces an edible fruit. Not carried by many nurseries.

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Arrow-wood Viburnum	<i>Viburnum dentatum</i>	Sun, part-sun		Large native shrub or a small tree that grows upright with arching branches. Has showy autumn color Use as and understory tree or in woodland edges.	Produces flat cluster flowers in April-May and has a showy fall fruit.

COMMON NAME	BOTANICAL NAME	LIGHT	SIZE	CHARACTERISTICS & COMMENTS	SPECIAL CHARACTERISTICS
<b>I. SMALL DECIDUOUS TREES</b>					
Japanese Maple	<i>Acer palmatum</i>	Sun, part-sun, shade	15'h x 10'w	Upright small tree with rounded top. Excellent small tree with interesting foliage. Slow grower. Recommended cultivars are: 'Atropureum dissectum', 'Burgandy Lace', and 'Dissectum Atropureum'	Foliage is red in spring, olive-green in summer and scarlet in fall.
Redbud	<i>Cercis canadensis</i>	Sun, part-sun	20'h x 15'w	Excellent for a wide range of soils. Does not have a long life span.	Spring flowers bright purple, but white flowering variety is available. Fo purple flower consider 'Forest Pansy'
Fringe Tree	<i>Chionanthus virginicus</i>	Sun, part-sun	20'h x 12'w	A native, upright, rounded crown tree. Dark green-blue foliage with yellow autumn color. Drought tolerant	Doesn't bloom until it is 3-5 years old. Very showy while in bloom but otherwise rather nondescript.
Dogwood	<i>Cornus florida</i>	Part-sun, shade	20'h x 20'w	Definitely an understory tree. Do not plant in full sun. Needs well drained soil. Susceptible to diseases. An area favorite during the Azalea Festival.	Excellent white flowers in spring and excellent fall foliage. In 2009, most were gone in the area.
Thornless Honey Locust	<i>Gleditsia tricanthos 'inermis'</i>	Sun	40'h x 25'w	Recommended by Norman winter for street trees. Upright and broad with strong winter branch patten. Bright green foliage. Excellent new cultivars include, 'Morraine', 'Imperial', 'skyline', 'sunburst', 'shademster' and 'Rubylace'. Very hardy and tolerant to a wide range of soils. Susceptible to web worms.	Foliage yellow in fall.
Holly (deciduous)	<i>Ilex decidua</i>	Sun, part-sun	12'h x 8'w	A native large shrub or small tree that prefers moist, fertile, slightly acid soil. Has an upright to spreading form with an irregular, relatively open crown. Used in roadside plantings.	The female plant has white, clustering flowers along the stem. Blooms in April. Red to orange berries in late fall and winter.
Golden Raintree	<i>Koelreuteria paniculata</i>	Sun, part-sun	20'h x 25'w	A fast growing popular shade tree that has a broad-spreading, oval to rounded canopy	Has a showy, yellow flower in June.

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Crape Myrtle	<i>Lagerstoroemia indica</i>	Sun, part-sun	20'h x 15'w	Upright to rounded tree. Dull, dark green foliage. Excellent summer flowering tree. Many varieties available. Susceptible to aphids, sooty mold, and powdery mildew.	Known as the tree that blooms for 100 days. Wide variety of summer flowers. Decide on color and use that one throughout the landscape.
Japanese Ligustrum	<i>Ligustrum japonicum</i>	Sun, part-sun	20'h x 15'w	Dark green evergreen with narrow upright branches and oval to rounded canopy. Trained as a multi-trunked, small tree. Heat and drought tolerant.	White flies are major problem. Fragrant white flowers in the spring are known to irritate allergies.
Tulip Magnolia	<i>Magnolia quinquepeta</i>	Sun, part-sun	12'h x 10'w	Has an upright, oval shrubby form that becomes umbrellalike with a distinctive broad spreading canopy as a mature specimen.	A February bloomer known for its purple flowers. Today varieties of white and pink flowers available.
Japanese Flowering Crabapple	<i>Malus floibunda</i>	Sun, part-sun	20'h x 15'w	Rounded form with dense branches and foliage. Susceptible to fire blight.	Prolific flowers in early spring. Pink buds open white. Yellow-red fruit late summer and fall.
Vitex	<i>Vitex Agnus-castus</i>	Sun, part-sun	10'h x 8'w	Can be a small tree or a large shrub. Upright to rounded form, with a rather dense canopy. A good sidewalk plant.	An old garden plant that flowers in the summer. Flowers are terminal spikes of pink, lavender or white.
<b>II. SMALL EVERGREEN TREES</b>					
Camellia	<i>Camellia japonica</i>	Sun, part- sun, shade	8'h x 5'w	Large evergreen noted for flowers. Best used as a specimen and accent plant. Needs well drained and acid soil. Very susceptible to scale. Many excellent varieties availble. As shrub matures can be pruned as a small tree.	Flowers in late fall, winter or spring. Red, pink , or white flowers.
Loquat	<i>Eriobotyra japonica</i>	Sun, part-sun	15'h w 12'w	Greenish-gray leaves. Drought resistant. Excellent for city tree plantings.	Late autumn flower. Fragrant but not showy.
Savannah Holly	<i>Ilex opaca 'Savannah'</i>	Sun, part-shade	25'h w 20'w	A slow grower that is noted for its dense pyramidal form.	Bright red berries in the fall of female plants.
Pfitzer Juniper	<i>Juniperus chinensis</i>	Sun	6'h x 8'w	Broad, wide-spreading shrub with horizontally spreading branches. Grows to 6 to 8'	

**GROUND COVERS, FERNS, LOW SHRUBS**

COMMON NAME	BOTANICAL NAME	LIGHT	SIZE	CHARACTERISTICS & COMMENTS	SPECIAL CHARACTERISTICS
Japanese Black Pine	<i>Pinus thunbergiana</i>	Sun, part-sun	15'h x 8'w in 10 years	This is an accent specimen that is frequently used in plantings where an oriental character is appropriate. It has a broad spreading form with prominent horizontal branching.	One of the few pines which can be pruned to control its form.
Arbovita (Many varieties)	<i>Thuja occidentalis</i>	Sun, part-sun	10'h x 6'w	Large, evergreen tree or shrub that grows in a conical form. With advanced age the form of the tree is somewhat irregular and cedar like.	Best used for screening, hedges.

COMMON NAME	BOTANICAL NAME	LIGHT	SIZE	CHARACTERISTICS & COMMENTS	SPECIAL CHARACTERISTICS
<b>I. MEDIUM DECIDUOUS TREES</b>					
River Birch	<i>Betula nigra</i>	Sun, part-sun	30'h x 20'w	Fast growing, native tree. Single or multiple trunks. Tolerant of moist soils.	Has interesting, coarse, shaggy bark.
Deodar Cedar	<i>Cedrus deodara</i>	Sun	30'h x 15'w	Excellent tree with blue-gray foliage. Interesting branch pattern. Long life. Good for screens and cut foliage.	Pyramidal, graceful branch pattern
Ginkgo (male only)	<i>Ginkgo biloba</i>	Sun, part-sun	50'h x 30'w	Be sure to use the male variety because fruit is produced by the female variety and it has an unpleasant odor. Good street tree. Slow growth rate	Beautiful, yellow fall foliage.
Sourwood	<i>Oxydendrum arboreum</i>	Sun, part-sun	40'h x 15'w	This is a much admired tree. Upright-pyramidal form with slightly drooping branches. It is sensitive to environmental stress so it is seldom used in urban environments. Red autumn color.	Flowers are creamy white, one-third inches long in terminal drooping, one-sided racemes on end of branches. If planted next to a sidewalk, requires lots of sweeping.
Pistachio	<i>pitacia chinensis</i>	Sun	35'h x 25'w	Drought tolerant. Planted for fall color of scarlet to golden yellow. Durable tree, wind resistant. Growth rate medium.	
Winged Elm	<i>Ulmus alata</i>	Sun, part-sun, shade	80'h x 50' w	An outstanding choice for many uses where a medium-sized shade tree is needed. A street and sidewalk tree.	Fast grower with yellow autumn color.
<b>II. MEDIUM EVERGREEN TREES</b>					
Leyland Cypress	<i>Cupressocyparis x leylandii</i>	Sun, part-sun, shade	Can grow to 75' in 15 years	This is an intergeneric hybrid. Transplants easily from containers. Growth rate very fast. Great to use as a screen but allow spacing for air flow between trees.	
American Holly	<i>Ilex opaca</i>	Sun, part-sun	25'h x 20'w	Dense evergreen tree. Most are very good for specimen, screen, or accent. Cultivars include: 'Howardi', 'East Palatka', 'Savannah'.	Showy, fall-winter berries.
Sweet Bay Magnolia	<i>Magnolia virginiana</i>	Sun, part-sun, shade	30'h x 20'w	Semi-evergreen. Native magnolia in Mississippi with an upright, columnar form. Prefers moist, acid soil. Use as specimen or accent.	Leaves grayish-green and silvery-white beneath.

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COMMON NAME	BOTANICAL NAME	LIGHT	SIZE	CHARACTERISTICS & COMMENTS	SPECIAL CHARACTERISTICS
Spruce Pine	<i>Pinus glabra</i>	Sun	25'h x 20'w	Native tree that thrives in moist, fertile, slightly acid soil. Young trees have a broad, oval form with dense branching near the bottom. Older trees have a more open, irregular form.	



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COMMON NAME	BOTANICAL NAME	LIGHT	SIZE	CHARACTERISTICS & COMMENTS	SPECIAL CHARACTERISTICS
<b>I. LARGE DECIDUOUS TREES</b>					
Red Maple	<i>Acer rubrum</i>	Sun, part-sun	40'h x 30' w	Dense, oblong to oval head. Fast growing native tree. New cultivars include 'Autumn Flame', 'Red Sunset', and 'October Glory'.	
Sugar Maple	<i>Acer saccharinum</i>	Sun	40'h x 30'w	A fast growing tree when its young. Has a broad oval form. Short lived, usually less than 20 years	Autumn color. More consistant in the upper South.
Pecan	<i>Carya illinoensis</i>	Sun, part-sun	60'h x 40'w	Broad oval form with radiating branches,often massive in size. Long-lived deciduous tree with edible nut. Autumn color,and drought tolerant.	Many diseases affect nut production.
Southern Shagbark Hickory	<i>Carya ovata</i>	sun, part-sun	60'h x 40'w	Large tree with stout limbs and broad spreading canopy. Usually dominant in a landscape because of its towering height and late autumn color	Spring catkins produce an edible fruit.
Mockernut Hickory	<i>Carya tomentosa</i>	Sun, part-sun	60'h x 40'w	Large tree in the walnut family. Can live 500 years. Autumn color	Spring catkins produce an edible fruit.
Green Ash	<i>Fraxinus pennsylvanica</i>	Sun, part-sun	50'h x 30'w	Upright, oval to rounded form. A long-lived shade tree and a good street tree.	Yellow autumn color.
Butternut Hickory	<i>Juglans cinerea</i>	Sun, part-sun	50'h x 40'w	Round to oval form with a rather open canopy. Autumn color.	Spring catkins produce an edible fruit.
Tulip Poplar	<i>Lirioden tulipifera</i>	Sun, part-sun	50'h x 25'w	Strong vertical growth with yellow-green leaves. A member of the Magnoliaceae family and native to Mississippi. Very susceptible to scale.	Tulip-like flowers in early summer.
Black Gum (Tupelo)	<i>Nyssa sylvatica</i>	Sun, part-sun	50'h x 30'w	Narrow, upright, pyramidal form with strong horizontal branching with slightly drooping tips. An excellent shade tree.	Very early autumn color as leaves turn scarlet.
White Oak	<i>Quercus alba</i>	Sun, part-sun	75'h x 50'w	Native oak with broad, round shape. Leaves deeply lobed with rounded tips. Dried winter leaves persist for long period. Long life	
Nuttall Oak	<i>Quercus nuttallii</i>	Sun, part-sun	40'h x 25'w	This is an outstanding shade tree with an oval to rounded canopy. It's a long-lived tree with autumn color. Tolerance to soil extremes.	Excellent tree for mass plantings where highly predictable and consistent forms are needed. Relatively pest free.

COMMON NAME	BOTANICAL NAME	LIGHT	SIZE	CHARACTERISTICS & COMMENTS	SPECIAL CHARACTERISTICS
Shumard Oak	<i>Quercus shumardii</i>	Sun, part-sun	50'h x 40'w	Very attractive symmetrical tree. Acorn 3/4 to 1 1/4 inches long. Growth rate is medium fast.	Fall color.
Sycamore	<i>Plantanus occidentalis</i>	Sun, part-sun	70'h x 40'w	Upright, oval to pyramidal form. Very fast growing. A large shade tree. Yellow autumn foliage.	Very large yellow green leaves with a white trunk. A raking nightmare in the fall.
White Oak	<i>Quercus alba</i>	Sun, part-sun	65'h x 50'w	A long-lived tree with a massive, broad tree top. Limbs stike out a wide angles.	Dark red autumn color.
Southern Red Oak	<i>Quercus falcata</i>	Sun, part-sun	80'h x 50'w	Upright-oval to broad oval canopy. An excellent shade tree with reddish-brown autumn color. A long-lived tree with great strength.	
Willow Oak	<i>Quercus phellos</i>	Sun, part-sun	60'h x 40'w	A high branching tree with a rounded to conical crown. Well adapted for street and parkway plantings. Medium growth rate.	
Post Oak	<i>Quercus stellata</i>	Sun, part-sun	45'h	This tree gives a rugged appearance and has a distinctive leaf with 3 perpindicular terminal lobes.	
<b>II. LARGE EVERGREEN TREES</b>					
Cryptomeria	<i>Cryptomeria japonica</i>	Sun	30'h x 20'w	A successful tree when planted in well-drained soil with considerable sunlight. Upright with pyramidal form. Broad spreading branches with soft plumey foliage	
Southern Magnolia	<i>Magnolia grandiflora</i>	Sun, part-sun	40'h x 25'w	Large, coarse, dark green leaves often vary in shape from tree to tree. State flower of Mississippi. Use as a specimen or screen/background. Susceptible to Magnolia leaf spot.	Large, white, fragrant blooms in May. Fruit - a cone with red berries.
Red Cedar	<i>Juniperus virginiana</i>	Sun	30'h x 15'w	The most widely distributed conifer of tree size in North America. Has slender branches and a conical canopy. Grows well in full sun and poor, thin soil with limestone outcrops. An impressive avenue tree, frequently used in hedgerows.	
Long Leaf Pine	<i>Pinus palustris</i>	Sun	60'h x 30'w	Fast growing. Tall and narrow. Best used for naturalistic cluster.	