Horry County Landscaping Manual

This book is laid out to assist the designer in providing for the correct type of plant in the correct location. While it does not include every plant that may successful live and flourish in this area, it does provide a selection of acceptable plant material for use within the County. It also includes a section at the end of plant materials that are prohibited due to their invasive nature or other unwanted attributes.

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We would like to thank Brookgreen Gardens for allowing us to come out and photograph various trees and shrubs for this book.

Cover photo – Oak Allee at Brookgreen Gardens

Canopy Trees - Deciduous

Quick Look

Scientific Name
Acer rubrum
Common Name
Red Maple
Growth Rate
Moderate - Fast
Height
40 – 60’
Width
25 – 35’
Fall Color
Red
Shape
Variable

- Native

Uses: Lawn, Streets, Parks, Golf Courses, Residential
Protect thin bark on young plants/Hardy tree but can have problems with heat/Many cultivars are available that are better suited for the area than the species; October Glory, Brandywine, Red Sunset, Summer Red or Autumn Flame

Canopy/Deciduous

Quick Look

Scientific Name
Acer saccharum 'Legacy'
Common Name
Legacy Sugar Maple
Growth Rate
Slow
Height
40 –50'
Width
25 – 35'
Fall Color
Yellow - Orange
Shape
Round to Oval

Uses: Lawn, Parks, Golf Courses, Estates
Tolerates drought/Considered one of the better Sugar Maples for the South, this is the only cultivar we suggest/Holds leaves until late in the year

Canopy/Deciduous

Dura Heat grows up to 40’

Quick Look

Scientific Name
Betula nigra
Common Name
River Birch
Growth Rate
Moderate to Fast
Height
40 – 70’
Width
40 – 60’
Fall Color
Yellow
Shape
Pyramidal to Rounded
• Native

Uses: Lawn, Streets, Parks, Golf Courses, Residential
Hardy tree that can take both inundation and dry spells/Prefers moist soils/Tolerates dry soil and heat/Interesting peeling bark/Cultivar ‘BNMTF’ Dura Heat – Smaller than species with better insect and disease resistance

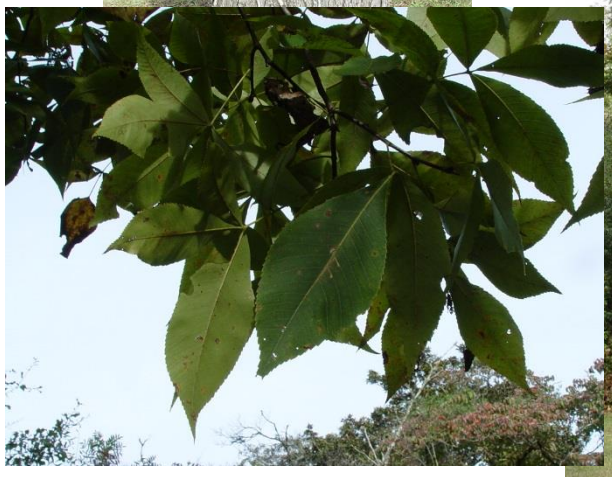
Canopy/Deciduous

Quick Look

Scientific Name
Carya cordiformis
Common Name
Bitternut Hickory
Growth Rate
Rapid
Height
50-70’
Width
35 – 45’
Fall Color
Yellow
Shape
Irregular cylindrical
• Native

Uses: Lawn, Shade, Residential
Distinct yellow buds/Large nuts are bitter and can be messy/Not for planting near cars or where people walk

Canopy/Deciduous



Quick Look

Scientific Name
Carya glabra
Common Name
Pignut Hickory
Growth Rate
Rapid
Height
50-60’
Width
25 – 35’
Fall Color
Yellow
Shape
Open Oval

- Native

Uses: Lawn, Shade, Residential
Difficult to transplanted due to a long taproot/Use container grown plants/Nuts are bitter/Not for planting near cars or where people walk

Canopy/Deciduous

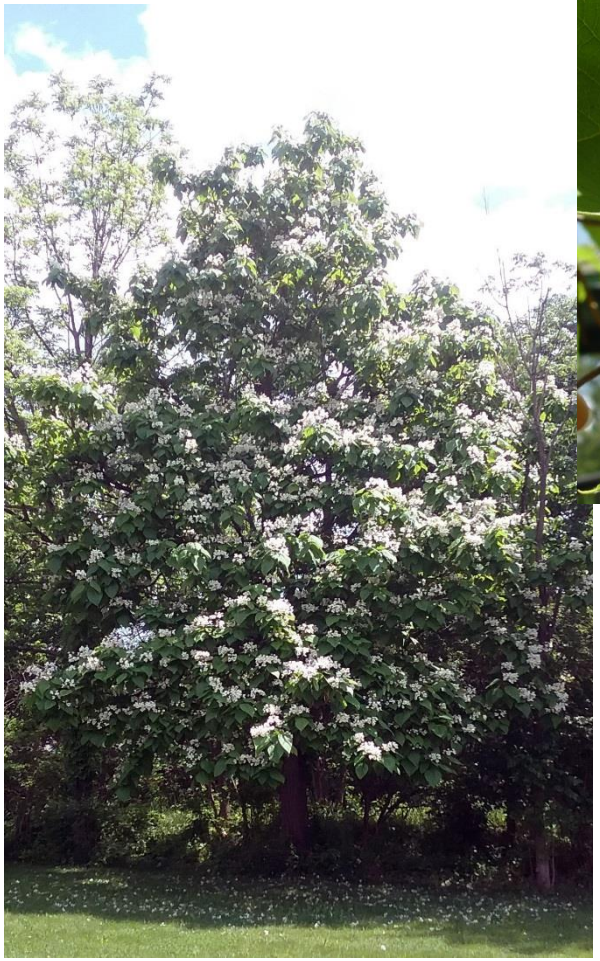
Quick Look

Scientific Name
Carya illinoinensis
Common Name
Pecan
Growth Rate
Slow
Height
60 – 100’
Width
40 – 70’
Fall Color
Yellow
Shape
Broad Oval

- Native

Uses: Lawn, Shade, Residential (Needs large area)
Needs to be transplanted young due to a long taproot/Many insect and disease problems/Brittle wood and fruit litter in fall

Canopy/Deciduous



Quick Look

Scientific Name
Catalpa bignonioides
Common Name
Southern Catalpa
Growth Rate
Moderate - Fast
Height
30 – 60’
Width
30 – 60’
Fall Color
Yellow to Brown
Shape
Irregular Oval
• Native

Uses: Lawn, Shade, Residential (Needs large area)
Tolerant of many soil conditions, heat and drought/Flowers late spring/Seeds germinate easily/Seed pods persist through winter/May be hard to find in trade

Canopy/Deciduous

Photos Coming

Quick Look

Scientific Name
Celtis laevigata
Common Name
Sugar Hackberry
Growth Rate
Fast
Height
50 – 70’
Width
50 – 70’
Fall Color
Yellow
Shape
Rounded

- Native

Uses: Streets, Parks (Needs large area)
Transplants easily/Tolerates wind and air pollution/Birds are attracted to the fruit

Canopy/Deciduous

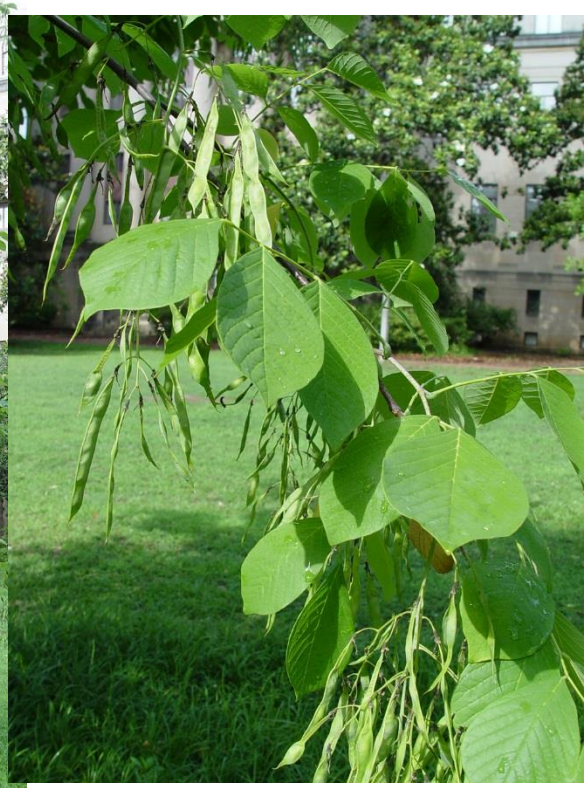
Photos Coming

Quick Look

Scientific Name
Celtis occidentalis
Common Name
Common Hackberry
Growth Rate
Fast
Height
40 – 80’
Width
35 – 50’
Fall Color
Yellow
Shape
Rounded
• Native

Uses: Streets, Parks (Needs large area)
Transplants easily/Tolerates wind, dry soils and adverse conditions

Canopy/Deciduous



Quick Look

Scientific Name
Cladrastis kentukea (lutea)
Common Name
American Yellowwood
Growth Rate
Mod
Height
30 – 40’
Width
40 – 50’
Fall Color
Yellow
Shape
Rounded

Uses: Streets, Shade, Parks,
Low branching/Weak wooded/Easily split in storms/White fragrant blooms in spring/Seed pods maturing in the fall/Prune only in summer/Native to North Carolina, Tennessee and Kentucky

Canopy/Deciduous

Above picture courtesy of the Camellia Garden Club of Conway

Quick Look

Scientific Name

Diospyros virginiana

Common Name

American Persimmon

Growth Rate

Slow

Height

40 – 55’

Width

25 – 30’

Fall Color

Yellow to Purple

Shape

Irregular

- Native

Uses: Residential, Naturalized Areas

Difficult to transplant/Tolerates dry soil/Edible fruit that hangs on tree into winter/Attracts wildlife/Suckers/Fruit can be messy

Canopy/Deciduous

Quick Look

Scientific Name
Fagus grandifolia
Common Name
American Beech
Growth Rate
Slow
Height
50 – 70’
Width
40 – 60’
Fall Color
Golden Brown
Shape
Wide Rounded

- Native

Uses: Shade, Parks, Golf Courses, Campuses (Needs large area)
Shallow rooted/Dense Shade/Does not tolerate wet or compacted soils/Edible nuts

Canopy/Deciduous

Quick Look

Scientific Name

Fraxinus americana

Common Name

White Ash

Growth Rate

Fast

Height

60 – 80’

Width

50 – 70’

Fall Color

Yellow to Dark Purple

Shape

Upright Rounded

- Native

Uses: Lawn, Shade, Parks, Campuses (Needs large area)
Transplants easily/Many cultivars/Susceptible to many pest and disease problems/ Emerald ash borer is a significant pest problem for this tree. While not in our area yet this pest has been slowly making its way to the south.

Canopy/Deciduous

Quick Look

Scientific Name
Fraxinus pennsylvanica
Common Name
Green Ash
Growth Rate
Fast
Height
50 – 60’
Width
25 – 60’
Fall Color
Yellow
Shape
Upright Irregular
• Native

Uses: Lawn, Streets, Shade, Parks, Parking Lots, Residential
Transplants easily and very adaptable/Many cultivars/Susceptible to many pest and disease problems/Emerald ash borer is a significant pest problem for this tree. While not in our area yet this pest has been slowly making its way to the south.

Canopy/Deciduous

Quick Look

Scientific Name
Ginkgo biloba
Common Name
Maidenhair Tree
Growth Rate
Slow
Height
40 – 80’
Width
20 – 40’
Fall Color
Bright Yellow
Shape
Upright Irregular

Uses: Shade, Parks, Golf Courses, Estates, Campuses (Needs large area)
Tolerant of drought/Use male trees only; females have messy odorous fruit/Tolerant of urban conditions/Relatively free of pests and diseases/Recommended for planting near sewer lines due to its slow growth, but will need replaced before it becomes to large

Canopy/Deciduous

Thorns on the trunk of a Honeylocust

Quick Look

Scientific Name

Gleditsia triacanthos inermis

Common Name

Thornless Honeylocust

Growth Rate

Fast

Height

30 – 70’

Width

30 – 70’

Fall Color

Yellow

Shape

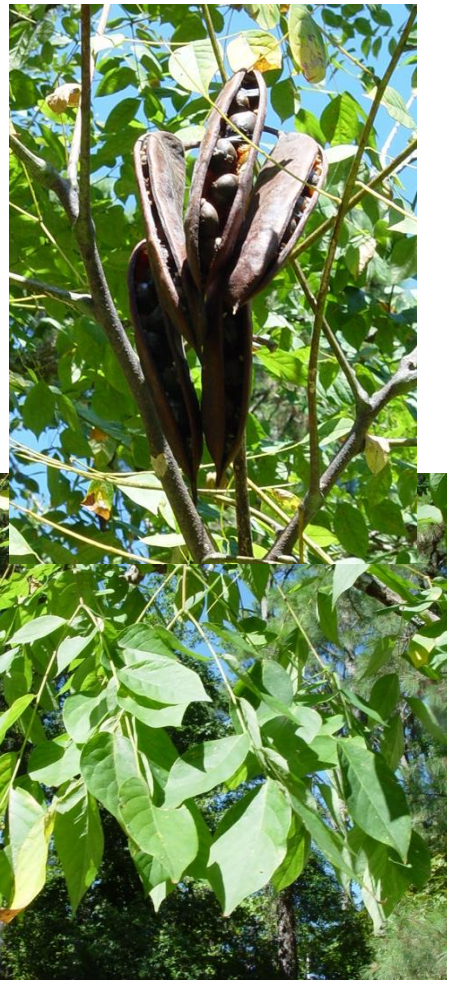
Round

- Native

Uses: Streets, Parks, Golf Courses, Parking Lots, Walkways

Unique and delicate foliage provides dappled shade/Susceptible to many pests and diseases/Recommended to replace trees every 10 to 12 years/Cultivars are thornless, however some trees may develop thorns over time/Recommended for planting near sewer lines

Canopy/Deciduous



Quick Look

Scientific Name

Gymnocladus dioicus

Common Name

Kentucky Coffeetree

Growth Rate

Slow -Moderate

Height

60 – 75’

Width

40 – 60’

Fall Color

Yellow

Shape

Open Round

- Native

Uses: Parks, Golf Courses, (Needs large area)

Seed pods persist into winter and are litter in spring/Late to leaf out/Not used much in the South

Canopy/Deciduous

Quick Look

Scientific Name

Liquidambar styraciflua

Common Name

Sweetgum

Growth Rate

Fast

Height

60 – 75’

Width

35 – 60’

Fall Color

Yellow, Orange, Red, Purple

Shape

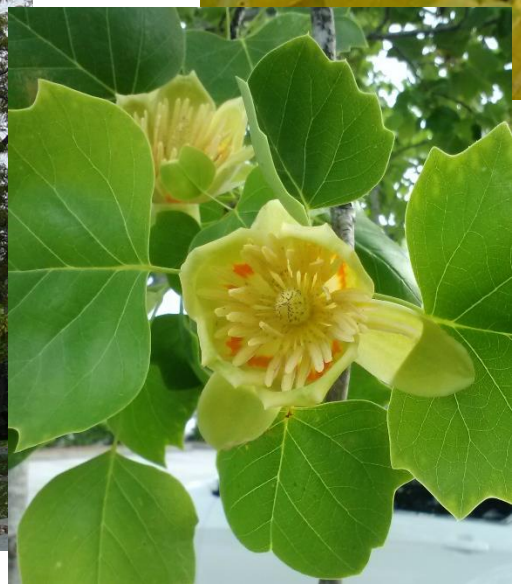
Round to Oval

- Native

Uses: Lawn, Park, Golf Courses, Campuses, Naturalized Areas (Needs large area for roots)

Showy fall color depending on the cultivar/Seed-balls are a nuisance/Shallow rooted on poorly drained sites/Does best in full sun

Canopy/Deciduous



Quick Look

Scientific Name
Liriodendron tulipifera
Common Name
Tuliptree
Growth Rate
Fast
Height
60 – 90’+
Width
30 – 40’
Fall Color
Yellow
Shape
Round to Oval
• Native

Uses: Lawn, Shade, Park, Golf Courses, Campuses (Needs large area)
Cup like flowers in spring of greenish yellow with orange markings/Tree is big and weak wooded

Canopy/Deciduous

Photos Coming

Quick Look

Scientific Name

Magnolia acuminata

Common Name

Cucumbertree Magnolia

Growth Rate

Moderate - Fast

Height

50 – 80’

Width

40 – 70’

Fall Color

Green - Brown

Shape

Pyramidal

- Native

Uses: Parks, Golf Courses, Estates, Campuses (Needs large area)
Does not tolerate extreme wet or dry soils, or pollution/Prune after flowering/Many cultivars

Canopy/Deciduous

Quick Look

Scientific Name

Magnolia macrophylla

Common Name

Bigleaf Magnolia

Growth Rate

Slow

Height

30 – 40’

Width

12 – 15’

Fall Color

Green

Shape

Round

- Native

Uses: Parks, Golf Courses, Estates, Campuses

Very large leaves make it a rough landscape plant/Tropical looking leaves twelve to thirty two inches long

Canopy/Deciduous

Quick Look

Scientific Name

Metasequoia glyptostroboides

Common Name

Dawn Redwood

Growth Rate

Fast

Height

70 – 100’

Width

25 – 30’

Fall Color

Yellow - Orange

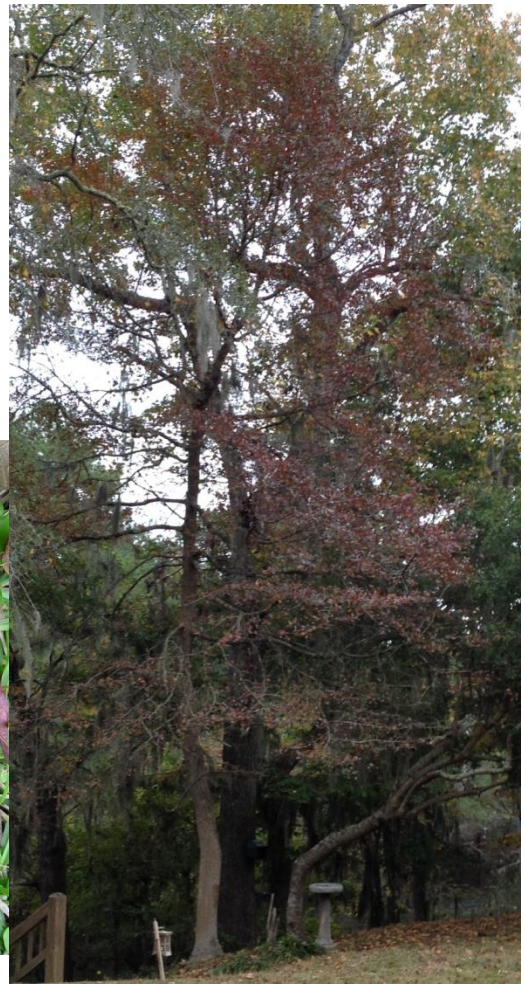
Shape

Pyramidal

Uses: Lawns, Specimen, Naturalized Areas

Difficult to transplant due to taproot/Shelter from winds/Does not tolerate pollution

Canopy/Deciduous



Quick Look

Scientific Name
Nyssa sylvatica
Common Name
Black Gum, Black Tupelo
Growth Rate
Slow
Height
40 – 60’
Width
20 – 30’
Fall Color
Orange - Red
Shape
Pyramidal
• Native

Uses: Shade, Parks, Golf Courses
Seed pods persist into winter and are litter in spring/Late to leaf out/Beautiful fall color/Difficult to transplant due to long taproot

Canopy/Deciduous

Quick Look

Scientific Name
Platanus x acerifolia

Common Name
London Planetree

Growth Rate
Moderate - Fast

Height
75 – 100’

Width
65 – 80’

Fall Color
Yellow

Shape
Spreading Pyramidal

Uses: Streets, Park, Estates, Campuses (Needs large area)
Very adaptable/Tolerates pollution and urban conditions/Interesting bark/Not for use near sidewalks

Canopy/Deciduous

Quick Look

Scientific Name

Platanus occidentalis

Common Name

American Sycamore

Growth Rate

Fast

Height

70 – 100’

Width

60 – 80’

Fall Color

Brown

Shape

Open Irregular

- Native

Uses: Park, Campuses, Naturalized Areas (Needs large area)
Large leaves and seed-balls can be a nuisance/Found along rivers and bottomlands in its natural setting

Canopy/Deciduous

Photos Coming

Quick Look

Scientific Name
Prunus sargentii
Common Name
Sargent Cherry
Growth Rate
Moderate
Height
25 – 40’
Width
25 – 40’
Fall Color
Bronze Red
Shape
Upright Spreading

Uses: Lawn, Specimen
Pink flowers in spring/Interesting red brown bark/Needs cool location and only good through zone 8a

Canopy/Deciduous

Quick Look

Scientific Name
Prunus serotina
Common Name
Black Cherry
Growth Rate
Fast
Height
50 – 70’
Width
30 – 40’
Fall Color
Yellow - Red
Shape
Oval

Uses: Naturalizing
Edible fruit/Fruit litter can be messy/Becomes weedy in disturbed sites/All parts but the fruit are poisonous

Canopy/Deciduous

Photos Coming

Quick Look

Scientific Name
Prunus subhirtella
Common Name
Higan Cherry
Growth Rate
Fast
Height
20 – 40’
Width
15 – 30’
Fall Color
Yellow
Shape
Weeping

Uses: Lawn, Specimen
Easy to transplant/The best cherry to tolerates cold, heat and stress

Canopy/Deciduous

Quick Look

Scientific Name
Quercus acutissima

Common Name
Sawtooth Oak

Growth Rate
Fast

Height
35 – 55’

Width
35 – 55’

Fall Color
Tan

Shape
Broad Round

Uses: Lawn, Streets, Specimen
Tolerates drought/Excellent nut producer/Attracts wildlife

Canopy/Deciduous

Quick Look

Scientific Name
Quercus alba
Common Name
White Oak
Growth Rate
Slow
Height
50 – 100’
Width
50 – 80’
Fall Color
Brown to Red
Shape
Rounded

- Native

Uses: Lawn, Shade, Parks, Golf Courses
Difficult to transplant/Tolerates drought/Attracts wildlife/Does not tolerate compacted soil

Canopy/Deciduous

Quick Look

Scientific Name
Quercus coccinea
Common Name
Scarlett Oak
Growth Rate
Fast
Height
60 – 75’
Width
40 – 50’
Fall Color
Red
Shape
Spreading Round

- Native

Uses: Specimen, Lawn, Streets, Shade, Buffers, Large Parking Lot Islands, Naturalized Areas
Difficult to transplant/Tolerates poor sites/Great multi-purpose tree/Susceptible to oak wilt and should not be pruned during the growing season

Canopy/Deciduous

Quick Look

Scientific Name
Quercus falcata
Common Name
Southern Red Oak
Growth Rate
Fast
Height
70 – 80’
Width
40 – 60’
Fall Color
Brown
Shape
Rounded

- Native

Uses: Lawn, Streets, Shade, Park
Tolerates drought and poor soils/Holds leaves till late in fall

Canopy/Deciduous

Quick Look

Scientific Name
Quercus lyrata
Common Name
Overcup Oak
Growth Rate
Moderate
Height
30 – 45’
Width
30 – 45’
Fall Color
Copper Brown
Shape
Rounded

- Native

Uses: Lawn, Residential Streets, Shade, Parking Lots, Reclamation Areas
Transplants easily/Tolerates inundation/Minimum pruning/Good for difficult sights

Canopy/Deciduous

Quick Look

Scientific Name
Quercus macrocarpa
Common Name
Bur Oak
Growth Rate
Slow
Height
70 –80’
Width
70 – 80’
Fall Color
Yellow to Brown
Shape
Openly Broadly Rounded

Uses: Parks, Shade, Campuses, Naturalized Areas (Needs large area)
Difficult to transplant/Tolerates Drought/Very Adaptable

Canopy/Deciduous

Quick Look

Scientific Name
Quercus nigra
Common Name
Water Oak
Growth Rate
Moderate - Fast
Height
50 – 80’
Width
30 – 70’
Fall Color
Yellow
Shape
Open Spreading

- Native

Uses: Lawn, Shade, Naturalized Areas
Transplants easily/Tends to be a weed tree

Canopy/Deciduous

Quick Look

Scientific Name
Quercus nuttallii
Common Name
Nuttall Oak
Growth Rate
Moderate
Height
60 –80 ’
Width
35 – 50’
Fall Color
Orange to Red
Shape
Rounded

Uses: Lawn, Shade, Parks, Campuses, Naturalized Areas (Needs large area)
Very Adaptable/Best in wet soils/Tolerates occasional inundation

Canopy/Deciduous

Quick Look

Scientific Name
Quercus palustris
Common Name
Pin Oak
Growth Rate
Fast
Height
60 – 80’
Width
25 – 40’
Fall Color
Red
Shape
Pyramidal

Uses: Lawn, Shade, Parks, Golf Courses
Transplants easily/Tolerates wet soils/Does not tolerate high ph/Remove lower limbs for street plantings

Canopy/Deciduous

Quick Look

Scientific Name
Quercus phellos
Common Name
Willow Oak
Growth Rate
Moderate
Height
40 – 60’
Width
30 – 50’
Fall Color
Yellow
Shape
Rounded

- Native

Uses: Lawn, Streets, Medians, Shade, Parks, Buffers, Golf Courses
Transplants easily/Tolerates drought, pollution, heat, urban conditions and inundation/Quercus phellos ‘QVTIA’, Hightower Willow Oak is a good choice for streets

Canopy/Deciduous

Quick Look

Scientific Name
Quercus prinus
Common Name
Chestnut Oak
Growth Rate
Moderate
Height
50 – 60’
Width
50 – 60’
Fall Color
Orange
Shape
Rounded

Uses: Lawn, Residential Streets, Shade, Parks, Buffers
Transplants easily/Attracts wildlife/Dry soils

Canopy/Deciduous

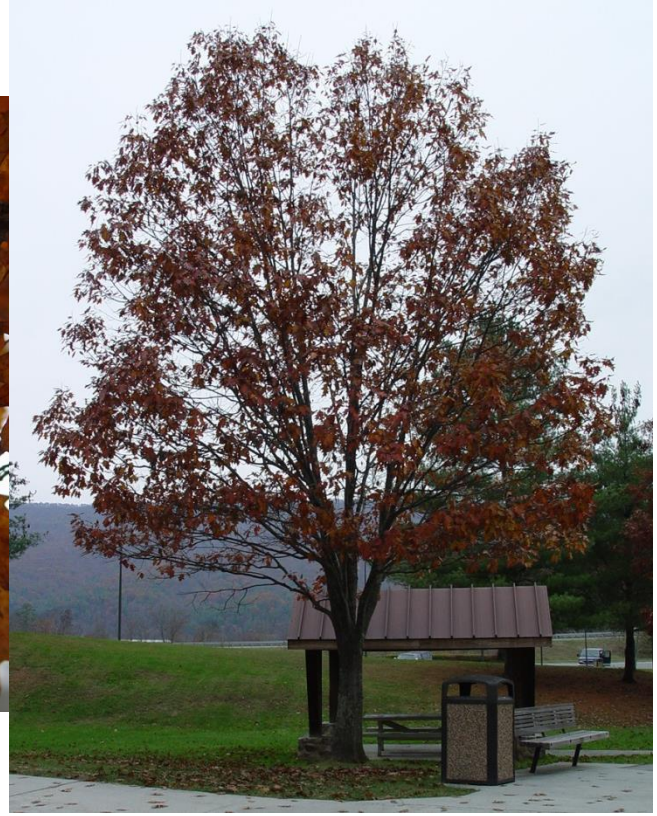
Photos Coming

Quick Look

Scientific Name
Quercus robur
Common Name
English Oak
Growth Rate
Slow
Height
40 – 60’
Width
40 – 60’
Fall Color
Brown
Shape
Broadly Rounded

Uses: Lawn, Shade, Parks, Golf Courses (Needs large area)
Susceptible to powdery mildew/Many varieties with different growth habits

Canopy/Deciduous



Quick Look

Scientific Name
Quercus rubra
Common Name
Northern Red Oak
Growth Rate
Fast
Height
60 – 70’
Width
50 – 60’
Fall Color
Red
Shape
Rounded

- Native

Uses: Lawn, Shade, Parks, Buffers, Golf Courses
Transplants easily/Zone 8a/Not highly tolerant of heat and drought

Canopy/Deciduous

Quick Look

Scientific Name
Quercus shumardii
Common Name
Shumard Oak
Growth Rate
Fast
Height
55 – 80’
Width
40 – 60’
Fall Color
Red Orange
Shape
Rounded

- Native

Uses: Lawn, Streets, Shade, Parks, Golf Courses
Transplants easily/Tolerates drought, urban conditions and short term inundation

Canopy/Deciduous

Quick Look

Scientific Name
Quercus stellata
Common Name
Post Oak
Growth Rate
Fast
Height
40 – 50’
Width
30 – 40’
Fall Color
Brown
Shape
Rounded

- Native

Uses: Lawn, Shade, Parks, Golf Courses
Tolerates drought/Transplant small specimens only as roots are sensitive to being disturbed/Hard to find in the trade

Canopy/Deciduous

Quick Look

Scientific Name
Salix babylonica
Common Name
Weeping Willow
Growth Rate
Fast
Height
30 – 50’
Width
20 – 40’
Fall Color
Yellow
Shape
Round Weeping

Uses: Specimen, Lakes, Ponds, Naturalized Areas (Needs large area)
Invasive roots/Avoid planting near water lines, sewer lines or septic drain areas/Leafs out early and holds leaves until late in season

Canopy/Deciduous

Quick Look

Scientific Name
Taxodium distichum

Common Name
Bald Cypress

Growth Rate
Fast

Height
50 – 70’

Width
20 – 30’

Fall Color
Pale Orange

Shape
Pyramidal

- Native

Uses: Streets, Specimen, Lakes, Ponds, Naturalized Areas (Needs large area)
Suitable in both wet and dry sites/Tolerates drought and wind/Will form knees in water logged sites/Can be limbed up

Canopy/Deciduous

Quick Look

Scientific Name
Tillia americana var. caroliniana

Common Name
Carolina Basswood

Growth Rate
Moderate

Height
60 – 80’

Width
55 – 60’

Fall Color
Yellow

Shape
Rounded

- Native

Uses: Lawn, Streets, Shade, Parks, Buffers, Golf Courses, Naturalized Areas (Needs large area)

Transplants easily/Tolerates drought/Fragrant yellow flowers

Canopy/Deciduous

Quick Look

Scientific Name
Ulmus parvifolia
Common Name
Chinese Lacebark Elm
Growth Rate
Fast
Height
40 – 50’
Width
40 – 50’
Fall Color
Yellow
Shape
Irregular

Uses: Lawn, Residential Streets, Shade, Park, Parking Lots
Transplants easily/Clean tree with handsome bark/Does not tolerate wet sites; does tolerate drought/Ulmus parvifolia ‘Emer I’ & ‘Emer II’ recommended as street trees

Canopy/Deciduous

Quick Look

Scientific Name
Zelkova serrata
Common Name
Japanese Zelkova
Growth Rate
Mod
Height
50 – 60’
Width
40 – 50’
Fall Color
Pale Orange
Shape
Vase

Uses: Lawn, Residential Streets, Shade, Park, Parking Lots
Tolerates pollution, wind and drought/Short trunk with upright spreading branches/
Disease resistant/Not for coastal areas

Canopy/Deciduous

Canopy Trees - Evergreen

Photos Coming

Quick Look

Scientific Name
Cedrus atlantica
Common Name
Atlas Cedar
Growth Rate
Slow
Height
40 – 60’
Width
30 – 40’
Shape
Pyramidal to Flat Topped

Uses: Lawn, Specimen
Difficult to transplant, use container grown plants/Needs shelter from strong winds/Tolerates heat/Does not tolerate compacted or water logged soils.

Canopy/Evergreen

Quick Look

Scientific Name
Cedrus deodara
Common Name
Deodar Cedar
Growth Rate
Moderate
Height
40 – 70’
Width
30 – 40’
Shape
Pyramidal

Uses: Lawn, Specimen, Screens, Wind Break (Requires large area)
Needs well drained soil/Tolerates drought/Does not tolerate compacted or water logged soils

Canopy/Evergreen

Quick Look

Scientific Name
Cryptomeria japonica

Common Name
Japanese Cryptomeria

Growth Rate
Moderate

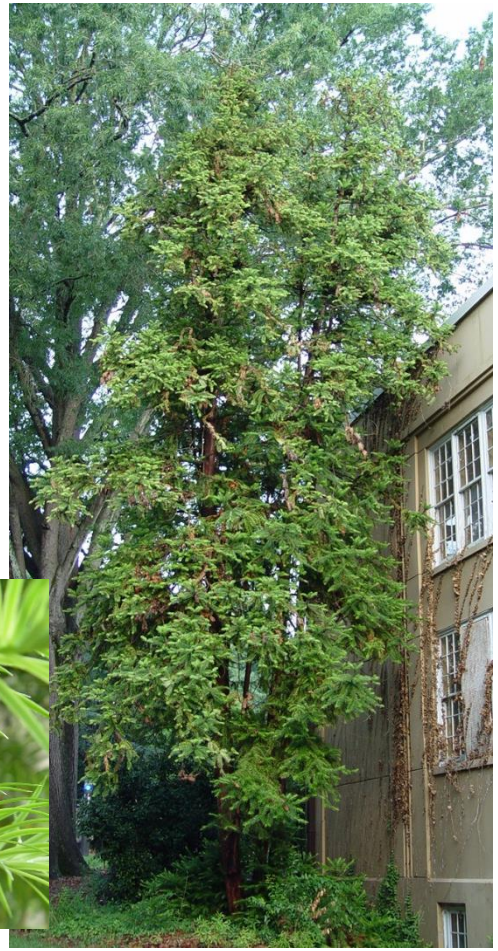
Height
50 – 60’

Width
20 – 30’

Shape
Pyramidal

Uses: Lawn, Specimen, Buffers, Screens
Easy to grow/Protect from strong wind/Tolerates some shade

Canopy/Evergreen



Quick Look

Scientific Name
Cunninghamia lanceolata

Common Name
Chinafir

Growth Rate
Moderate

Height
30 – 70’

Width
15 – 30’

Shape
Irregular Pyramidal

Uses: Lawn, Specimen, Screens
Tolerant of urban conditions/May be hard to find in trade/Interesting bark

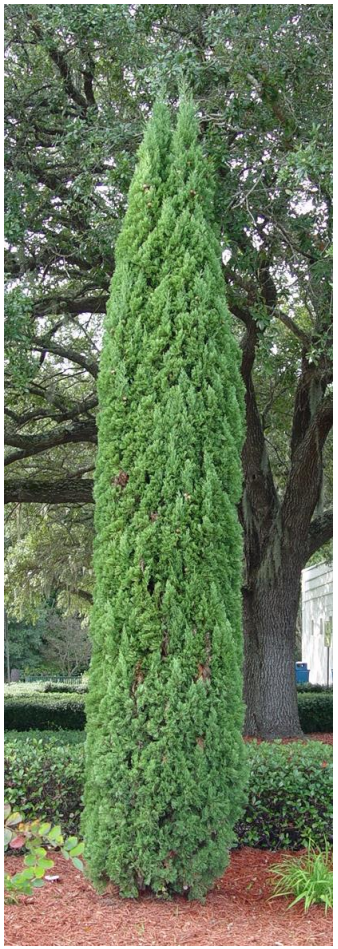
Canopy/Evergreen

Quick Look

Scientific Name
Cupressocyparis leylandii
Common Name
Leyland Cypress
Growth Rate
Fast
Height
60 – 70’
Width
12 – 17’
Shape
Upright Pyramidal

Uses: Buffers, Hedges, Screens, Borders, Groupings
Tolerates salt, pruning and drought/Needs sunny location/Used as Christmas trees/Use container grown plants

Canopy/Evergreen



Quick Look

Scientific Name
Cupressus sempervirens

Common Name
Italian Cypress

Growth Rate
Moderate

Height
40 – 50’

Width
3 - 5’

Shape
Upright Columnar

Uses: Specimen, Accents, Container
Tolerates drought and salt/Tall and narrow

Canopy/Evergreen

Quick Look

Scientific Name
Juniperus virginiana
Common Name
Eastern Red Cedar
Growth Rate
Moderate - Fast
Height
40 – 50’
Width
10 – 20’
Shape
Upright Pyramidal

- Native

Uses: Specimen, Hedges, Screens, Wind Breaks, Borders, Groupings
Tolerates drought, heat and poor soils/Easy to transplant/Many cultivars

Canopy/Evergreen

Quick Look

Scientific Name
Magnolia grandiflora
Common Name
Southern Magnolia
Growth Rate
Slow - Moderate
Height
60 – 80’
Width
30 – 50’
Shape
Pyramidal

- Native

Uses: Lawn, Park, Screen, Wind Breaks, Golf Courses, Estates, Campuses, Naturalized Areas (Requires large area)
Majestic low branching tree; can be limbed up/Large white flowers late spring/Leaf and fruit litter/No pests or diseases

Canopy/Evergreen

Quick Look

Scientific Name
Magnolia grandiflora 'Braken's Brown Beauty'

Common Name
Braken's Brown Beauty Magnolia

Growth Rate
Moderate

Height
30 – 40'

Width
15 – 20'

Shape
Pyramidal

Uses: Lawn, Park, Screen, Wind Breaks, Golf Courses, Residential
Very dense leaf growth/Large white flowers late spring/Leaf and fruit litter/No pests or diseases

Canopy/Evergreen

Quick Look

Scientific Name
Pinus elliottii
Common Name
Slash Pine
Growth Rate
Fast
Height
80 - 100’
Width
40 – 50’
Shape
Irregular Oval

•Native

Uses: Parks, Campuses, Reclamation Areas (Requires large area)
Does not tolerate shade/Important in the timber industry

Canopy/Evergreen

Quick Look

Scientific Name
Pinus palustris
Common Name
Longleaf Pine
Growth Rate
Fast
Height
60 - 80’
Width
30 – 40’
Shape
Irregular rounded

•Native

Uses: Parks, Screens, Borders, Reclamation Areas
Difficult to transplant/Extremely fast growing/Large cones 6 to 10” long/Not drought tolerant/Can be kept in a container for several years

Canopy/Evergreen

Quick Look

Scientific Name
Pinus taeda
Common Name
Loblolly Pine
Growth Rate
Fast
Height
50 - 80’
Width
30 – 40’
Shape
Irregular Oval

•Native

Uses: Parks, Screens, Wind Breaks, Borders, Reclamation Areas
Transplants easily/Extremely fast growing/Leading timber species

Canopy/Evergreen

Quick Look

Scientific Name
Quercus laurifolia
Common Name
Laurel Oak
Growth Rate
Moderate - Fast
Height
60 – 70’
Width
40 – 50’
Fall Color
None
Shape
Rounded

- Native

Uses: Lawn, Streets, Shade, Specimen, Accent, Naturalized Areas (Needs large area)
Quercus hemisphaerica considered the same tree by many authorities/Attracts wildlife/
Semi-evergreen to evergreen

Canopy/Evergreen

Quick Look

Scientific Name
Quercus virginiana
Common Name
Live Oak
Growth Rate
Moderate
Height
60 – 80’
Width
60 – 100’
Shape
Massive Irregular

- Native

Uses: Lawn, Shade, Park, Golf Courses, Estates, Campuses, Naturalized Areas (Requires large area)
Tolerant of soil compaction and drought/Needs extra setback if used on a right of way - Quercus virginiana ‘QVTIA’, Highrise Live Oak is recommended as a street tree

Canopy/Evergreen

Understory Trees - Deciduous

Quick Look

Scientific Name
Acer barbatum
Common Name
Southern Sugar Maple
Growth Rate
Moderate - Fast
Height
20 – 25’
Width
25 – 40’
Fall color
Yellow

- Native

Uses: Lawn, Park, Specimen, Naturalized Areas
Hardy/Does not tolerate dry sites/Requires pruning for good form/Shallow root system/Attracts birds

Understory /Deciduous

Quick Look

Scientific Name
Acer buergerianum

Common Name
Trident Maple

Growth Rate
Moderate

Height
20 – 35’

Width
20 – 35’

Fall color
Yellow - Orange

Uses: Lawn, Streets, Specimen, Patio, Container
Transplants easily/Tolerates drought

Understory /Deciduous

Photos Coming

Quick Look

Scientific Name
Acer campestre
Common Name
Hedge Maple
Growth Rate
Slow
Height
25 – 35’
Width
25 – 35’
Fall color
Yellow

Uses: Lawn, Residential Streets, Specimen
Transplants easily/Tolerates drought, air pollution and pruning/Low branching; often to the ground/Shallow roots

Understory /Deciduous

Quick Look

Scientific Name
Acer griseum
Common Name
Paperbark Maple
Growth Rate
Slow
Height
20 – 30’
Width
15 – 25’
Fall color
Red

Uses: Specimen, Borders, Groupings, Patio, Residential
Few pests or diseases/Cinnamon-brown peeling bark that is interesting all year/Can have single or multiple trunks/Easy to grow with low maintenance/Recommended for planting near sewer lines

Understory /Deciduous

Quick Look

Scientific Name
Acer palmatum
Common Name
Japanese Maple
Growth Rate
Slow
Height
15 – 25’
Width
10 – 25’
Fall color
Varies; Red, Bronze, Yellow, Purple

Uses: Specimen, Accent, Patio, Container, Borders, Residential
Showy fall color/Few pests or diseases/Many cultivars available with leaf color, fall color and size dependant upon cultivar/Can have single or multiple trunks/Dissectum varieties often smaller in height/Recommended for planting near sewer lines

Understory /Deciduous

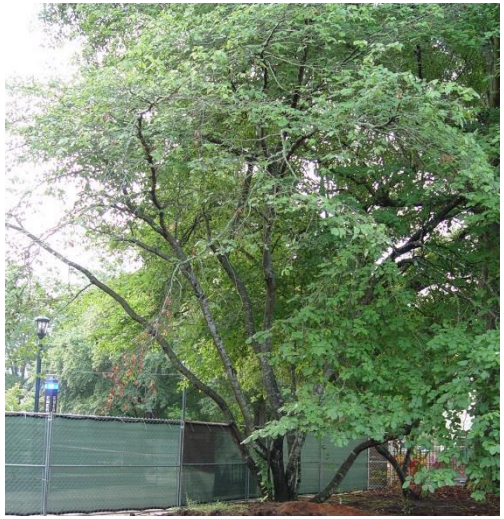
Quick Look

Scientific Name
Aesculus pavia
Common Name
Red Buckeye
Growth Rate
Moderate
Height
10 – 20’
Width
10 – 25’
Fall color
None

- Native

Uses: Specimen, Accent, Patio, Residential
Red flowers in spring/Sun or shade/Leafs out early in spring and drops leaves early in fall/Attracts hummingbirds/Short lived

Understory /Deciduous



Quick Look

Scientific Name
Amelanchier arborea
Common Name
Downy Serviceberry
Growth Rate
Moderate
Height
15 – 25’
Width
8 – 15’
Fall color
Yellow–Orange-Red
• Native

Uses: Ponds, Borders, Edging Rain gardens, Naturalized Areas
Flowers in spring before leafing out/Attractive bark/Small tree or large shrub/Edible fruits/Attracts birds/Recommended for planting near sewer lines

Understory /Deciduous

Quick Look

Scientific Name
Asimina triloba
Common Name
Paw Paw
Growth Rate
Moderate
Height
15 – 20′
Width
15 – 20’
Fall color
Yellow

- Native

Uses: Residential, Naturalized Areas
Difficult to transplant, use container grown plants/Edible fruit/Attracts wildlife

Understory /Deciduous

Photos Coming

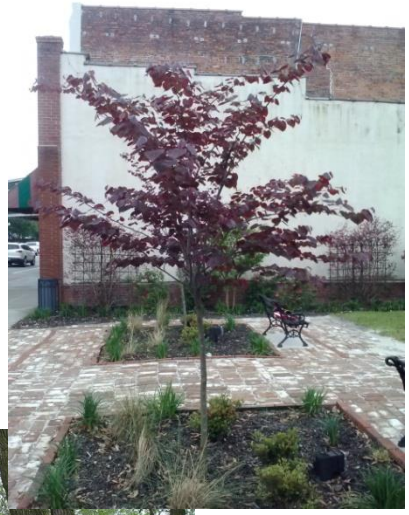
Quick Look

Scientific Name
Carpinus caroliniana
Common Name
American Hornbeam
Growth Rate
Slow
Height
20 – 30'
Width
20 – 30'
Fall color
Yellow-Orange-Red
• Native

Uses: Lawn, Streets, Specimen, Naturalized Areas
Difficult to transplant/Tolerates shade/Prefers moist soils/Trunk has sculptured look

Understory /Deciduous

Cultivar - Forest Pansy



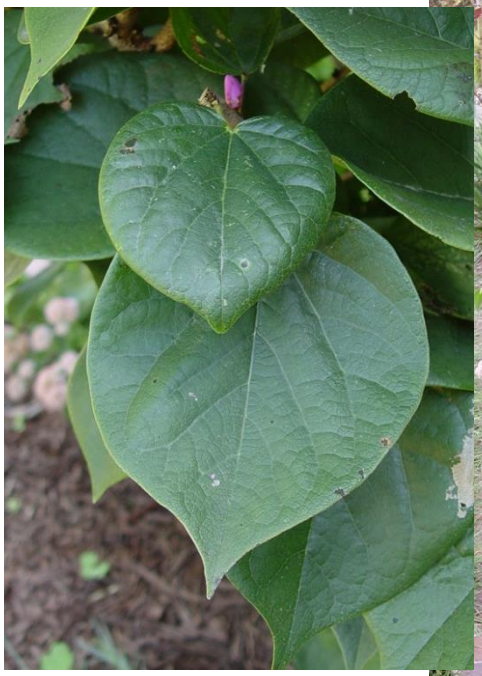
Quick Look

Scientific Name
Cercis canadensis
Common Name
Eastern Redbud
Growth Rate
Moderate
Height
20 – 30’
Width
15 – 30’
Fall color
Yellow

- Native
- Vase shaped

Uses: Lawn, Streets, Specimen, Borders, Accent, Naturalized areas
Showy flowers in spring ranging from purple to pink to white/Many Cultivars/Develops pods in fall that often hang on through winter/Recommended for planting near sewer lines

Understory /Deciduous



Quick Look

Scientific Name
Cercis chinensis
Common Name
Chinese Redbud
Growth Rate
Moderate
Height
10 – 12’
Width
6 – 8’
Fall color
Yellow-Green

Uses: Lawn, Specimen, Borders, Accent, Patio, Underneath Power Lines
Transplants easily/Multi-stem small tree or large shrub/Showy flowers in spring

Understory /Deciduous

Quick Look

Scientific Name
Chionanthus retusus

Common Name
Chinese Fringetree

Growth Rate
Moderate

Height
15 – 25’

Width
15 – 25’

Fall color
Yellow, Brown

Uses: Lawn, Parks, Specimen, Accent, Residential
Showy fragrant flowers in spring/Very adaptable, easy to grow/Female plants bear fruit/Prune after flowering/Recommended for planting near sewer lines

Understory /Deciduous

Quick Look

Scientific Name
Chionanthus virginicus
Common Name
White Fringetree
Growth Rate
Slow
Height
12 – 20′
Width
12 – 20′
Fall color
Yellow

- Native

Uses: Lawn, Specimen, Accent, Patio, Borders, Naturalized Areas
Transplants easily/Very adaptable/Showy flowers in spring/Tolerates air pollution/
Recommended for planting near sewer lines

Understory /Deciduous

Quick Look

Scientific Name
Cornus florida
Common Name
Flowering Dogwood
Growth Rate
Moderate
Height
15 – 30’
Width
15 – 30’
Fall Color
Red to Purple

- Native

Uses: Lawn, Parks, Specimen, Accent, Patio, Residential, Naturalized Areas
Showy flowers in spring before leaves appear/Red Drupes in fall/Prefers some shade/ Shallow roots/Susceptible to many pests and diseases/Many cultivars/Not drought tolerant/Recommended for planting near sewer lines

Understory /Deciduous

Quick Look

Scientific Name
Cornus kousa
Common Name
Kousa Dogwood
Growth Rate
Slow
Height
20 – 30’
Width
15 – 25’
Fall Color
Reddish Purple

Uses: Lawn, Parks, Specimen, Accent, Patio, Residential, Foundations & Building Corners
Showy flowers in summer after leaves appear/Resistant to pests and disease/Hybrids called the Stellar Series offers different canopy forms and flower characteristics/ Recommended for planting near sewer lines/ red edible fruit

Understory /Deciduous

Quick Look

Scientific Name
Cotinus coggygria
Common Name
Smoketree
Growth Rate
Moderate
Height
10 – 15’
Width
8 – 14’
Fall Color
Yellow-Red-Purple

Uses: Lawn, Parks, Accent, Patio, Borders, Residential
Tolerates drought/Transplant from container/Blooms June to July/Several cultivars available/Recommended for planting near sewer lines

Understory /Deciduous

Quick Look

Scientific Name
Crataegus phaenopyrum
Common Name
Washington Hawthorn
Growth Rate
Slow
Height
25 – 30’
Width
20 – 25’
Fall Color
Orange-Red-Purple

- Native

Uses: Lawn, Specimen, Hedge, Foundations
White flowers in spring/Showy red fruit that hangs on into winter/Small thorns

Understory /Deciduous

Photos Coming

Quick Look

Scientific Name
Crataegus viridis 'Winter King'
Common Name
Winter King Hawthorn
Growth Rate
Slow
Height
20 – 30'
Width
20 – 30'
Fall Color
Orange-Red-Purple

• Native

Uses: Lawn, Specimen, Hedge, Foundations
White flowers in spring/Showy red fruit that hangs on into winter/Small thorns/
Recommended for planting near sewer lines

Understory /Deciduous

Photos Coming

Quick Look

Scientific Name
Diospyros kaki
Common Name
Japanese Persimmon
Growth Rate
Moderate
Height
15 – 20’
Width
15 – 20’
Fall Color
Red

Uses: Residential
Little maintenance required/Edible fruit

Understory /Deciduous

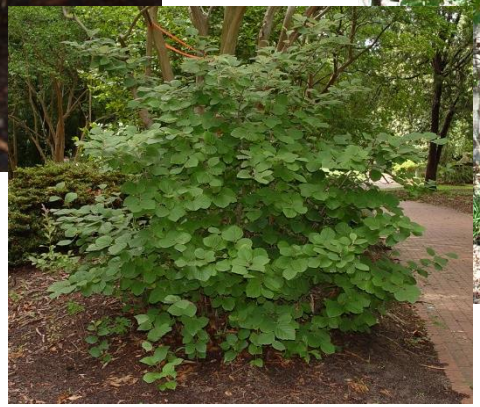
Quick Look

Scientific Name
Halesia tetraptera (carolina)
Common Name
Carolina Silverbell
Growth Rate
Moderate
Height
20 – 40’
Width
15 –35’
Fall Color
Yellow

- Native

Uses: Streets, Specimen, Residential Borders
Does not tolerate poor sites/Good for shady areas/White flowers in spring/Use container grown plants

Understory /Deciduous



Quick Look

Scientific Name
Hamamelis virginiana
Common Name
Witch-hazel
Growth Rate
Moderate
Height
20 – 30’
Width
20 – 25’
Fall Color
Yellow

- Native

Uses: Borders, Residential, Naturalized Areas
Does not tolerate poor sites/Good for shady areas/White flowers in spring/Small tree or large shrub

Understory /Deciduous

Quick Look

Scientific Name
Koelreuteria paniculata
Common Name
Goldenraintree
Growth Rate
Moderate - Fast
Height
20 – 30’
Width
20 – 25’
Fall Color
Yellow

Uses: Lawn, Streets, Medians, Specimen, Residential
Tolerant of drought, heat, salt, air pollution and wind/Showy yellow flowers in late spring-early summer/Recommended for planting near sewer lines

Understory /Deciduous

Quick Look

Scientific Name
Lagerstroemia indica

Common Name
Crape Myrtle

Growth Rate
Fast

Height
15 – 30’

Width
5 – 30’

Fall Color
Varies by Cultivar

Uses: Lawn, Streets, Parks, Specimen, Accent, Patio, Residential, Beneath Power Lines
Showy flowers in summer with a variety of colors to choose from/Peeling bark gives winter interest/Very adaptable and drought tolerant/Can be susceptible to winter injury/Recommended for planting near sewer lines

Understory /Deciduous

Photos Coming

Quick Look

Scientific Name
Magnolia x loebneri
Common Name
Loebner Magnolia
Growth Rate
Moderate
Height
20 – 30’
Width
20 – 30’
Fall Color
Yellow

- Hybrid

Uses: Lawn, Specimen, Accent,
Fragrant white flowers in spring/Flowers at a young age

Understory /Deciduous

Quick Look

Scientific Name
Magnolia x soulangiana
Common Name
Saucer Magnolia
Growth Rate
Moderate
Height
20 – 25’
Width
20 – 25’
Fall Color
Brown

- Hybrid

Uses: Lawn, Specimen, Accent, Patio, Foundations, Residential
Showy fragrant white to pink or purple flowers in spring before foliage appears/
Recommended for planting near sewer lines

Understory /Deciduous

Quick Look

Scientific Name
Magnolia stellata
Common Name
Star Magnolia
Growth Rate
Slow
Height
10 – 20’
Width
10 – 15’
Fall Color
Yellow

Uses: Lawn, Specimen, Accent, Foundations, Residential
Fragrant white flowers in spring before foliage appears/Prune after flowering/Many cultivars with more desirable traits than the species.

Understory /Deciduous

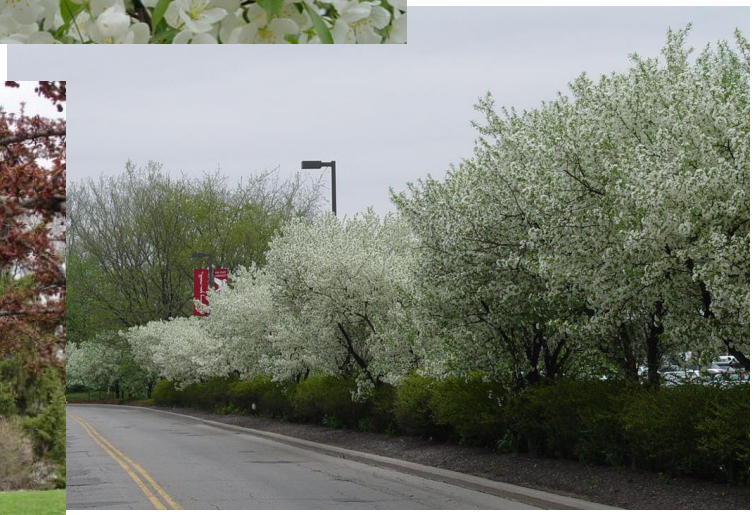
Quick Look

Scientific Name
Magnolia tripetala
Common Name
Umbrella Magnolia
Growth Rate
Fast
Height
20 – 30’
Width
20 – 25’
Fall Color
Yellow

- Native

Uses: Lawn, Specimen, Accent, Naturalized Areas
Not drought tolerant/Smelly white flowers in spring/Tropical looking/Sun to part shade

Understory /Deciduous



Quick Look

Scientific Name
Malus spp.
Common Name
Crabapple
Growth Rate
Moderate
Height
10 – 25’
Width
10 – 20’
Fall color
Yellow

- Native (some – there are also Asiatic trees)

Uses: Lawn, Specimen, Accent, Patio, Foundations, Residential
Showy flowers and fruit/Hundreds of cultivars available but many are susceptible to diseases/Many varieties not suited for zone 8 and higher/Recommended for planting near sewer lines

Understory /Deciduous

Quick Look

Scientific Name
Morus rubra
Common Name
Red Mulberry
Growth Rate
Slow
Height
40 – 60’
Width
40 – 50’
Fall Color
Yellow
Shape
Round
• Native

Uses: Residential, Naturalized Areas
Fruit red to purple and edible/Attracts birds/Prefers a rich moist soil

Understory/Deciduous

Photos Coming

Quick Look

Scientific Name
Ostrya virginiana
Common Name
American Hophornbeam
Growth Rate
Slow
Height
25 – 40’
Width
18 – 35’
Fall Color
Yellow
Shape
Round
• Native

Uses: Lawns, Parks, Golf Courses, Residential, Naturalized Areas
Does not tolerate inundation/Sensitive to salt/Tolerates urban environments/Sun or Shade

Understory/Deciduous

Photos Coming

Quick Look

Scientific Name
Oxydendrum arboreum
Common Name
Sourwood
Growth Rate
Slow
Height
20 – 30’
Width
10 – 20’
Fall Color
Red
• Native (to Western South Carolina)

Uses: Specimen, Naturalized Areas
Fragrant flowers in summer/Does not tolerate pollution or urban areas/Recommended for planting near sewer lines

Understory /Deciduous

Quick Look

Scientific Name
Pistacia chinensis
Common Name
Chinese Pistache
Growth Rate
Moderate
Height
25 – 35’
Width
25 – 35’
Fall Color
Orange – Red

Uses: Lawn, Streets, Shade, Parks, Parking Lots
Tolerates drought and poor soils/Needs pruning to establish shape

Understory /Deciduous

Photos Coming

Quick Look

Scientific Name
Prunus americana
Common Name
American Plum
Growth Rate
Fast
Height
15 – 25’
Width
15 – 25’
Fall Color
Green

- Native

Uses: Residential, Naturalized Areas
Form thickets/White fragrant flowers in spring/Fruit edible/Recommended for planting near sewer lines

Understory /Deciduous

Photos Coming

Quick Look

Scientific Name
Prunus cerasifera
Common Name
Cherry Plum
Growth Rate
Fast
Height
15 – 20’
Width
15 – 25’
Fall Color
Green

Uses: Specimen, Accent, Patio, Foundations, Residential
Fragrant flowers in spring/Many pests and diseases/Does not tolerate wet soils/Fruit can be messy/Needs pest and disease controls/Cultivars with purple leaves very popular

Understory /Deciduous

Photos Coming

Quick Look

Scientific Name
Prunus x 'Okame'
Common Name
Okame Cherry
Growth Rate
Moderate
Height
15 – 25'
Width
20 – 30'
Fall Color
Red - Orange

Uses: Specimen, Buffers, Accent, Patio, Residential
Showy pink flowers in spring/Many pests and diseases/Does not tolerate wet soils/Needs pest and disease control measures

Understory /Deciduous

Quick Look

Scientific Name
Prunus persica
Common Name
Peach
Growth Rate
Fast
Height
10 – 15’
Width
10 – 15’
Fall Color
Yellow

Uses: Specimen, Buffers, Residential
Produces edible fruit in summer/Flowers in spring/Many pests and diseases/Peach production requires specialized skill

Understory /Deciduous

Quick Look

Scientific Name
Prunus serrulata 'Kwanzan'

Common Name
Kwanzan Cherry

Growth Rate
Moderate

Height
15 – 25'

Width
15 – 25'

Fall Color
Yellow – Orange

Uses: Lawn, Specimen, Accent, Patio, Foundations, Residential
Showy pink flowers in spring/Many pests and diseases/Does not tolerate wet soils/Needs pest and disease control measures

Understory /Deciduous

Quick Look

Scientific Name
Prunus x yedoensis
Common Name
Yoshino Cherry
Growth Rate
Fast
Height
30 – 45’
Width
30 – 40’
Fall Color
Yellow – Orange

- Hybrid

Uses: Lawn, Specimen, Buffers, Accent, Patio, Residential
Showy flowers in spring/Many pests and diseases/Does not tolerate wet soils/Needs pest and disease control measures/Good only in zone 8a

Understory /Deciduous

Photos Coming

Quick Look

Scientific Name
Punica granatum
Common Name
Pomegranate
Growth Rate
Moderate
Height
12 – 25’
Width
12 – 15’
Fall Color
Red - Orange

Uses: Borders, Containers, Residential
Produces edible fruit in early fall/Few pests and diseases

Understory /Deciduous

Quick Look

Scientific Name
Sassafras albidum
Common Name
Sassafras
Growth Rate
Moderate
Height
30 – 40’ (60’)
Width
25 – 40’
Fall Color
Yellow - Red – Orange - Purple

- Native

Uses: Lawn, Residential, Naturalized Areas
Difficult to transplant due to taproot/Tolerates drought/Very adaptable/sun to part shade

Understory /Deciduous

Photos Coming

Quick Look

Scientific Name
Viburnum rufidulum
Common Name
Southern Blackhaw
Growth Rate
Moderate
Height
20 – 25’
Width
15 – 20’
Fall Color
Red

- Native

Uses: Specimen, Buffers, Borders, Naturalized Areas
Tolerates drought/Showy flowers in early spring/May be hard to find in the trade

Understory /Deciduous

Quick Look

Scientific Name
Vitex agnus-castus 'Shoal Creek'
Common Name
Shoal Creek Chastetree
Growth Rate
Fast
Height
10 – 15'
Width
15 – 20'
Fall Color
Green

Uses: Specimen, Buffers, Borders, Containers
Showy purple flowers in summer/May produce seedlings/Tolerates heat and drought/Low branching

Understory /Deciduous

Understory Trees - Evergreen

Quick Look

Scientific Name
Eriobotrya japonica
Common Name
Loquat
Growth Rate
Moderate
Height
15 – 25’
Width
15 – 25’ Wide

•Drought Tolerant

Uses: Lawn, Residential Streets, Specimen, Accent, Foundations
Fragrant white flowers in winter/Attracts bees/Easy to grow but sensitive to winds and cold/Has edible fruit that ripens April to June/Best in full sun but will tolerate some shade/Withstands pruning

Understory /Evergreen

Photos Coming

Quick Look

Scientific Name
Gordonia lasianthus
Common Name
Gordonia
Growth Rate
Fast
Height
30 – 40’
Width
Narrow

- Native

Uses: Specimen, Buffers, Screens, Residential
Does not tolerate drought or intense fertilization/Needs wet sites or must be well watered/Large showy fragrant white flowers/Shallow root system

Understory /Evergreen

Foster No 2

Quick Look

Scientific Name
Ilex x attenuata 'Fosteri'
Common Name
Foster's Holly
Growth Rate
Fast
Height
20 – 30'
Width
7 – 10'

- Hybrid

Uses: Specimen, Buffers, Screens, Hedges, Foundations, Residential
Tolerates pruning/Good berry production/Recommended for planting near sewer lines/Popular varieties include 'Eagleson', 'East Palatka', 'Foster No. 2', 'Greenleaf' and 'Savannah'

Understory /Evergreen

Quick Look

Scientific Name
Ilex cassine
Common Name
Dahoon Holly
Growth Rate
Moderate
Height
20 – 30’
Width
10 – 15’

- Native

Uses: Wet Areas
Moist to wet soils/Large quantities of red or yellow fruit

Understory /Evergreen

Quick Look

Scientific Name
Ilex latifolia
Common Name
Lusterleaf Holly
Growth Rate
Moderate
Height
20 – 30’
Width
10 – 15’

Uses: Buffers, Screens, Borders
Small tree – large shrub/Largest leaves of all the hollies/Adapts to most soils/Red berries

Understory /Evergreen

Quick Look

Scientific Name
Ilex x 'Mary Nell'
Common Name
Mary Nell Holly
Growth Rate
Moderate
Height
15 - 20'
Width
10'

Uses: Specimen, Buffers, Screens, Borders, Residential
Drought and salt tolerant/Small tree – large shrub/Adaptable to many types of soil/Showy red berries in fall and winter but needs a pollinator/Tolerant of pruning

Understory /Evergreen

Quick Look

Scientific Name
Ilex x 'Nellie R. Stevens'
Common Name
Nellie Stevens Holly
Growth Rate
Moderate
Height
15 – 25'
Width
10 – 15'

- Hybrid

Uses: Specimen, Buffers, Screens, Hedges, Foundations, Residential
Tolerates drought, severe pruning, heat and part shade/Not tolerant of excessively wet soils/Needs male pollinator to set fruit/Showy red fruit

Understory /Evergreen

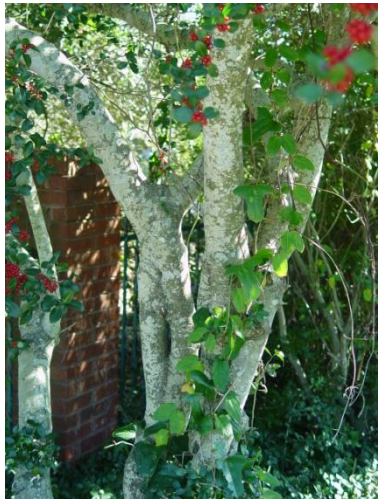
Quick Look

Scientific Name
Ilex opaca
Common Name
American Holly
Growth Rate
Slow
Height
15 – 30’
Width
10 – 20’

- Native

Uses: Specimen, Buffers, Screens, Naturalized Areas, Reclamation Sites
Tolerates drought and air pollution/Requires male pollinator for fruit set/Attracts birds/Many cultivars

Understory /Evergreen



Quick Look

Scientific Name
Ilex vomitoria
(tree form)
Common Name
Yaupon Holly
Growth Rate
Moderate
Height
15 – 30’
Width
15– 20’

- Native

Uses: Streets, Specimen, Buffers, Screens, Borders, Hedges, Parking Lots
Very hardy/Tolerates drought, salt and pruning/Withstands inundation/Female plants have red berries/Weeping variety available

Understory /Evergreen

Quick Look

Scientific Name
Magnolia grandiflora 'Little Gem'

Common Name
Little Gem Magnolia

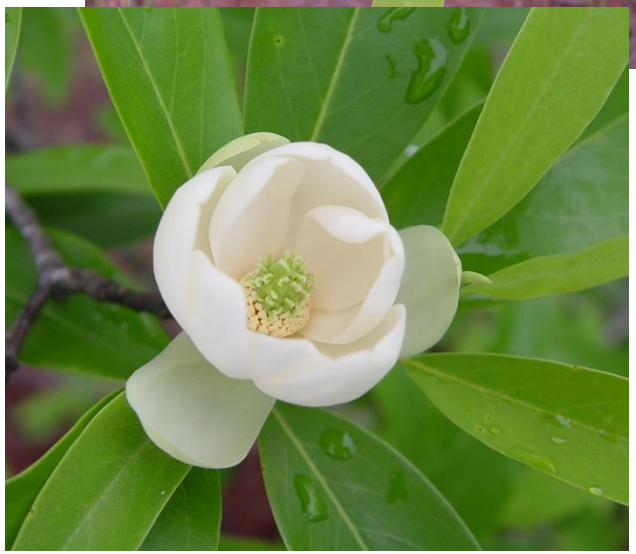
Growth Rate
Slow

Height
15 – 20'

Width
8 – 10'

Uses: Specimen, Buffers, Screens, Borders, Hedges
Tolerates drought, heat and urban conditions/Fragrant white flowers in spring/
Recommended for planting near sewer lines

Understory /Evergreen



Quick Look

Scientific Name
Magnolia virginiana
Common Name
Sweetbay Magnolia
Growth Rate
Moderate
Height
20 – 40’
Width
10 – 20’

- Native

Uses: Lawn, Medians, Specimen, Buffer, Accent, Foundations, Residential
Fragrant white flowers in spring/Moist to wet soils/Semi-evergreen to evergreen

Understory /Evergreen

Flowers are inconspicuous

Quick Look

Scientific Name
Myrica cerifera
Common Name
Wax Myrtle
Growth Rate
Fast
Height
10 – 20’
Width
10 – 20’

- Native

Uses: Screens, Borders, Hedges, Parking Lots, Residential
Can be used as a large shrub but when limbed up makes a lovely small tree/Tolerates salt spray and drought/Full sun to part shade

Understory /Evergreen

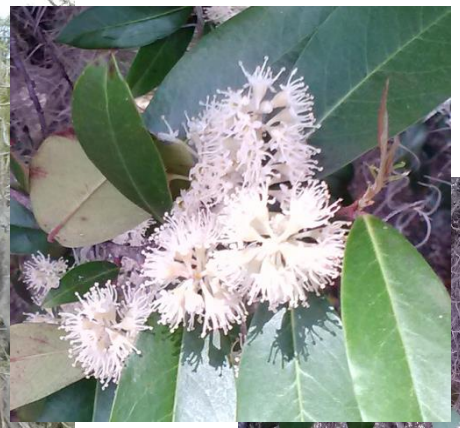
Quick Look

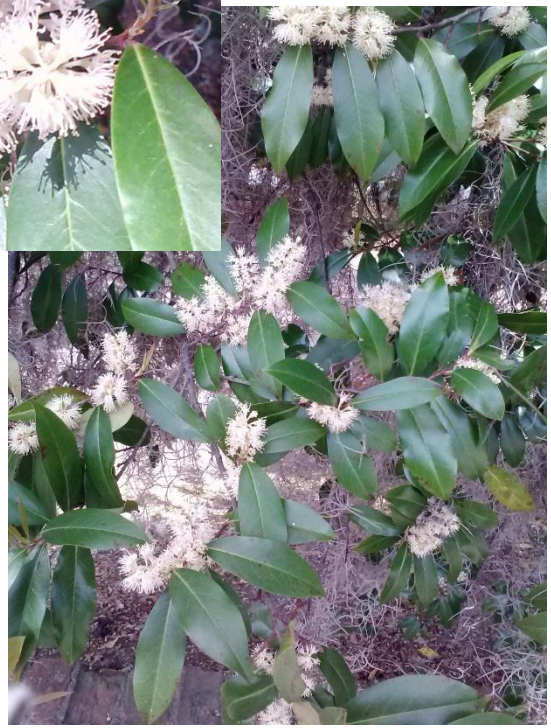
Scientific Name
Osmanthus americana
Common Name
Devilwood
Growth Rate
Moderate
Height
20 – 30’
Width
10 – 15’

- Native

Uses: Naturalized Areas
Fragrant flowers/Tolerates pruning/May be difficult to find in the trade

Understory /Evergreen





Quick Look

Scientific Name
Prunus caroliniana
Common Name
Cherrylaurel
Growth Rate
Fast
Height
20 – 30’
Width
15 – 20’

- Native

Uses: Screens, Hedges, Foundations of Large Buildings, Naturalized Areas, Reclamation Sites

Tolerates heavy pruning/Tends to produce many seedlings/White flowers late winter – early spring/Recommended for planting near sewer lines

Understory /Evergreen

Photos Coming

Quick Look

Scientific Name
Quercus acuta
Common Name
Japanese Evergreen Oak
Growth Rate
Moderate
Height
20 – 30’
Width
15 – 20’

Uses: Medians, Specimen, Screens, Borders
New growth purple - brown/May be difficult to find in the trade

Understory /Evergreen

Photos Coming

Quick Look

Scientific Name
Quercus myrsinifolia
Common Name
Chinese Evergreen Oak
Growth Rate
Slow
Height
20 – 30’
Width
15 – 20’

Uses: Lawn, Streets, Borders
New growth purple - brown/Tolerates heat/May be difficult to find in the trade

Understory /Evergreen

Quick Look

Scientific Name
Viburnum obovatum

Common Name
Walters Viburnum

Growth Rate
Moderate

Height
6 – 15’

Width
6 – 15’

- Native

Uses: Buffers, Screens, Hedges
Tolerates drought and severe pruning/Small white flowers in early spring/¼” red fruits ripening to black/Suckers

Understory /Evergreen

Shrubs-Deciduous 6' & Up

Quick Look

Scientific Name
Aesculus parviflora

Common Name
Buckeye Bottlebrush

Spacing
8’

Height
8 - 12’

Light Requirements
Shade- Part Shade

- Native

Uses: Naturalized Areas
Tolerates severe pruning/Rejuvenate by pruning to ground/Suckers forming colonies/Showy white flowers

Shrub/Deciduous

Photos Coming

Quick Look

Scientific Name
Alnus serrulata
Common Name
Tag Alder
Spacing
10’
Height
10 - 20’
Light Requirements
Sun

- Native

Uses: Naturalized Areas
Suckers and forms thickets/Fruit attracts birds

Shrub/Deciduous

Photos Coming

Quick Look

Scientific Name
Aronia arbutifolia
Common Name
Red Chokeberry
Spacing
3’
Height
6 - 10’
Light Requirements
Sun – Light Shade

- Native

Uses: Borders, Residential, Massing, Campuses
Tolerates drought/Adaptable/Transplants easily/Beautiful red fruit in fall/Suckers/
Inclined to becoming leggy

Shrub/Deciduous

Photos Coming

Quick Look

Scientific Name
Baccharis halimifolia
Common Name
Groundsel-bush
Spacing
5’
Height
5 - 12’
Light Requirements
Sun

- Native

Uses: Coastal Areas, Naturalized Areas
White cottony flowers in fall/Tolerates salt spray, drought, and poor fertility/Deciduous to semi-evergreen

Shrub/Deciduous

Quick Look

Scientific Name
Calycanthus floridus
Common Name
Eastern Sweetshrub
Spacing
5’
Height
6 - 10’
Light Requirements
Sun – Shade

- Native

Uses: Borders, Patios
Red flowers in late spring – early summer/Flowers variable in fragrance /Suckering habit

Shrub/Deciduous

Quick Look

Scientific Name
Cephalanthus occidentalis
Common Name
Buttonbush
Spacing
6’
Height
6 - 10’
Light Requirements
Sun – Part Shade

•Native

Uses: Rain Gardens, Wet Sites
Does not tolerate dry soil/Happy with inundation/Small fragrant white flowers that appear in a spherical shape

Shrub/Deciduous

Quick Look

Scientific Name
Chaenomeles speciosa

Common Name
Flowering Quince

Spacing
6’

Height
6-10’

Light Requirements
Sun – Part Shade

Uses: Borders, Foundations, Residential, Massing
Shrub has thorns and edible fruit/Many cultivars with numerous flowering colors/Flowers late winter-early spring

Shrub/Deciduous

Photos Coming

Quick Look

Scientific Name
Clethra alnifolia
Common Name
Sweet Pepperbush
Spacing
4’
Height
4 - 8’
Light Requirements
Sun – Part Shade

- Native

Uses: Borders, Patios, Naturalized Areas
Very hardy/Fragrant white flowers in summer/Suckering habit/Tolerates salt spray and wet sites

Shrub/Deciduous

Photos Coming

Quick Look

Scientific Name
Cornus amomum
Common Name
Silky Dogwood
Spacing
6’
Height
6 - 10’
Light Requirements
Sun – Part Shade

•Native

Uses: Borders, Massing, Naturalizing
Transplants easily/Best in rear of border/Becoming open and leggy with age/Flowers not fragrant

Shrub/Deciduous

Photos Coming

Quick Look

Scientific Name
Corylus americana
Common Name
American Filbert
Spacing
6’
Height
8 - 10’
Light Requirements
Sun – Part Shade

•Native

Uses: Naturalizing,
Suckers and forms thickets/Nuts are edible/Needs large space

Shrub/Deciduous

Quick Look

Scientific Name
Deutzia scabra
Common Name
Pride of Rochester
Spacing
4’
Height
6 - 10’
Light Requirements
Sun – Part Shade

Uses: Back of Borders,
Showy white flowers in spring/Gets leggy/Needs a cool location, Zone 8a

Shrub/Deciduous

Quick Look

Scientific Name
Forsythia x intermedia
Common Name
Forsythia
Spacing
5’
Height
5’
Light Requirements
Sun – Part Shade

Uses: Accent, Borders, Foundations, Residential, Massing
Showy yellow flowers in spring/Tolerates drought/Arching habit/New plants form where stems touch the ground

Shrub/Deciduous

Photos Coming

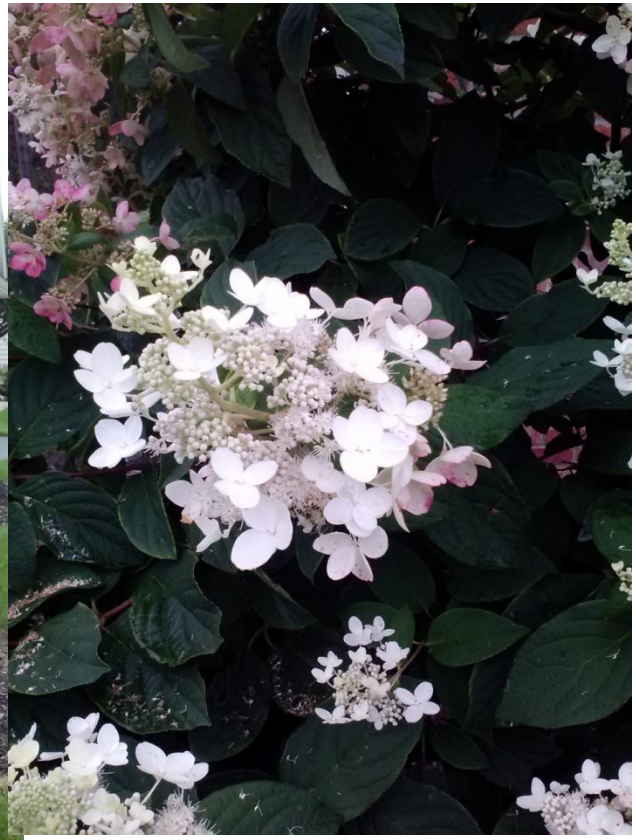
Quick Look

Scientific Name
Fothergilla major
Common Name
Large Fothergilla
Spacing
5’
Height
6-10’
Light Requirements
Part Shade - Sun

- Native

Uses: Borders, Foundations, Residential, Massing, Naturalizing
Acid soil - does not tolerate limey soils/Suckers/Leaves turn red, orange and yellow often all on the same plant/Moist soil/Showy white flower spikes

Shrub/Deciduous



Quick Look

Scientific Name
Hydrangea paniculata

Common Name
Panicle Hydrangea

Spacing
8’

Height
10 - 20’

Light Requirements
Part Shade - Sun

Uses: Foundations, Back of Borders
Very hardy/Showy white flowers in summer/Weight of flowers cause stems to arch/Tolerates urban conditions/Many cultivars/Prefers some shade and moist soils

Shrub/Deciduous

Quick Look

Scientific Name
Ilex decidua
Common Name
Possumhaw
Spacing
5’
Height
20 - 30’
Light Requirements
Part Shade - Sun

- Native

Uses: Naturalized Areas, Wet Sites
Suckers/Attracts wildlife/Red berries in winter on female plants

Shrub/Deciduous

Quick Look

Scientific Name
Ilex verticillata
Common Name
Winterberry
Spacing
5’
Height
6-10’
Light Requirements
Sun- Part Shade

- Native

Uses: Borders, Massing, Rain Gardens, Pond Edges
Showy red berries/Female plants require a male pollinator to set fruit/Best fruit set in full sun

Shrub/Deciduous

Photos Coming

Quick Look

Scientific Name
Philadelphus inodorus
Common Name
Mock Orange
Spacing
6’
Height
6 – 10’
Light Requirements
Sun - Part Shade

- Native

Uses: Back of Borders, Naturalized Areas
Transplants easily/Non - fragrant white flowers/Prune after flowering

Shrub/Evergreen

Quick Look

Scientific Name
Rhododendron austrinum

Common Name
Florida Azalea

Spacing
5’

Height
8 - 10’

Light Requirements
Part Shade

- Native

Uses: Specimen, Borders, Patios, Foundations, Naturalized Areas
Acid soils/Drought tolerant/Showy fragrant yellow - orange flowers in spring/Plant is poisonous

Shrub/Deciduous

Quick Look

Scientific Name
Rhododendron canescens

Common Name
Hoary Azalea

Spacing
5’

Height
6 – 10’

Light Requirements
Part Shade

- Native

Uses: Specimen, Borders, Foundations, Naturalized Areas
Acid soils/Shallow root system/Tolerates drought/Showy pink flowers/Plant is poisonous

Shrub/Deciduous

Quick Look

Scientific Name
Rhododendron flammeum
Common Name
Oconee Azalea
Spacing
5’
Height
6 – 8’
Light Requirements
Part Shade

- Native

Uses: Specimen, Borders, Foundations, Naturalized Areas
Tolerates heat and drought/Showy orange to red flowers/Locate in a protected cool area

Shrub/Deciduous

Quick Look

Scientific Name
Rhododendron periclymenoides
Common Name
Pinxter Azalea
Spacing
6’
Height
6 - 12’
Light Requirements
Light Sun - Shade

- Native

Uses: Borders, Foundations, Residential, Massing
Tolerates dry soil/Slow growing/Protect from afternoon sun/White to pink showy flowers/Plant is poisonous

Shrub/Deciduous

Photos Coming

Quick Look

Scientific Name
Rhus glabra
Common Name
Smooth Sumac
Spacing
6’
Height
10 - 15’
Light Requirements
Sun - Shade

- Native

Uses: Massing, Naturalizing
Tolerates drought/Suckers and forms colonies/Mow to ground to rejuvenate/Showy red berries

Shrub/Deciduous

Quick Look

Scientific Name
Spiraea prunifolia
Common Name
Bridalwreath Spiraea
Spacing
5’
Height
4 – 9’
Light Requirements
Sun

Uses: Back of Borders, Foundations, Massing
Tolerates drought/Showy white flowers in early spring/Arching habit/Gets leggy

Shrub/Deciduous

Quick Look

Scientific Name
Spiraea x vanhouttei

Common Name
Vanhoutte Spiraea

Spacing
6’

Height
6 – 8’

Light Requirements
Sun -

Uses: Back of Borders, Foundations, Massing
Tough plant/Arching habit/Showy white flowers in spring/Requires regular watering

Shrub/Deciduous

Quick Look

Scientific Name
Viburnum x burkwoodii

Common Name
Burkwood Viburnum

Spacing
5’

Height
8-10’

Light Requirements
Sun – Part Shade

- Hybrid

Uses: Screens, Borders, Parking Lots, Foundations, Residential
Tolerant of heat and pollution/Very fragrant flowers in spring/Flowers best in full sun/ Well drained soil/Nematodes can be a problem/Holds leaves until late and may even be considered semi-evergreen

Shrub/Deciduous

Photos Coming

Quick Look

Scientific Name
Viburnum dentatum
Common Name
Arrowwood
Spacing
6’
Height
6 – 8’
Light Requirements
Sun – Part Shade

- Native

Uses: Hedges, Borders, Massing
Good filler shrub/Adaptable/Transplants easily/White flowers/Blue-black fruit attracts birds

Shrub/Deciduous

Quick Look

Scientific Name
Viburnum nudum
Common Name
Smooth Witherod
Spacing
6’
Height
6 – 10’
Light Requirements
Sun – Shade

- Native

Uses: Borders, Massing, Naturalized Areas
Tolerates drought and wet or dry sites/White flowers in spring/Blue black fruit that attracts birds

Shrub/Deciduous

Photos Coming

Quick Look

Scientific Name
Viburnum prunifolium
Common Name
Blackhaw Viburnum
Spacing
6’
Height
12 – 15’
Light Requirements
Sun – Shade

- Native

Uses: Specimen, Borders, Massing
Transplants easily/Tolerates drought and heat/Large shrub or small tree/White flowers in spring

Shrub/Deciduous

Quick Look

Scientific Name
Weigela florida
Common Name
Weigela
Spacing
5’
Height
6-9’
Light Requirements
Sun – Part Shade

- Hybrid

Uses: Borders, Foundations, Residential, Massing
Tolerant of pollution/Flowers in late spring-early summer/Lots of cultivars with many different colors of flowers

Shrub/Deciduous

Shrubs-Deciduous Up to 6'

Quick Look

Scientific Name
Aronia melanocarpa
Common Name
Black Chokeberry
Spacing
3’
Height
3 - 6’
Light Requirements
Sun – Light Shade

- Native

Uses: Borders, Residential, Campuses, Massing
Tolerates drought/Adaptable/Transplants easily/Black fruit in fall, hidden by leaves but apparent after they fall off/Suckers/Inclined to becoming leggy

Shrub/Deciduous

Quick Look

Scientific Name
Callicarpa americana
Common Name
American Beautyberry
Spacing
3.5’
Height
3 – 6’
Light Requirements
Sun - Part Shade

- Native

Uses: Rain Gardens, Massing, Naturalized Areas
Showy purple berries that persist into winter/Cut back after berries to regenerate/Flowers on new growth

Shrub/Deciduous

Photos Coming

Quick Look

Scientific Name
Ceanothus americanus
Common Name
New Jersey Tea
Spacing
3’
Height
3 – 4’
Light Requirements
Sun – Shade

- Native

Uses: Residential, Tough Areas
Tolerates dry soils/Showy white flowers/Leaves used for tea

Shrub/Deciduous

Quick Look

Scientific Name
Chaenomeles japonica

Common Name
Japanese Flowering Quince

Spacing
5’

Height
2 - 3’

Light Requirements
Sun - Part Shade

Uses: Borders, Massing
Plants has thorns/Showy flowers from orange to red in spring/Edible fruit

Shrub/Deciduous

Quick Look

Scientific Name
Euonymus americanus
Common Name
Hearts-a-burstin
Spacing
4’
Height
4 - 6’
Light Requirements
Part Shade - Shade

•Native

Uses: Massing, Naturalizing
Deer love this shrub/Beautiful in fall when the scarlet capsules burst open and reveal the red seeds

Shrub/Deciduous

Quick Look

Scientific Name
Hydrangea arborescens

Common Name
Smooth Hydrangea

Spacing
4’

Height
3-5’

Light Requirements
Part Sun- Shade

- Native

Uses: Borders, Massing, Reclamation Areas
Showy white flowers/High water requirements/Requires a shady site but with ample water will tolerate more sun/Can be pruned to the ground in winter

Shrub/Deciduous

A Lacecap cultivar

Quick Look

Scientific Name
Hydrangea macrophylla

Common Name
Bigleaf Hydrangea

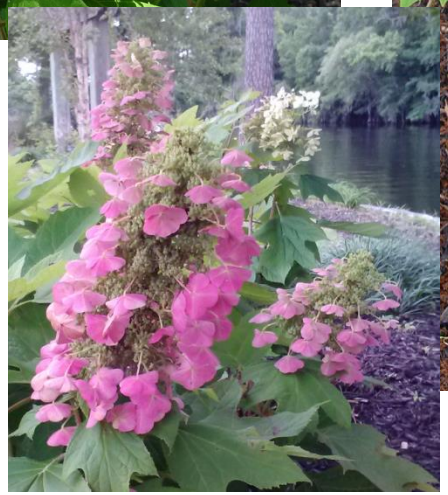
Spacing
3’

Height
3-6’

Light Requirements
Part Shade

Uses: Borders, Foundations, Coastal Areas
High water requirement/Showy flowers/Flower color ph dependant/Many cultivars/Prune after flowering

Shrub/Deciduous



Quick Look

Scientific Name
Hydrangea quercifolia
Common Name
Oakleaf Hydrangea
Spacing
4’
Height
4-6’
Light Requirements
Part Sun- Shade

- Native

Uses: Borders, Foundations, Residential
Fragrant white flowers changing to pink early summer/High water requirements/Needs a shady area but does not tolerate dense shade/Tolerant of urban conditions/Many cultivars

Shrub/Deciduous

Quick Look

Scientific Name
Itea virginica
Common Name
Virginia Sweetspire
Spacing
3.5’
Height
4-6’
Light Requirements
Sun - Shade

- Native

Uses: Rain Gardens, Naturalized Areas, Flood Zones, Residential
Tolerates inundation and drought/Prefers moist areas/White flowers in spring/Spreads by runners/Red fall color

Shrub/Deciduous

Quick Look

Scientific Name
Kerria japonica
Common Name
Kerria
Spacing
4’
Height
4-6’
Light Requirements
Shade – Part Sun
6-9’

Uses: Borders, Massing
Tough plant/Tolerates drought/Yellow flowers in spring; flower color better in shade

Shrub/Deciduous

Photos Coming

Quick Look

Scientific Name
Rhus aromatica
Common Name
Fragrant Sumac
Spacing
6’
Height
2 - 6’
Light Requirements
Sun - Shade

- Native

Uses: Massing, Naturalizing, Erosion Control
Tolerates drought/Roots where stems touch ground/Size can vary and may reach 12’/Fragrant flowers and foliage

Shrub/Deciduous

Photos Coming

Quick Look

Scientific Name
Rosa Carolina
Common Name
Carolina Rose
Spacing
3’
Height
1 - 3’
Light Requirements
Sun - Shade

- Native

Uses: Residential, Massing, Naturalizing
Tolerates drought/Fragrant pink flowers/Has thorns/Does best in full sun – helps keep foliar diseases in check/May require fungicide applications

Shrub/Deciduous

Photos Coming

Quick Look

Scientific Name
Rosa palustris
Common Name
Swamp Rose
Spacing
3’
Height
3 - 6’
Light Requirements
Sun – Part Shade

- Native

Uses: Rain Gardens, Residential, Naturalizing
Fragrant pink flowers/Has thorns/Does best in full sun - helps keep foliar diseases in check/Good for wet soils/Prune in winter

Shrub/Deciduous

Photos Coming

Quick Look

Scientific Name
Symphoricarpos orbiculatus

Common Name
Coralberry

Spacing
4’

Height
2 - 5’

Light Requirements
Light Sun - Shade

- Native

Uses: Borders, Foundations, Residential, Massing
Showy pink berries in winter/Spreads by rooting where stems touch ground/Can form colonies

Shrub/Deciduous

Photos Coming

Quick Look

Scientific Name
Viburnum acerifolium

Common Name
Mapleleaf Viburnum

Spacing
4’

Height
4-6’

Light Requirements
Part Sun - Shade

- Native

Uses: Naturalized Areas, Shady Areas
White flowers in late spring/Suckers and forms colonies/Tolerates dry soil

Shrub/Deciduous

Photos Coming

Quick Look

Scientific Name
Viburnum cassinoides
Common Name
Witherod Viburnum
Spacing
5’
Height
5-6’
Light Requirements
Sun - Part Shade

- Native

Uses: Borders, Massing, Naturalizing
Tolerates wet soil/White flowers in late spring/Berries turn from green to pink, red, blue and black; often all colors within same cluster of berries/Can reach to 10’

Shrub/Deciduous

Shrubs – Evergreen
6' & Up

Quick Look

Scientific Name
Callistemon citrinus

Common Name
Bottlebrush

Spacing
6’

Height
10 – 12’

Light Requirements
Sun

Uses: Specimen, Hedges, Screens, Patios, Courtyards, Containers
Tolerates drought/Showy red flowers/Zones 8b and higher or coastal zone/Attracts hummingbirds

Shrub/Evergreen

Quick Look

Scientific Name
Camellia japonica
Common Name
Japanese Camellia
Spacing
5’
Height
8 – 15’
Light Requirements
Part Sun – Part Shade

Uses: Specimen, Borders, Accent, Screens, Patios
Prune after flowering/Many cultivars with an array of colors/Flowers anywhere from winter to spring depending on cultivar

Shrub/Evergreen

Quick Look

Scientific Name
Camellia sasanqua
Common Name
Sasanqua Camellia
Spacing
4.5’
Height
6 – 10’
Light Requirements
Part Sun – Part Shade

Uses: Specimen, Borders, Accent, Screens, Patios
Prune after flowering/Many cultivars with an array of colors/Flowers in fall/Generally smaller than Japanese Camellia

Shrub/Evergreen

Quick Look

Scientific Name
Cleyera japonica
Common Name
Japanese Cleyera
Spacing
5’
Height
8-12’
Light Requirements
Sun

Uses: Screens, Borders, Foundations
Fragrant white flowers in spring/Prefers moist soils

Shrub/Evergreen

Quick Look

Scientific Name
Feijoa sellowiana
Common Name
Pineapple Guava
Spacing
5’
Height
6 – 10’
Light Requirements
Sun

Uses: Specimen, Borders, Screens, Accent, Patios, Residential
Tolerates drought and salt spray/Very adaptable/Edible fruits and flowers

Shrub/Evergreen

Quick Look

Scientific Name
Ilex cornuta
Common Name
Chinese Holly
Spacing
Varies
Height
Varies
Light Requirements
Sun – Part Shade

Uses:, Borders, Buffers, Hedges, Screens, Residential, Commercial
Species has sharp spines on leaves – use cultivars only/Tolerates drought, heat and pruning/Spacing and size dependant upon cultivar/Many cultivars available

Shrub/Evergreen

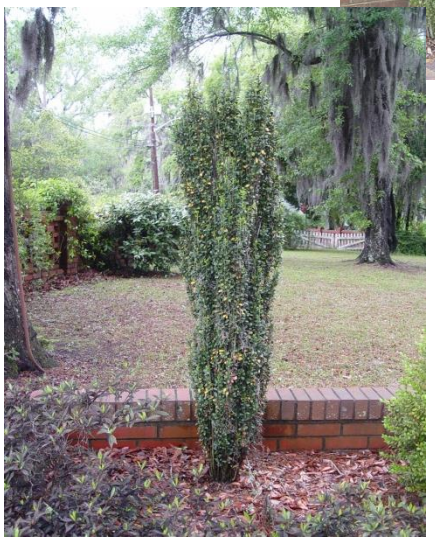
Photos Coming

Quick Look

Scientific Name
Ilex crenata
Common Name
Japanese Holly
Spacing
Varies
Height
Varies
Light Requirements
Sun – Part Shade

Uses: Borders, Buffers, Hedges, Screens, Residential, Commercial
Tolerates pruning/Spacing and size dependant upon cultivar/Many cultivars available

Shrub/Evergreen



Quick Look

Scientific Name
Ilex crenata 'Sky Pencil'
Common Name
Sky Pencil Japanese Holly
Spacing
2'
Height
6-8'
Light Requirements
Sun – Part Shade

Uses: Accents, Patios, Courtyards, Foundations, Walls
Formal appearance/Good in containers and small spaces/Tolerates urban conditions/Spider mites and nematodes can be a problem

Shrub/Evergreen

Quick Look

Scientific Name
Ilex glabra
Common Name
Inkberry Holly
Spacing
5’
Height
8 -10’
Light Requirements
Sun – Part Shade

- Native

Uses: Accent, Buffers, Hedges, Screens, Borders, Naturalized Areas
Tolerates inundation and pruning/Tends to sucker into colonies/Better to use cultivars than the species

Shrub/Evergreen

Quick Look

Scientific Name
Illicium floridanum

Common Name
Florida Anise

Spacing
5’

Height
6-10’

Light Requirements
Part Shade - Shade

- Native

Uses: Shade Borders, Residential
Leaves have anise type odor when crushed/Red flowers with an unusual odor/Slow growing requiring little to no pruning/Cultivars with white flowers

Shrub/Evergreen

Hollywood Juniper

Green Sea Juniper

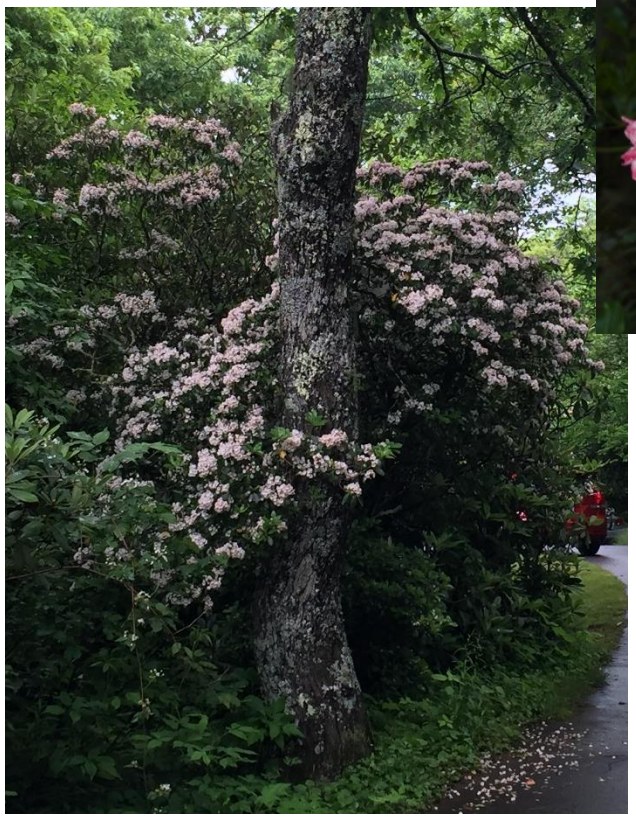
Quick Look

Scientific Name
Juniperus chinensis
Common Name
Chinese Juniper
Growth Rate
Slow - Moderate
Height
Varies
Width
Varies
Shape
Varies

Uses: Lawns, Specimen, Hedge, Screens, Windbreaks, Foundations, Golf Courses, Residential

Size, spacing and hue of color determined by cultivar/Tolerant of drought, air pollution and urban conditions/Very tough plant

Shrub/Evergreen



Quick Look

Scientific Name
Kalmia latifolia
Common Name
Mountain Laurel
Spacing
7’
Height
7-15’
Light Requirements
Sun - Shade

- Native

Uses: Shade Borders, Residential, Massing, Naturalizing
Tolerates drought/Transplants easily/Acid soil/Showy flower clusters/Plant is poisonous

Shrub/Evergreen

Quick Look

Scientific Name
Laurus nobilis
Common Name
Bay Laurel
Spacing
5’
Height
8 – 12’
Light Requirements
Part Shade

Uses: Buffers, Screens, Borders, Containers
Leaves used in cooking/Moist soils/Tolerates pruning and drought/Yellow-green flowers in spring/Black berries in fall/Makes a great container plant

Shrub/Evergreen

Quick Look

Scientific Name
Leucothoe populifolia (Agarista populifolia)

Common Name
Florida Leucothoe

Spacing
5’

Height
8 – 12’

Light Requirements
Shade

- Native

Uses: Stream & Pond Bank Stabilization
Tends to sucker/Moist soils/White flowers in spring

Shrub/Evergreen

Quick Look

Scientific Name
Loropetalum chinensis

Common Name
Loropetalum

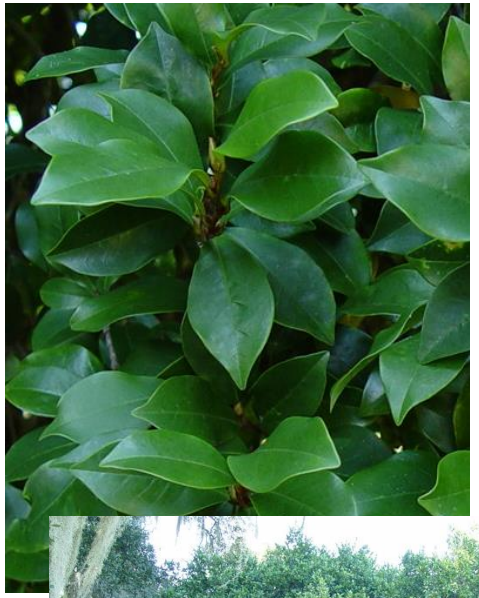
Spacing
5’

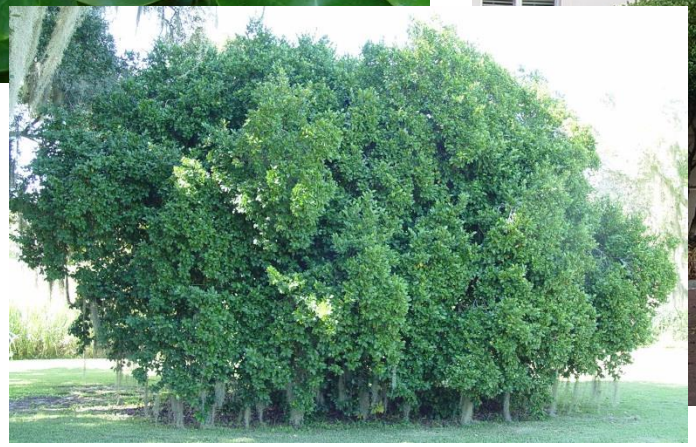
Height
10’

Light Requirements
Sun – Part Shade

Uses: Screens, Borders, Parking Lots, Foundations, Walkways,
Withstands pruning/Does not tolerate high ph or dry soils/Many cultivars with different sizes/Variety rubrum types very popular with their reddish purple leaves

Shrub/Evergreen





Quick Look

Scientific Name
Michelia figo
Common Name
Banana Shrub
Spacing
5’
Height
6 – 10’ (30-40’)
Light Requirements
Sun - Part Shade

Uses: Specimen, Buffers, Screens, Borders, Foundations
Fragrant flowers in spring/Tolerates drought and pruning/Can be limbed up for small tree

Shrub/Evergreen

Quick Look

Scientific Name
Myrica cerifera
Common Name
Wax Myrtle
Spacing
5’
Height
6 – 10’
Light Requirements
Sun - Part Shade

- Native

Uses: Hedges, Screens, Borders, Commercial, Naturalized Areas
Can be used as a small tree when limbed up/Tolerates salt spray and drought/Full sun to part shade

Shrub/Evergreen

Quick Look

Scientific Name
Nerium oleander
Common Name
Oleander
Spacing
5’
Height
6-12’
Light Requirements
Sun

Uses: Buffers, Screens, Borders, Foundations
Plant is poisonous/Tolerates air pollution, salt spray, drought, heat, wind and confined conditions/Low maintenance/Good in containers and coastal plains/Die back in freezing temperatures/Many cultivars offering different colored flowers and sizes

Shrub/Evergreen

Quick Look

Scientific Name
Osmanthus fragrans

Common Name
Fragrant Tea Olive

Spacing
8’

Height
10 – 20’

Light Requirements
Sun - Part Shade

Uses: Specimen, Buffers, Screens, Borders, Foundations to Large Buildings
Fragrant white flowers in fall/Tolerates drought and pruning/Several cultivars with different color flowers

Shrub/Evergreen

Quick Look

Scientific Name
Osmanthus x fortunei

Common Name
Fortune's Osmanthus

Spacing
8'

Height
15 – 20'

Light Requirements
Sun - Part Shade

- Hybrid

Uses: Specimen, Buffers, Screens, Borders, Foundations
Spine tipped teeth on leaves/Fragrant flowers in fall/Tolerates drought and pruning

Shrub/Evergreen

Photos Coming

Quick Look

Scientific Name
Osmanthus heterophyllus

Common Name
Holly Tea Olive

Spacing
7’

Height
8 – 10’

Light Requirements
Sun - Part Shade

Uses: Specimen, Buffers, Screens, Borders, Foundations, Barriers
Spiny leaves/Fragrant flowers in fall/Tolerates pruning/Many cultivars

Shrub/Evergreen

Quick Look

Scientific Name
Photinia x fraseri
Common Name
Fraseri Photinia
Red Tip
Spacing
5’
Height
10 – 15’ Tall
Light Requirements
Sun

- Hybrid

Uses: Hedges, Screens, Borders, Groupings
Tolerates heavy pruning/White flowers in the spring; new growth red/Flowers foul smelling

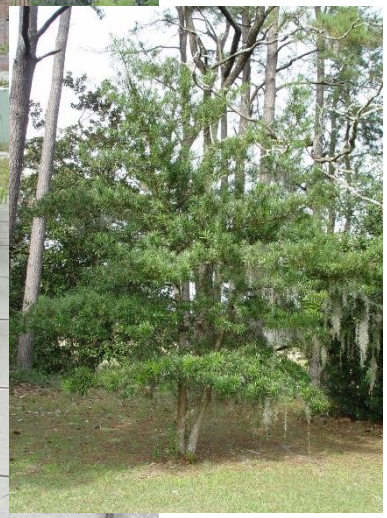
Shrub/Evergreen

Quick Look

Scientific Name
Pittosporum tobira
Common Name
Japanese Pittosporum
Spacing
7’
Height
10-12’
Light Requirements
Sun – Shade

Uses: Buffers, Hedges, Screens, Borders, Foundations
Fragrant flowers in spring/Tolerates heavy pruning, salt spray, drought, heat, and confined conditions/Low maintenance/Many cultivars with different sizes/Also comes variegated (Shown in top picture)

Shrub/Evergreen



Quick Look

Scientific Name
Podocarpus macrophyllus 'Maki'

Common Name
Shrubby Podocarpus

Spacing
7'

Height
10 – 15' Tall

Light Requirements
Sun

Uses: Hedges, Screens, Borders, Foundations
Tolerates pruning and salt spray/Does not tolerate wet soils/Appreciates some afternoon shade.

Shrub/Evergreen

Quick Look

Scientific Name
Rhododendron catawbiense
Common Name
Catawba Rhododendron
Spacing
5’
Height
6 – 10’
Light Requirements
Shade – Light Sun

- Native to Appalachian Mountains

Uses: Borders, Foundations, Massing, Naturalized Areas
Does not tolerate poor drainage/Many cultivars with a variety of flower colors

Shrub/Evergreen

Quick Look

Scientific Name
Rhododendron spp.

Common Name
Rhododendron / Azalea

Spacing
Varies

Height
Varies

Light Requirements
Part Sun - Shade

Uses: Specimen, Buffers, Hedges, Screens, Borders, Residential, Commercial
Hundreds of species & cultivars producing many colors of flowers/Showy flowers in spring

Shrub/Evergreen

Photos Coming

Quick Look

Scientific Name
Sambucus canadensis

Common Name
American Elder

Spacing
5’

Height
5 - 12’

Light Requirements
Light Sun - Shade

- Native

Uses: Residential, Naturalizing
Tolerates dry soil/Suckers/High maintenance for best look/Showy creamy-white flowers/Edible fruit

Shrub/Deciduous

Photos Coming

Quick Look

Scientific Name
Viburnum japonicum

Common Name
Japanese Viburnum

Spacing
5’

Height
6 – 8’

Light Requirements
Sun – Light Shade

Uses: Specimen, Buffers, Hedges, Screens, Borders
Fragrant white flowers in spring/Very dense plant

Shrub/Evergreen

Newly planted Sandankwa

Quick Look

Scientific Name
Viburnum suspensum

Common Name
Sandankwa Viburnum

Spacing
5’

Height
6 – 12’

Light Requirements
Sun - Shade

Uses: Specimen, Buffers, Hedges, Screens, Borders, Foundations, Residential
Fragrant pinkish white flowers in spring/Tolerates pruning and heat/Needs moderate moisture

Shrub/Evergreen

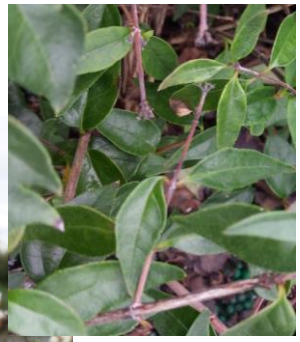
Quick Look

Scientific Name
Viburnum tinus
Common Name
Laurustinus
Viburnum
Spacing
5’
Height
6 – 12’
Light Requirements
Sun – Part Shade

Uses: Specimen, Buffers, Hedges, Screens, Borders
Fragrant white flowers late winter/Tolerates drought, shade and salt spray/Good along coast

Shrub/Evergreen

Shrubs- Evergreen Up to 6'



Quick Look

Scientific Name
Abelia x grandiflora

Common Name
Glossy Abelia

Spacing
3’

Height
3 – 6’

Light Requirements
Sun – Light Shade

Uses: Buffers, Hedges, Screens, Borders, Foundations, Massing
Very hardy/Tolerates pruning and drought/Can become leggy/Small, pink to white flowers, summer until frost/Variety of cultivars

Shrub/Evergreen

Quick Look

Scientific Name
Acuba japonica
Common Name
Japanese Acuba
Spacing
4’
Height
4-6’(8’)
Light Requirements
Shade – Dense Shade

Uses: Foundations, Shady Places, Under Evergreens,
Tolerates air pollution and moderate drought/Grown for foliage/Easy to transplant

Shrub/Evergreen

Photos Coming

Quick Look

Scientific Name
Berberis julianae
Common Name
Wintergreen Barberry
Spacing
3’
Height
3 – 6’
Light Requirements
Sun – Light Shade

Uses: Buffers, Hedges, Screens, Borders
Has thorns and spiny leaves/Tolerates pruning/Small yellow fragrant flowers in spring/Blue-black berries

Shrub/Evergreen

Japanese Boxwood

Richard's Littleleaf

Quick Look

Scientific Name
Buxus microphylla spp.

Common Name
Boxwood

Spacing
3'

Height
3 – 6'

Light Requirements
Sun – Light Shade

Uses: Hedges, Borders, Foundations, Formal Plantings, Edges
Mulch heavily/Tolerates pruning/Does not tolerate drying winds/Fragrant flowers in spring/Many cultivars available

Shrub/Evergreen

Quick Look

Scientific Name

Camellia sinensis

Common Name

Tea

Spacing

4’

Height

4 – 6’

Light Requirements

Sun – Light Shade

Uses: Buffers, Hedges, Screens, Borders, Foundations
Tolerates heat and drought/Flowers in fall/Leaves used for making tea/May be difficult to find in the trade

Shrub/Evergreen

Quick Look

Scientific Name
Fatsia japonica
Common Name
Japanese Fatsia
Spacing
3.5’
Height
4 – 6’ Tall
Light Requirements
Dense shade to shade

Uses: Patios, Courtyards, Foundations, Textural Effects
Tolerates air pollution, salt spray and confined conditions/Does not tolerate sun/Good in containers

Shrub/Evergreen

Quick Look

Scientific Name
Gardenia jasminoides

Common Name
Gardenia

Spacing
4’

Height
4 – 6’

Light Requirements
Sun – Light Shade

Uses: Screens, Borders, Patios, Foundations, Walkways, Drop-off Areas
Fragrant white flowers late spring – early summer/Many cultivars/Requires maintenance

Shrub/Evergreen

Photos Coming

Quick Look

Scientific Name
Hypericum frondosum

Common Name
Golden St. John's Wort

Spacing
4'

Height
4-6'

Light Requirements
Part Sun- Shade

- Native

Uses: Borders, Foundations, Residential
Yellow flowers/Upright habit/May be hard to find in the trade

Shrub/Evergreen

Picture courtesy of Irene (Mrs. Robert V.) Booth

Quick Look

Scientific Name
Ilex cornuta 'Bufordii Nana'

Common Name
Dwarf Buford Holly

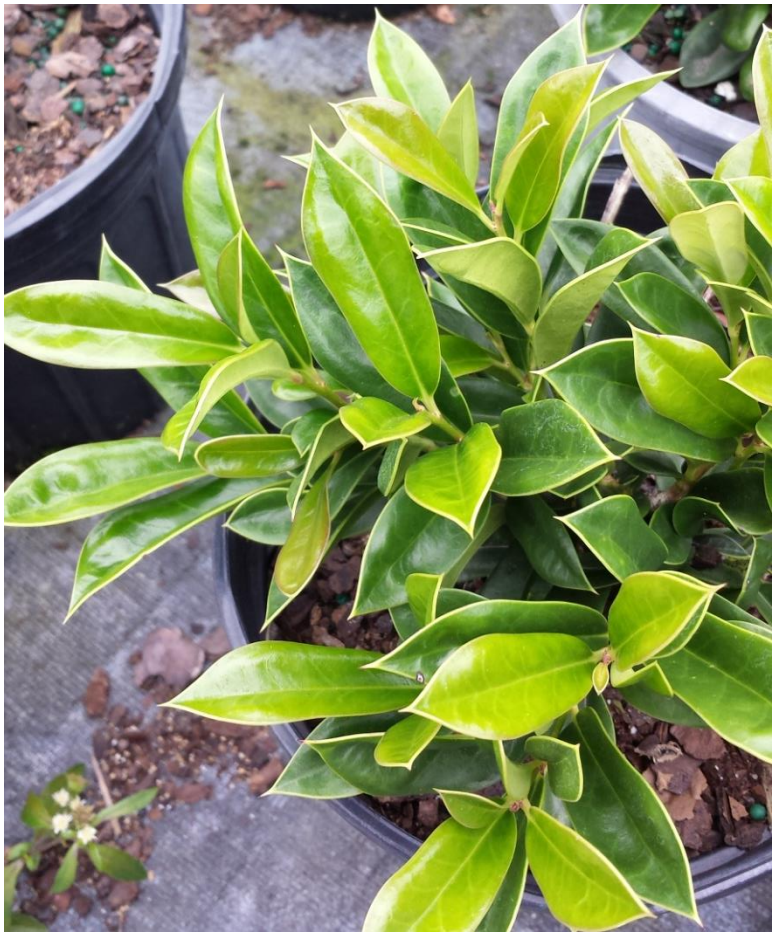
Spacing
4'

Height
5 – 6'

Light Requirements
Sun – Light Shade

Uses: Buffers, Hedges, Screens, Borders, Berms
Very hardy/Tolerates pruning, heat and drought/Single spine on leaves

Shrub/Evergreen



Quick Look

Scientific Name
Ilex cornuta 'Carissa'

Common Name
Carissa Holly

Spacing
4'

Height
3 – 4'

Light Requirements
Sun – Light Shade

Uses: Buffers, Hedges, Screens, Borders, Berms
Very hardy/Tolerates pruning, heat and drought/Single spine on leaves/Good for impenetrable hedge

Shrub/Evergreen

Quick Look

Scientific Name
Ilex crenata 'Compacta'

Common Name
Compact Japanese Holly

Spacing
3'

Height
5 – 6'

Light Requirements
Sun – Light Shade

Uses: Buffers, Hedges, Screens, Borders, Parking Lots, Foundations
Very hardy/Tolerates pruning and drought/Good filler plant

Shrub/Evergreen

Quick Look

Scientific Name
Ilex crenata 'Helleri'

Common Name
Helleri Holly

Spacing
3'

Height
2– 3'

Light Requirements
Sun – Part Shade

Uses: Borders, Parking Lots, Foundations
Very hardy/Slow grower/Dense compact mound/Good filler plant

Shrub/Evergreen

Quick Look

Scientific Name
Ilex vomitoria 'nana'

Common Name
Dwarf Yaupon Holly

Spacing
3'

Height
3-5'

Light Requirements
Sun – Part Shade

- Native

Uses: Parking Lots, Patios, Courtyards, Foundations, Walkways, Rain Gardens
Very adaptable/Tolerates drought, inundation, pruning and salt spray/Rounded, dense mound with brittle branches

Shrub/Evergreen

Quick Look

Scientific Name
Juniperus horizontalis
Common Name
Creeping Juniper
Growth Rate
Slow - Moderate
Height
Varies 1 – 5’
Width
Varies 2 – 15’
Light Requirements
Sun

Uses: Borders, Parking Lots, Dry Areas, Slopes
Size, spacing and hue of color determined by cultivar/Tolerant of drought, air pollution and urban conditions/Very tough plant

Shrub/Evergreen

Quick Look

Scientific Name
Leucothoe fontanesiana

Common Name
Dog-hobble, Fetterbush

Spacing
3’

Height
2 – 4’

Light Requirements
Sun – Light Shade

- Native

Uses: Borders, Foundations
Prone to leaf spot; must have ample sun to discourage/Does not tolerate drought/White flowers in spring/After flowering rejuvenate by cutting to ground

Shrub/Evergreen

Photos Coming

Quick Look

Scientific Name
Prunus laurocerasus 'Otto Luyken'

Common Name
Otto Luyken Laurel

Spacing
3'

Height
2 – 4'

Light Requirements
Sun – Light Shade

Uses: Borders, Foundations, Massing
Plant is poisonous/Tolerates salt spray and pruning/Best in shade

Shrub/Evergreen

Quick Look

Scientific Name
Rhaphiolepis umbellata

Common Name
Indian Hawthorn

Spacing
4’

Height
4 – 6’

Light Requirements
Sun – Light Shade

Uses: Borders, Parking Lots, Foundations
Tolerates drought, heat and salt spray/White Flowers in spring/Prune after flowering

Shrub/Evergreen

Photos Coming

Quick Look

Scientific Name
Rhododendron carolinianum

Common Name
Carolina Rhododendron

Spacing
3’

Height
3 - 6’

Light Requirements
Light Sun - Shade

- Native

Uses: Borders, Foundations, Residential, Massing
Slow growing/Protect from afternoon sun and wind/White to pink to rose showy flowers/Plant is poisonous

Shrub/Evergreen

Quick Look

Scientific Name
Rosa ‘Radrazz’
Common Name
Knock Out Rose
Spacing
3’
Height
3 – 4’
Light Requirements
Sun

Uses: Specimen, Borders, Parking Lots, Patios, Courtyards, Foundations, Residential, Commercial
Very low maintenance/Tolerates drought/Good disease and pest resistance/Prolific bloomers/Cut back in late winter by two thirds/Comes in other colors and smaller sizes

Shrub/Evergreen

Palms

Quick Look

Scientific Name
Butia capitata
Common Name
Pindo Palm
Height
20’
Light Requirements
Sun

Uses: Wide Medians, Specimen, Groupings, Containers
Slow growing/Tolerates drought/Requires good drainage/Produces fruit that makes a good jelly

Palm

Quick Look

Scientific Name
Cycas revoluta
Common Name
Sago Palm
Spacing
6’
Height
10’
Light Requirements
Sun - Part Shade

Uses: Specimen, Container, Foundations, Residential, Commercial
Extremely slow growing/Tolerates drought/Needs protected site to prevent frost damage/Requires good drainage (Usually referred to as a palm, but is more closely related to pine trees)

Palm

Quick Look

Scientific Name
Rhapidophyllum hystrix
Common Name
Needle Palm
Height
3 - 7’
Light Requirements
Sun

- Native

Uses: Specimen, Accent
Hardy/Drought tolerant/Slow grower/Tolerates light shade/DO NOT plant close to spaces people will be, plant develops sharp “needles” between the leaves

Palm

Quick Look

Scientific Name
Sabal minor
Common Name
Dwarf Sabal
Height
3 - 5’
Light Requirements
Part Shade

- Native

Uses: Specimen, Accent, Container
Water loving palm/Tolerates cold and snow/Tolerates full sun but will not look its best

Palm

Quick Look

Scientific Name
Sabal palmetto
Common Name
Cabbage Palm
Height
30’
Light Requirements
Sun

- Native

Uses: Streets, Medians, Specimen, Parking Lots, Foundations, Groupings, Residential, Commercial
Slow growing/Tolerates drought and inundation/Fruit from female plants can be messy/State tree of South Carolina

Palm

Quick Look

Scientific Name
Serenoa repens
Common Name
Saw Palmetto
Height
2 – 8’
Light Requirements
Sun – Part Shade

- Native

Uses: Medians, Under Trees, Wide Borders
Tolerates drought, salt and running fire/Thrives in sandy soils/Flowers and fruit inconspicuous/Fruit unpleasant smelling/DO NOT plant near places people will be as this plant can easily cut bare skin

Palm

Quick Look

Scientific Name
Trachycarpus fortunei

Common Name
Windmill Palm

Height
15 – 35’

Light Requirements
Sun

Uses: Specimen, Accent, Container
Well drained soil/Wooly trunk/Tolerates mild drought

Palm

Grasses

Photos Coming

Quick Look

Scientific Name
Andropogon ternarius
Common Names
Broomstraw
Bunchgrass
Height
3’
Spread
1’-2’
Light Requirements
Sun – Part Shade

- Native

Uses: Accent, Winter Interest, Naturalized Areas, Massing
Perennial/Soil with good drainage and low fertility/Low maintenance/Fluffy white seed heads – late summer through fall/High flammability

Grass

Photos Coming

Quick Look

Scientific Name
Calamagrostis x acutiflora
Common Name
Feather Reed Grass
Height
3-5’
Spread
1.5-2.5’
Light Requirements
Sun – Light Shade

Uses: Foundation, Accent, Winter Interest, Rain Gardens, Massing
Clumping/Tolerates air pollution and drought once established/Low maintenance/Likes medium to wet soils/Afternoon shade/Some cultivars will not reach the height requirement of 3’

Grass

Photos Coming

Quick Look

Scientific Name
Calamagrostis brachytricha

Common Name
Korean Feather Reed Grass

Height
3-4’

Spread
2-3’

Light Requirements
Light Shade

Uses: Foundation, Accent, Winter Interest, Massing
Clumping/Tolerates heat better than Calamagrostis x acutiflora/Tolerates air pollution/Low maintenance/Likes medium to wet soils and does well in clay soils

Grass

Photos Coming

Quick Look

Scientific Name
Muhlenbergia capillaris
Common Name
Pink Muhly Grass
Height
3-4’
Spread
2-3’
Light Requirements
Sun

- Native

Uses: Medians, Parking Lots, Foundations, Groupings, Winter Interest, Residential, Commercial
Clumping/Tolerates dry to moist soil/Low maintenance/Pink Showy flowers in fall

Grass

Photos Coming

Quick Look

Scientific Name
Panicum virgatum
Common Name
Switchgrass
Height
3-4', 6' when flowering
Spread
2-3'
Light Requirements
Sun – Part Shade

- Native

Uses: Accent, Naturalized Areas, Winter Interest, Rain Gardens, Massing
Clumping/Dry to moist soil, but prefers moist/Low maintenance/Showy pink-tinged flowers summer through fall/Tolerates air pollution and light flooding/Common cultivars include 'Heavy Metal', 'Rotstrahlbusch', 'Cloud Nine', & 'Shenandoah'

Grass

Photos Coming

Quick Look

Scientific Name
Sorghastrum nutans
Common Name
Indian Grass
Height
3-5’
Spread
1-2’’
Light Requirements
Sun

- Native

Uses: Accent, Naturalized Areas, Winter Interest, Massing
Clumping/Upright form/Dry to medium moisture/Tolerates wide variety of soils/Low maintenance/Feathery panicle flowers in late summer

Grass

Photos Coming

Quick Look

Scientific Name
Uniola paniculata
Common Name
Sea Oats
Height
4-6’
Spread
Spreading
Light Requirements
Sun

- Native

Uses: Accent, Beach Communities, Dune Stabilization, Massing Clusters/Upright form/Tolerates harsh conditions and salt spray/Needs well drained sandy soil/Low maintenance/Do not fertilize/

Grass

Native Plants List – This list does not include every plant that may successful live and flourish in this area, it does provide a selection of acceptable native plant material for use within the county.

Canopy Trees/Deciduous

Scientific Name	Common Name	Page	Notes
Acer rubrum	Red Maple	2	
Acer saccharum	Sugar Maple	3	(‘Legacy's the only one recommended)
Betula nigra	River Birch	4	
Carya cordiformis	Bitternut Hickory	5	
Carya glabra	Pignut Hickory	6	
Carya illinoinensis	Pecan	7	
Catalpa bignonioides	Southern Catalpa	8	
Celtis laevigata	Sugar Hackberry	9	
Celtis occidentalis	Common Hackberry	10	
Cladrastis kentukea	Yellowwood	11	
Diospyros virginiana	Persimmon	12	
Fagus grandifolia	American Beech	13	
Fraxinus americana	White Ash	14	
Fraxinus pennsylvanica	Green Ash	15	
Gleditsia triacanthos	Thornless Honeylocust	17	(variety inermis)
Gymnocladus dioicus	Kentucky Coffee Tree	18	
Liquidambar styraciflua	Sweetgum	19	
Liriodendron tulipifera	Tuliptree	20	
Magnolia acuminata	Cucumber Tree	21	
Magnolia macrophylla	Bigleaf Magnolia	22	
Nyssa sylvatica	Black Gum	24	(Black Tupelo)
Platanus occidentalis	American Sycamore	26	
Prunus serotina	Black Cherry	28	
Quercus alba	White Oak	31	
Quercus coccinea	Scarlett Oak	32	
Quercus falcata	Southern Red Oak	33	
Quercus lyrata	Overcup Oak	34	
Quercus nigra	Water Oak	36	

Native Plants List – cont.

Native Plants List

Canopy Trees/Deciduous cont.

Scientific Name	Common Name	Page	Notes
Quercus phellos	Willow Oak	39	
Quercus rubra	Northern Red Oak	42	
Quercus shumardii	Shumard Oak	43	
Quercus stellata	Post Oak	44	
Taxodium distichum	Bald Cypress	46	
Tillia americana var. caroliniana	Carolina Basswood	47	
Canopy Trees /Evergreen			
Juniperus virginiana	Eastern Red Cedar	57	
Magnolia grandiflora	Southern Magnolia	58	
Pinus elliottii	Slash Pine	60	
Pinus palustris	Longleaf Pine	61	
Pinus taeda	Loblolly Pine	62	
Quercus laurifolia	Laurel Oak	63	
Quercus virginiana	Live Oak	64	
Sabal palmetto	Cabbage Palm	189	
Understory Trees /Deciduous			
Acer barbatum	Southern Sugar Maple	66	
Aesculus pavia	Red Buckeye	71	
Amelanchier arborea	Downy Serviceberry	72	
Asimina triloba	Paw Paw	73	
Carpinus caroliniana	American Hornbeam	74	
Cercis canadensis	Eastern Redbud	75	
Chionanthus virginicus	White Fringetree	78	
Cornus florida	Flowering Dogwood	79	
Crataegus phaenopyrum	Washington Hawthorn	82	
Crataegus viridis ‘Winter King’	Winter King Hawthorn	83	
Halesia carolina	Carolina Silverbell	85	
Hamamelis virginiana	Witch-hazel	86	
Magnolia tripetala	Umbrella Magnolia	92	
Morus rubra	Red Mulberry	94	
Ostrya virginiana	American Hop-hornbeam	95	

Native Plants List – cont.

Native Plants List

Understory Trees/Deciduous

Scientific Name	Common Name	Page	Notes
Oxydendrum arboreum	Sourwood	96	
Prunus americana	American Plum	98	
Sassafras albidum	Common Sassafras	105	
Viburnum rufidulum	Southern Blackhaw	106	

Understory Trees/Evergreen

Gordonia lasianthus	Gordonia	110	
Ilex cassine	Dahoon Holly	112	
Ilex opaca	American Holly	116	
Ilex vomitoria	Yaupon Holly	117	
Magnolia virginiana	Sweetbay Magnolia	119	
Myrica cerifera	Wax Myrtle	120	
Osmanthus americana	Devilwood	121	
Prunus caroliniana	Cherry Laurel	122	
Viburnum obovatum	Walters Viburnum	125	

Shrubs – 6’ & Up (D = deciduous/E = evergreen)

Scientific Name	Common Name	Page	Notes
Aesculus parviflora	Bottlebrush Buckeye	127	D
Alnus serrulata	Tag Alder	128	D
Aronia arbutifolia	Red Chokeberry	129	D
Baccharis halimifolia	Grousel-bush	130	D/E (semi-evergreen)
Calycanthus floridus	Sweetshrub	131	D
Cephalanthus occidentalis	Buttonbush	132	D
Clethra alnifolia	Sweet Pepperbush	134	D
Cornus amomum	Silky Dogwood	135	D
Corylus americana	American Filbert	136	D
Fothergilla major	Large Fothergilla	139	D
Ilex decidua	Possumhaw	142	D
Iles glabra	Inkberry Holly	183	E
Ilex verticillata	Common Winterberry	143	D
Illicium floridanum	Florida Anise	184	E
Kalmia latifolia	Mountain Laurel	186	E

Native Plants List – cont.

Native Plants List
Shrubs/6' & Up (D = Deciduous, E = Evergreen)

Scientific Name	Common Name	Page	Notes
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Recommended as Street Trees

Acer buergerianum 'ABMTF'	Aeryn Trident Maple
Acer campestre	Hedge Maple
Acer rubrum 'Brandywine'	Brandywine Maple
Betula nigra	River Birch
Carpinus caroliniana	American Hornbeam
Cercis canadensis	Eastern Redbud
Gleditsia triacanthos variety inermis	Thornless Honeylocust
Halesia tetraptera	Carolina Silverbell
Ilex opaca	American Holly
Koelreuteria paniculata	Golden Rain Tree
Lagerstroemia indica	Crape Myrtle
Platanus x acerifolia	London Planetree
Quercus acutissima	Sawtooth Oak
Quercus coccinea	Scarlett Oak
Quercus falcata	Southern Red Oak
Quercus laurifolia	Laurel Oak
Quercus lyrata 'QLFTB Highbeam'	Highbeam Overcup Oak
Quercus palustris	Pin Oak
Quercus phellos	Willow Oak
Quercus prinus	Chestnut Oak
Quercus shumardii	Shumard Oak
Quercus phellos 'QPSTA'	Hightower Willow Oak
Quercus virginiana 'QVTIA'	_Highrise Live Oak
Sabal palmetto	Cabbage Palm
Taxodium distichum	Bald Cypress
Ulmus parvifolia	Chinese Lacebark Elm
Ulmus parvifolia 'Emer I'	Athena Elm
Ulmus parvifolia 'Emer II'	Allee Elm
Zelkova serrata	Japanese Zelkova

Recommended for Planting Near Sewer Lines

- Choose small trees.

  or

- Choose slow growing trees and replace these trees before they get too large.

Acer griseum	Paperbark Maple
Acer palmatum	Japanese Maple
Amelanchier arborea	Downy Serviceberry
Cercis canadensis	Eastern Redbud
Chionanthus virginicus	White Fringetree
Chionanthus retusus	Chinese Fringetree
Cornus florida	Flowering Dogwood
Cornus kousa	Kousa Dogwood
Cotinus coggygria	Smoketree
Crataegus viridis 'Winter King'	Winter King Hawthorn
Ginkgo biloba	Maidenhair Tree
Ilex x attenuata 'Fosteri'	Foster's Holly
Koelreuteria paniculata	Golden Rain tree
Lagerstroemia indica	Crape Myrtle
Magnolia grandiflora 'Little Gem'	Little Gem Magnolia
Magnolia x soulangiana	Saucer Magnolia
Malus spp.	Crabapple
Oxydendrum arboreum	Sourwood
Prunus caroliniana	Cherry Laurel

Recommended Trees for Under Powerlines

Note: Some of the trees listed below can also be considered a large shrub. The 5' height required at planting time must be met if used as an understory tree.	
Evergreen –Understory Trees	
Scientific Name	Common Name
Podocarpus macrophyllus 'Maki'	Shrubby Podocarpus
Callistemon citrinus	Bottlebrush
Camellia japonica	Japanese Camellia
Cleyera japonica	Japanese Cleyera
Viburnum suspensum	Sandankwa Viburnum
Viburnum tinus	Laurustinus Viburnum
Juniperus chinensis 'Blue Point'	Blue Point Juniper
Juniperus chinensis 'Hetzii Columnaris'	Green Columnar Juniper
Juniperus chinensis, 'Robusta Green'	Robusta Green Juniper
Viburnum obovatum	Walters Viburnum
Deciduous – Understory Trees	
Cercis chinensis	Chinese Redbud
Cotinus coggygria	Smoketree
Lagerstroemia indica	Crape Myrtle, Only cultivars that meet the height requirement – ex. 'Catawba', 'Lipan', 'Yuma', 'Potomac', 'Osage',
Vitex agnus-castus	Shoal Creek Chastetree

PROHIBIT TREES - These trees are unsuited climatically for the north coast of South Carolina or they are short lived trees.

Scientific Name	Common Name(s)
Abies firma	Japanese Fir, Momi Fir
Acer platanoides	Norway Maple
Acer saccharinum	Silver Maple, Soft, White or River Maple
Acer saccharum (all prohibited except Legacy)	Sugar Maple, Rock or Hard Maple
Betula verrucosa	European White Birch, Silver, Warty or Common
Carpinus betulus	European Hornbeam, Common Hornbeam
Ginkgo biloba (female)	Maidenhair Tree, Ginkgo
Hamamelis mollis	Chinese Witch Hazel
Laburnum anagyroides	Golden Chain Tree, Common Laburnum
Picea abies	Norway Spruce
Picea orientalis	Oriental Spruce
Picea pungens	Colorado Spruce
Pinus strobus	White Pine, Eastern White Pine
Sophora japonica	Japanese Pagodatree, Scholar-tree
Sorbus aucuparia	Mountainash, Rowan, European Mountainash
Tsuga canadensis	Canadian Hemlock
Tsuga caroliniana	Carolina Hemlock
Ulmus americana	American Elm, White, Gray, Water or Swamp Elm

PROHIBIT TREES - These trees are invasive

Scientific Name	Common Name(s)
Ailanthus altissima	Tree-of-Heaven, Ailanthus, Chinese Sumac, Stinking Sumac, Paradise-tree, Copal-tree
Albizia julibrissin	Silktree, Mimosa, Silky Acacia, Japanese Mimosa
Broussonetia papyrifera	Paper Mulberry
Cinnamomum camphora	Camphortree, Camphor Laurel, Shiu Leaf, Gum Camphor, Laurel Camphor
Elaeagnus angustifolia	Russian Olive, Oleaster
Firmiana simplex	Chinese Parasoltree, Phoenix Tree, Varnish-tree
Frangula alnus	Glossy Buckthorn
Melia azedarach	Chinaberrytree, Persian Lilac, Pride-of-India
Paulownia tomentosa	Princesstree, Paulownia, Royal Empresstree, Royal Paulownia
Poncirus trifoliata	Trifoliate Orange, Hardy Orange,
Populus alba	White Poplar
Pyrus calleryana	Bradford Pear, Callery Pear
Schinus terebinthifolius	Brazilian Peppertree
Triadica sebifera	Tallowtree, Popcorntree, Chinese Tallowtree
Vernicia fordii	Tungoil Tree, Chinese Wood-oil Tree

PROHIBIT SHRUBS - These shrubs are invasive

Scientific Name	Common Name(s)
Ardisia crenata	Hen's Eyes, Coral Ardisia
Berberis thunbergii	Japanese Barberry
Buddleja davidii	Butterfly Bush
Cytisus scoparius	Scotch Broom
Elaeagnus pungens	Silverthorn, Thorny Olive
Elaeagnus umbellata	Autumn Olive
Euonymus alatus	Winged Burning Bush
Hibicus syriacus	Rose of Sharon
Lespedeza bicolor	Shrubby Lespedeza
Lespedeza thunbergii	Thunberg's Lespedeza
Ligustrum japonicum	Japanese Privet
Ligustrum lucidum	Glossy Privet
Ligustrum sinense	Chinese Privet
Ligustrum obtusifolium	Border Privet
Ligustrum ovalifolium	California Privet
Ligustrum vulgare	European Privet
Lonicera fragrantissima	Sweet-Breath-of-Spring, Winter Honeysuckle, Fragrant Honeysuckle, January Jasmine

Cont.

PROHIBIT SHRUBS - These shrubs are invasive

Cont.

Scientific Name	Common Name(s)
Lonicera maackii	Amur Honeysuckle
Lonicera morrowii	Morrow's Honeysuckle
Lonicera tatarica	Tatarian Honeysuckle
Lonicera x bella	Bell's Honeysuckle
Mahonia bealei	Leatherleaf Mahonia
Nandina domestica	Nandina, Heavenly Bamboo, Sacred Bamboo
Poncirus trifoliata	Trifoliate Orange
Polygonum cuspidatum, Fallopia japonica, Reynoutria japonica	Japanese Knotweed, Fleeceflower, Mexican Bamboo
Rosa bracteata	Macartney Rose
Rosa multiflora	Multiflora Rose
Rosa laevigata	Cherokee Rose
Spiraea japonica	Japanese Spiraea, Japanese Meadowsweet, Maybush
Solanum viarum	Tropical Soda Apple

PROHIBIT GRASSES - These grasses are invasive

Scientific Name	Common Name(s)
Arundo donax	Giant Reed
Bambusa spp., Phyllostachys spp.	Bamboo
Cortaderia selloana	Pampas Grass
Eragrostis curvula	Weeping Lovegrass, African Lovegrass
Imperata cylindrica, Imperata cylindrica var. major	Cogongrass, Japgrass, Speargrass, Japaese Blood Grass
Microstegium vimineum	Nepalese Browntop, Japanese Stiltgrass, Mary's Grass
Miscanthus sinensis	Chinese Silvergrass
Panicum repens	Torpedograss
Paspalum dilatatum	Dallisgrass
Paspalum notatum	Bahiagrass
Paspalum urvillei	Vaseygrass
Phragmites australis	Phragmites
Phyllostachys aurea	Golden Bamboo
Rottboellia cochinchinensis	Itchgrass
Schedonorus phoenix, Festuca arundinacea, Lolium arundinacea	Tall Fescue, Meadow Fescue, Kentucky 31 Fescue
Sorghum halepense	Johnsongrass

Prohibited Vines – these vines are invasive

Scientific Name	Common Name(s)
Akebia quinata	Five-Leaf Akebia, Chocolate Vine
Ampelopsis brevipedunculata	Amur Peppervine, Porcelain Berry
Celastrus orbiculatus	Oriental Bittersweet
Clematis terniflora	Sweet Autumn Virginsbower
Dioscorea bulbifera Dioscorea oppositifolia Dioscorea alta	Climbing Yams
Euonymus fortunei	Winter Creeper
Hedera helix L.	English Ivy
Hedera hibernica	Atlantic Ivy
Hedera colchica	Colchis Ivy/Persian Ivy
Lonicera japonica	Japanese Honeysuckle
Lygodium japonicum	Japanese Climbing Fern
Pueraria montana	Kudzu
Vinca Major	Bigleaf Periwinkle
Vinca Minor	Common Periwinkle
Wisteria sinensis	Chinese Wisteria
Wisteria floribunda	Japanese Wisteria

Additional Prohibited Plants -

Scientific Name	Common Name(s)
Alternanthera philoxeroides, Achyranthes philoxeroides	Alligatorweed, Alligator Weed
Alliaria petiolata	Garlic Mustard
Cactaceae spp., Opuntia spp.	Cactus
Carduus nutans spp.	Nodding Plumeless Thistle
Centaurea stoebe	Bull Thistle
Cirsium vulgare	Spotted Knotweed
Crotalaria spectabilis	Showy Rattlebox
Daucus carota	Queens Ann's Lace
Lespedeza cuneata	Sericea
Lirope muscari Lirope spicata	Big Blue Lilyturf Creeping Lirope
Lygodium japonicum	Japanese Climbing Fern
Murdannia keisak	Wart Removing Herb
Securigera varia	Crownvetch
Sesbania punicea	Rattlebox
Yucca aloifolia	Spanish Bayonet, Dagger Plant

- Any plant harmful to the touch: Poison Ivy, Poison Sumac, Poison Oak
- Vegetable, cotton, farm crops and the like
- Any other plant materials determined by the zoning administrator to be a nuisance or excessively subject to damage from insects or diseases.

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- Clemson Cooperative Extension and Clemson Forestry and Environmental Conservation, Exotic Invasive Plant Species of South Carolina: https://www.se-eppc.org/southcarolina/Publications/InvasivePlantsBooklet.pdf
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Related Links

- For more in-depth information on **Tree Selection** : http://www.clemson.edu/extension/hgic/plants/landscape/trees/
- For more in-depth information on **Shrub Selection** : http://www.clemson.edu/extension/hgic/plants/landscape/shrubs/
- For information on **Ground Covers & Vines** : http://www.clemson.edu/extension/hgic/plants/landscape/
- For information on **Landscaping Shorescapes**: http://www.clemson.edu/extension/hgic/water/resources_stormwater/shoreline_plants_in_south_carolina_waterfronts.html
- For information on **Rain Garden Plants**: http://www.clemson.edu/media-relations/archive/newsroom/articles/2009/march/rain%20_garden_manual.php5
- For more information on **Invasive Plants** : www.srs.fs.usda.gov/pubs/35292 or http://www.invasivespeciesinfo.gov/plants/main.shtml