# 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 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

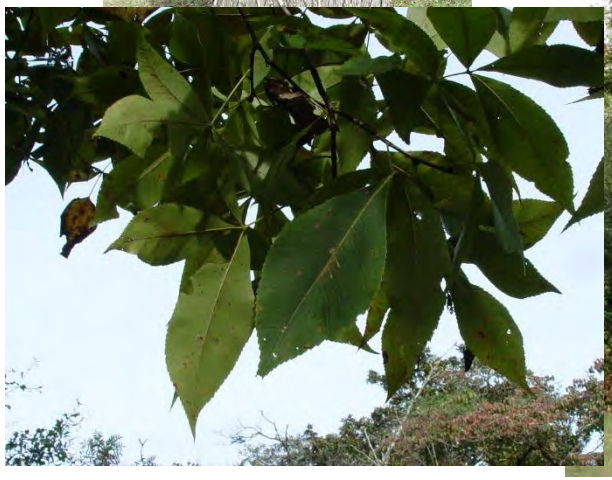
Canopy/Deciduous

## 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

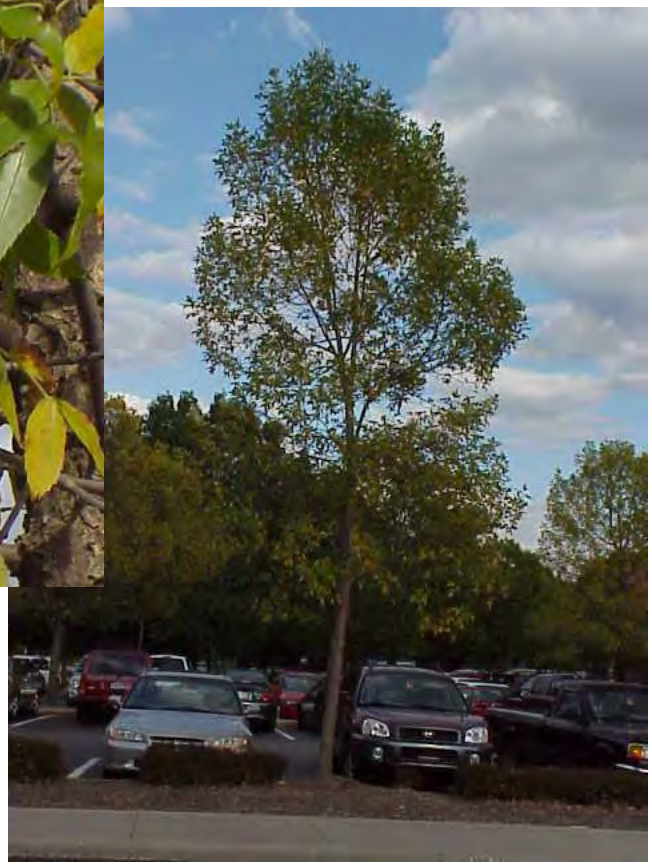
Shape

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

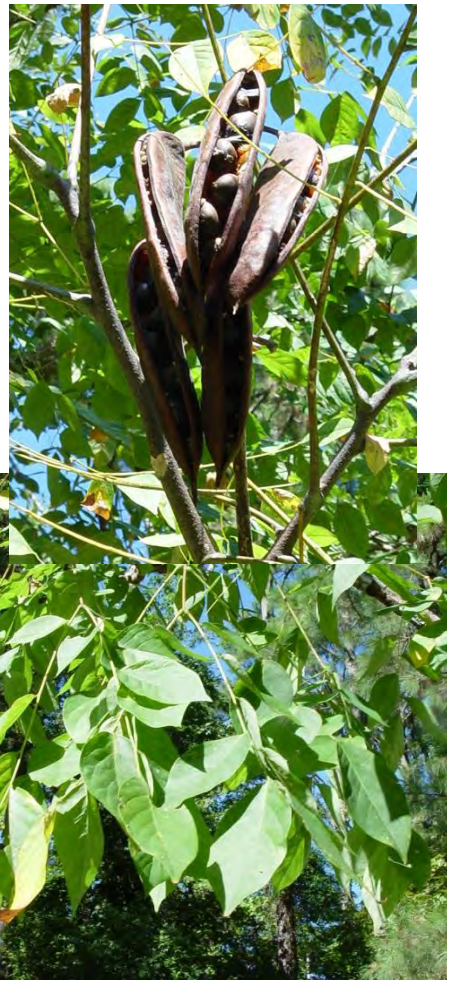
Round

- 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

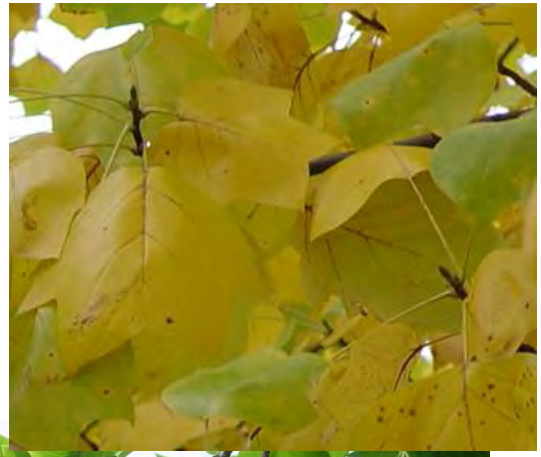
Round to Oval

- 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

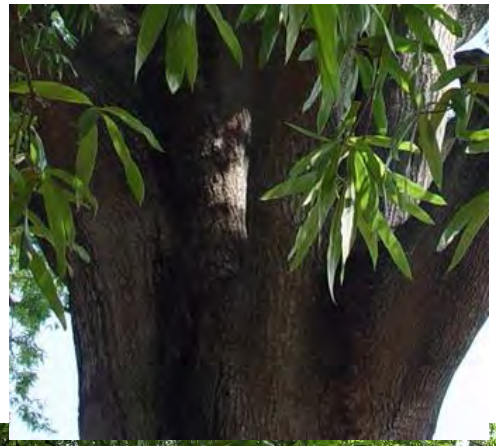
Photos Coming

## 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

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

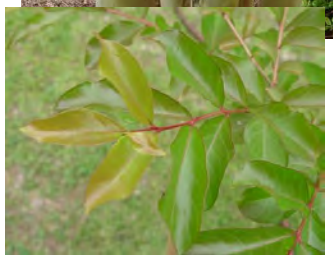
Understory /Deciduous

## 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

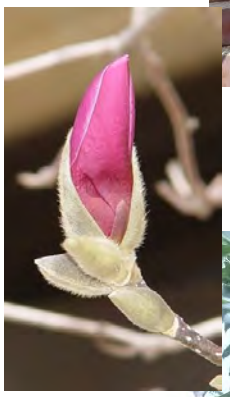
**Quick Look**

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

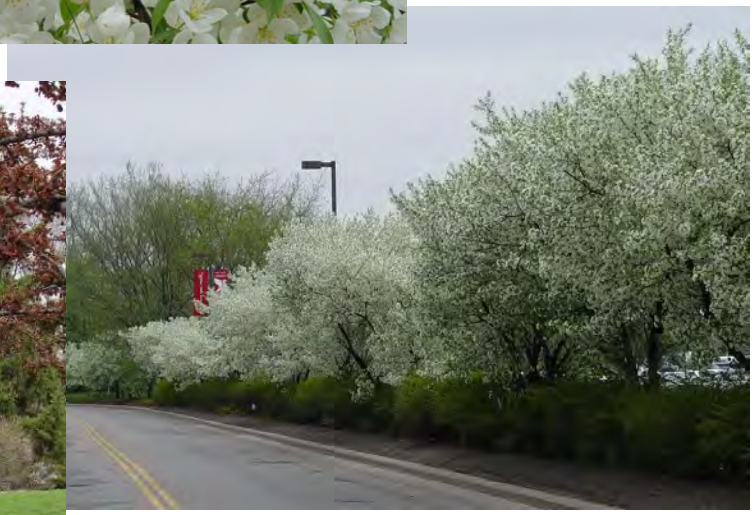
## Quick Look

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

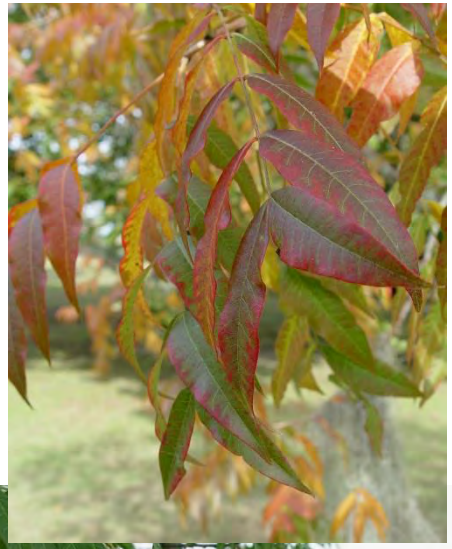
Photos Coming

**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

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
Sun

- 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
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
Hibiscus syriacus
Common Name
Rose of Sharon
Spacing
5’
Height
6 - 10’
Light Requirements
Sun – Shade

Uses: Borders, Groupings
Showy flowers in summer/Many cultivars/Vase shaped/Tolerates heat

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

Cleyera japonica ‘Variegata’

Cleyera japonica

## 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

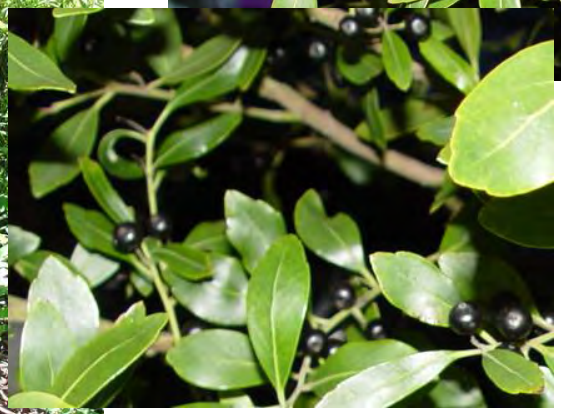
Spacing
2'

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 order 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

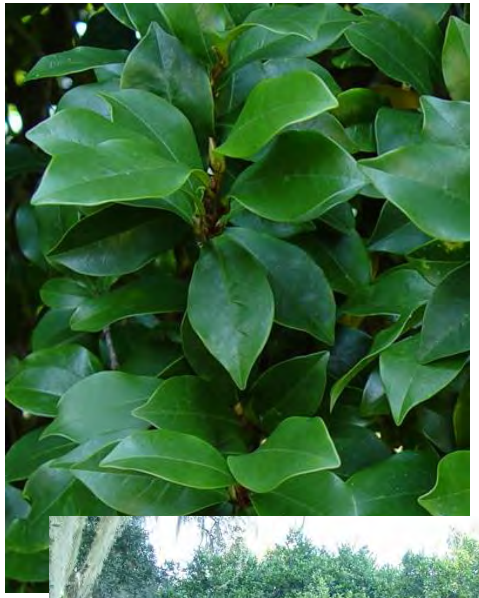
Spacing
5’

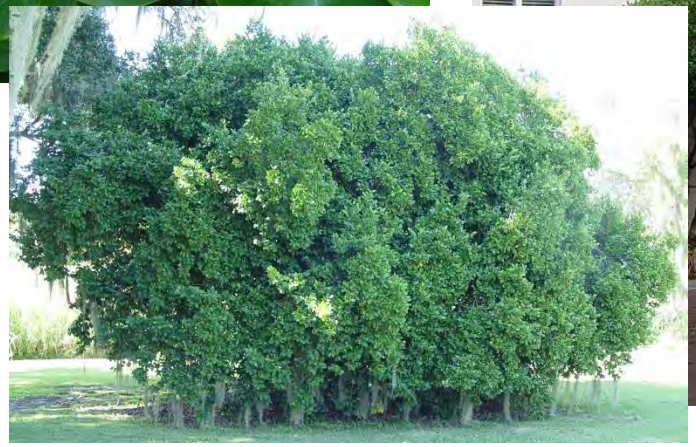
Height
10’

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

Photos Coming

## Quick Look

Scientific Name
Prunus laurocerasus

Common Name
English Laurel

Spacing
8’

Height
10 – 18’

Light Requirements
Sun - Shade

Uses: Specimen, Buffers, Hedges, Screens, Borders
Plant is poisonous/Tolerates salt spray and pruning/Best in shade

Shrub/Evergreen

## Quick Look

Scientific Name
Pyracantha koidzumii

Common Name
Formosa Pyracantha

Spacing
7’

Height
8 – 12’

Light Requirements
Sun

Uses: Specimen, Buffers, Hedges, Screens, Borders
High maintenance/Transplant from containers only/Tolerates drought and heat/
Evergreen to semi-evergreen/White flowers in spring/Showy red fruit in fall/Thorns

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

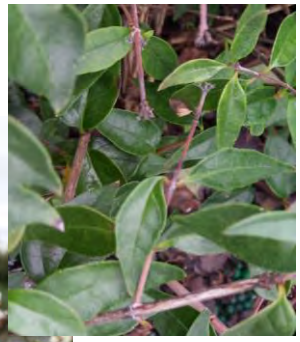
## Quick Look

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 amble 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

**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 | American Linden | 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 | Serviceberry | 72 | |
| Asimina triloba | Paw Paw | 73 | |
| Carpinus caroliniana | American Hornbeam | 74 | |
| Cercis canadensis | Eastern Redbud | 75 | |
| Chionanthus virginicus | 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 Tree | 130 | D/E_(semi-evergreen) |
| Calycanthus floridus | Sweetshrub | 131 | D |
| Cephalanthus occidentalis | Button Bush | 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 |
|---|---|---|---|
| Leucothoe populifolia | Florida Leucothoe | 188 | E |
| Myrica cerifera | Wax Myrtle | 191 | E |
| Philadelphus inodorus | Mock Orange | 144 | D |
| Rhododendron austrinum | Florida Azalea | 145 | D |
| Rhododendron canescens | Hoary Azalea | 146 | D |
| Rhododendron flammeum | Oconee Azalea | 147 | D |
| Rhododendron periclymenoides | Pinxter Azalea | 148 | D |
| Rhus glabra | Smooth Sumac | 149 | D |
| Sambucus canadensis | American Elderberry | 203 | E |
| Viburnum dentatum | Arrowwood | 153 | D |
| Viburnum nudum | Smooth Witherod | 154 | D |
| Viburnum prunifolium | Blackhaw Viburnum | 155 | D |
| **Shrubs/Up to 6'** | | | |
| Aronia melanocarpa | Black Chokeberry | 158 | D |
| Callicarpa americana | American Beautyberry | 159 | D |
| Ceanothus americanus | New Jersey Tea | 160 | D |
| Euonymus americanus | Hearts-a-burstin | 162 | D |
| Hydrangea arborescens | Smooth hydrangea | 163 | D |
| Hydrangea quercifolia | Oakleaf Hydrangea | 165 | D |
| Hypericum frondosum | Golden St. John's Wort | 215 | E |
| Ilex vomitoria | Yaupon Holly | 220 | E |
| Itea virginica | Virginia Sweetspire | 166 | D |
| Leucothoe axillaries | Dog-Hobble | 222 | E |
| Rhododendron carolinianum | Carolina Rhododendron | 225 | E |
| Rhus aromatica | Fragrant Sumac | 168 | D |
| Rosa carolina | Carolina Rose | 169 | D |
| Rosa palustris | Swamp Rose | 170 | D |
| Symphoricarpos orbiculatus | Coralberry | 171 | D |
| Viburnum acerifolium | Maple-leaf Viburnum | 172 | D |
| Viburnum cassinoides | Witherod Viburnum | 173 | D |
| **Palms** | | | |
| Rhapidophyllum hystrix | Needle Palm | 230 | |
| Sabal minor | Dwarf Sabal | 231 | |
| Sabal palmetto | Cabbage Palm | 232 | |
| Serenoa repens | Saw Palmetto | 233 | |

## 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 |

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 to Southern Forests

| 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 |
| Melia azedarach | Chinaberrytree, Persian Lilac, Pride-of-India |
| Morus alba | White Mulberry, Common Mulberry |
| Paulownia tomentosa | Princesstree, Paulownia, Royal Empresstree, Royal Paulownia |
| Poncirus trifoliata | Trifoliate Orange, Hardy Orange, |
| 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 to Southern Forests

| Scientific Name | Common Name(s) |
|---|---|
| Berberis thunbergii | Japanese Barberry |
| Elaeagnus pungens | Silverthorn, Thorny Olive |
| Elaeagnus umbellata | Autumn Olive |
| Euonymus alatus | Winged Burning Bush |
| Lespedeza bicolor | Shrubby Nonnative Lespedezas |
| 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 x bella | Bell's Honeysuckle |
| Lonicera fragrantissima | Sweet-Breath-of-Spring, Winter Honeysuckle, Fragrant Honeysuckle, January Jasmine |
| Lonicera maackii | Amur Honeysuckle |

Cont.

# PROHIBIT SHRUBS - These shrubs are invasive to Southern Forests

Cont.

| Scientific Name | Common Name(s) |
|---|---|
| Lonicera morrowii | Morrow's Honeysuckle |
| Lonicera tatarica | Tatarian Honeysuckle |
| Mahonia bealei | Leatherleaf Mahonia |
| Nandina domestica | Nandina, Heavenly Bamboo, Sacred Bamboo |
| Spiraea japonica | Japanese Spiraea, Japanese Meadowsweet |
| Polygonum cuspidatum | Japanese Knotweed, Fleeceflower, Mexican Bamboo |
| Rosa bracteata | Macartney Rose |
| Rosa laevigata | Cherokee Rose |
| Rosa multiflora | Multiflora Rose |
| Pyrus calleryana | Bradford Pear, Callery Pear |
| Spiraea japonica | Japanese Spiraea, Japanese Meadowsweet, Maybush |
| Solanum viarum | Tropical Soda Apple |

# Additional Prohibited Plants -

| Scientific Name | Common Name(s) |
|---|---|
| Akebia quinata | Five-Leaf Akebia, Chocolate Vine |
| Ampelopsis brevipedunculata | Amur Peppervine, Porcelain Berry |
| Arundo donax | Giant Reed |
| Cactaceae spp., Opuntia spp. | Cactus |
| Eragrostis curvula | Weeping Lovegrass |
| Ipomoea pes-caprae | Railroad Vine |
| Lonicera japonica | Japanese Honeysuckle |
| Imperata cylindrica | Cogongrass |
| Phyllostachys aurea | Bamboos |
| Pueraria montana var. lobata | Kudzu |
| Yucca aloifolia | Spanish  Bayonet, Dagger Plant |
| Wisteria sinensis | Chinese Wisteria |
| Wisteria floribunda | Japanese Wisteria |

- 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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# 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/
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- 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