- Shrubs -
Description: Deciduous shrub; Native; leaves opposite, simple, smooth margined, oblong; flowers axillary, with many brown-maroon, strap-like petals, aromatic; brown seeds enclosed in an elongated, fibrous sac. Sometimes called “Sweet Bubba” or “Sweet Bubby”.

Height: 6-9 ft.
Width: 6-12 ft.
Exposure: Sun to partial shade; range of soil types
Comment: Evergreen. Drought tolerant
Height: 6-10 ft.
Width: 5-7 ft.
Flower: 2-3 in. single or double white, pink or red flowers in fall
Site: Sun to partial shade; prefers acidic, moist, well-drained soil high in organic matter
Description: Evergreen shrub or small tree; Native; leaves alternate, simple, elliptical, shallowly toothed; flowers axillary, small, white; fruit a red or rarely yellow berry
Height: 15-20 ft. (if allowed to grow without heavy pruning)
Width: 10-20 ft.
Site: Sun to partial shade; tolerates a range of soil types (dry, moist)
Description: Evergreen; It has a loose, slightly open habit and a roughly rounded to vase-shaped form with a medium-fine texture.

Height: 10-15 ft.
Width: 10-15 ft.

Site: Preferred growing conditions include sun to partial shade (especially afternoon shade) and moist, well-drained, acidic soil with plenty of organic matter.
Comment: Evergreen; Salt spray tolerant; often sold as Cleyera japonica; can be severely pruned. Form is upright oval to rounded; densely branched.

Height: 8-10 ft.
Width: 5-6 ft.

Site: Sun to partial shade; prefers moist, well-drained soil; may winter burn in full sun; does not tolerate poorly drained soils
Description: Deciduous to semi-evergreen; Vase-shaped; rounded, dense shrub
Height: 6-15 ft.
Width: 10-12 ft.
Site: Sun to partial shade; moist, acidic, well-drained soil
- Small Trees -
Comment: Deciduous; Native; fruit attracts birds; smooth, gray bark, produces the largest fruit of any serviceberry.

**Height:** 10-25 ft.

**Width:** 10-15 ft.

**Site:** Sun to partial shade; prefers moist soil but will tolerate a range of soil types (dry, clay, sand, wet)
Forest Pansy Redbud - Cercis canadensis

Comment: Deciduous; Native to NC and possesses characteristically cordate green leaves that turn yellow to yellowish-orange in the fall.

Height: 20-30 ft.
Width: 25.35 ft.
Site: Sun to partial shade; prefers moist, well-drained soil but will tolerate a range of soil types.
Native Dogwood - Cornus florida

Comment: Deciduous; Berries attract birds and squirrels; shallow root system; maroon to red fall foliage; shallow root system; native; mulch to maintain moist soil; subject to anthracnose disease if grown in western NC with high humidity, poor air circulation, and heavy shade

Height: 15-30 ft.
Width: 15-20 ft.
Site: best form and flowers in light shade
Comment: Deciduous; Young leaves are sensitive to frost; not drought tolerant; most cultivars are grafted; can be grown as single or multistemmed small tree; may suffer leaf scorch with excess sun, wind, or drought.

**Height:** 15-25 ft.

**Width:** 10-25 ft.

**Site:** Light, dappled shade; evenly moist, well-drained soil; protect from drying winds
Comment: Deciduous; Smooth to exfoliating bark; best to prune off seed pods to promote reblooming
Height: 15-30 ft.
Width: 6-15 ft.
Site: Sun; moist, well drained soil
Comment: Deciduous; Earliest of the deciduous magnolias to flower; frost sensitive; plant in protected site; tolerates heat.

Height: 10-20 ft.
Width: 10-15 ft.
Site: Sun; range of soil types (clay, sand)
Comment: Deciduous; Native; Lightly striped cinnamon colored bark; fertilize sparingly; slow grower; glossy green leaves; transplant only young plants in late winter or early spring.

Height: 10-15 ft.
Width: 10-15 ft.
Site: Partial shade; well drained soil; dislikes wet feet
- Medium Trees -
River Birch - *Betula nigra*

Comment: Deciduous; Multi-trunk is desired; native; graceful branching; easy to transplant; best not to prune in spring- sap “bleeds”; heat tolerant; cinnamon brown, exfoliating bark; may drop some leaves during dry weather; seeds attract birds

**Height:** 40-70 ft.

**Width:** 40-60 ft.

**Site:** Sun to partial shade; moist, well-drained soil; will tolerate damp soil
Comment: Deciduous; 2-4 in. white tapered bracts; flowers appear after leaves; blooms about 2-3 weeks.

Height: 20-30 ft.

Width: 15-20 ft.

Site: Sun to partial shade; well-drained soil
**Little Gem Magnolia - Magnolia grandiflora 'Little Gem'**

Comment: Evergreen; Dwarf cultivar of Southern magnolia; Should not be planted directly under powerlines.

**Height:** 15-20 ft.

**Width:** 8-10 ft.

**Site:** Full Sun
Sweetbay Magnolia - Magnolia virginiana

Comment: Evergreen to semi-evergreen; Underside of leaf is blue-white to silvery; smooth bark; narrow, rounded crown; shallow roots; multistemmed; upright spreading habit; aromatic spicy leaves and twigs; fruit attracts birds; larval food for swallowtails.

Height: 10-60 ft.
Width: 10-20 ft.
Site: Sun to partial shade; moist to wet soil
Sourwood - Oxydendrum arboreum

Comment: Deciduous; Native; Variable fall color - brilliant to deep red; flowers used by bees and butterflies; seeds for birds.

Height: 20-30 ft.
Width: 10-15 ft.
Site: Sun to partial shade; well drained soil but does well in dry soil
- Large Trees -
Ginkgo - Ginkgo biloba

Comment: Deciduous; plant male trees, yellow leaves fall rapidly in fall; drought, heat, air pollution, and salt tolerant; easy to transplant; long-lived.

Height: 40-70 ft.
Width: 20-40 ft.
Site: Sun; range of soil types except wet soil
American Beech - Fagus grandifolia

Comment: Deciduous; Native; large tree with very dense shade; shallow roots; difficult to grow plants underneath; nuts attract birds and squirrels.

Height: 50-80 ft.

Width: 40-60 ft.

Site: Sun to partial shade; moist, well drained soil
Comment: Deciduous; Naturally occurs in low wet sites; some air pollution tolerance; one of the first trees to show fall color; wide variation due to seedlings; easy to transplant.

**Height:** 40-60 ft.

**Width:** 25-45 ft.

**Site:** Sun to shade; range of soil types
Sugar Maple - Acer saccharum

Comment: Deciduous; Does not do well in a restricted root zone situation; tolerates shade better than most maples; leaf scorch may develop with drought; moderate pollution tolerance.

**Height:** 50-75 ft.

**Width:** 30-45 ft.

**Site:** Sun to partial shade; prefers evenly moist, well-drained soil
Nuttall Oak - *Quercus nutallii*

Comment: Evergreen or deciduous trees; leaves alternate and simple, variously shaped in different species; pollen flowers in drooping, elongated clusters.

**Height:** 40-60 ft.

**Width:** 40-60 ft.

**Site:** Sun; range of soil types including wet soil
Red Oak - Quercus rubra

Comment: Evergreen or deciduous trees; leaves alternate and simple, variously shaped in different species; pollen flowers in drooping, elongated clusters.

Height: 60-75 ft.
Width: 60-75 ft.
Site: Sun; well drained soil; tolerates drought and air pollution
White Oak - Quercus alba

Comment: Deciduous or Evergreen; Native; avoid planting near paved areas; does not withstand construction damage well; difficult to transplant; drought tolerant; strong wood; acorns eaten by birds and squirrels.

Height: 60-100 ft.
Width: 50-90 ft.
Site: Sun; prefers moist, well drained soil but tolerates a range of soil types including clay
**Sweet Shrub**
- http://west57design.com/blog/?p=266
- http://qscaping.com/20000020/Plant/1667/Michael_Lindsey_Sweetshrub

**Camellia Sasanqua**
- http://upload.wikimedia.org/wikipedia/commons/thumb/1/12/Camellia_sasanqua1.jpg/647px-Camellia_sasanqua1.jpg
- http://www.discoverlife.org/IM/I_GEW/0023/640/Camellia_sasanqua,_Leslie_Ann,_Sasanqua_camel...jpg
- http://www.discoverlife.org/mp/20p?
- https://facultystaff.richmond.edu/~jhayden/landscape_plants/Early%20Fall%20Woody%20Plants/camellia_sasanqua_'yuletide'_NBG_03s.JPG
- https://www.google.com/blank.html

**Yaupon Holly**
- http://stringernursery.com/evergreen_shrubs
- http://statebystategardening.com/state.php/ga/blog_03_summary/P30/
- http://www.penick.net/digging/?p=390

**Loropetalum 'ZhuZhou'**
- http://mommy-in-motion.blogspot.com/
- http://www.onlineplantguide.com/Plant-Details/1574/

**Cleyera**
- http://commons.wikimedia.org/wiki/Category:Cleyera
- http://www.onlineplantguide.com/Plant-Details/1574/

**Chinese Snowball Viburnum**
- http://mscsucces.com/ivm/garden/msgardens/03/030.html
- http://mscsucces.com/ivm/garden/msgardens/03/030.html
- http://ivmsucces.gardening.blogspot.com/2013_02_01_archive.html
- http://plantlist.com/plant/IVH1638C/Leaves.html

**Downy Serviceberry**
- http://departments.bloomu.edu/biology/ricketts/rs_s_toothed_p2.html

**Forest Pansy Red Bud**
- http://www.nnrseries.com/gallery.html
- http://www.mildflower.org/plants/result.php?id_plant=PLA64
- http://texasstreetplanting.tamu.edu/homegardens/color/japanesemaples.html
- http://4.bp.blogspot.com/_umHvYUqPIhA/TScwmS5fI/AAAAAAAAESU/0ZL4e0ia5jQ/s1600/CORAL+BARK+JAPANESE+MAPLE3.jpg

**Native Dogwood**
- http://commons.wikimedia.org/wiki/File:Cornus_florida_001.jpg
- http://commons.wikimedia.org/wiki/File:Cornus_florida_003.jpg
- http://commons.wikimedia.org/wiki/File:Cornus_florida_003.jpg
- http://www.cas.vanderbilt.edu/bioimages/image/a/amar3-br22595.htm

**Japanese Maple**
- http://www.nnrseries.com/gallery.html
- http://www.mildflower.org/plants/result.php?id_plant=PLA64
- http://texasstreetplanting.tamu.edu/homegardens/color/japanesemaples.html
- http://4.bp.blogspot.com/_umHvYUqPIhA/TScwmS5fI/AAAAAAAAESU/0ZL4e0ia5jQ/s1600/CORAL+BARK+JAPANESE+MAPLE3.jpg

**Sioux Crape Myrtle**
- http://www.nnrseries.com/gallery.html
- http://www.mildflower.org/plants/result.php?id_plant=PLA64
- http://texasstreetplanting.tamu.edu/homegardens/color/japanesemaples.html
- http://4.bp.blogspot.com/_umHvYUqPIhA/TScwmS5fI/AAAAAAAAESU/0ZL4e0ia5jQ/s1600/CORAL+BARK+JAPANESE+MAPLE3.jpg

**Star Magnolia**
- http://www.hffinks.com/2013/03/06/holly-star-magnolia-the-empress-of-the-spring-garden/
Stewartia

River birch

Kousa dogwood

Little gem magnolia

Sweetbay magnolia

Sourwood

Gingko