

Oak – Pine - Hickory Forests

Piedmont region

* <i>Acer rubrum</i>	Red maple
* <i>Carya</i> spp.	Hickory
<i>Cornus florida</i>	Flowering dogwood
<i>Oxydendrum arboreum</i>	Sourwood
* <i>Pinus taeda</i>	Loblolly pine
<i>Pinus echinata</i>	Shortleaf pine
* <i>Quercus alba</i>	White oak
* <i>Quercus rubra</i>	Red oak

Mesophytic Forests:

Blue Ridge coves & Western Appalachians

* <i>Acer saccharum</i>	Sugar maple
<i>Aesculus flava</i>	Yellow buckeye
* <i>Castanea dentata</i>	American chestnut
<i>Fagus grandifolia</i>	American beech
* <i>Liriodendron tulipifera</i>	Tulip poplar
<i>Magnolia acuminata</i>	Cucumber magnolia
* <i>Quercus rubra</i>	Red oak
* <i>Tilia americana</i>	Basswood
<i>Tsuga canadensis</i>	Hemlock

Oak – Chestnut Forests

Blue Ridge Region

* <i>Castanea dentata</i>	American chestnut
<i>Fagus grandifolia</i>	American beech
<i>Quercus alba</i>	White oak
* <i>Quercus montana</i>	Chestnut oak
* <i>Quercus rubra</i>	Red oak

Oak – Hickory Forests

(& western Oak – Pine - Hickory)

* <i>Carya ovata</i>	Shagbark hickory
* <i>Quercus alba</i>	White oak
<i>Quercus marilandica</i>	Blackjack oak
<i>Quercus rubra</i>	Red oak
<i>Quercus stellata</i>	Post oak
<i>Quercus velutina</i>	Black oak

Beech – Maple Forests

* <i>Acer saccharum</i>	Sugar maple
* <i>Fagus grandifolia</i>	Beech
<i>Liriodendron tulipifera</i>	Tulip poplar
<i>Quercus rubra</i>	Red oak

Maple - Basswood Forests

* <i>Carya ovata</i>	Shagbark hickory
* <i>Acer saccharum</i>	Sugar maple
<i>Quercus alba</i>	White oak
<i>Quercus rubra</i>	Red oak
* <i>Tilia americana</i>	Basswood

Absences more important than new species (e.g., Tuliptree, beech, gum, magnolia, redbud, flowering dogwood).

Deciduous – Conifer transition:

Northern hardwood forests

<i>Carya ovata</i>	Shagbark hickory
* <i>Acer saccharum</i>	Sugar maple
* <i>Betula allegheniensis</i>	Yellow birch
<i>Betula papyrifera</i>	Paper birch
<i>Fagus grandifolia</i>	American beech
<i>Pinus resinosa</i>	Red pine
* <i>Pinus strobus</i>	White pine
* <i>Tsuga canadensis</i>	Eastern hemlock
* <i>Populus tremuloides & grandidentata</i>	Aspen

Hardwood bottoms & levees

- * *Quercus laurifolia* Laurel oak
- *Quercus michauxii* Swamp chestnut oak
- *Quercus lyrata* Overcup oak
- *Acer rubrum* Red maple
- *Fraxinus pennsylvanica* Green ash

Cypress-gum swamp

- * *Taxodium distichum* Bald cypress
- * *Nyssa biflora* Tupelo gum

Pocosin

- * *Pinus serotina* Pond pine
- * *Cyrilla racemiflora* Titi
- *Zenobia pulverulenta* Zenobia

Tall Pocosin & Bay Forest

- * *Persea borborea* Red bay
- * *Magnolia virginiana* Sweet bay
- *Gordonia lasianthus* Loblolly bay

White cedar forest

- * *Chamaecyparis thyoides* Atlantic white cedar

Upland vegetation

- Xeric sandhill
- Sandhill pine forest
- Pine savanna
- Pine flatwoods
- Rich deciduous forest
- Mixed evergreen deciduous forest
- Scrub

Moist pine savannas

- ***Pinus palustris** Longleaf pine
- ***Aristida stricta** Wire grass
- ***Dionaea muscipula** Venus flytrap
- ***Sarracenia spp.** Pitcher plants

Xeric sandhill scrub

- ***Quercus laevis** Turkey oak
- ***Pinus palustris** Longleaf pine

Sandhill Longleaf Pine Woodland

- ***Pinus palustris** Longleaf pine
- ***Aristida stricta** Wire grass
- *Quercus laevis* Turkey oak
- *Quercus marilandica* Blackjack oak
- *Quercus incana* Bluejack oak

Longleaf Pine Flatwoods

- ***Pinus palustris** Longleaf pine
- ***Aristida stricta** Wire grass
- ***Serenoa repens** Saw palmetto

Scrub

- ***Pinus clausa** Sand pine
- *Quercus chapmannii* Chapman oak
- *Quercus myrtifolia* Myrtle oak
- *Serenoa repens* Saw palmetto
- *Ceratiola ericoides* Rosemary

Rich deciduous forest

- ***Fagus grandifolia** Beech
- *Acer floridanum* Southern sugar maple
- *Magnolia tripetala* Umbrella tree

Mixed evergreen deciduous forest

- ***Magnolia grandiflora** Southern Magnolia
- ***Fagus grandifolia** Beech
- *Pinus glabra* Spruce pine

- Pocosin
- Bay Forest
- Baygall
- Savanna
- Flatwood
- Sandhill
- Piney woods
- Scrub
- Hammock
- Bean-dip

Dominant species

North American warm deserts

Mohave Desert

- ***Larrea tridentata** Creosote bush
- *Atriplex confertifolia* shadscale
- *Ambrosia dumosa* White bursage
- ***Yucca brevifolia** Joshua tree S

Sonoran Desert

- ***Larrea tridentata** Creosote bush
- *Ambrosia dumosa* White bursage
- ***Carnegiea gigantea** Saguaro cactus
- *Cercidium microphyllum* Paloverde
- *Fouquieria splendens* Ocotillo

Chihuahuan Desert

- ***Larrea tridentata** Creosote bush
- ***Agave lechuguilla** Lechuguilla
- *Fouquieria splendens* Ocotillo