

# Natural Communities of Coastal Plain Ecoregion

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Ecosystems are often separated into three categories: uplands are moderately to well-drained; rock outcrops, prairies and barrens are relatively open sites; and wetlands are poorly to somewhat poorly drained.

**Upland Forest communities** include the following natural communities. Characteristic plants in each community are listed in the chart below.

- **Sandhills and River Dunes:** Woodlands with xerophytic vegetation of stunted turkey oak and scattered longleaf pine with sparse ground cover or thick mats of lichens; occurring on ultra-xeric sandhill sites.
- **Dry Upland Longleaf Pine Woodlands:** Woodlands or forests of longleaf pine, turkey oak, bluejack oak, and sand post oak; occurring on nearly level to undulating terrain with a continuous species-rich ground cover dominated by wiregrass; includes sites with an increased amount of clays that support bluejack oak.
- **Mesic Upland Longleaf Pine Woodlands:** Widely spaced longleaf pine woodlands or forests with dense wiregrass and species-rich herbaceous ground cover; occurring on upland, well-drained to wet-mesic fine-textured soils; includes a fire-maintained ecotonal zone between dry uplands and hydric conditions of seepages or depressional wetlands.
- **Dry Evergreen Oak Woodlands:** Woodlands or forests dominated by broadleaf evergreen species, primarily laurel oak, live oak, and sand live oak; usually occurring as marginal strands on well-drained mid-slope positions between xeric sandhill woodlands and seepage swamps where fire has been excluded or is infrequent, on excessively drained sandy domes of one marine bars within pine flatwoods, and occasionally on deep sandy soils of river banks; includes rare occurrences of scrub oaks, myrtle oak and Chapman's oak.
- **Dry Deciduous Hardwood Forests:** Deciduous or mixed-deciduous hardwood forests, including southern red oak, post oak, white oak, water oak, laurel oak, live oak, pignut hickory, mockernut hickory, and sand hickory; occurring on sandy or loamy soils of river bluffs, upper ridges of slope forests, or on the mid- to lower slopes of sandhills between xeric ridge vegetation and seepage swamps, or embedded within longleaf pine sites where streams and other firebreaks shield them from fire.
- **Mesic Slope Forests:** Closed-canopy, diverse mixed evergreen-deciduous forests, often with American beech and southern magnolia; occurring on well-drained but mesic acidic and calcareous soils of steep slopes or bluffs, often associated with ravines and terraces along streams or seeps, as well as along upper walls of deep sinkholes.

## Upland Communities

		Sandhills & River Dunes	Dry Upland LL Pine Woodlands	Mesic Upland LL Pine Woodlands	Dry Evergreen Oak Woodland (BH)	Dry Deciduous Hardwood Forests	Mesic Slope Forests
<b>Trees</b>							
<i>Acer floridanum</i>	Southern sugar maple						x
<i>Carya cordiformis</i>	Bitternut hickory						x
<i>Carya glabra</i>	Pignut hickory					x	x
<i>Carya ovalis</i>	Red hickory						x
<i>Carya pallida</i>	Sand hickory					x	
<i>Carya tomentosa</i>	Mockernut hickory					x	x
<i>Cercis canadensis</i>	Eastern redbud						x
<i>Fagus grandifolia</i>	American beech						x
<i>Halesia diptera</i>	Common two-wing silverbell						x
<i>Ilex opaca</i>	American holly						x
<i>Liriodendron tulipifera</i>	Tulip-tree						x
<i>Magnolia grandiflora</i>	Southern magnolia						x
<i>Persea borbonia</i>	Red bay				x	x	
<i>Pinus glabra</i>	Spruce pine						x
<i>Pinus palustris</i>	Longleaf pine	x	x	x			
<i>Pinus taeda</i>	Loblolly pine						x
<i>Prunus caroliniana</i>	Carolina laurel cherry					x	
<i>Quercus alba</i>	White oak					x	x
<i>Quercus falcata</i>	Southern red oak					x	
<i>Quercus chapmanii</i>	Chapman oak				x		
<i>Quercus falcata</i>	Southern red oak			x			
<i>Quercus geminata</i>	Sand live oak		x		x	x	
<i>Quercus hemisphaerica</i>	Sand laurel oak		x	x	x	x	
<i>Quercus incana</i>	Bluejack oak	x	x			x	
<i>Quercus laevis</i>	Turkey oak	x	x				
<i>Quercus laurifolia</i>	Laurel oak						x
<i>Quercus margaretta</i>	Sand post oak	x	x				
<i>Quercus michauxii</i>	Swamp chestnut oak						x
<i>Quercus muehlenbergii</i>	Chinquapin oak						x

<i>Quercus myrtifolia</i>	Myrtle oak				x		
<i>Quercus nigra</i>	Water oak				x	x	x
<i>Quercus shumardii</i>	Shumard oak						x
<i>Quercus stellata</i>	Post oak					x	
<i>Quercus virginiana</i>	Live oak				x	x	
<i>Sassafras albidum</i>	Sassafras			x			
<i>Sideroxylon lanuginosum</i>	Eastern gum bumelia					x	
<i>Symplocos tinctoria</i>	Horsesugar				x	x	
<i>Tilia americana</i>	Basswood						x
<i>Ulmus alata</i>	Winged elm					x	
<b>Shrubs</b>							
<i>Aesculus pavia</i>	Red buckeye				x		x
<i>Asimina parviflora</i>	Small-fruited pawpaw				x	x	
<i>Elliottia racemosa</i>	Georgia plume				x		
<i>Gaylussacia dumosa</i>	Dwarf huckleberry	x		x			
<i>Gaylussacia frondosa</i>	Dangleberry, huckleberry					x	
<i>Hamamelis virginiana</i>	Witch-hazel					x	
<i>Lyonia ferruginea</i>	Crookedwood				x		
<i>Osmanthus americanus</i>	Devilwood				x		x
<i>Rhapidophyllum hystrix</i>	Needle palm						x
<i>Rhododendron canescens</i>	Piedmont azalea						x
<i>Rubus cuneifolius</i>	Sand blackberry		x				
<i>Sabal minor</i>	Dwarf palmetto						x
<i>Serenoa repens</i>	Saw palmetto				x	x	
<i>Toxicodendron pubescens</i>	Poison oak	x	x	x			
<i>Vaccinium arboreum</i>	Sparkleberry	x			x	x	
<i>Vaccinium elliotii</i>	Mayberry	x			x		
<i>Vaccinium myrsinites</i>	Southern evergreen blueberry			x			
<i>Vaccinium stamineum</i>	Deerberry					x	
<b>Vines</b>							
<i>Gelsemium sempervirens</i>	Carolina jessamine					x	
<i>Smilax auriculata</i>	Dune greenbrier		x		x		
<i>Smilax pumila</i>	Sarsaparilla vine					x	x
<i>Vitis rotundifolia</i>	Muscadine				x		
<b>Ferns</b>							
<i>Asplenium platyneuron</i>	Ebony spleenwort					x	
<i>Pteridium aquilinum</i>	Bracken fern		x	x			
<b>Herbaceous</b>							
<i>Amsonia ciliata</i>	Sandhills bluestar	x	x				

<i>Arisaema dracontium</i>	Green dragon						x
<i>Asimina angustifolia</i>	Slimleaf pawpaw		x				
<i>Chrysopsis mariana</i>	Maryland golden-aster		x				
<i>Clitoria mariana</i>	Butterfly pea		x				
<i>Cnidioscolus stimulosus</i>	Tread softly	x					
<i>Coralorhiza odontohiza</i>	Autumn coralroot					x	
<i>Crotolaria rotundifolia</i>	Rabbit bells		x				
<i>Croton argyranthemus</i>	Silver croton		x				
<i>Desmodium floridanum</i>	Florida ticktrefoil		x				
<i>Desmodium strictum</i>	Pineland ticktrefoil		x				
<i>Dyschoriste oblongifolia</i>	Blue twinflower			x			
<i>Endodeca serpentaria</i>	Virginia snakeroot						x
<i>Eriogonum tomentosum</i>	Sandhill wild-buckwheat	x					
<i>Galactia erecta</i>	Erect milkpea		x				
<i>Galactia</i> sp.	Milkpeas	x					
<i>Lespedeza angustifolia</i>	Narrow-leaved lespedeza			x			
<i>Lespedeza hirta</i>	Hairy lespedeza			x			
<i>Liatris elegans</i>	Common elegant blazing-star			x			
<i>Licania michauxii</i>	Gopher-apple	x	x				
<i>Lupinus villosus</i>	Pink sandhill lupine	x					
<i>Mimosa quadrivalvis</i>	Florida sensitive-briar		x	x			
<i>Mitchella repens</i>	Partridge-berry					x	
<i>Paronychia rugellii</i>	Rugel's nailwort	x					
<i>Phlox divaricata</i>	Eastern blue phlox						x
<i>Pityopsis graminifolia</i>	Silkgrass	x	x	x			
<i>Polygonella polygama</i>	Sandhill jointweed	x					
<i>Rhynchosia reniformis</i>	Dollarweed		x	x			
<i>Rudbeckia hirta</i>	Black-eyed Susan			x			
<i>Scutellaria arenicola</i>	Sandhill skullcap				x		
<i>Solidago odora</i>	Licorice goldenrod			x	x		
<i>Stipulicida setacea</i>	Wire-plant	x					
<i>Symphyotrichum adnatum</i>	American aster			x			
<i>Tephrosia virginiana</i>	Virginia goat's-rue		x	x			
<i>Trillium maculatum</i>	Mottled trillium						x
<i>Trillium reliquum</i>	Relict trillium						x
<i>Trillium underwoodii</i>	Underwood's trillium						x
<i>Vernonia angustifolia</i>	Tall ironweed			x			
<i>Zephyranthes atamasco</i>	Common atamasco lily						x
<b>Grasses</b>							

<i>Andropogon gerardii</i>	Big bluestem			x			
<i>Andropogon virginicus</i>	Old-field broomsedge			x			
<i>Aristida beyrichiana</i>	Southern wiregrass	x	x	x			
<i>Aristida purpurascens</i>	Arrowfeather	x	x	x			
<i>Chasmanthium laxum</i>	Slender spikegrass					x	
<i>Chasmanthium sessiliflorum</i>	Longleaf spikegrass						x
<i>Dicanthelium aciculare</i>	Needle witchgrass			x			
<i>Muhlenbergia capillaris</i>	Hairgrass			x			
<i>Oplismenus hirtellus</i>	Woods-grass					x	
<i>Schizacharium scoparium</i>	Little bluestem		x	x			
<i>Schizachyrium tenerum</i>	Slender bluestem		x				
<i>Sorghastrum nutans</i>	Yellow Indiangrass		x	x			
<i>Sorghastrum secundum</i>	Lopsided Indiangrass		x	x			
<i>Sporobolus clandestinus</i>	Rough dropseed		x				
<i>Sporobolus junceus</i>	Sandhills dropseed		x	x			
<i>Triplasis americana</i>	Southern sandgrass	x	x				
<b>Sedges</b>							
<i>Bulbostylis ciliatifolia</i>	Savanna hairsedge	x					
<i>Rhynchospora megalocarpa</i>	Sandhill beaksedge				x		

- **Rock Outcrops, Prairies, and Barrens** include the following natural communities. Characteristic plants in each community are listed in the chart below.
- **Acidic Glades, Barrens, and Rocky Woodlands:** Open woodlands or barrens of pines and hardwoods interspersed with small to extensive outcropping of indurated sandstone (often called Altamaha Grit) and ironstone in the upper Coastal Plain.
- **Blackland Prairies and Woodlands:** Rare, small, open grasslands within a forested matrix of pines or mesic slope forests; occurring in a few locations on alkaline clay soils underlain by calcareous parent material in the Fall Line Red Hills of Houston, Peach, Twiggs, and Bleckley Counties within the Ocmulgee River drainage.

# Rock Outcrops, Prairies and Barrens Communities

		Acidic Glades, Barrens, Rocky Woodlands	Blackland Prairies & Woodlands	Pine Flatwoods
Trees				
<i>Celtis tenuifolia</i>	Dwarf hackberry		x	
<i>Cercis canadensis</i>	Eastern redbud		x	
<i>Crataegus crus-galli</i>	Cockspur hawthorn		x	
<i>Crataegus spathulata</i>	Littlehip hawthorn		x	
<i>Frangula caroliniana</i>	Carolina buckthorn		x	
<i>Ilex cassine</i>	Dahoon			x
<i>Juniperus virginiana</i>	Eastern red cedar		x	
<i>Pinus echinata</i>	Shortleaf pine	x		
<i>Pinus elliotii</i>	Slash pine			x
<i>Pinus palustris</i>	Longleaf pine	x		x
<i>Pinus serotina</i>	Pond pine			x
<i>Quercus alba</i>	White oak			
<i>Quercus falcata</i>	Southern red oak	x		
<i>Quercus laevis</i>	Turkey oak	x		
<i>Quercus margaretta</i>	Sand post oak	x		
<i>Quercus marilandica</i>	Blackjack oak	x		
<i>Quercus minima</i>	Dwarf live oak			x
<i>Quercus muehlenbergii</i>	Chinquapin oak		x	
<i>Quercus sinuata</i>	Bastard oak		x	
<i>Sassafras albidum</i>	Sassafras	x		
<i>Sideroxylon lanuginosum</i>	Eastern gum bumelia		x	
<i>Symplocos tinctoria</i>	Horsesugar	x		
<i>Ulmus alata</i>	Winged elm		x	
Shrubs				
<i>Berchemia scandens</i>	American rattan		x	
<i>Cornus asperifolia</i>	Eastern roughleaf dogwood		x	
<i>Crataegus triflora</i>	Three-flower hawthorn		x	
<i>Gaylussacia dumosa</i>	Dwarf huckleberry	x		

<i>Gaylussacia frondosa</i>	Huckleberry			x
<i>Ilex glabra</i>	Little gallberry			x
<i>Kalmia hirsuta</i>	Hairy wicky			x
<i>Kalmia latifolia</i>	Mountain laurel	x		
<i>Lyonia ferruginea</i>	Crookedwood			x
<i>Lyonia fruticosa</i>	Staggerbush			x
<i>Morella cerifera</i>	Wax-myrtle			x
<i>Serenoa repens</i>	Saw palmetto			x
<i>Vaccinium arboreum</i>	Sparkleberry	x		
<i>Viburnum rufidulum</i>	Southern black haw		x	
<i>Yucca filamentosa</i>	Curlyleaf yucca	x		
<b>Vines</b>				
<i>Smilax auriculata</i>	Dune greenbrier		x	x
<i>Smilax laurifolia</i>	Bamboo-vine			x
<b>Ferns</b>				
<i>Pteridium aquilinum</i>	Bracken fern	x		
<i>Pterocaulon pychnostachyum</i>	Blackroot			x
<b>Herbaceous</b>				
<i>Asclepias tuberosa</i>	Common butterfly-weed		x	
<i>Asclepias verticillata</i>	Whorled milkweed		x	
<i>Asclepias viridiflora</i>	Green milkweed		x	
<i>Delphinium carolinianum</i>	Prairie larkspur		x	
<i>Erigeron strigosus</i>	Cedar glade daisy fleabane		x	
<i>Euthamia caroliniana</i>	Flat-top goldenrod			x
<i>Glandularia bipinnatifida</i>	Dakota vervain		x	
<i>Houstonia nigracans</i>	Diamond-flower		x	
<i>Hypericum denticulatum</i>	Coppery St. John's wort			x
<i>Liatris elegans</i>	Common elegant blazing-star			x
<i>Nolina georgiana</i>	Georgia beargrass	x		
<i>Pityopsis graminifolia</i>	Silkgrass	x		x
<i>Polygala boykinii</i>	Boykin's milkwort		x	
<i>Ratibida pinnata</i>	Prairie coneflower		x	
<i>Rhexia alifanus</i>	Smooth meadow-beauty			x
<i>Rhexia mariana</i>	Pale meadow-beauty			x
<i>Rudbeckia fulgida</i>	Common eastern coneflower		x	
<i>Salvia azurea</i>	Azure sage		x	
<i>Schoenoliron croceum</i>	Yellow sunnybell	x		
<i>Silphium asteriscus</i>	Starry rosinweed		x	
<i>Solidago nemoralis</i>	Eastern gray goldenrod		x	

<i>Symphyotrichum adnatum</i>	American aster			x
<i>Symphyotrichum novae-angliae</i>	New England aster		x	
<i>Symphyotrichum walteri</i>	American aster			x
<i>Tephrosia virginiana</i>	Virginia goat's-rue	x		
<i>Trilisa odoratissima</i>	Deer's tongue			x
<i>Xyris drummondii</i>	Drummond's yellow-eyed grass			x
<b>Grasses</b>				
<i>Andropogon elliottii</i>	Elliott's bluestem	x		
<i>Andropogon gerardii</i>	Big bluestem		x	
<i>Andropogon ternarius</i>	Splitbeard bluestem	x		
<i>Andropogon virginicus</i>	Old-field broomsedge	x		x
<i>Aristida beyrichiana</i>	Southern wiregrass	x		x
<i>Aristida purpurascens</i>	Arrowfeather		x	
<i>Coleataenia anceps</i>	Beaked panic grass		x	
<i>Ctenium aromaticum</i>	Toothache grass			x
<i>Muhlenbergia capillaris</i>	Hairgrass		x	
<i>Panicum virgatum</i>	Switchgrass	x		x
<i>Schizachyrium scoparium</i>	Little bluestem	x		x
<i>Schizachyrium tenerum</i>	Slender bluestem	x		
<i>Sorghastrum nutans</i>	Yellow Indiangrass		x	
<i>Sporobolus clandestinus</i>	Rough dropseed		x	
<i>Sporobolus floridanus</i>	Florida dropseed			x
<i>Sporobolus vaginiflorus</i>	Poverty dropseed		x	
<b>Sedges</b>				
<i>Carex cherokeensis</i>	Cherokee sedge		x	

**Wetlands and Lowlands** include the following natural communities. Characteristic plants in each community are listed in the chart below.

- **Pine Flatwoods:** Open forests dominated by longleaf pine, slash pine, and pond pine often occupying extensive areas of low relief in the lower Coastal Plain; occurring on deep, sandy marine deposits of coastal terraces, often where soils with a spodic horizon have formed in response to fluctuating water levels.
- **Seepage Slope Herb Bogs:** Open patches of herbaceous wetland plants (often with pitcher plants) with few scattered pines; occupying low swales and lower slopes in frequently burned pine uplands, particularly in the Tifton Uplands, Tallahassee Hills, Southern Loam Plains, and Fall Line regions where the soil is saturated much of the year by lateral seepage from groundwater from sandy soils of adjacent uplands.



- **Seepage Slope Swamps and Shrub Bogs:** Open patches or dense shrubby vegetation dominated by evergreen species, including loblolly bay, sweet bay, and red bay with numerous other shrubby species; occupying seepage areas with seasonally to semi-permanently saturated soils and peat accumulation; includes canebrakes and Atlantic white cedar swamps.
- **Depression Marshes and Cypress Savannas:** Meadow-like wetlands or open cypress stands dominated by grasses and sedges; occurring in seasonally flooded depressions with gently sloping sides and relatively flat bottoms, such as Carolina bays and limesinks.
- **Cypress-Gum Ponds:** Forested wetlands dominated by pond-cypress and swamp tupelo in seasonally flooded depressions, such as Carolina bays and limesinks.
- **Depression Oak Forests:** Forested islands of live oak and laurel oak with little to no ground cover; occurring in shallow basins that are infrequently inundated and have been excluded from fire.
- **Cypress-Tupelo River Swamps:** Bald-cypress and water tupelo river swamps; occurring in backswamps, secondary channels, sloughs, and swales of river and larger stream floodplains.
- **Bottomland Hardwoods:** Diverse forest assemblages of deciduous hardwood species adapted to periods of inundation including water oak, willow oak, laurel oak, Shumard oak, swamp chestnut oak, red maple, sweet gum, green ash, overcup oak, and water hickory and evergreen species such as southern magnolia and live oak; occurring on relict natural levees, terraces, point bar ridges, and other relatively high parts of floodplain flats along blackwater and alluvial streams; includes bottomland canebrakes.
- **Riverbanks and Levees:** Hardwood-dominated forests bordering the river channel on active levees and banks of medium to large blackwater and alluvial streams and river; includes pioneer species establishing on recent alluvial deposits (willows, cottonwood, and ti-ti) as well as species established on more stable soils (river birch, water-elm, catalpa, and sycamore); does not include evergreen-dominated forests of live oak, laurel oak, and sand live oak (see dry evergreen oak woodlands).
- **Small Stream Floodplain Forests:** Dense forests of broadleaved evergreen and deciduous trees, shrubs, and vines (mix of species typically more restricted to distinct levees or backswamps or bottomlands in larger river systems); occurring on narrow floodplains of headwater drainages and low-gradient small creeks and streams of acidic, tannic water.
- **Okefenokee Swamp:** A mosaic of communities including pine uplands, forested wetlands of bay, cypress, and black gum, shrubby wetlands, and extensive prairies of emergent aquatic vegetation located in a vast peat-filled basin in the southeastern part of the state.

# Wetland and Lowland Communities

		Seepage Slope Herb Bogs	Seepage Slope Swamps & Shrub Bogs	Depression Marshes & Cypress Savannas	Cypress Gum Ponds	Depression Oak Forests	Cypress-Tupelo River Swamps	Bottomland Hardwoods	Riverbanks & Levees	Small stream floodplain forests	Okefenokee Swamp
<b>Trees</b>											
<i>Acer floridanum</i>	Southern sugar maple								x		
<i>Acer rubrum</i>	Red maple		x		x			x	x	x	x
<i>Acer saccharinum</i>	Silver maple								x		
<i>Alnus serrulata</i>	Tag alder								x		
<i>Asimina triloba</i>	Common pawpaw							x			
<i>Betula nigra</i>	River birch								x		
<i>Carpinus caroliniana</i>	Musclewood							x			
<i>Carya aquatica</i>	Water hickory							x			
<i>Carya cordiformis</i>	Bitternut hickory							x	x		
<i>Carya glabra</i>	Pignut hickory								x		
<i>Catalpa bignonioides</i>	Southern catalpa								x		
<i>Celtis laevigata</i>	Sugarberry							x			
<i>Cliftonia monophylla</i>	Buckwheat-tree									x	
<i>Cornus amomum</i>	Silky dogwood						x				
<i>Crataegus aestivalis</i>	Mayhaw			x		x					
<i>Crataegus crus-galli</i>	Cockspur hawthorn					x					
<i>Cyrilla racemiflora</i>	Ti-ti		x				x			x	x
<i>Diospyros virginiana</i>	American persimmon					x		x			
<i>Fraxinus caroliniana</i>	Carolina ash						x				
<i>Fraxinus pensylvanica</i>	Green ash							x	x		
<i>Gleditsia aquatica</i>	Water locust						x				
<i>Gordonia lasianthus</i>	Loblolly bay		x							x	x
<i>Halesia diptera</i>	Common two-wing silverbell							x			
<i>Ilex cassine</i>	Dahoon		x							x	x
<i>Juniperus virginiana</i>	Eastern red cedar								x		
<i>Liquidambar styraciflua</i>	Sweet gum					x		x	x	x	
<i>Magnolia virginiana</i>	Sweet bay		x							x	x
<i>Nyssa aquatica</i>	Water tupelo						x				
<i>Nyssa biflora</i>	Swamp tupelo		x	x	x	x	x	x		x	x
<i>Nyssa ogeche</i>	Ogeechee lime						x			x	x
<i>Ostrya virginiana</i>	Ironwood							x			
<i>Persea palustris</i>	Swamp bay		x								x

<i>Pinus elliotii</i>	Slash pine	x								
<i>Pinus glabra</i>	Spruce pine						x			
<i>Pinus palustris</i>	Longleaf pine	x								
<i>Pinus serotina</i>	Pond pine	x	x							
<i>Pinus taeda</i>	Loblolly pine						x			
<i>Planera aquatica</i>	Water-elm							x	x	
<i>Platanus occidentalis</i>	American sycamore							x		
<i>Quercus laurifolia</i>	Laurel oak		x		x	x		x	x	x
<i>Quercus lyrata</i>	Overcup oak								x	
<i>Quercus michauxii</i>	Swamp chestnut oak						x			
<i>Quercus nigra</i>	Water oak		x			x		x	x	x
<i>Quercus pagoda</i>	Cherrybark oak						x		x	
<i>Quercus phellos</i>	Willow oak						x			
<i>Quercus shumardii</i>	Shumard oak						x			
<i>Quercus virginiana</i>	Live oak					x		x		
<i>Salix nigra</i>	Black willow							x		
<i>Styrax americanus</i>	American snowbell				x					
<i>Taxodium ascendens</i>	Pond cypress			x	x		x			x
<i>Taxodium distichum</i>	Bald-cypress						x		x	x
<i>Toxicodendron vernix</i>	Poison sumac		x							
<i>Ulmus alata</i>	Winged elm							x		
<i>Ulmus americana</i>	American elm						x			
<b>Shrubs</b>										
<i>Amorpha fruticosa</i>	Tall indigo-bush							x		
<i>Berchemia scandens</i>	American rattan						x		x	
<i>Cephalanthus occidentalis</i>	Buttonbush				x					
<i>Clethra alnifolia</i>	Coastal sweet-pepperbush		x		x		x			x
<i>Eubotrys racemosa</i>	Coastal fetterbush				x		x			x
<i>Forestiera acuminata</i>	Swamp-privet						x			
<i>Ilex coriacea</i>	Big gallberry		x							
<i>Ilex myrtifolia</i>	Myrtle holly			x						
<i>Isotrema tomentosum</i>	Woolly dutchman's pipe							x		
<i>Itea virginica</i>	Virginia-willow				x			x	x	x
<i>Leucothoe axillaris</i>	Coastal doghobble		x							
<i>Lyonia ferruginea</i>	Crookedwood									x
<i>Lyonia fruticosa</i>	Staggerbush									x
<i>Lyonia ligustrina</i>	Maleberry		x							
<i>Lyonia lucida</i>	Shining fetterbush		x		x		x			x
<i>Morella caroliniensis</i>	Evergreen bayberry	x								
<i>Morella cerifera</i>	Wax-myrtle	x								

<i>Morella inodora</i>	Odorless bayberry	x									
<i>Rhododendron viscosum</i>	Swamp azalea		x								
<i>Rosa palustris</i>	Swamp rose									x	
<i>Sabal minor</i>	Dwarf palmetto							x			
<i>Vaccinium arboreum</i>	Sparkleberry								x		
<i>Vaccinium elliotii</i>	Mayberry					x					
<i>Viburnum nudum</i>	Southern wild raisin		x						x		
<b>Vines</b>											
<i>Ampelopsis arborea</i>	Peppervine				x	x		x		x	
<i>Bignonia capreolata</i>	Cross vine								x		
<i>Campsis radicans</i>	Trumpet-creeper							x	x		
<i>Parthenocissus quinquefolia</i>	Virginia-creeper							x			
<i>Smilax bona-nox</i>	Catbrier								x		
<i>Smilax glauca</i>	Whiteleaf greenbrier				x			x	x	x	
<i>Smilax hispida</i>	Bristly greenbrier										x
<i>Smilax laurifolia</i>	Bamboo-vine		x							x	x
<i>Smilax rotundifolia</i>	Common greenbrier								x	x	
<i>Smilax smallii</i>	Jackson-brier									x	
<i>Smilax walteri</i>	Coral greenbrier		x		x					x	
<i>Toxicodendron radicans</i>	Poison ivy							x	x	x	
<b>Ferns</b>											
<i>Onoclea sensibilis</i>	Sensitive fern		x				x			x	
<i>Osmunda regalis</i>	Royal fern						x				
<i>Osmundastrum cinnamomea</i>	Cinnamon fern		x		x					x	
<i>Polypodium polypodioides</i>	Resurrection fern					x					
<i>Woodwardia areolata</i>	Netted chain fern						x				
<i>Woodwardia virginica</i>	Virginia chain fern		x		x		x				
<b>Herbaceous</b>											
<i>Biglowia nudata</i>	Rayless goldenrod	x									
<i>Boehmeria cylindrica</i>	False-nettle				x		x				
<i>Chaptalia tomentosa</i>	Sunbonnets	x									
<i>Drosera brevifolia</i>	Dwarf sundew	x									
<i>Eriocaulon decangulare</i>	Pipewort			x							
<i>Euthamia caroliniana</i>	Flat-topped goldenrod			x							
<i>Helianthus angustifolius</i>	Narrowleaf sunflower	x		x							
<i>Hibiscus aculeatus</i>	Savanna hibiscus	x									
<i>Hypericum denticulatum</i>	Coppery St. John's-wort	x									
<i>Iris virginica</i>	Southern blue flag				x						x
<i>Lachnanthes caroliniana</i>	Redroot	x		x							x
<i>Lachnocaulon anceps</i>	Common bogbuttons	x		x							

<i>Ludwigia alternifolia</i>	Alternate-leaf seedbox			x						
<i>Nuphar orbiculata</i>	Broadleaf pondlily									x
<i>Nymphaea odorata</i>	White waterlily									x
<i>Nymphoides aquatica</i>	Big floating heart									x
<i>Orontium aquaticum</i>	Golden club									x
<i>Persicaria hydropiperoides</i>	Waterpepper			x						
<i>Pinguicula caerulea</i>	Blue butterwort	x								
<i>Platanthera cristata</i>	Crested fringed orchid	x								
<i>Platanthera nivea</i>	Snowy orchid	x								
<i>Polygala lutea</i>	Orange milkwort	x								
<i>Polygala nana</i>	Candyroot	x								
<i>Polygonum</i> spp.	Knotweeds					x				
<i>Rhexia alifanus</i>	Smooth meadow-beauty	x								x
<i>Rhexia mariana</i>	Pale meadow-beauty	x		x						x
<i>Sarracenia flava</i>	Trumpet pitcherplant	x								
<i>Sarracenia minor</i>	Hooded pitcherplant	x								
<i>Sarracenia psittacina</i>	Parrot pitcherplant	x								
<i>Sarracenia</i> spp.	Pitcherplants									x
<i>Saururus cernuus</i>	Lizard's tail				x		x		x	x
<i>Spiranthes praecox</i>	Ladies'-tresses	x								
<i>Stylisma aquatica</i>	Water dawnflower			x						
<i>Syngonanthus flavidulus</i>	Yellow hatpins	x								
<i>Utricularia inflata</i>	Swollen bladderwort			x						
<i>Utricularia</i> spp.	Bladderworts									x
<i>Xyris drummondii</i>	Drummond's yellow-eyed grass			x						
<b>Grasses</b>										
<i>Amphicarpum muehlenbergianum</i>	Blue maiden-cane			x						
<i>Andropogon virginicus</i>	Old-field broomsedge	x		x						
<i>Aristida palustris</i>	Longleaf three-awn grass			x						
<i>Arundinaria tecta</i>	Small cane		x							
<i>Chasmanthium latifolium</i>	River oats							x		
<i>Chasmanthium laxum</i>	Slender spikegrass							x		
<i>Coelorachis rugosa</i>	Wrinkled jointgrass			x						
<i>Coleataenia longifolia</i>	Combs panic grass	x								
<i>Ctenium aromaticum</i>	Toothache grass	x								
<i>Dicanthelium wrightianum</i>	Wright's witchgrass			x						
<i>Dichanthelium</i> spp.	Witchgrasses	x								
<i>Leersia hexandra</i>	Cutgrass			x						x
<i>Muhlenbergia capillaris</i>	Hairgrass	x								

<i>Panicum hemitomom</i>	Maiden-cane			x						x
<i>Paspalum floridanum</i>	Florida paspalum			x						
<i>Pipochaetium avenaceum</i>	Eastern needlegrass							x		
<i>Sacciolepis striata</i>	American cupscale									x
<i>Sporobolus teretifolius</i>	Wireleaf dropseed	x								
<i>Steinchisma hians</i>	Gaping panic grass			x						
<b>Sedges &amp; Rushes</b>										
<i>Carex glaucescens</i>	Blue sedge			x	x					
<i>Carex joori</i>	Joor's sedge				x					
<i>Cyperus erythrorhizos</i>	Redroot flatsedge			x						
<i>Eleocharis quadrangulata</i>	Spikerush			x						
<i>Rhynchospora corniculata</i>	Short-bristle horned beaksedge				x					
<i>Rhynchospora globularis</i>	Globe beaksedge			x						
<i>Rhynchospora</i> spp.	Beakrushes, beaksedges	x								
<i>Scirpus cyperinus</i>	Woolgrass bulrush			x						x
<i>Scleria reticularis</i>	Netted nutrush	x		x						