

# Natural Communities of Cumberland Plateau and Ridge & Valley 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.

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

- **Mesic Forests:** These occur in protected sites where soils are deep and rich, such as valley floors, ravines, protected coves on slopes, and the bottoms of some large sinkholes. They are often dominated by a diversity of late successional mesophytic species, such as basswood, American beech, yellow buckeye, tulip-tree, and southern sugar maple. They are typically small-patch in the ecoregion today.
- **Dry Calcareous Forests:** These deciduous forests occur in large patches over dry to dry-mesic soils. They support species associated with high-calcium soils, such as chinquapin oak, Shumard oak, chalk maple, white ash, eastern red cedar, eastern redbud, elms, hickories, coralberry, fragrant sumac, and Carolina buckthorn. Ericads are sparse to absent.
- **Acidic Oak-Pine-Hickory Forests:** These forests occur in large patches on acidic substrates, such as sandstone, chert, and some shales. They range from xeric to dry-mesic. They are usually dominated by oaks, such as rock chestnut oak, white oak, black oak, post oak, blackjack oak, southern red oak, and scarlet oak, with some hickories, black gum, red maple, and pines.
- **Pine-Oak Woodlands:** These forests and woodlands occur on xeric, rocky, exposed sites. They are usually dominated by Virginia pine and/or shortleaf pine, and dry-site oaks, and typically have an ericaceous shrub layer. Trees are often stunted. These forests were most likely large-patch when fire was more frequent: they are small-patch today.
- **Montane Longleaf Woodlands and Forests:** These small-patch longleaf pine-dominated woodlands and forests occur in a few xeric to dry montane sites. Associated (and at times co-dominant) species include dry-site oaks, such as scarlet oak, rock chestnut oak, and post oak along with scattered shrubs and a fairly dense herbaceous layer.

## Upland Communities

		Mesic Forests	Dry Calcareous Forests	Acidic Oak-Pine-Hickory	Pine-Oak Woodlands	Montane Longleaf
<b>Trees</b>						
<i>Acer floridanum</i>	Southern sugar maple	x				
<i>Acer leucoderme</i>	Chalk maple		x			
<i>Aesculus flava</i>	Yellow buckeye	x				
<i>Amelanchier arborea</i>	Downy serviceberry			x		
<i>Asimina triloba</i>	Common pawpaw	x				
<i>Carya carolinae-septentrionalis</i>	Carolina hickory		x			
<i>Carya cordiformis</i>	Bitternut hickory	x				
<i>Carya glabra</i>	Pignut hickory		x	x	x	
<i>Carya ovalis</i>	Red hickory		x	x		
<i>Carya ovata</i>	Shagbark hickory	x				
<i>Carya pallida</i>	Sand hickory			x	x	
<i>Carya tomentosa (C. alba)</i>	Mockernut hickory		x	x		
<i>Cercis canadensis</i>	Eastern redbud		x			
<i>Cornus florida</i>	Flowering dogwood			x		
<i>Fagus grandifolia</i>	American beech	x				
<i>Frangula caroliniana</i>	Buckthorn bully		x			
<i>Fraxinus americana</i>	White ash	x	x			
<i>Halesia tetraptera</i>	Common silverbell	x				
<i>Juniperus virginiana</i>	Eastern red cedar		x			
<i>Liriodendron tulipifera</i>	Tulip poplar, yellow poplar	x				
<i>Magnolia tripetala</i>	Umbrella magnolia	x				
<i>Oxydendrum arboreum</i>	Sourwood			x	x	
<i>Pinus echinata</i>	Shortleaf pine			x	x	x
<i>Pinus palustris</i>	Longleaf pine					x
<i>Pinus virginiana</i>	Virginia pine			x	x	
<i>Quercus alba</i>	White oak		x	x		
<i>Quercus coccinea</i>	Scarlet oak			x	x	x
<i>Quercus falcata</i>	Southern red oak			x	x	x

<i>Quercus marilandica</i>	Blackjack oak			X	X	X
<i>Quercus montana (Q. prinus)</i>	Chestnut oak			X	X	X
<i>Quercus muehlenbergii</i>	Chinkapin oak		X			
<i>Quercus rubra</i>	Northern red oak		X			
<i>Quercus shumardii</i>	Shumard oak		X			
<i>Quercus stellata</i>	Post oak		X	X	X	X
<i>Quercus velutina</i>	Black oak			X	X	
<i>Sideroxylon lycioides</i>	Carolina buckthorn		X			
<i>Symplocos tinctoria</i>	Sweetleaf				X	
<i>Tilia americana</i>	American basswood	X				
<i>Ulmus alata</i>	Winged Elm		X			
<i>Ulmus americana</i>	American elm		X			
<i>Ulmus rubra</i>	Slippery elm, red elm		X			
<b>Shrubs</b>						
<i>Berchemia scandens</i>	American rattan		X			
<i>Castanea dentata</i>	American chestnut			X		
<i>Chionanthus virginicus</i>	Fringe tree			X		
<i>Diervilla rivularis</i>	Hairy southern bush-honeysuckle			X	X	
<i>Forestiera ligustrina</i>	Upland swamp-privet		X			
<i>Hydrangea arborescens</i>	Smooth hydrangea	X				
<i>Kalmia latifolia</i>	Mountain laurel			X	X	
<i>Lindera benzoin</i>	Spice-bush, northern spice bush	X				
<i>Ptelea trifoliata</i>	Hoptree, wafer-ash		X			
<i>Rhus aromatica</i>	Fragrant sumac		X			
<i>Rubus spp.</i>	Blackberries and dewberries				X	X
<i>Symphiocarpos orbiculatus</i>	Coralberry		X			
<i>Vaccinium arboreum</i>	Sparkleberry			X	X	X
<i>Vaccinium corymbosum</i>	Southern highbush blueberry			X	X	
<i>Vaccinium pallidum</i>	Hillside blueberry			X	X	X
<i>Vaccinium stamineum</i>	Deerberry			X		X
<i>Viburnum rufidulum</i>	Southern black haw		X			
<b>Vines</b>						
<i>Berchemia scandens</i>	Blackjack vine		X			
<i>Gelsemium sempervirens</i>	Carolina jessamine			X	X	
<i>Lonicera sempervirens</i>	Coral honeysuckle			X		
<i>Smilax spp.</i>	Greenbriers				X	
<b>Ferns</b>						
<i>Adiantum pedatum</i>	Northern maidenhair fern	X				

<i>Diplazium pycnocarpon</i>	Glade fern	x				
<i>Pteridium aquilinum</i>	Bracken fern			x		x
<b>Herbaceous</b>						
<i>Actaea pachypoda</i>	Doll's eyes, white baneberry	x				
<i>Actaea racemosa</i>	Black cohosh	x				
<i>Anemone virginiana</i>	Tall thimbleweed		x			
<i>Apocynum cannabinum</i>	Indian hemp					x
<i>Boechera laevigata</i>	Common smooth rockcress		x			
<i>Cardamine</i> spp.	Toothworts	x				
<i>Caulophyllum thalictroides</i>	Blue cohosh	x				
<i>Chrysopsis mariana</i>	Maryland goldenaster					x
<i>Clematis viorna</i>	Northern leatherflower		x			
<i>Clitoria mariana</i>	Butterfly pea					x
<i>Coreopsis major</i>	Woodland coreopsis			x	x	x
<i>Delphinium tricorne</i>	Dwarf larkspur		x			
<i>Elephantopus tomentosus</i>	Hairy elephant's-foot					x
<i>Eupatorium capillifolium</i>	Dog fennel					x
<i>Eupatorium perfoliatum</i>	American Boneset					x
<i>Euphorbia corollata</i>	Flowering spurge				x	
<i>Eurybia divaricata</i>	Common white heart-leaved aster			x		
<i>Geranium maculatum</i>	Wild geranium, cranesbill geranium	x				
<i>Helianthus hirsutus</i>	Hairy sunflower			x		
<i>Helianthus</i> spp.	Sunflowers					x
<i>Hieracium venosum</i>	Hawkweed			x	x	
<i>Hypericum</i> spp.	St. Johnsworts					x
<i>Hypoxis hirsuta</i>	Common goldstar			x	x	x
<i>Iris cristata</i>	Dwarf crested iris	x	x			
<i>Iris verna</i>	Upland dwarf iris			x		
<i>Krigia biflora</i>	Orange dwarf-dandelion			x		
<i>Lespedeza</i> spp.	Lespedeza					x
<i>Liatris</i> spp.	Blazing stars				x	x
<i>Lithospermum canescens</i>	Hoary puccoon		x			
<i>Maianthemum racemosum</i>	False Solomon's seal		x			
<i>Mertensia virginica</i>	Virginia bluebells	x				
<i>Mimosa microphylla</i>	Eastern sensitive briar					x
<i>Packera anonyma</i>	Appalachian ragwort					x
<i>Parthenium integrifolium</i>	Common wild quinine				x	x
<i>Phacelia bipinnatifida</i>	Fern-leaf phacelia	x				

<i>Pityopsis graminifolia</i>	Narrowleaf silkgrass			x		x
<i>Podophyllum peltatum</i>	Mayapple, American mandrake	x				
<i>Polygonatum biflorum</i>	Small Solomon's seal		x			
<i>Prosartes lanuginosa</i>	Yellow mandarin	x				
<i>Salvia urticifolia</i>	Nettle-leaf sage		x			
<i>Sanguinaria canadensis</i>	Bloodroot	x				
<i>Sanicula canadensis</i>	Black snakeroot		x			
<i>Solidago</i> spp.	Goldenrods			x	x	x
<i>Spigelia marilandica</i>	Indian-pink, woodland pinkroot		x			
<i>Symphyotrichum patens</i>	Late purple aster			x	x	
<i>Tephrosia virginiana</i>	Goat's rue				x	x
<i>Thalictrum thalictroides</i>	Rue-anemone	x				
<i>Tiarella cordifolia</i>	Heartleaf foamflower	x				
<i>Tragia urticifolia</i>	Nettleleaf noseburn		x			
<i>Trillium</i> spp.	Trilliums	x				
<i>Viola canadensis</i>	Tall white violet	x				
<i>Viola pedata</i>	Bird's foot violet					x
<b>Grasses</b>						
<i>Andropogon</i> spp.	Broomsedges				x	x
<i>Avenella flexuosa</i>	Common hairgrass			x		
<i>Danthonia spicata</i>	Poverty oatgrass				x	
<i>Danthonia</i> spp.	Oatgrasses					x
<i>Dichanthelium</i> spp.	Rosette grass, witchgrass					x
<i>Schizachyrium scoparium</i>	Little bluestem, bunchgrass				x	

**Rock Outcrops, Prairies, and Barrens** include the following natural communities. Characteristic plants in each community are listed in the chart below.

- Calcareous Prairies and Barrens (Coosa Prairies):** These small-patch grasslands occur in a mosaic of deep-soil prairies and shallow-soil barrens restricted to calcareous substrates in the Coosa River Valley. Composites, including sunflowers, coneflowers, and blazing stars, dominate along with the dominant grasses of the tall-grass prairie of the American Midwest: big bluestem, switchgrass, yellow Indiangrass, and common little bluestem.
- Calcareous Glades, Barrens, and Woodlands (Cedar Glades):** These are small-patch areas of exposed limestone interspersed with barrens, shrubby areas, and small islands supporting woodlands with stunted trees. They are dominated by eastern red cedars and are often called cedar glades.

- **Acidic Glades and Barrens:** These small-patch mosaics of bare rock, glades, barrens, and woodlands occur on flat to gently sloping expanses of exposed sandstone or conglomerate on the caps of ridges. These very dry areas support drought-tolerant herbaceous species as well as bryophytes with scattered Virginia pine, rock chestnut oak, and other dry-site oaks and pines.
- **Calcareous Cliffs:** These vertical to near vertical rockfaces have high levels of calcium and occur as bluffs along rivers and on the sides of some valleys and canyons in the Ridge and Valley, often as small patches embedded within the mesic forest natural community. Vegetation grows on ledges and is rooted within the crevices of rock.
- **Acidic Cliffs and Rock Outcrops:** These small-patch steep to vertical outcroppings often form bluffs along rivers and streams. Vegetation is sparse and limited to crevices within the rocks and shallow ledges. Moisture levels range from xeric to wet cliffs near waterfalls.

Rock Outcrops, Prairies and Barrens Communities						
		Calcareous Prairies & Barrens	Calcareous Glades, Barrens & Woodlands	Acidic Glades & Barrens	Calcareous Cliffs	Acidic Cliffs & Outcrops
<b>Trees</b>						
<i>Acer rubrum</i>	Red maple					x
<i>Amelanchier arborea</i>	Downy serviceberry			x		
<i>Betula lenta</i>	Black birch			x		x
<i>Carya glabra</i>	Pignut hickory			x		
<i>Carya pallida</i>	Sand hickory			x		
<i>Carya tomentosa</i>	Mockernut hickory			x		
<i>Celtis occidentalis</i>	Hackberry		x			
<i>Celtis tenuifolia</i>	Dwarf hackberry		x			
<i>Cercis canadensis</i>	Eastern redbud				x	
<i>Chionanthus virginicus</i>	Fringetree					
<i>Frangula caroliniana</i>	Buckthorn bully, Carolina buckthorn		x			
<i>Fraxinus americana</i>	White ash		x		x	
<i>Juniperus virginiana</i>	Eastern red cedar		x		x	
<i>Ostrya virginiana</i>	Eastern hophornbeam, ironwood				x	
<i>Oxydendrum arboreum</i>	Sourwood			x		

<i>Pinus echinata</i>	Shortleaf pine		x	x		
<i>Pinus virginiana</i>	Virginia pine		x	x		x
<i>Quercus montana (Q. prinus)</i>	Chestnut oak, rock chestnut oak			x		x
<i>Quercus muehlenbergii</i>	Chinquapin oak		x			
<i>Quercus stellata</i>	Post oak		x	x		
<i>Sideroxylon lycioides</i>	Buckthorn bully				x	
<i>Ulmus alata</i>	Winged elm		x		x	
<i>Ulmus rubra</i>	Slippery elm, red elm				x	
<b>Shrubs</b>						
<i>Chionanthus virginicus</i>	Fringe tree			x		x
<i>Clethra acuminata</i>	Mountain sweet pepperbush					x
<i>Diervilla rivularis</i>	Hairy southern bush-honeysuckle			x		x
<i>Forestiera ligustrina</i>	Upland swamp privet, Southern privet		x			
<i>Hamamelis virginiana</i>	Common witchhazel					x
<i>Hydrangea arborescens</i>	Smooth hydrangea				x	x
<i>Hydrangea cinerea</i>	Ashy hydrangea					x
<i>Kalmia latifolia</i>	Mountain laurel			x		x
<i>Philadelphus inodorus</i>	Appalachian mock-orange				x	
<i>Rhododendron catawbiense</i>	Catawba rhododendron			x		x
<i>Rhododendron minus</i>	Dwarf rhododendron					x
<i>Rhus aromatica</i>	Fragrant sumac		x			
<i>Rhus copallinum</i>	Winged sumac			x		x
<i>Rubus spp.</i>	Blackberries and dewberries			x		x
<i>Symphiocarpos orbiculatus</i>	Coralberry		x			
<i>Vaccinium arboreum</i>	Sparkleberry			x		
<i>Vaccinium corymbosum</i>	Southern highbush blueberry			x		
<i>Vaccinium pallidum</i>	Hillside blueberry			x		
<b>Vines</b>						
<i>Decumaria barbara</i>	Climbing hydrangea					x
<i>Gelsemium sempervirens</i>	Carolina jessamine			x		x
<i>Vitis aestivalis</i>	Summer grape			x		
<i>Vitis rotundifolia</i>	Muscadine			x		
<b>Ferns</b>						
<i>Adiantum pedatum</i>	Northern maidenhair fern				x	
<i>Asplenium platyneuron</i>	Ebony spleenwort				x	
<i>Asplenium rhizophyllum</i>	Walking fern				x	
<i>Aspleneum ruta-muraria</i>	Spleenwort				x	
<i>Asplenium trichomanes</i>	Maidenhair spleenwort				x	

<i>Asplenium</i> spp.	Spleenworts					X
<i>Dryopteris marginalis</i>	Marginal wood fern			X		X
<i>Pellaea atropurpurea</i>	Purple cliff-brake				X	
<i>Pleopeltis polypodioides</i>	Resurrection fern				X	
<i>Polypodium appalachianum</i>	Appalachian rockcap fern					X
<b>Herbaceous</b>						
<i>Anemone acutiloba</i>	Sharp-lobed hepatica				X	
<i>Anemone virginiana</i>	Tall thimbleweed		X			
<i>Aquilegia canadensis</i>	Eastern columbine				X	
<i>Arabidopsis lyrata</i>	Lyreleaf rockcress				X	
<i>Arabis patens</i>	Spreading rockcress				X	
<i>Asclepias hirtella</i>	Tall green milkweed	X				
<i>Asclepias viridiflora</i>	Green milkweed	X				
<i>Asclepias viridis</i>	Green antelopehorn milkweed	X				
<i>Baptisia australis</i>	Blue wild indigo	X				
<i>Boechera canadensis</i>	Canada rockcress				X	
<i>Boechera laevigata</i>	Common smooth rockcress				X	
<i>Buchnera americana</i>	Prairie bluehearts	X				
<i>Campanula divaricata</i>	Southern harebell					X
<i>Cardamine concatenata</i>	Cutleaf toothwort				X	
<i>Coreopsis triptera</i>	Tall coreopsis		X			
<i>Cladonia</i> spp.	Reindeer moss			X		
<i>Cladina</i> spp.	Reindeer moss			X		
<i>Croton willdenowii</i>	Glade rushfoil			X		
<i>Dalea gattingeri</i>	Purple tassels		X			
<i>Echinacea simulata</i>	Prairie purple coneflower	X				
<i>Erigeron strigosus</i>	Daisy fleabane, prairie fleabane		X			
<i>Eupatorium altissimum</i>	Tall thoroughwort	X				
<i>Euphorbia mercurialina</i>	Mercury spurge				X	
<i>Eurybia divaricata</i>	Common white heart-leaved aster			X		
<i>Eurybia hemispherica</i>	Southern prairie aster	X				
<i>Helianthus mollis</i>	Ashy sunflower	X				
<i>Helianthus occidentalis</i>	Fewleaf sunflower	X				
<i>Helianthus verticillatus</i>	Whorled sunflower	X				
<i>Heuchera parvifolia</i>	Littleleaf alumroot					X
<i>Heuchera villosa</i>	Hairy alumroot					X
<i>Houstonia caerulea</i>	Quaker ladies					X
<i>Hypericum dolabriforme</i>	Glade St. Johns-wort		X			



<i>Hypericum sphaerocarpum</i>	Barrens St. Johns-wort	x				
<i>Hypericum stragulum</i>	Low St. Johns-wort			x		
<i>Iris cristata</i>	Dwarf crested iris				x	
<i>Iris verna</i>	Dwarf violet iris					x
<i>Leavenworthia exigua</i>	Least glade cress		x			
<i>Liatris aspera</i>	Tall blazing star, rough blazing star	x				
<i>Liatris spicata</i>	Dense blazing star, marsh blazing star	x				
<i>Lilium michauxii</i>	Carolina lily					x
<i>Lithospermum canescens</i>	Hoary puccoon		x			
<i>Lysimachia quadrifolia</i>	Whorled loosestrife	x				
<i>Manfreda virginica</i>	False aloe, rattlesnake master		x			
<i>Marshallia mohrii</i>	Mohr's Barbaras' buttons	x				
<i>Micranthes virginiensis</i>	Early saxifrage				x	
<i>Minuartia patula</i>	Lime-barren sandwort		x			
<i>Mitchella repens</i>	Partridge-berry					x
<i>Oenothera fruticosa</i>	Sundrops		x			
<i>Onosmodium virginianum</i>	Virginia marbleseed	x				
<i>Opuntia humifusa</i>	Eastern prickly-pear		x			
<i>Packera anonyma</i>	Appalachian ragwort		x			
<i>Packera obovata</i>	Roundleaf ragwort				x	
<i>Packera paupercula</i>	Balsam ragwort		x			
<i>Parthenium integrifolium</i>	Common wild quinine	x				
<i>Pedimelum subacaule</i>	Nashville breadroot		x			
<i>Phacelia bipinnatifida</i>	Fern-leaf phacelia				x	
<i>Phemeranthus mengesi</i>	Rock pink			x		
<i>Phemeranthus teretifolius</i>	Appalachian rock pink			x		
<i>Phlox amoena</i>	Hairy phlox		x			
<i>Phlox divaricata</i>	Woodland phlox				x	
<i>Physostegia virginiana</i>	Obedient plant	x				
<i>Pityopsis graminifolia</i>	Narrowleaf silkgrass			x		
<i>Pycnanthemum virginianum</i>	Virginia mountain-mint	x				
<i>Rudbeckia fulgida</i>	Orange coneflower, brown-eyed Susan	x				
<i>Salvia urticifolia</i>	Nettle-leaf sage		x			
<i>Sanguinaria canadensis</i>	Bloodroot				x	
<i>Schoenolirion croceum</i>	Yellow sunnybell	x				
<i>Sedum pulchellum</i>	Lime stonecrop		x			
<i>Sedum ternatum</i>	Mountain stonecrop				x	
<i>Selaginella rupestris</i>	Rock spikemoss			x		

<i>Silene rotundifolia</i>	Roundleaf fire-pink					X
<i>Silphium asteriscus</i>	Starry rosinweed	X				
<i>Silphium terebinthinaceum</i>	Prairie-dock	X				
<i>Sisyrinchium</i> spp.	Blue-eyed grass				X	
<i>Solidago</i> spp.	Goldenrods		X			
<i>Solidago ptarmicoides</i>	White prairie-goldenrod	X				
<i>Solidago riddellii</i>	Riddell's goldenrod	X				
<i>Solidago rigida</i>	Southeastern bold goldenrod	X				
<i>Spiranthes magnicamporum</i>	Great Plains ladies' -tresses	X				
<i>Symphyotrichum laeve</i>	Narrow-leaved smooth aster	X				
<i>Symphyotrichum pratense</i>	Barrens silky aster	X				
<i>Thalictrum clavatum</i>	Lady rue					X
<i>Thalictrum thalictroides</i>	Rue-anemone				X	
<i>Tradescantia</i> spp.	Spiderworts			X		X
<i>Trichostema dichotomum</i>	Bluecurls			X		
<i>Viola blanda</i>	Sweet white violet					X
<i>Viola egglestonii</i>	Glade violet		X			
<i>Viola rostrata</i>	Longspur violet				X	
<b>Grasses</b>						
<i>Andropogon gerardii</i>	Big bluestem, turkeyfoot	X				
<i>Andropogon virginicus</i>	Broomsedge			X		
<i>Avenella flexuosa</i>	Common hairgrass, wavy hairgrass			X		X
<i>Danthonia</i> spp.	Oatgrasses			X		
<i>Schizachyrium scoparium</i>	Little bluestem	X		X		
<i>Sporobolus heterolepis</i>	Prairie dropseed	X				
<b>Sedges &amp; Rushes</b>						
<i>Carex</i> spp.	Sedges					X
<i>Rhynchospora thornei</i>	Thorne's beaksedge	X				

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

- Flatwoods:** These open to closed forests occur on gently rolling to flat, calcium-rich terrain. They are considered wetlands because depressional areas within them pond water during winter and early spring; they are also known as upland depressional swamps. Dominant tree species include willow oak, white oak, Shumard oak, cherrybark oak, green ash, white ash, and sugarberry. They are small-patch today in most areas, but large-patch examples may have occurred prior to ditching and draining activities.

- **Calcareous Seepage Fens:** These are small-patch herb-dominated complexes of seeps, springs, and small streams with soils high in calcium and magnesium that typically occur in valleys.
- **Acidic Seepage Wetlands:** These small-patch open forests occur in shallow swales or near streamheads on the caps of the Cumberland Plateau and ridges in the Ridge and Valley. Typical species include red maple, black gum, sweet gum, tag alder, cinnamon fern, and royal fern.
- **Sagponds and Sinkholes:** These small-patch depressional wetlands have vegetation that is often distributed in a zonal pattern and ranges from open water to open forest. Typical woody species include red maple, sycamore, willow oak, black gum, sweet gum, green ash, southern wild raisin, tag alder, and buttonbush.
- **Floodplains, Bottomlands, and Riparian Zones:** These forests and vegetation patches occur along streams, large creeks and rivers. They are characterized by trees and shrubs that can grow to maturity on soils that are saturated for limited periods, such as cherrybark oak, willow oak, swamp chestnut oak, Shumard oak, overcup oak, sweet gum, red maple, water oak, river birch, sycamore, tulip-tree, green ash, and box elder. This natural community encompasses a wide variety of habitats, including large and small floodplains as well as scout areas along streams. These sites are small-patch today. In the past, some large-patch examples would have occurred in the Coosa watershed.

Wetland Communities						
		Flatwoods	Calcareous Seepage Fens	Acidic Seepage Wetlands	Sagponds & Sinkholes	Floodplains, Bottomlands
<b>Trees</b>						
<i>Acer floridanum</i>	Southern sugar maple	x				
<i>Acer negundo</i>	Boxelder					x
<i>Acer rubrum</i>	Red maple			x	x	x
<i>Betula nigra</i>	River birch					x
<i>Carpinus caroliniana</i>	American hornbeam, muscledwood	x				x
<i>Carya carolinae-septentrionalis</i>	Carolina hickory	x				
<i>Carya ovata</i>	Shagbark hickory	x				
<i>Celtis laevigata</i>	Sugarberry	x				x
<i>Cercis canadensis</i>	Eastern redbud	x				

<i>Fraxinus pennsylvanica</i>	Green ash	x			x	x
<i>Ilex opaca</i>	American holly			x	x	
<i>Liquidambar styraciflua</i>	Sweetgum	x		x	x	x
<i>Liriodendron tulipifera</i>	Tulip poplar, yellow poplar			x		x
<i>Nyssa biflora</i>	Swamp tupelo				x	
<i>Nyssa sylvatica</i>	Black gum or tupelo			x	x	
<i>Platanus occidentalis</i>	Sycamore					x
<i>Quercus alba</i>	White oak				x	
<i>Quercus falcata</i>	Southern red oak				x	
<i>Quercus laurifolia</i>	Laurel oak				x	
<i>Quercus lyrata</i>	Overcup oak	x				x
<i>Quercus michauxii</i>	Swamp chestnut oak	x				x
<i>Quercus nigra</i>	Water oak	x				
<i>Quercus pagoda</i>	Cherrybark oak	x				x
<i>Quercus phellos</i>	Willow oak	x			x	x
<i>Quercus shumardii</i>	Shumard oak	x				x
<i>Sideroxylon lycioides</i>	Buckthorn bully	x				
<i>Ulmus americana</i>	American elm	x				
<i>Ulmus rubra</i>	Slippery elm, red elm	x				
<b>Shrubs</b>						
<i>Alnus serrulata</i>	Tag alder			x	x	x
<i>Aronia arbutifolia</i>	Red chokeberry				x	
<i>Aronia melanocarpa</i>	Black chokeberry			x	x	
<i>Cephalanthus occidentalis</i>	Buttonbush				x	x
<i>Cornus amomum</i>	Silky dogwood	x		x		x
<i>Cornus stricta</i>	Southern swamp dogwood	x				
<i>Hamamelis virginiana</i>	Witch-hazel					x
<i>Hypericum hypericoides</i>	St. Andrew's cross				x	
<i>Ilex decidua</i>	Possum-haw holly	x			x	x
<i>Ilex glabra</i>	Gallberry, inkberry				x	
<i>Ilex verticillata</i>	Winterberry			x		
<i>Itea virginica</i>	Virginia willow					x
<i>Kalmia latifolia</i>	Mountain laurel				x	
<i>Lyonia lucida</i>	Fetterbush				x	
<i>Rubus hispidus</i>	Swamp dewberry			x		
<i>Vaccinium corymbosum</i>	Southern highbush blueberry			x		
<i>Viburnum nudum</i>	Swamp-haw, Southern wild raisin			x		x
<i>Xanthorhiza simplicissima</i>	Yellowroot					x

<b>Vines</b>						
<i>Berchemia scandens</i>	Blackjack vine	x				
<i>Bignonia capreolata</i>	Crossvine	x		x		x
<i>Decumaria barbara</i>	Climbing hydrangea			x		
<i>Smilax</i> spp.	Greenbriers				x	
<b>Ferns</b>						
<i>Athyrium asplenoides</i>	Southern lady fern			x		
<i>Onoclea sensibilis</i>	Sensitive fern		x			x
<i>Osmunda regalis</i>	Royal fern			x	x	
<i>Osmundastrum cinnamomeum</i>	Cinnamon fern			x	x	
<i>Pteridium aquilinum</i>	Bracken fern				x	
<i>Thelypteris noveboracensis</i>	New York fern			x		
<i>Thelypteris palustris</i>	Marsh fern		x			
<i>Woodwardia areolata</i>	Netted chain fern			x		x
<i>Woodwardia virginica</i>	Virginia chain fern				x	
<b>Herbaceous</b>						
<i>Allium cernuum</i>	Nodding onion	x				
<i>Arisaema dracontium</i>	Green dragon					
<i>Arisaema triphyllum</i>	Jack-in-the-pulpit			x		
<i>Cardamine bulbosa</i>	Bulbous bittercress	x				
<i>Claytonia virginica</i>	Virginia spring beauty	x				
<i>Eutrochium fistulosum</i>	Hollow-stem Joe-Pye weed					x
<i>Gentiana saponaria</i>	Soapwort gentian			x		
<i>Helenium autumnale</i>	Common sneezeweed		x			
<i>Hymenocallis occidentalis</i>	Spider lily	x				
<i>Hypericum densiflorum</i>	Mountain bushy St. John's wort		x			
<i>Impatiens capensis</i>	Orange jewelweed	x	x			x
<i>Lobelia cardinalis</i>	Cardinal flower		x	x		x
<i>Lobelia puberula</i>	Downy blue lobelia		x			
<i>Ludwigia microcarpa</i>	Small-fruited seedbox		x			
<i>Lycopus virginicus</i>	Virginia bugleweed		x			
<i>Lysimachia quadrifolia</i>	Whorled loosestrife		x			
<i>Mecardonia acuminata</i>	Axil-flower		x			
<i>Medeola virginiana</i>	Indian cucumber-root			x		
<i>Mimulus alatus</i>	Winged monkey-flower		x			
<i>Mitreola petiolata</i>	Lax hornpod		x			
<i>Nothoscordum bivalve</i>	False garlic	x				
<i>Oxypolis rigidior</i>	Cowbane		x	x		

<i>Packera glabella</i>	Butterweed					X
<i>Podophyllum peltatum</i>	Mayapple, American mandrake	X				
<i>Polytrichum commune</i>	Haircap moss				X	
<i>Potamogeton pulcher</i>	Spotted pondweed				X	
<i>Rudbeckia laciniata</i>	Cutleaf coneflower		X			
<i>Saururus cernuus</i>	Lizard's-tail	X				X
<i>Scutellaria integrifolia</i>	Helmet flower			X		
<i>Sisyrinchium</i> spp.	Blue-eyed grass	X				
<i>Solidago patula</i>	Roughleaf goldenrod		X			
<i>Sphagnum</i> spp.	Peatmosses			X	X	
<i>Spigelia marilandica</i>	Indian-pink, woodland pinkroot	X				
<i>Thalictrum revolutum</i>	Skunk meadowrue	X				
<i>Utricularia biflora</i>	Longspur creeping bladderwort				X	
<i>Verbesina alternifolia</i>	Common wingstem					X
<i>Viola primulifolia</i>	Primrose-leaf violet			X		
<i>Xyris tennesseensis</i>	Tennessee yellow-eyed grass		X			
<b>Grasses</b>						
<i>Andropogon virginicus</i>	Broomsedge				X	
<i>Arundinaria gigantea</i>	Giant cane, river cane					X
<i>Chasmanthium latifolium</i>	River oats, sea oats					X
<i>Dichanthelium</i> spp.	Rosette grass, witchgrass				X	
<i>Panicum</i> spp.	Panic grasses				X	
<b>Sedges &amp; Rushes</b>						
<i>Carex lurida</i>	Shallow sedge, lurid sedge		X			
<i>Carex</i> spp.	Sedges			X		
<i>Cyperus strigosus</i>	False nutsedge		X			
<i>Dulichium arundinaceum</i>	Threeway sedge				X	
<i>Fuirena squarrosa</i>	Hairy umbrella-sedge		X			
<i>Juncus brachycephalus</i>	Smallhead rush		X			
<i>Juncus coriaceus</i>	Leathery rush		X			
<i>Juncus</i> spp.	Rushes			X		
<i>Rhynchospora capitellata</i>	Brownish beaksedge		X			
<i>Rhynchospora colorata</i>	Starrush whitetop		X			
<i>Rhynchospora thornei</i>	Thorne's beaksedge		X			
<i>Rhynchospora</i> spp.	Beaksedges				X	
<i>Scirpus atrovirens</i>	Black bullrush		X			
<i>Scirpus cyperinus</i>	Eastern bur-reed		X			