

Avian Habitat Modeling for the SAMBI Designing Sustainable Landscapes Project

Matthew J. Rubino and Steven G. Williams

Biodiversity and Spatial Information Center, NC State University, Raleigh, NC 27695

INTRODUCTION

In support of the Designing Sustainable Landscapes project, avian habitat models were developed for 40 species representing 12 distinct habitat types within the South Atlantic Migratory Bird Initiative region (see Table 1). These models were used to assess the current and future capability of habitats to support sustainable bird populations in the face of complex landscape changes including urban growth and the effects of climate change on sea level rise and plant community succession (<http://www.basic.ncsu.edu/dsl/>).

The basis of the habitat models was derived from the Southeast Gap Analysis Project (<http://www.basic.ncsu.edu/segap/>) which utilized a deductive approach to develop boolean (presence/absence) predictive habitat maps within a species known range (see Appendix A and B for SE-GAP methodology, see Table 2 for species model reports). Models were developed using both ESRI GRID and ERDAS Imagine software. Batch scripting was employed in both software programs to achieve standardization and efficiency. The original SE-GAP habitat models were further refined by the inclusion of vegetative structure (i.e. open, closed) and stand age parameters (i.e. early, mid, late) into both the land cover classification and the habitat association database (see Appendix C and D).

Three scenarios of climate change (A2, A1B, and B1) were incorporated into landscape succession modeling (DSL-SAMBI Landscape reference) and subsequently used as the land cover data input for avian habitat models. All other model input data layers were consistent for each species habitat model. Each scenario has 11 decadal time steps from 2000-2100 resulting in 33 model outputs for each species.

Table 1. Matrix of 40 focal species representing 12 habitats.

Common Name	Scientific Name	Alluvial forested wetland	Beach	Estuary	Freshwater wetland	Grassland	Hardwood / pine mixed forest	Longleaf / slash pine flatwoods and savannas	Maritime forest and shrub-scrub	Mature open pine	Non-alluvial forested wetland	Riparian / mixed mesic forest	Shrub / scrub
American Black Duck	<i>Anas rubripes</i>			X	X								
Acadian Flycatcher	<i>Empidonax vireescens</i>						X						
American Kestrel	<i>Falco sparverius</i>							X					
American Oystercatcher	<i>Haematopus palliatus</i>		X										
Bachman's Sparrow	<i>Aimophila aestivalis</i>							X		X			X
Brown-headed Nuthatch	<i>Sitta pusilla</i>							X		X	X		
Black-throated Green Warbler	<i>Dendroica virens</i>	X									X		
Cerulean Warbler	<i>Dendroica cerulea</i>	X					X					X	
Common Ground-Dove	<i>Columbina passerina</i>								X				
Chuck-will's-widow	<i>Caprimulgus carolinensis</i>										X		
Field Sparrow	<i>Spizella pusilla</i>									X			X
Henslow's Sparrow	<i>Ammodramus henslowii</i>					X		X					X
Hooded Warbler	<i>Wilsonia citrina</i>										X		
Kentucky Warbler	<i>Oporornis formosus</i>						X					X	
King Rail	<i>Rallus elegans</i>				X								
Least Bittern	<i>Ixobrychus exilis</i>				X								
Least Tern	<i>Sterna antillarum</i>		X										
Loggerhead Shrike	<i>Lanius ludovicianus</i>					X		X					
Louisiana Waterthrush	<i>Seiurus motacilla</i>						X					X	
Northern Bobwhite	<i>Colinus virginianus</i>					X		X		X			X
Northern Parula	<i>Parula americana</i>								X		X		
Northern Pintail	<i>Anas acuta</i>				X								
Nelson's Sharp-tailed Sparrow	<i>Ammodramus nelsoni</i>			X									
Painted Bunting	<i>Passerina ciris</i>								X				
Piping Plover	<i>Charadrius melodus</i>		X										
Prairie Warbler	<i>Dendroica discolor</i>							X	X	X			X
Prothonotary Warbler	<i>Protonotaria citrea</i>	X									X		
Red-cockaded Woodpecker	<i>Picoides borealis</i>							X		X	X		
Redhead	<i>Aythya americana</i>			X									
Red knot	<i>Calidris canutus</i>		X										
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>							X			X		
Sandhill Crane	<i>Grus canadensis</i>					X							
Seaside Sparrow	<i>Ammodramus maritimus</i>			X									
Saltmarsh Sharp-tailed Sparrow	<i>Ammodramus caudacutus</i>			X									
Summer Tanager	<i>Piranga rubra</i>												
Swallow-tailed Kite	<i>Elanoides forficatus</i>	X											
Swainson's Warbler	<i>Limothlypis swainsonii</i>	X					X				X	X	
Wood Duck	<i>Aix sponsa</i>	X											
Wood Stork	<i>Mycteria americana</i>			X	X								
Yellow-throated Warbler	<i>Dendroica dominica</i>	X							X		X		

Table 2. SE-GAP species modeling reports for 40 focal species.

Common Name	Scientific Name	Online link to species modeling report
American Black Duck	<i>Anas rubripes</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bABDU.pdf
Acadian Flycatcher	<i>Empidonax vireescens</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bACFL.pdf
American Kestrel	<i>Falco sparverius</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bAMKE.pdf
American Oystercatcher	<i>Haematopus palliatus</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bAMOY.pdf
Bachman's Sparrow	<i>Aimophila aestivalis</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bBACS.pdf
Brown-headed Nuthatch	<i>Sitta pusilla</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bBHNU.pdf
Black-throated Green Warbler	<i>Dendroica virens</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bBTNW.pdf
Cerulean Warbler	<i>Dendroica cerulea</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bCERW.pdf
Common Ground-Dove	<i>Columbina passerina</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bCOGD.pdf
Chuck-will's-widow	<i>Caprimulgus carolinensis</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bCWWI.pdf
Field Sparrow	<i>Spizella pusilla</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bFISP.pdf
Henslow's Sparrow	<i>Ammodramus henslowii</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bHESP.pdf
Hooded Warbler	<i>Wilsonia citrina</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bHOWA.pdf
Kentucky Warbler	<i>Oporornis formosus</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bKEWA.pdf
King Rail	<i>Rallus elegans</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bKIRA.pdf
Least Bittern	<i>Ixobrychus exilis</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bLEBI.pdf
Least Tern	<i>Sterna antillarum</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bLETE.pdf
Loggerhead Shrike	<i>Lanius ludovicianus</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bLOSH.pdf
Louisiana Waterthrush	<i>Seiurus motacilla</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bLOWA.pdf
Northern Bobwhite	<i>Colinus virginianus</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bNOBO.pdf
Northern Parula	<i>Parula americana</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bNOPA.pdf
Northern Pintail	<i>Anas acuta</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bNOPI.pdf
Nelson's Sharp-tailed Sparrow	<i>Ammodramus nelsoni</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bNSTS.pdf
Painted Bunting	<i>Passerina ciris</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bPABU.pdf
Piping Plover	<i>Charadrius melodus</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bPIPL.pdf
Prairie Warbler	<i>Dendroica discolor</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bPRAW.pdf
Prothonotary Warbler	<i>Protonotaria citrea</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bPROW.pdf
Red-cockaded Woodpecker	<i>Picoides borealis</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bRCWO.pdf
Redhead	<i>Aythya americana</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bREDH.pdf
Red knot	<i>Calidris canutus</i>	Not modeled by SE-GAP
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bRHWO.pdf
Sandhill Crane	<i>Grus canadensis</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bSACR.pdf
Seaside Sparrow	<i>Ammodramus maritimus</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bSESP.pdf
Saltmarsh Sharp-tailed Sparrow	<i>Ammodramus caudacutus</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bSSTS.pdf
Summer Tanager	<i>Piranga rubra</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bSUTA.pdf
Swallow-tailed Kite	<i>Elanoides forficatus</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bSTKI.pdf
Swainson's Warbler	<i>Limnithlypis swainsonii</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bSWWA.pdf
Wood Duck	<i>Aix sponsa</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bWODU.pdf
Wood Stork	<i>Mycteria americana</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bWOST.pdf
Yellow-throated Warbler	<i>Dendroica dominica</i>	http://www.basic.ncsu.edu/segap/datazip/reports/SppReport_bYTWA.pdf

Appendix A. Geographic range development for 602 terrestrial vertebrate species of the Southeast Gap Analysis Project

Steven G. Williams¹, Matthew J. Rubino¹, Amy L. Silvano², and Matthew Elliott³

¹Biodiversity and Spatial Information Center, NC State University, Raleigh, NC 27695

²Alabama Gap Analysis Project, Auburn University, Auburn, AL 36839

³Natural Resources Spatial Analysis Lab, University of Georgia, Athens, GA 30602

INTRODUCTION

The United States Geological Survey's (USGS) Gap Analysis Program (GAP) is a scientific method for identifying potential inadequate representation of conservation lands (so-called "gaps") for native vegetative communities and animal species. By mapping existing vegetation and land use; conservation land network boundaries and their degree of biodiversity management; and the predicted distribution of terrestrial vertebrates, GAP seeks to provide managers, planners, scientists, and policy makers with data to make informed decisions regarding the conservation of biological diversity (Scott et al. 1993).

Using gap analysis standard protocols (Csuti and Crist 2000), a list of species is assembled and their geographic range extents delineated. Within the southeastern United States, 606 species were identified for inclusion in the Southeastern Gap Analysis Project (SE-GAP). Range maps were digitized as one or more polygons using a Geographic Information System (GIS). Breeding ranges were delineated for the majority of species (587), but for 26 species (25 birds, mostly waterfowl, and one bat); their wintering range only was delineated. Additionally, seven species had their wintering range delineated separately from their breeding range (five species of waterfowl and two bats). A total of 613 digital range maps were created depicting species' breeding and/or wintering ranges. These range maps serve as boundary limiters in subsequent predicted distribution modeling (see Appendix B for methods describing predicted distribution modeling and mapping). Range maps also help both the modelers and model reviewers visualize species' land cover associations, particularly for species with geographically distinct populations. In addition to their utility for gap analysis, these ranges are a stand alone product available to wildlife managers, and researchers.

METHODS

Processes used to create range polygons were unique because information on the current geographic range of a species varies widely. However, a generalized approach used a variety of sources to develop species' ranges. These sources consisted of information in two broad categories: species location records and range maps available digitally and in print, and digital spatial data of environmental parameters. Generally, sources listed below were consulted either as a simple visual representation or in GIS format. Source data available digitally was brought into the GIS through a common geographic projection and coordinate system. Combinations of source data were viewed, extracted, and manipulated to approximate species ranges. Additional generalizations of polygons were digitized to accommodate supplemental data not available digitally. All digital data were conflated to create one or more polygons defining the individual species' range.

Location Records and Range Maps

Standard Published Sources

For most species, several sources were consulted to initiate range development. These sources initially included field guides, breeding bird atlases, and taxa specific compilations containing graphical depictions and/or text descriptions of the geographic range of a given species (e.g. Petranka (1998) or Simpson (1992)). These “standard” sources were altered and augmented (or in some instances disregarded) with additional information from more recent sources if available.

Since species taxonomy can change over time (e.g. splitting and lumping species and/or subspecies), a number of species required in depth analyses and the input of expert opinion. In these instances, an effort was made to find the most recent information available to help delineate a polygon. These sources could be consultation with an expert intimately familiar with the species, its taxonomy and natural history, and/or materials published in relevant peer reviewed journals or books.

Hexagon Ranges

State GAP analyses had been conducted previously for almost all of the 606 species. The exceptions were most often species whose taxonomy has changed based on more recent phylogenetic studies. Hexagon ranges are created as a part of each state GAP process. These hexagons are derived from the Environmental Protection Agency’s Environmental Monitoring and Assessment Program (EMAP) where the North American continent has been divided into ~ 650 km² equal area hexagons (White et al. 1992, U.S. EPA 2007). Using various databases and point location records from museums, state natural heritage programs, published material, expert observation, and various other sources, statewide EMAP hexagons were attributed with occurrence codes ranging from 1 to 5 indicating a gradient from presence to absence for each species (see individual state GAP project reports for hexagon range development process details). These hexagon ranges were helpful in broad delineation of polygons. Hexagon codes defining occurrence differ between state GAP projects. However, it was possible to merge hexagons between states and conflate codes. Only hexagons coded as confirmed, predicted, or possible (or similarly stated code definitions) were used. In general, these definitions corresponded to codes of 1, 2, or 3.

Unpublished Reference Materials

Some state and local agencies have data not available to the public or in draft format not yet compiled for publication or distribution. An effort was made for cooperative agreements to share these data. For instance, GA and AL breeding bird atlas data was used to help define polygon ranges for bird species with all or a portion of their range in those states, even though these data at the time, were not yet available for distribution.

Environmental Data Sources

Data developed by state and national agencies were helpful to delineate polygon range boundaries for certain species. These data exist at a variety of spatial scales and represent a wide series of biological, physiographic, and environmental components of the aquatic and terrestrial landscape. Since species exist and function in this landscape, it is natural to assume that they would respond to gradients that can be mapped. These data sources were utilized in polygon range delineation only for species that are

explicitly limited by such variables. In most instances, a combination of these data layers were used to help delineate all (rarely), or a portion of the species' range.

Ecoregions

Omernik (1987, 1995) ecoregions were used to help define polygon boundaries for some species when appropriate. These ecoregion polygons were developed through an analysis of biotic and abiotic patterns relating to ecosystem differentiation. They were digitized from base maps that ranged in scale from 1:1,000,000 to 1:250,000. Some species are clearly restricted to the physiographic and geographic patterns and boundaries that ecoregions define. For these species, ecoregions were used as all or a portion of the polygon(s) delineation. If there was a doubt as to the limitations imposed by such boundaries, ecoregions were not used.

Hydrologic Unit Codes

The USGS has divided the country into hydrologic units of progressively smaller size representing boundaries of a surface water drainage basin and/or distinctive hydrologic features (Seaber et al. 1987). The smallest (1:250,000 to 1:100,000 scale) of these polygon data currently available nationwide are termed cataloging units and have unique, 8-digit identification numbers (HUC). It is known that some species are limited to certain watersheds, particularly those that have a life cycle closely dependent on flowing water. For these and similar species, the boundaries of 8-digit HUCs were used to help delineate all or a portion of the range.

National Elevation Dataset

The USGS has collected the "best available" elevation data into a national product termed the National Elevation Dataset. These data represent digital elevation models (DEMs) developed at a 30m spatial resolution. Each 1:24,000 scale quadrangle was compiled as a seamless mosaic from data derived using varying processes (USGS 1999a). While some ecoregions are also defined at least in some part by elevation, there are several species for which specific elevation values are noted in the literature. For species whose range can be limited by elevation, DEMs were helpful in defining boundaries. This is particularly true for species whose range includes at least a portion of the mountainous regions of the Southeast.

Soils

State geographic soils database soil units polygons were developed by the U.S. Department of Agriculture's Natural Resource Conservation Service at a scale of 1:250,000 for the conterminous U.S. (USDA 1995). Although ecoregions consider soils as an abiotic factor in their delineation, for certain species it was necessary to focus more narrowly on soil type to help define a range polygon. For species whose habitat requirements are restricted to certain soil types (particularly some reptiles), soil polygons were used to help delineate all or a portion of their range.

National Hydrography Dataset

The USGS National Hydrography Dataset is data containing information about the country's surface water features, including streams, lakes, ponds, and rivers (USGS 1999b). The data are derived from Digital Line Graphs (USGS 1989, 1990) at scales ranging from 1:100,000 to 1:24,000. Smaller sized and

aquatic dependent species are, in some instances, limited by flowing water bodies. These features, particularly large rivers, were used to define portions of species' ranges.

LITERATURE CITED

- Csuti, B., and P. Crist. 2000. Methods for developing terrestrial vertebrate distribution maps for Gap Analysis. Version 2.0.0 (16 February 2000). A handbook for conducting Gap Analysis. Accessed 20 December 2007 from <http://www.gapanalysis.nbii.gov>.
- Omernik, J.M. 1987. Ecoregions of the conterminous United States. Map (scale 1:7,500,000). *Annals of the Association of American Geographers* 77(1):118-125.
- Omernik, J.M. 1995. Ecoregions: A spatial framework for environmental management. In: *Biological Assessment and Criteria: Tools for Water Resource Planning and Decision Making*. Davis, W.S. and T.P. Simon (eds.) Lewis Publishers, Boca Raton, FL. Pp. 49-62.
- Petranka, J.W. 1998. *Salamanders of the United States and Canada*. Smithsonian Institution Press, Washington DC and London.
- Scott, J.M., F. Davis, B. Csuti, R. Noss, B. Butterfield, C. Groves, H. Anderson, S. Caicco, F. D'Erchia, T.C. Edwards, Jr., J. Ulliman, and G. Wright. 1993. Gap analysis: A geographic approach to protection of biological diversity. *Wildlife Monographs* 123.
- Seaber, P.R., Kapinos, F.P., and Knapp, G.L., 1987. Hydrologic Unit Maps: U.S. Geological Survey Water-Supply Paper 2294, 63 p.
- Simpson, M.B. 1992. *Birds of the Blue Ridge Mountains*. The University of North Carolina Press, Chapel Hill, NC.
- U.S. Department of Agriculture. 1995. State soil geographic (STATSGO) data base, data use information. NRCS National Soil Survey Center Miscellaneous Publication # 1492.
- U.S. Environmental Protection Agency. 2007. Environmental Monitoring and Assessment Program. Accessed 20 December 2007 from <http://www.epa.gov/emap/>.
- U.S. Geological Survey. 1989. Digital line graphs from 1:100,000-scale maps--data users guide 2: Reston, Virginia, U.S. Geological Survey, 88 p.
- U.S. Geological Survey. 1990. Digital line graphs from 1:24,000-scale maps--data users guide 1: Reston, Virginia, U.S. Geological Survey, 107 p.
- U.S. Geological Survey. 1999a. National Elevation Dataset. Fact Sheet. Report number 148-99.
- U.S. Geological Survey. 1999b. National Hydrography Dataset. Fact Sheet. Report number 106-99.
- White D, Kimerling J, Overton, S. 1992. Cartographics and geometric components of a global sampling design for environmental monitoring. *Cartography and Geographic Information Systems* 19(1): 5-21.

Appendix B. Predicted distribution model development for 602 terrestrial vertebrate species of the Southeast Gap Analysis Project

Steven G. Williams¹, Matthew J. Rubino¹, Amy L. Silvano², Kacy Cook³ and Stacy Smith³

¹Biodiversity and Spatial Information Center, NC State University, Raleigh, NC 27695

²Alabama Gap Analysis Project, Auburn University, Auburn, AL 36839

³Natural Resources Spatial Analysis Lab, University of Georgia, Athens, GA 30602

INTRODUCTION

The United States Geological Survey's (USGS) Gap Analysis Program (GAP) is a scientific method for identifying potential inadequate representation of conservation lands (so-called "gaps") for native vegetative communities and animal species. By mapping existing vegetation and land use; conservation land network boundaries and their degree of biodiversity management; and the predicted distribution of terrestrial vertebrates, GAP seeks to provide managers, planners, scientists, and policy makers with data to make informed decisions regarding the conservation of biological diversity (Scott et al. 1993).

Using gap analysis standard protocols (Csuti and Crist 2000), a list of species is assembled and their geographic range extents delineated. Species-habitat associations are then compiled outlining potential relationships with mappable data. Within the southeastern United States, 606 species were identified for inclusion in the Southeastern Gap Analysis Project (SE-GAP). A total of 613 digital range maps were created depicting species' breeding and/or wintering ranges (see Appendix A for methods describing digital range creation). Digital raster datasets of species' predicted distributions represented as presence/absence were developed for each of the 613 ranges.

METHODS

Wildlife-Habitat Relationship Database and Land Cover Data

A wildlife-habitat relationship database was developed to organize information describing species' habitat associations compiled from the primary literature, field guides, reports, and other published sources. The goal of these activities was to define, for each species, potential habitat available during the species' breeding and/or wintering periods in a way that enabled the automated production of maps predicting their presence and absence. The database maintained knowledge of relationships between species occurrences and multiple landscape descriptions via related data tables. Land cover descriptions were coded for species presence in order to add area to species maps where the species were predicted to occur. All species were linked to one or more land cover descriptions. These descriptions consisted of 245 unique classes based on NatureServe ecological systems (Comer et al. 2003), some of which were defined in consultation with SE-GAP personnel. For each species, land cover classes were coded as either a primary association (i.e., considered critical for nesting, rearing young, and/or optimal foraging) or auxiliary (i.e., considered complementary when in proximity to primary land cover classes).

Ancillary Data

Several other landscape descriptions were used as ancillary decision rules to reduce the area where species were predicted to occur. These were either separate datasets or derivatives of land cover data.

Elevation

Some species respond to environments directly related to altitudinal variation. Elevation is easily implemented in spatial modeling by limiting the model to minimum and/or maximum values explicitly stated in the literature. SE-GAP utilized the USGS compiled National Elevation Dataset (NED) as a primary source (USGS 1999a). However, because of the varying quality of the NED, it was necessary to incorporate other datasets to create an improved, region wide product. These included data from NASA's Shuttle Radar Topography Mission at 30 m resolution (Farr et al. 2007), Light Detection and Ranging data from the North Carolina Floodplain Mapping Program, and hypsography data from the USGS's Digital Line Graphs at 1:24,000 and 1:100,000 scales (USGS 1989, 1990). Areas of inconsistent, erroneous, or systematically flawed data were identified visually and "tagged" for fixing. A number of algorithms were then used to reassign elevation values using interpolations based on the higher quality data. This essentially promoted the best available information for a given area using a number of sources, as opposed to re-interpolating data from the same flawed source.

Hydrography

SE-GAP used a number of water related data layers to refine species models. These include water type (i.e. flowing or open/standing), distance to and from water, and stream flow and underlying gradient. Hydrographic data were based on a modified version of the USGS National Hydrography Dataset (NHD) (USGS 1999b). A number of researchers have noted inaccuracies and inconsistencies associated with the NHD and its source data (Morisawa 1957, Werritty 1972, Miller et al. 1999, Hansen 2001, Firman and Jacobs 2002, Heine et al. 2004). To address these issues, SE-GAP utilized the NED digital elevation model (DEM) to normalize feature representation through algorithms that incorporated topographic derivatives including, flow accumulation, flow direction, and slope. Flow accumulation algorithms using DEMs calculate flow direction and aggregation of each grid cell compared with its eight adjacent neighbors. SE-GAP divided the study region based on majority cell slope by watershed catchment in three categories: 0% slope, > 0 and < 30 % slope, and > 30% slope. These three categories roughly correspond to the Coastal Plain, Piedmont, and Mountain regions of the southeastern US. Stream delineation using flow accumulation grids is simply a matter of defining an accumulation threshold. In essence this threshold is akin to setting a minimum area required to initiate flowing surface water. Open water bodies (lakes, reservoirs, ocean, etc...) were represented using a conflation of NHD and land cover water classes.

Landforms

Species predicted distributions were occasionally restricted using one or more of 11 categories of landform. Landforms are derived from the modified NED, ecoregions and hydrography using a complex model of slope, aspect, location, elevation, flow direction and accumulation, a topographic relative moisture index, and a variety of other interpolated data. These are meant to incorporate a mixture of environmental inputs important for species. Landform categories included cliffs, steep slopes, slope crests, side slopes, upper slopes, flat summits, coves, slope bottoms, moist flats, dry flats, and wet flats.

Edge/Ecotones

The edge or ecotone between forested and non-forested environments can be a critical aspect of the habitat landscape. SE-GAP grouped land cover map units into forested, non-forested, and shrubland/woodland land cover types to create unique data layers. Aggregated map units were then compared and contrasted to identify areas of transition between these broad categories. They were also used to identify “core” areas or contiguous blocks of similar type (i.e. interior) through buffering procedures.

Anthropogenic Environments

SE-GAP created a three-tiered urban/avoidance data layer using a combination of road density and three land cover map units of development intensity. In effect, the derived data layer acts as an index for a species’ intolerance to human environments. However, some species respond favorably to human habitats. In this later case, the data layer was used in an inclusionary manner.

Patch Size

The type and size of habitat clusters can be assessed with GIS and spatial modeling. As a final step to the distribution modeling process, SE-GAP used these parameters for species shown to require minimum amounts of habitat. This includes not only directly adjacent habitats, but those that are contextually adjacent. Both these parameters are utilized as the final step in a predicted distribution and therefore incorporate all other decision rules. The patch size decision rule was implemented in two different ways – either as contiguous or non-contiguous patches. The contiguous patch size rule limited occupancy predictions to patches defined by contiguous ‘presence’ cells exceeding a minimum size. The non-contiguous patch size rule limited occupancy predictions to ‘presence’ cells exceeding a specified density within a specified area (e.g., 20% within 10 ha).

LITERATURE CITED

- Comer, P., D. Faber-Langendoen, R. Evans, S. Gawler, C. Josse, G. Kittel, S. Menard, M. Pyne, M. Reid, K. Schulz, K. Snow, and J. Teague. 2003. Ecological Systems of the United States: A Working Classification of U.S. Terrestrial Systems. NatureServe, Arlington, Virginia.
- Csuti, B., and P. Crist. 2000. Methods for developing terrestrial vertebrate distribution maps for Gap Analysis. Version 2.0.0 (16 February 2000). A handbook for conducting Gap Analysis. Accessed 20 December 2007 from <http://www.gapanalysis.nbi.gov>.
- Farr, T. G., et al. 2007. The Shuttle Radar Topography Mission. Reviews of Geophysics 45, RG2004, doi:10.1029/2005RG000183.
- Firman, J. C., and S. E. Jacobs. 2002. Comparison of stream reach lengths measured in the field and from maps. North American Journal of Fisheries Management 22 (4), 1325–1328.
- Miller, S. D. Guertin, and L. Levick. 1999. Influences of map scale on drainage network representation. Hydrology and Water Resources in Arizona and the Southwest 29, 7–15.

- Morisawa, M. 1957. Accuracy of determination of stream lengths from topographic maps. *Transactions, American Geophysical Union* 38, 86–88.
- Hansen, W. F., 2001. Identifying stream types and management implications. *Forest Ecology and Management* 143 (1-3), 39–46.
- Heine, R. A., C. L. Lant, and R. R. Sengupta. 2004. Development and comparison of approaches for 71 automated mapping of stream channel networks. *Annals of the Association of American Geographers* 94 (3), 477–490.
- Omernik, J.M. 1987. Ecoregions of the conterminous United States. Map (scale 1:7,500,000). *Annals of the Association of American Geographers* 77(1):118-125.
- Omernik, J.M. 1995. Ecoregions: A spatial framework for environmental management. In: *Biological Assessment and Criteria: Tools for Water Resource Planning and Decision Making*. Davis, W.S. and T.P. Simon (eds.) Lewis Publishers, Boca Raton, FL. Pp. 49-62.
- Paybins, K. 2002. Flow origin, drainage area, and hydrologic characteristics for headwater streams in the mountaintop coal-mining region of southwest Virginia, 2000-01. *Water-Resources Investigations Report 02-4300*, U.S. Geological Survey.
- Scott, J. M., F. Davis, F. Csuti, R. Noss, B. Butterfield, C. Groves, H. Anderson, S. Caicco, F. D'Erchia, T. C. Edwards, Jr., J. Ulliman, and G. Wright. 1993. Gap analysis: A geographic approach to protection of biological diversity. *Wildlife Monographs* 123.
- U. S. Geological Survey. 1989. Digital line graphs from 1: 100,000-scale maps—data user's guide 2: Reston, Virginia, U. S. Geological Survey, 88 pp.
- U. S. Geological Survey. 1990. Digital line graphs from 1: 24,000-scale maps—data user's guide 1: Reston, Virginia, U. S. Geological Survey, 107 pp.
- U. S. Geological Survey. 1999a. National Hydrography Dataset. Fact Sheet. Report number 106-99.
- U. S. Geological Survey. 1999b National Elevation Dataset. Fact Sheet. Report number 148-99.
- Werritty, A. 1972. Accuracy of stream link lengths derived from maps. *Water Resources Research*. 8 (5), 1255-1264.

Appendix C. Primary Land Cover Habitat Model Parameters for Avian Species.

SppC	State ClassID	Name	structure name	stage name	strSysElCode
B bABDU	218331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	late	CES203.247a
B bABDU	118311	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	early succ	early	CES203.247a
B bABDU	318311	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	early	CES203.247a
B bABDU	318331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	late	CES203.247a
B bABDU	214431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	late	CES203.248
B bABDU	114411	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	early succ	early	CES203.248
B bABDU	314431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	late	CES203.248
B bABDU	121311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	early	CES203.376
B bABDU	1213	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.376
B bABDU	321311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
B bABDU	321312	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
B bABDU	321411	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	early	CES203.259
B bABDU	124611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	early succ	early	CES203.260
B bABDU	324611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	early	CES203.260
B bABDU	221932	Atlantic Coastal Plain Large Natural Lakeshore	closed	late	CES203.044
B bABDU	121911	Atlantic Coastal Plain Large Natural Lakeshore	early succ	early	CES203.044
B bABDU	215131	Atlantic Coastal Plain Northern Basin Swamp and Wet Hardwood Forest	closed	late	CES203.520
B bABDU	115111	Atlantic Coastal Plain Northern Basin Swamp and Wet Hardwood Forest	early succ	early	CES203.520
B bABDU	315111	Atlantic Coastal Plain Northern Basin Swamp and Wet Hardwood Forest	open	early	CES203.520
B bABDU	316311	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	early	CES203.516
B bABDU	316312	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	early	CES203.516
B bABDU	217731	Atlantic Coastal Plain Northern Tidal Wooded Swamp	closed	late	CES203.282
B bABDU	117711	Atlantic Coastal Plain Northern Tidal Wooded Swamp	early succ	early	CES203.282
B bABDU	317731	Atlantic Coastal Plain Northern Tidal Wooded Swamp	open	late	CES203.282
B bABDU	218531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	late	CES203.249
B bABDU	118511	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	early succ	early	CES203.249
B bABDU	318511	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	early	CES203.249
B bABDU	318531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	late	CES203.249
B bABDU	215431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	late	CES203.250
B bABDU	115411	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	early succ	early	CES203.250
B bABDU	315411	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	early	CES203.250
B bABDU	315431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	late	CES203.250
B bABDU	1111	Open Water (Fresh)	early succ	n/a	SEGAP111
W bABDU	121711	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	early	CES203.258
W bABDU	1217	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	n/a	CES203.258
W bABDU	118311	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	early succ	early	CES203.247a
W bABDU	318311	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	early	CES203.247a
W bABDU	114411	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	early succ	early	CES203.248
W bABDU	121311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	early	CES203.376
W bABDU	1213	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.376
W bABDU	321311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
W bABDU	321312	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
W bABDU	321321	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
W bABDU	321322	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
W bABDU	118211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	early succ	early	CES203.270
W bABDU	318211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
W bABDU	318212	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
W bABDU	318221	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270
W bABDU	318222	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270
W bABDU	119011	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	early succ	early	CES203.245a
W bABDU	122521	Atlantic Coastal Plain Clay-Based Carolina Bay Herbaceous Wetland	early succ	mid	CES203.245b
W bABDU	1225	Atlantic Coastal Plain Clay-Based Carolina Bay Herbaceous Wetland	early succ	n/a	CES203.245b
W bABDU	322521	Atlantic Coastal Plain Clay-Based Carolina Bay Herbaceous Wetland	open	mid	CES203.245b
W bABDU	1318	Atlantic Coastal Plain Depression Pondshore	early succ	n/a	CES203.262
W bABDU	121411	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	early succ	early	CES203.259
W bABDU	321411	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	early	CES203.259
W bABDU	321421	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	mid	CES203.259
W bABDU	321422	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	mid	CES203.259
W bABDU	124611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	early succ	early	CES203.260
W bABDU	324611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	early	CES203.260
W bABDU	324621	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	mid	CES203.260
W bABDU	324622	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	mid	CES203.260
W bABDU	121911	Atlantic Coastal Plain Large Natural Lakeshore	early succ	early	CES203.044
W bABDU	321921	Atlantic Coastal Plain Large Natural Lakeshore	open	mid	CES203.044
W bABDU	115111	Atlantic Coastal Plain Northern Basin Swamp and Wet Hardwood Forest	early succ	early	CES203.520
W bABDU	315111	Atlantic Coastal Plain Northern Basin Swamp and Wet Hardwood Forest	open	early	CES203.520
W bABDU	316011	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	early	CES203.264
W bABDU	316021	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
W bABDU	316022	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
W bABDU	316311	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	early	CES203.516
W bABDU	316312	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	early	CES203.516
W bABDU	316321	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	mid	CES203.516
W bABDU	316322	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	mid	CES203.516
W bABDU	124811	Atlantic Coastal Plain Northern Tidal Salt Marsh	early succ	early	CES203.519

SppC	State ClassID	Name	structure name	stage name	strSysElCode
W bABDU	324811	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	early	CES203.519
W bABDU	324821	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	mid	CES203.519
W bABDU	324822	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	mid	CES203.519
W bABDU	117711	Atlantic Coastal Plain Northern Tidal Wooded Swamp	early succ	early	CES203.282
W bABDU	117911	Atlantic Coastal Plain Peatland Pocosin	early succ	early	CES203.267
W bABDU	317911	Atlantic Coastal Plain Peatland Pocosin	open	early	CES203.267
W bABDU	118511	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	early succ	early	CES203.249
W bABDU	318511	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	early	CES203.249
W bABDU	115411	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	early succ	early	CES203.250
W bABDU	315411	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	early	CES203.250
W bABDU	315421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	mid	CES203.250
W bABDU	315911	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	early	CES203.273
W bABDU	315921	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
W bABDU	315922	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
W bABDU	115311	Atlantic Coastal Plain Southern Tidal Wooded Swamp	early succ	early	CES203.240
W bABDU	118411	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	early succ	early	CES203.252
W bABDU	117111	Atlantic Coastal Plain Xeric River Dune	early succ	early	CES203.497
W bABDU	317131	Atlantic Coastal Plain Xeric River Dune	open	late	CES203.497
W bABDU	317121	Atlantic Coastal Plain Xeric River Dune	open	mid	CES203.497
W bABDU	114131	East Gulf Coastal Plain Dune and Coastal Grassland	early succ	late	CES203.500
W bABDU	114121	East Gulf Coastal Plain Dune and Coastal Grassland	early succ	mid	CES203.500
W bABDU	114811	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	early succ	early	CES203.489a
W bABDU	114611	East Gulf Coastal Plain Small Stream and River Floodplain Forest	early succ	early	CES203.559
W bABDU	1324	East Gulf Coastal Plain Southern Depression Pondshore	early succ	n/a	CES203.504
W bABDU	125011	East Gulf Coastal Plain Tidal Wooded Swamp	early succ	early	CES203.299
W bABDU	1216	Florida Big Bend Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.507
W bABDU	1249	Florida Big Bend Salt-Brackish Tidal Marsh	early succ	n/a	CES203.508
W bABDU	122811	Floridian Highlands Freshwater Marsh	early succ	early	CES203.077
W bABDU	114011	Mississippi River Riparian Forest	early succ	early	CES203.190
W bABDU	1112	Open Water (Brackish/Salt)	early succ	n/a	SEGAP112
W bABDU	1111	Open Water (Fresh)	early succ	n/a	SEGAP111
W bABDU	1207	South Florida Mangrove Swamp	early succ	n/a	CES411.289
W bABDU	114711	Southern Coastal Plain Blackwater River Floodplain Forest	early succ	early	CES203.493
W bABDU	314711	Southern Coastal Plain Blackwater River Floodplain Forest	open	early	CES203.493
W bABDU	123111	Southern Coastal Plain Herbaceous Seepage Bog	early succ	early	CES203.078
W bABDU	115011	Southern Coastal Plain Nonriverine Basin Swamp	early succ	early	CES203.384
W bABDU	315011	Southern Coastal Plain Nonriverine Basin Swamp	open	early	CES203.384
W bABDU	137011	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	early succ	early	CES203.384b
W bABDU	137811	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Clethra Modifier	early succ	early	CES203.384e
W bABDU	137711	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Nuphar Modifier	early succ	early	CES203.384d
W bABDU	137111	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Pine Modifier	early succ	early	CES203.384c
W bABDU	118011	Southern Coastal Plain Seepage Swamp and Baygall	early succ	early	CES203.505
W bABDU	116511	Southern Piedmont Large Floodplain Forest - Forest Modifier	early succ	early	CES202.324a
W bABDU	116811	Southern Piedmont Small Floodplain and Riparian Forest	early succ	early	CES202.323
B bWODU	218331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	late	CES203.247a
B bWODU	218321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	mid	CES203.247a
B bWODU	318331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	late	CES203.247a
B bWODU	318321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	mid	CES203.247a
B bWODU	214431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	late	CES203.248
B bWODU	214421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	mid	CES203.248
B bWODU	314431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	late	CES203.248
B bWODU	314421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	mid	CES203.248
B bWODU	219031	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	closed	late	CES203.245a
B bWODU	219032	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	closed	late	CES203.245a
B bWODU	219021	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	closed	mid	CES203.245a
B bWODU	319031	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	open	late	CES203.245a
B bWODU	319021	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	open	mid	CES203.245a
B bWODU	221932	Atlantic Coastal Plain Large Natural Lakeshore	closed	late	CES203.044
B bWODU	321921	Atlantic Coastal Plain Large Natural Lakeshore	open	mid	CES203.044
B bWODU	217831	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	late	CES203.304b
B bWODU	217832	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	late	CES203.304b
B bWODU	217821	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	mid	CES203.304b
B bWODU	217822	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	mid	CES203.304b
B bWODU	317831	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	late	CES203.304b
B bWODU	317821	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	mid	CES203.304b
B bWODU	215231	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	late	CES203.304a
B bWODU	215232	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	late	CES203.304a
B bWODU	215221	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	mid	CES203.304a
B bWODU	215222	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	mid	CES203.304a
B bWODU	215131	Atlantic Coastal Plain Northern Basin Swamp and Wet Hardwood Forest	closed	late	CES203.520
B bWODU	215121	Atlantic Coastal Plain Northern Basin Swamp and Wet Hardwood Forest	closed	mid	CES203.520
B bWODU	217931	Atlantic Coastal Plain Peatland Pocosin	closed	late	CES203.267
B bWODU	217921	Atlantic Coastal Plain Peatland Pocosin	closed	mid	CES203.267
B bWODU	317931	Atlantic Coastal Plain Peatland Pocosin	open	late	CES203.267
B bWODU	317921	Atlantic Coastal Plain Peatland Pocosin	open	mid	CES203.267
B bWODU	218531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	late	CES203.249
B bWODU	218521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	mid	CES203.249
B bWODU	318531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	late	CES203.249

SppC	State ClassID	Name	structure name	stage name	strSysElCode
B bWODU	318521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	mid	CES203.249
B bWODU	215431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	late	CES203.250
B bWODU	215421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	mid	CES203.250
B bWODU	315431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	late	CES203.250
B bWODU	315421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	mid	CES203.250
B bWODU	218431	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	closed	late	CES203.252
B bWODU	218421	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	closed	mid	CES203.252
B bWODU	318431	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	open	late	CES203.252
B bWODU	318421	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	open	mid	CES203.252
B bWODU	217131	Atlantic Coastal Plain Xeric River Dune	closed	late	CES203.497
B bWODU	217121	Atlantic Coastal Plain Xeric River Dune	closed	mid	CES203.497
B bWODU	317131	Atlantic Coastal Plain Xeric River Dune	open	late	CES203.497
B bWODU	317121	Atlantic Coastal Plain Xeric River Dune	open	mid	CES203.497
B bWODU	214831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	late	CES203.489a
B bWODU	214821	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	mid	CES203.489a
B bWODU	314831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	open	late	CES203.489a
B bWODU	214631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	late	CES203.559
B bWODU	214621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	mid	CES203.559
B bWODU	314631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	late	CES203.559
B bWODU	314621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	mid	CES203.559
B bWODU	222831	Floridian Highlands Freshwater Marsh	closed	late	CES203.077
B bWODU	222832	Floridian Highlands Freshwater Marsh	closed	late	CES203.077
B bWODU	222821	Floridian Highlands Freshwater Marsh	closed	mid	CES203.077
B bWODU	222822	Floridian Highlands Freshwater Marsh	closed	mid	CES203.077
B bWODU	214031	Mississippi River Riparian Forest	closed	late	CES203.190
B bWODU	214021	Mississippi River Riparian Forest	closed	mid	CES203.190
B bWODU	1111	Open Water (Fresh)	early succ	n/a	SEGAP111
B bWODU	214731	Southern Coastal Plain Blackwater River Floodplain Forest	closed	late	CES203.493
B bWODU	214721	Southern Coastal Plain Blackwater River Floodplain Forest	closed	mid	CES203.493
B bWODU	314731	Southern Coastal Plain Blackwater River Floodplain Forest	open	late	CES203.493
B bWODU	223131	Southern Coastal Plain Herbaceous Seepage Bog	closed	late	CES203.078
B bWODU	223121	Southern Coastal Plain Herbaceous Seepage Bog	closed	mid	CES203.078
B bWODU	215031	Southern Coastal Plain Nonriverine Basin Swamp	closed	late	CES203.384
B bWODU	215021	Southern Coastal Plain Nonriverine Basin Swamp	closed	mid	CES203.384
B bWODU	237031	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	closed	late	CES203.384b
B bWODU	237021	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	closed	mid	CES203.384b
B bWODU	137711	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Nuphar Modifier	early succ	early	CES203.384d
B bWODU	237131	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Pine Modifier	closed	late	CES203.384c
B bWODU	237121	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Pine Modifier	closed	mid	CES203.384c
B bWODU	218031	Southern Coastal Plain Seepage Swamp and Baygall	closed	late	CES203.505
B bWODU	218021	Southern Coastal Plain Seepage Swamp and Baygall	closed	mid	CES203.505
B bWODU	318031	Southern Coastal Plain Seepage Swamp and Baygall	open	late	CES203.505
B bWODU	318021	Southern Coastal Plain Seepage Swamp and Baygall	open	mid	CES203.505
B bWODU	216531	Southern Piedmont Large Floodplain Forest - Forest Modifier	closed	late	CES202.324a
B bWODU	216521	Southern Piedmont Large Floodplain Forest - Forest Modifier	closed	mid	CES202.324a
B bWODU	316531	Southern Piedmont Large Floodplain Forest - Forest Modifier	open	late	CES202.324a
B bWODU	316521	Southern Piedmont Large Floodplain Forest - Forest Modifier	open	mid	CES202.324a
B bWODU	216821	Southern Piedmont Small Floodplain and Riparian Forest	closed	mid	CES202.323
B bWODU	316831	Southern Piedmont Small Floodplain and Riparian Forest	open	late	CES202.323
B bWODU	316821	Southern Piedmont Small Floodplain and Riparian Forest	open	mid	CES202.323
W bWODU	121711	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	early	CES203.258
W bWODU	1217	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	n/a	CES203.258
W bWODU	218331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	late	CES203.247a
W bWODU	218321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	mid	CES203.247a
W bWODU	318331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	late	CES203.247a
W bWODU	318321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	mid	CES203.247a
W bWODU	214431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	late	CES203.248
W bWODU	214421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	mid	CES203.248
W bWODU	314431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	late	CES203.248
W bWODU	314421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	mid	CES203.248
W bWODU	121311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	early	CES203.376
W bWODU	1213	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.376
W bWODU	321311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
W bWODU	321312	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
W bWODU	321321	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
W bWODU	321322	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
W bWODU	219031	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	closed	late	CES203.245a
W bWODU	219032	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	closed	late	CES203.245a
W bWODU	219021	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	closed	mid	CES203.245a
W bWODU	319031	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	open	late	CES203.245a
W bWODU	319021	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	open	mid	CES203.245a
W bWODU	122521	Atlantic Coastal Plain Clay-Based Carolina Bay Herbaceous Wetland	early succ	mid	CES203.245b
W bWODU	1225	Atlantic Coastal Plain Clay-Based Carolina Bay Herbaceous Wetland	early succ	n/a	CES203.245b
W bWODU	322521	Atlantic Coastal Plain Clay-Based Carolina Bay Herbaceous Wetland	open	mid	CES203.245b
W bWODU	1318	Atlantic Coastal Plain Depression Pondshore	early succ	n/a	CES203.262
W bWODU	121411	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	early succ	early	CES203.259
W bWODU	321411	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	early	CES203.259
W bWODU	321421	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	mid	CES203.259

SppC	State ClassID	Name	structure name	stage name	strSysElCode
W bWODU	321422	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	mid	CES203.259
W bWODU	221932	Atlantic Coastal Plain Large Natural Lakeshore	closed	late	CES203.044
W bWODU	121911	Atlantic Coastal Plain Large Natural Lakeshore	early succ	early	CES203.044
W bWODU	321921	Atlantic Coastal Plain Large Natural Lakeshore	open	mid	CES203.044
W bWODU	217831	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	late	CES203.304b
W bWODU	217832	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	late	CES203.304b
W bWODU	217821	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	mid	CES203.304b
W bWODU	217822	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	mid	CES203.304b
W bWODU	317831	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	late	CES203.304b
W bWODU	317821	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	mid	CES203.304b
W bWODU	215231	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	late	CES203.304a
W bWODU	215232	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	late	CES203.304a
W bWODU	215221	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	mid	CES203.304a
W bWODU	215222	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	mid	CES203.304a
W bWODU	215131	Atlantic Coastal Plain Northern Basin Swamp and Wet Hardwood Forest	closed	late	CES203.520
W bWODU	215121	Atlantic Coastal Plain Northern Basin Swamp and Wet Hardwood Forest	closed	mid	CES203.520
W bWODU	316311	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	early	CES203.516
W bWODU	316312	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	early	CES203.516
W bWODU	316321	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	mid	CES203.516
W bWODU	316322	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	mid	CES203.516
W bWODU	217931	Atlantic Coastal Plain Peatland Pocosin	closed	late	CES203.267
W bWODU	217921	Atlantic Coastal Plain Peatland Pocosin	closed	mid	CES203.267
W bWODU	317931	Atlantic Coastal Plain Peatland Pocosin	open	late	CES203.267
W bWODU	317921	Atlantic Coastal Plain Peatland Pocosin	open	mid	CES203.267
W bWODU	218531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	late	CES203.249
W bWODU	218521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	mid	CES203.249
W bWODU	318531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	late	CES203.249
W bWODU	318521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	mid	CES203.249
W bWODU	215431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	late	CES203.250
W bWODU	215421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	mid	CES203.250
W bWODU	315431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	late	CES203.250
W bWODU	218431	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	closed	late	CES203.252
W bWODU	218421	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	closed	mid	CES203.252
W bWODU	318431	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	open	late	CES203.252
W bWODU	318421	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	open	mid	CES203.252
W bWODU	217131	Atlantic Coastal Plain Xeric River Dune	closed	late	CES203.497
W bWODU	217121	Atlantic Coastal Plain Xeric River Dune	closed	mid	CES203.497
W bWODU	117111	Atlantic Coastal Plain Xeric River Dune	early succ	early	CES203.497
W bWODU	317131	Atlantic Coastal Plain Xeric River Dune	open	late	CES203.497
W bWODU	317121	Atlantic Coastal Plain Xeric River Dune	open	mid	CES203.497
W bWODU	214831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	late	CES203.489a
W bWODU	214821	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	mid	CES203.489a
W bWODU	314831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	open	late	CES203.489a
W bWODU	214631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	late	CES203.559
W bWODU	214621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	mid	CES203.559
W bWODU	314631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	late	CES203.559
W bWODU	314621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	mid	CES203.559
W bWODU	1324	East Gulf Coastal Plain Southern Depression Pondshore	early succ	n/a	CES203.504
W bWODU	1216	Florida Big Bend Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.507
W bWODU	222831	Floridian Highlands Freshwater Marsh	closed	late	CES203.077
W bWODU	222832	Floridian Highlands Freshwater Marsh	closed	late	CES203.077
W bWODU	222821	Floridian Highlands Freshwater Marsh	closed	mid	CES203.077
W bWODU	222822	Floridian Highlands Freshwater Marsh	closed	mid	CES203.077
W bWODU	122811	Floridian Highlands Freshwater Marsh	early succ	early	CES203.077
W bWODU	214031	Mississippi River Riparian Forest	closed	late	CES203.190
W bWODU	214021	Mississippi River Riparian Forest	closed	mid	CES203.190
W bWODU	1111	Open Water (Fresh)	early succ	n/a	SEGAP111
W bWODU	214731	Southern Coastal Plain Blackwater River Floodplain Forest	closed	late	CES203.493
W bWODU	214721	Southern Coastal Plain Blackwater River Floodplain Forest	closed	mid	CES203.493
W bWODU	314731	Southern Coastal Plain Blackwater River Floodplain Forest	open	late	CES203.493
W bWODU	223131	Southern Coastal Plain Herbaceous Seepage Bog	closed	late	CES203.078
W bWODU	223121	Southern Coastal Plain Herbaceous Seepage Bog	closed	mid	CES203.078
W bWODU	123111	Southern Coastal Plain Herbaceous Seepage Bog	early succ	early	CES203.078
W bWODU	215031	Southern Coastal Plain Nonriverine Basin Swamp	closed	late	CES203.384
W bWODU	215021	Southern Coastal Plain Nonriverine Basin Swamp	closed	mid	CES203.384
W bWODU	237031	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	closed	late	CES203.384b
W bWODU	237021	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	closed	mid	CES203.384b
W bWODU	137711	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Nuphar Modifier	early succ	early	CES203.384d
W bWODU	237131	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Pine Modifier	closed	late	CES203.384c
W bWODU	237121	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Pine Modifier	closed	mid	CES203.384c
W bWODU	218031	Southern Coastal Plain Seepage Swamp and Baygall	closed	late	CES203.505
W bWODU	218021	Southern Coastal Plain Seepage Swamp and Baygall	closed	mid	CES203.505
W bWODU	318031	Southern Coastal Plain Seepage Swamp and Baygall	open	late	CES203.505
W bWODU	318021	Southern Coastal Plain Seepage Swamp and Baygall	open	mid	CES203.505
W bWODU	216531	Southern Piedmont Large Floodplain Forest - Forest Modifier	closed	late	CES202.324a
W bWODU	216521	Southern Piedmont Large Floodplain Forest - Forest Modifier	closed	mid	CES202.324a
W bWODU	316531	Southern Piedmont Large Floodplain Forest - Forest Modifier	open	late	CES202.324a
W bWODU	316521	Southern Piedmont Large Floodplain Forest - Forest Modifier	open	mid	CES202.324a
W bWODU	216821	Southern Piedmont Small Floodplain and Riparian Forest	closed	mid	CES202.323

SppC	State ClassID	Name	structure name	stage name	strSysElCode
W bWODU	316831	Southern Piedmont Small Floodplain and Riparian Forest	open	late	CES202.323
W bWODU	316821	Southern Piedmont Small Floodplain and Riparian Forest	open	mid	CES202.323
W bWODU	1321	Unconsolidated Shore (Lake/River/Pond)	early succ	n/a	SEGAP321
bACFL	218331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	late	CES203.247a
bACFL	218321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	mid	CES203.247a
bACFL	318331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	late	CES203.247a
bACFL	318321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	mid	CES203.247a
bACFL	214431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	late	CES203.248
bACFL	214421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	mid	CES203.248
bACFL	314431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	late	CES203.248
bACFL	314421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	mid	CES203.248
bACFL	219031	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	closed	late	CES203.245a
bACFL	219032	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	closed	late	CES203.245a
bACFL	219021	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	closed	mid	CES203.245a
bACFL	319031	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	open	late	CES203.245a
bACFL	319021	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	open	mid	CES203.245a
bACFL	322521	Atlantic Coastal Plain Clay-Based Carolina Bay Herbaceous Wetland	open	mid	CES203.245b
bACFL	218631	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	closed	late	CES203.241
bACFL	218621	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	closed	mid	CES203.241
bACFL	318631	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	open	late	CES203.241
bACFL	318621	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	open	mid	CES203.241
bACFL	217321	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	closed	mid	CES203.254d
bACFL	317331	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	open	late	CES203.254d
bACFL	317321	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	open	mid	CES203.254d
bACFL	218831	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	closed	late	CES203.242
bACFL	218821	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	closed	mid	CES203.242
bACFL	318831	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	open	late	CES203.242
bACFL	318821	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	open	mid	CES203.242
bACFL	217831	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	late	CES203.304b
bACFL	217832	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	late	CES203.304b
bACFL	217821	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	mid	CES203.304b
bACFL	217822	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	mid	CES203.304b
bACFL	317831	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	late	CES203.304b
bACFL	317821	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	mid	CES203.304b
bACFL	215231	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	late	CES203.304a
bACFL	215232	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	late	CES203.304a
bACFL	215221	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	mid	CES203.304a
bACFL	215222	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	mid	CES203.304a
bACFL	215131	Atlantic Coastal Plain Northern Basin Swamp and Wet Hardwood Forest	closed	late	CES203.520
bACFL	215121	Atlantic Coastal Plain Northern Basin Swamp and Wet Hardwood Forest	closed	mid	CES203.520
bACFL	218531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	late	CES203.249
bACFL	218521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	mid	CES203.249
bACFL	318531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	late	CES203.249
bACFL	318521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	mid	CES203.249
bACFL	215431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	late	CES203.250
bACFL	215421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	mid	CES203.250
bACFL	315431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	late	CES203.250
bACFL	218431	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	closed	late	CES203.252
bACFL	218421	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	closed	mid	CES203.252
bACFL	318431	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	open	late	CES203.252
bACFL	318421	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	open	mid	CES203.252
bACFL	217231	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	closed	late	CES203.496d
bACFL	217221	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	closed	mid	CES203.496d
bACFL	317231	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	open	late	CES203.496d
bACFL	317221	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	open	mid	CES203.496d
bACFL	214831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	late	CES203.489a
bACFL	214821	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	mid	CES203.489a
bACFL	314831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	open	late	CES203.489a
bACFL	217431	East Gulf Coastal Plain Limestone Forest	closed	late	CES203.502
bACFL	217421	East Gulf Coastal Plain Limestone Forest	closed	mid	CES203.502
bACFL	317421	East Gulf Coastal Plain Limestone Forest	open	mid	CES203.502
bACFL	215631	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Offsite Hardwood	closed	late	CES203.375c
bACFL	215621	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Offsite Hardwood	closed	mid	CES203.375c
bACFL	315631	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Offsite Hardwood	open	late	CES203.375c
bACFL	315621	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Offsite Hardwood	open	mid	CES203.375c
bACFL	215531	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	closed	late	CES203.375a
bACFL	215521	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	closed	mid	CES203.375a
bACFL	315531	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	open	late	CES203.375a
bACFL	315521	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	open	mid	CES203.375a
bACFL	214231	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Scrub/Shrub	closed	late	CES203.375b
bACFL	214221	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Scrub/Shrub	closed	mid	CES203.375b
bACFL	314231	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Scrub/Shrub	open	late	CES203.375b
bACFL	314221	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Scrub/Shrub	open	mid	CES203.375b
bACFL	214631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	late	CES203.559
bACFL	214621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	mid	CES203.559
bACFL	314631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	late	CES203.559
bACFL	314621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	mid	CES203.559
bACFL	214031	Mississippi River Riparian Forest	closed	late	CES203.190

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bACFL	214021	Mississippi River Riparian Forest	closed	mid	CES203.190
bACFL	215731	Southern and Central Appalachian Oak Forest	closed	late	CES202.886
bACFL	215721	Southern and Central Appalachian Oak Forest	closed	mid	CES202.886
bACFL	315731	Southern and Central Appalachian Oak Forest	open	late	CES202.886
bACFL	214731	Southern Coastal Plain Blackwater River Floodplain Forest	closed	late	CES203.493
bACFL	214721	Southern Coastal Plain Blackwater River Floodplain Forest	closed	mid	CES203.493
bACFL	314731	Southern Coastal Plain Blackwater River Floodplain Forest	open	late	CES203.493
bACFL	205731	Southern Coastal Plain Dry Upland Hardwood Forest	closed	late	CES203.560
bACFL	205721	Southern Coastal Plain Dry Upland Hardwood Forest	closed	mid	CES203.560
bACFL	305731	Southern Coastal Plain Dry Upland Hardwood Forest	open	late	CES203.560
bACFL	305721	Southern Coastal Plain Dry Upland Hardwood Forest	open	mid	CES203.560
bACFL	219431	Southern Coastal Plain Hydric Hammock	closed	late	CES203.501
bACFL	219421	Southern Coastal Plain Hydric Hammock	closed	mid	CES203.501
bACFL	215031	Southern Coastal Plain Nonriverine Basin Swamp	closed	late	CES203.384
bACFL	215021	Southern Coastal Plain Nonriverine Basin Swamp	closed	mid	CES203.384
bACFL	237031	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	closed	late	CES203.384b
bACFL	237021	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	closed	mid	CES203.384b
bACFL	237131	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Pine Modifier	closed	late	CES203.384c
bACFL	237121	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Pine Modifier	closed	mid	CES203.384c
bACFL	216431	Southern Coastal Plain Nonriverine Cypress Dome	closed	late	CES203.251
bACFL	216421	Southern Coastal Plain Nonriverine Cypress Dome	closed	mid	CES203.251
bACFL	316431	Southern Coastal Plain Nonriverine Cypress Dome	open	late	CES203.251
bACFL	316421	Southern Coastal Plain Nonriverine Cypress Dome	open	mid	CES203.251
bACFL	236931	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	closed	late	CES203.384a
bACFL	236932	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	closed	late	CES203.384a
bACFL	236921	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	closed	mid	CES203.384a
bACFL	236922	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	closed	mid	CES203.384a
bACFL	209931	Southern Coastal Plain Oak Dome and Hammock	closed	late	CES203.494
bACFL	209921	Southern Coastal Plain Oak Dome and Hammock	closed	mid	CES203.494
bACFL	309931	Southern Coastal Plain Oak Dome and Hammock	open	late	CES203.494
bACFL	309921	Southern Coastal Plain Oak Dome and Hammock	open	mid	CES203.494
bACFL	218031	Southern Coastal Plain Seepage Swamp and Baygall	closed	late	CES203.505
bACFL	218021	Southern Coastal Plain Seepage Swamp and Baygall	closed	mid	CES203.505
bACFL	318031	Southern Coastal Plain Seepage Swamp and Baygall	open	late	CES203.505
bACFL	318021	Southern Coastal Plain Seepage Swamp and Baygall	open	mid	CES203.505
bACFL	206631	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	closed	late	CES202.339a
bACFL	206621	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	closed	mid	CES202.339a
bACFL	306631	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	open	late	CES202.339a
bACFL	306621	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	open	mid	CES202.339a
bACFL	210831	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	closed	late	CES202.339c
bACFL	210821	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	closed	mid	CES202.339c
bACFL	310831	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	open	late	CES202.339c
bACFL	310821	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	open	mid	CES202.339c
bACFL	216531	Southern Piedmont Large Floodplain Forest - Forest Modifier	closed	late	CES202.324a
bACFL	216521	Southern Piedmont Large Floodplain Forest - Forest Modifier	closed	mid	CES202.324a
bACFL	316531	Southern Piedmont Large Floodplain Forest - Forest Modifier	open	late	CES202.324a
bACFL	316521	Southern Piedmont Large Floodplain Forest - Forest Modifier	open	mid	CES202.324a
bACFL	216931	Southern Piedmont Mesic Forest	closed	late	CES202.342
bACFL	216921	Southern Piedmont Mesic Forest	closed	mid	CES202.342
bACFL	316931	Southern Piedmont Mesic Forest	open	late	CES202.342
bACFL	316921	Southern Piedmont Mesic Forest	open	mid	CES202.342
bACFL	216821	Southern Piedmont Small Floodplain and Riparian Forest	closed	mid	CES202.323
bACFL	316831	Southern Piedmont Small Floodplain and Riparian Forest	open	late	CES202.323
bACFL	316821	Southern Piedmont Small Floodplain and Riparian Forest	open	mid	CES202.323
bAMKE	316011	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	early	CES203.264
bAMKE	316021	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
bAMKE	316022	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
bAMKE	315911	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	early	CES203.273
bAMKE	315921	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bAMKE	315922	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bAMKE	120211	Clearcut - Grassland/Herbaceous	early succ	early	SEGAP710
bAMKE	320211	Clearcut - Grassland/Herbaceous	open	early	SEGAP710
bAMKE	320231	Clearcut - Grassland/Herbaceous	open	late	SEGAP710
bAMKE	320221	Clearcut - Grassland/Herbaceous	open	mid	SEGAP710
bAMKE	1211	Developed Open Space	early succ	n/a	SEGAP211
bAMKE	114131	East Gulf Coastal Plain Dune and Coastal Grassland	early succ	late	CES203.500
bAMKE	114121	East Gulf Coastal Plain Dune and Coastal Grassland	early succ	mid	CES203.500
bAMKE	1220	Low Intensity Developed	early succ	n/a	SEGAP220
bAMKE	1720	Other - Herbaceous	early succ	n/a	SEGAP720
bAMKE	1810	Pasture/Hay	early succ	n/a	SEGAP810
bAMKE	120511	Public Clearcut - Grassland/Herbaceous	early succ	early	SEGAP420
bAMKE	320511	Public Clearcut - Grassland/Herbaceous	open	early	SEGAP420
bAMKE	320531	Public Clearcut - Grassland/Herbaceous	open	late	SEGAP420
bAMKE	320521	Public Clearcut - Grassland/Herbaceous	open	mid	SEGAP420
bAMKE	120611	Public Successional Shrub/Scrub (Clear Cut)	early succ	early	SEGAP420
bAMKE	320611	Public Successional Shrub/Scrub (Clear Cut)	open	early	SEGAP420
bAMKE	320631	Public Successional Shrub/Scrub (Clear Cut)	open	late	SEGAP420
bAMKE	320621	Public Successional Shrub/Scrub (Clear Cut)	open	mid	SEGAP420

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bAMKE	120311	Successional Shrub/Scrub (Clear Cut)	early succ	early	SEGAP511
bAMKE	120321	Successional Shrub/Scrub (Clear Cut)	early succ	mid	SEGAP511
bAMKE	320311	Successional Shrub/Scrub (Clear Cut)	open	early	SEGAP511
bAMKE	320331	Successional Shrub/Scrub (Clear Cut)	open	late	SEGAP511
bAMKE	320321	Successional Shrub/Scrub (Clear Cut)	open	mid	SEGAP511
bAMKE	1513	Successional Shrub/Scrub (Other)	early succ	n/a	SEGAP513
bAMKE	1512	Successional Shrub/Scrub (Utility Swath)	n/a	n/a	SEGAP512
bAMKE	1323	Utility Swath - Herbaceous	early succ	n/a	SEGAP730
bAMOY	118211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	early succ	early	CES203.270
bAMOY	318211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bAMOY	318212	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bAMOY	124611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	early succ	early	CES203.260
bAMOY	324611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	early	CES203.260
bAMOY	216031	Atlantic Coastal Plain Northern Dune and Maritime Grassland	closed	late	CES203.264
bAMOY	216032	Atlantic Coastal Plain Northern Dune and Maritime Grassland	closed	late	CES203.264
bAMOY	316011	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	early	CES203.264
bAMOY	124811	Atlantic Coastal Plain Northern Tidal Salt Marsh	early succ	early	CES203.519
bAMOY	324811	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	early	CES203.519
bAMOY	1314	Atlantic Coastal Plain Sea Island Beach	n/a	n/a	CES203.383
bAMOY	1315	Atlantic Coastal Plain Southern Beach	n/a	n/a	CES203.535
bAMOY	215931	Atlantic Coastal Plain Southern Dune and Maritime Grassland	closed	late	CES203.273
bAMOY	215932	Atlantic Coastal Plain Southern Dune and Maritime Grassland	closed	late	CES203.273
bAMOY	315911	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	early	CES203.273
bAMOY	1249	Florida Big Bend Salt-Brackish Tidal Marsh	early succ	n/a	CES203.508
bAMOY	1412	Florida Panhandle Beach Vegetation	n/a	n/a	CES203.266
bAMOY	1112	Open Water (Brackish/Salt)	early succ	n/a	SEGAP112
bAMOY	1316	Southwest Florida Beach	n/a	n/a	CES411.276
bAMOY	1322	Unconsolidated Shore (Beach/Dune)	n/a	n/a	SEGAP322
bBACS	209131	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	closed	late	CES203.254a
bBACS	209121	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	closed	mid	CES203.254a
bBACS	109111	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	early succ	early	CES203.254a
bBACS	309131	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	open	late	CES203.254a
bBACS	309121	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	open	mid	CES203.254a
bBACS	119211	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	early succ	early	CES203.254b
bBACS	219131	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	closed	late	CES203.536
bBACS	219121	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	closed	mid	CES203.536
bBACS	119111	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	early succ	early	CES203.536
bBACS	319111	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	open	early	CES203.536
bBACS	319131	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	open	late	CES203.536
bBACS	219331	Atlantic Coastal Plain Upland Longleaf Pine Woodland	closed	late	CES203.281
bBACS	219321	Atlantic Coastal Plain Upland Longleaf Pine Woodland	closed	mid	CES203.281
bBACS	119311	Atlantic Coastal Plain Upland Longleaf Pine Woodland	early succ	early	CES203.281
bBACS	319331	Atlantic Coastal Plain Upland Longleaf Pine Woodland	open	late	CES203.281
bBACS	319321	Atlantic Coastal Plain Upland Longleaf Pine Woodland	open	mid	CES203.281
bBACS	218131	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	closed	late	CES203.505
bBACS	218121	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	closed	mid	CES203.505
bBACS	118111	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	early succ	early	CES203.505
bBACS	318111	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	open	early	CES203.505
bBACS	318131	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	open	late	CES203.505
bBACS	318121	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	open	mid	CES203.505
bBACS	214331	Central Florida Pine Flatwoods	closed	late	CES203.382
bBACS	214321	Central Florida Pine Flatwoods	closed	mid	CES203.382
bBACS	114311	Central Florida Pine Flatwoods	early succ	early	CES203.382
bBACS	314331	Central Florida Pine Flatwoods	open	late	CES203.382
bBACS	209531	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	closed	late	CES203.496a
bBACS	209521	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	closed	mid	CES203.496a
bBACS	109511	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	early succ	early	CES203.496a
bBACS	309531	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	open	late	CES203.496a
bBACS	309521	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	open	mid	CES203.496a
bBACS	109611	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub	early succ	early	CES203.496b
bBACS	215531	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	closed	late	CES203.375a
bBACS	215521	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	closed	mid	CES203.375a
bBACS	115511	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	early succ	early	CES203.375a
bBACS	315531	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	open	late	CES203.375a
bBACS	315521	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	open	mid	CES203.375a
bBACS	107711	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory	early succ	early	CES203.284b
bBACS	207631	Florida Longleaf Pine Sandhill- Open Understory	closed	late	CES203.284a
bBACS	207621	Florida Longleaf Pine Sandhill- Open Understory	closed	mid	CES203.284a
bBACS	107611	Florida Longleaf Pine Sandhill- Open Understory	early succ	early	CES203.284a
bBACS	307631	Florida Longleaf Pine Sandhill- Open Understory	open	late	CES203.284a
bBACS	307621	Florida Longleaf Pine Sandhill- Open Understory	open	mid	CES203.284a
bBACS	1720	Other - Herbaceous	early succ	n/a	SEGAP720
bBACS	1323	Utility Swath - Herbaceous	early succ	n/a	SEGAP730
bBHNU	209031	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	closed	late	CES203.254c
bBHNU	309031	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	open	late	CES203.254c
bBHNU	209131	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	closed	late	CES203.254a

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bBHNU	309131	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	open	late	CES203.254a
bBHNU	219231	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	closed	late	CES203.254b
bBHNU	319231	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	open	late	CES203.254b
bBHNU	216131	Atlantic Coastal Plain Northern Maritime Forest	closed	late	CES203.302
bBHNU	316131	Atlantic Coastal Plain Northern Maritime Forest	open	late	CES203.302
bBHNU	215831	Atlantic Coastal Plain Southern Maritime Forest	closed	late	CES203.537
bBHNU	315831	Atlantic Coastal Plain Southern Maritime Forest	open	late	CES203.537
bBHNU	219131	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	closed	late	CES203.536
bBHNU	319131	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	open	late	CES203.536
bBHNU	219331	Atlantic Coastal Plain Upland Longleaf Pine Woodland	closed	late	CES203.281
bBHNU	319331	Atlantic Coastal Plain Upland Longleaf Pine Woodland	open	late	CES203.281
bBHNU	218131	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	closed	late	CES203.505
bBHNU	318131	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	open	late	CES203.505
bBHNU	214331	Central Florida Pine Flatwoods	closed	late	CES203.382
bBHNU	314331	Central Florida Pine Flatwoods	open	late	CES203.382
bBHNU	216731	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	closed	late	CES203.496c
bBHNU	316731	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	open	late	CES203.496c
bBHNU	209531	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	closed	late	CES203.496a
bBHNU	309531	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	open	late	CES203.496a
bBHNU	209631	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub	closed	late	CES203.496b
bBHNU	309631	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub	open	late	CES203.496b
bBHNU	215531	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	closed	late	CES203.375a
bBHNU	315531	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	open	late	CES203.375a
bBHNU	214231	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Scrub/Shrub	closed	late	CES203.375b
bBHNU	314231	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Scrub/Shrub	open	late	CES203.375b
bBHNU	207931	EGCP Maritime Forest	closed	late	CES203.503
bBHNU	307931	EGCP Maritime Forest	open	late	CES203.503
bBHNU	207731	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory	closed	late	CES203.284b
bBHNU	307731	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory	open	late	CES203.284b
bBHNU	207631	Florida Longleaf Pine Sandhill- Open Understory	closed	late	CES203.284a
bBHNU	307631	Florida Longleaf Pine Sandhill- Open Understory	open	late	CES203.284a
bBHNU	217031	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	closed	late	CES202.339b
bBHNU	317031	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	open	late	CES202.339b
bBHNU	210831	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	closed	late	CES202.339c
bBHNU	310831	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	open	late	CES202.339c
bBTNW	218331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	late	CES203.247a
bBTNW	218321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	mid	CES203.247a
bBTNW	318331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	late	CES203.247a
bBTNW	318321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	mid	CES203.247a
bBTNW	214431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	late	CES203.248
bBTNW	214421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	mid	CES203.248
bBTNW	314431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	late	CES203.248
bBTNW	314421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	mid	CES203.248
bBTNW	218831	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	closed	late	CES203.242
bBTNW	218821	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	closed	mid	CES203.242
bBTNW	318831	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	open	late	CES203.242
bBTNW	318821	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	open	mid	CES203.242
bBTNW	217831	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	late	CES203.304b
bBTNW	217832	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	late	CES203.304b
bBTNW	217821	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	mid	CES203.304b
bBTNW	217822	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	mid	CES203.304b
bBTNW	317831	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	late	CES203.304b
bBTNW	317821	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	mid	CES203.304b
bBTNW	215231	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	late	CES203.304a
bBTNW	215232	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	late	CES203.304a
bBTNW	215221	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	mid	CES203.304a
bBTNW	215222	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	mid	CES203.304a
bBTNW	315211	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	open	early	CES203.304a
bBTNW	217731	Atlantic Coastal Plain Northern Tidal Wooded Swamp	closed	late	CES203.282
bBTNW	217721	Atlantic Coastal Plain Northern Tidal Wooded Swamp	closed	mid	CES203.282
bBTNW	317731	Atlantic Coastal Plain Northern Tidal Wooded Swamp	open	late	CES203.282
bBTNW	218531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	late	CES203.249
bBTNW	218521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	mid	CES203.249
bBTNW	318531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	late	CES203.249
bBTNW	318521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	mid	CES203.249
bBTNW	215431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	late	CES203.250
bBTNW	215421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	mid	CES203.250
bBTNW	315431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	late	CES203.250
bBTNW	215331	Atlantic Coastal Plain Southern Tidal Wooded Swamp	closed	late	CES203.240
bBTNW	215321	Atlantic Coastal Plain Southern Tidal Wooded Swamp	closed	mid	CES203.240
bBTNW	215731	Southern and Central Appalachian Oak Forest	closed	late	CES202.886
bBTNW	215721	Southern and Central Appalachian Oak Forest	closed	mid	CES202.886
bBTNW	315731	Southern and Central Appalachian Oak Forest	open	late	CES202.886
bBTNW	206631	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	closed	late	CES202.339a
bBTNW	206621	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	closed	mid	CES202.339a
bBTNW	306631	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	open	late	CES202.339a
bBTNW	306621	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	open	mid	CES202.339a
bBTNW	217031	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	closed	late	CES202.339b

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bBTNW	217021	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	closed	mid	CES202.339b
bBTNW	317031	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	open	late	CES202.339b
bBTNW	317021	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	open	mid	CES202.339b
bBTNW	210831	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	closed	late	CES202.339c
bBTNW	210821	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	closed	mid	CES202.339c
bBTNW	310831	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	open	late	CES202.339c
bBTNW	310821	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	open	mid	CES202.339c
bBTNW	216931	Southern Piedmont Mesic Forest	closed	late	CES202.342
bBTNW	216921	Southern Piedmont Mesic Forest	closed	mid	CES202.342
bBTNW	316931	Southern Piedmont Mesic Forest	open	late	CES202.342
bBTNW	316921	Southern Piedmont Mesic Forest	open	mid	CES202.342
bCERW	218331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	late	CES203.247a
bCERW	218321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	mid	CES203.247a
bCERW	214431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	late	CES203.248
bCERW	214421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	mid	CES203.248
bCERW	218631	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	closed	late	CES203.241
bCERW	218621	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	closed	mid	CES203.241
bCERW	218831	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	closed	late	CES203.242
bCERW	218821	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	closed	mid	CES203.242
bCERW	218531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	late	CES203.249
bCERW	218521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	mid	CES203.249
bCERW	215431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	late	CES203.250
bCERW	215421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	mid	CES203.250
bCERW	215731	Southern and Central Appalachian Oak Forest	closed	late	CES202.886
bCERW	215721	Southern and Central Appalachian Oak Forest	closed	mid	CES202.886
bCOGD	109011	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	early succ	early	CES203.254c
bCOGD	309031	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	open	late	CES203.254c
bCOGD	309021	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	open	mid	CES203.254c
bCOGD	109111	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	early succ	early	CES203.254a
bCOGD	309131	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	open	late	CES203.254a
bCOGD	309121	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	open	mid	CES203.254a
bCOGD	119211	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	early succ	early	CES203.254b
bCOGD	319231	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	open	late	CES203.254b
bCOGD	319221	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	open	mid	CES203.254b
bCOGD	316011	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	early	CES203.264
bCOGD	316021	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
bCOGD	316022	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
bCOGD	1315	Atlantic Coastal Plain Southern Beach	n/a	n/a	CES203.535
bCOGD	315911	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	early	CES203.273
bCOGD	315921	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bCOGD	315922	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bCOGD	119311	Atlantic Coastal Plain Upland Longleaf Pine Woodland	early succ	early	CES203.281
bCOGD	319331	Atlantic Coastal Plain Upland Longleaf Pine Woodland	open	late	CES203.281
bCOGD	319321	Atlantic Coastal Plain Upland Longleaf Pine Woodland	open	mid	CES203.281
bCOGD	1311	Bare Sand	early succ	n/a	SEGAP311
bCOGD	1312	Bare Soil	early succ	n/a	SEGAP312
bCOGD	120211	Clearcut - Grassland/Herbaceous	early succ	early	SEGAP710
bCOGD	320211	Clearcut - Grassland/Herbaceous	open	early	SEGAP710
bCOGD	320231	Clearcut - Grassland/Herbaceous	open	late	SEGAP710
bCOGD	320221	Clearcut - Grassland/Herbaceous	open	mid	SEGAP710
bCOGD	1211	Developed Open Space	early succ	n/a	SEGAP211
bCOGD	114131	East Gulf Coastal Plain Dune and Coastal Grassland	early succ	late	CES203.500
bCOGD	114121	East Gulf Coastal Plain Dune and Coastal Grassland	early succ	mid	CES203.500
bCOGD	116711	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	early succ	early	CES203.496c
bCOGD	316731	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	open	late	CES203.496c
bCOGD	316721	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	open	mid	CES203.496c
bCOGD	109511	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	early succ	early	CES203.496a
bCOGD	309531	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	open	late	CES203.496a
bCOGD	309521	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	open	mid	CES203.496a
bCOGD	109611	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub	early succ	early	CES203.496b
bCOGD	309631	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub	open	late	CES203.496b
bCOGD	309621	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub	open	mid	CES203.496b
bCOGD	107711	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory	early succ	early	CES203.284b
bCOGD	307731	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory	open	late	CES203.284b
bCOGD	307721	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory	open	mid	CES203.284b
bCOGD	107611	Florida Longleaf Pine Sandhill- Open Understory	early succ	early	CES203.284a
bCOGD	307631	Florida Longleaf Pine Sandhill- Open Understory	open	late	CES203.284a
bCOGD	307621	Florida Longleaf Pine Sandhill- Open Understory	open	mid	CES203.284a
bCOGD	1412	Florida Panhandle Beach Vegetation	n/a	n/a	CES203.266
bCOGD	112411	Florida Peninsula Inland Scrub	early succ	early	CES203.057
bCOGD	312431	Florida Peninsula Inland Scrub	open	late	CES203.057
bCOGD	312421	Florida Peninsula Inland Scrub	open	mid	CES203.057
bCOGD	1220	Low Intensity Developed	early succ	n/a	SEGAP220
bCOGD	1720	Other - Herbaceous	early succ	n/a	SEGAP720
bCOGD	1810	Pasture/Hay	early succ	n/a	SEGAP810
bCOGD	120511	Public Clearcut - Grassland/Herbaceous	early succ	early	SEGAP420
bCOGD	320511	Public Clearcut - Grassland/Herbaceous	open	early	SEGAP420

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bCOGD	320531	Public Clearcut - Grassland/Herbaceous	open	late	SEGAP420
bCOGD	320521	Public Clearcut - Grassland/Herbaceous	open	mid	SEGAP420
bCOGD	120611	Public Successional Shrub/Scrub (Clear Cut)	early succ	early	SEGAP420
bCOGD	320611	Public Successional Shrub/Scrub (Clear Cut)	open	early	SEGAP420
bCOGD	320631	Public Successional Shrub/Scrub (Clear Cut)	open	late	SEGAP420
bCOGD	320621	Public Successional Shrub/Scrub (Clear Cut)	open	mid	SEGAP420
bCOGD	1820	Row Crop	early succ	n/a	SEGAP820
bCOGD	119411	Southern Coastal Plain Hydric Hammock	early succ	early	CES203.501
bCOGD	109911	Southern Coastal Plain Oak Dome and Hammock	early succ	early	CES203.494
bCOGD	309931	Southern Coastal Plain Oak Dome and Hammock	open	late	CES203.494
bCOGD	309921	Southern Coastal Plain Oak Dome and Hammock	open	mid	CES203.494
bCOGD	1316	Southwest Florida Beach	n/a	n/a	CES411.276
bCOGD	120311	Successional Shrub/Scrub (Clear Cut)	early succ	early	SEGAP511
bCOGD	120321	Successional Shrub/Scrub (Clear Cut)	early succ	mid	SEGAP511
bCOGD	320311	Successional Shrub/Scrub (Clear Cut)	open	early	SEGAP511
bCOGD	320331	Successional Shrub/Scrub (Clear Cut)	open	late	SEGAP511
bCOGD	320321	Successional Shrub/Scrub (Clear Cut)	open	mid	SEGAP511
bCOGD	1513	Successional Shrub/Scrub (Other)	early succ	n/a	SEGAP513
bCOGD	1512	Successional Shrub/Scrub (Utility Swath)	n/a	n/a	SEGAP512
bCOGD	1322	Unconsolidated Shore (Beach/Dune)	n/a	n/a	SEGAP322
bCOGD	1323	Utility Swath - Herbaceous	early succ	n/a	SEGAP730
bCWWI	118611	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	early succ	early	CES203.241
bCWWI	318631	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	open	late	CES203.241
bCWWI	318621	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	open	mid	CES203.241
bCWWI	109011	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	early succ	early	CES203.254c
bCWWI	309031	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	open	late	CES203.254c
bCWWI	309021	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	open	mid	CES203.254c
bCWWI	117311	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	early succ	early	CES203.254d
bCWWI	317331	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	open	late	CES203.254d
bCWWI	317321	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	open	mid	CES203.254d
bCWWI	109111	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	early succ	early	CES203.254a
bCWWI	309131	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	open	late	CES203.254a
bCWWI	309121	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	open	mid	CES203.254a
bCWWI	119211	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	early succ	early	CES203.254b
bCWWI	319231	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	open	late	CES203.254b
bCWWI	319221	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	open	mid	CES203.254b
bCWWI	118811	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	early succ	early	CES203.242
bCWWI	318831	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	open	late	CES203.242
bCWWI	318821	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	open	mid	CES203.242
bCWWI	316011	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	early	CES203.264
bCWWI	316021	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
bCWWI	316022	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
bCWWI	315911	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	early	CES203.273
bCWWI	315921	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bCWWI	315922	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bCWWI	119311	Atlantic Coastal Plain Upland Longleaf Pine Woodland	early succ	early	CES203.281
bCWWI	319331	Atlantic Coastal Plain Upland Longleaf Pine Woodland	open	late	CES203.281
bCWWI	319321	Atlantic Coastal Plain Upland Longleaf Pine Woodland	open	mid	CES203.281
bCWWI	117111	Atlantic Coastal Plain Xeric River Dune	early succ	early	CES203.497
bCWWI	317131	Atlantic Coastal Plain Xeric River Dune	open	late	CES203.497
bCWWI	317121	Atlantic Coastal Plain Xeric River Dune	open	mid	CES203.497
bCWWI	120211	Clearcut - Grassland/Herbaceous	early succ	early	SEGAP710
bCWWI	320211	Clearcut - Grassland/Herbaceous	open	early	SEGAP710
bCWWI	320231	Clearcut - Grassland/Herbaceous	open	late	SEGAP710
bCWWI	320221	Clearcut - Grassland/Herbaceous	open	mid	SEGAP710
bCWWI	1300	Deciduous Plantations	early succ	n/a	SEGAP410
bCWWI	1211	Developed Open Space	early succ	n/a	SEGAP211
bCWWI	116711	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	early succ	early	CES203.496c
bCWWI	316731	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	open	late	CES203.496c
bCWWI	316721	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	open	mid	CES203.496c
bCWWI	117211	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	early succ	early	CES203.496d
bCWWI	317231	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	open	late	CES203.496d
bCWWI	317221	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	open	mid	CES203.496d
bCWWI	109511	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	early succ	early	CES203.496a
bCWWI	309531	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	open	late	CES203.496a
bCWWI	309521	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	open	mid	CES203.496a
bCWWI	109611	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub	early succ	early	CES203.496b
bCWWI	309631	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub	open	late	CES203.496b
bCWWI	309621	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub	open	mid	CES203.496b
bCWWI	317421	East Gulf Coastal Plain Limestone Forest	open	mid	CES203.502
bCWWI	107911	EGCP Maritime Forest	early succ	early	CES203.503
bCWWI	307931	EGCP Maritime Forest	open	late	CES203.503
bCWWI	307921	EGCP Maritime Forest	open	mid	CES203.503
bCWWI	120111	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	early succ	early	SEGAP420
bCWWI	320111	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	open	early	SEGAP420
bCWWI	320131	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	open	late	SEGAP420
bCWWI	320121	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	open	mid	SEGAP420
bCWWI	107711	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory	early succ	early	CES203.284b

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bCWWI	307731	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory	open	late	CES203.284b
bCWWI	307721	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory	open	mid	CES203.284b
bCWWI	107611	Florida Longleaf Pine Sandhill- Open Understory	early succ	early	CES203.284a
bCWWI	307631	Florida Longleaf Pine Sandhill- Open Understory	open	late	CES203.284a
bCWWI	307621	Florida Longleaf Pine Sandhill- Open Understory	open	mid	CES203.284a
bCWWI	112411	Florida Peninsula Inland Scrub	early succ	early	CES203.057
bCWWI	312431	Florida Peninsula Inland Scrub	open	late	CES203.057
bCWWI	312421	Florida Peninsula Inland Scrub	open	mid	CES203.057
bCWWI	1220	Low Intensity Developed	early succ	n/a	SEGAP220
bCWWI	1720	Other - Herbaceous	early succ	n/a	SEGAP720
bCWWI	1810	Pasture/Hay	early succ	n/a	SEGAP810
bCWWI	120511	Public Clearcut - Grassland/Herbaceous	early succ	early	SEGAP420
bCWWI	320511	Public Clearcut - Grassland/Herbaceous	open	early	SEGAP420
bCWWI	320531	Public Clearcut - Grassland/Herbaceous	open	late	SEGAP420
bCWWI	320521	Public Clearcut - Grassland/Herbaceous	open	mid	SEGAP420
bCWWI	120411	Public Evergreen Plantations or Managed Pine (can include dense successional regrowth)	early succ	early	SEGAP420
bCWWI	320411	Public Evergreen Plantations or Managed Pine (can include dense successional regrowth)	open	early	SEGAP420
bCWWI	320431	Public Evergreen Plantations or Managed Pine (can include dense successional regrowth)	open	late	SEGAP420
bCWWI	320421	Public Evergreen Plantations or Managed Pine (can include dense successional regrowth)	open	mid	SEGAP420
bCWWI	120611	Public Successional Shrub/Scrub (Clear Cut)	early succ	early	SEGAP420
bCWWI	320611	Public Successional Shrub/Scrub (Clear Cut)	open	early	SEGAP420
bCWWI	320631	Public Successional Shrub/Scrub (Clear Cut)	open	late	SEGAP420
bCWWI	320621	Public Successional Shrub/Scrub (Clear Cut)	open	mid	SEGAP420
bCWWI	315731	Southern and Central Appalachian Oak Forest	open	late	CES202.886
bCWWI	105711	Southern Coastal Plain Dry Upland Hardwood Forest	early succ	early	CES203.560
bCWWI	305731	Southern Coastal Plain Dry Upland Hardwood Forest	open	late	CES203.560
bCWWI	305721	Southern Coastal Plain Dry Upland Hardwood Forest	open	mid	CES203.560
bCWWI	109911	Southern Coastal Plain Oak Dome and Hammock	early succ	early	CES203.494
bCWWI	309931	Southern Coastal Plain Oak Dome and Hammock	open	late	CES203.494
bCWWI	309921	Southern Coastal Plain Oak Dome and Hammock	open	mid	CES203.494
bCWWI	117011	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	early succ	early	CES202.339b
bCWWI	317031	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	open	late	CES202.339b
bCWWI	317021	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	open	mid	CES202.339b
bCWWI	110811	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	early succ	early	CES202.339c
bCWWI	310831	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	open	late	CES202.339c
bCWWI	310821	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	open	mid	CES202.339c
bCWWI	116911	Southern Piedmont Mesic Forest	early succ	early	CES202.342
bCWWI	316931	Southern Piedmont Mesic Forest	open	late	CES202.342
bCWWI	316921	Southern Piedmont Mesic Forest	open	mid	CES202.342
bCWWI	120311	Successional Shrub/Scrub (Clear Cut)	early succ	early	SEGAP511
bCWWI	120321	Successional Shrub/Scrub (Clear Cut)	early succ	mid	SEGAP511
bCWWI	320311	Successional Shrub/Scrub (Clear Cut)	open	early	SEGAP511
bCWWI	320331	Successional Shrub/Scrub (Clear Cut)	open	late	SEGAP511
bCWWI	320321	Successional Shrub/Scrub (Clear Cut)	open	mid	SEGAP511
bCWWI	1513	Successional Shrub/Scrub (Other)	early succ	n/a	SEGAP513
bCWWI	1512	Successional Shrub/Scrub (Utility Swath)	n/a	n/a	SEGAP512
bCWWI	1323	Utility Swath - Herbaceous	early succ	n/a	SEGAP730
bFISP	121711	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	early	CES203.258
bFISP	1217	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	n/a	CES203.258
bFISP	121311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	early	CES203.376
bFISP	1213	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.376
bFISP	321311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bFISP	321312	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bFISP	321321	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
bFISP	321322	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
bFISP	121411	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	early succ	early	CES203.259
bFISP	321411	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	early	CES203.259
bFISP	321421	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	mid	CES203.259
bFISP	321422	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	mid	CES203.259
bFISP	316011	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	early	CES203.264
bFISP	316021	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
bFISP	316022	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
bFISP	116311	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	early succ	early	CES203.516
bFISP	316311	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	early	CES203.516
bFISP	316312	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	early	CES203.516
bFISP	316321	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	mid	CES203.516
bFISP	316322	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	mid	CES203.516
bFISP	315911	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	early	CES203.273
bFISP	315921	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bFISP	315922	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bFISP	120211	Clearcut - Grassland/Herbaceous	early succ	early	SEGAP710
bFISP	320211	Clearcut - Grassland/Herbaceous	open	early	SEGAP710
bFISP	320231	Clearcut - Grassland/Herbaceous	open	late	SEGAP710
bFISP	320221	Clearcut - Grassland/Herbaceous	open	mid	SEGAP710
bFISP	1211	Developed Open Space	early succ	n/a	SEGAP211
bFISP	1216	Florida Big Bend Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.507
bFISP	1720	Other - Herbaceous	early succ	n/a	SEGAP720
bFISP	1810	Pasture/Hay	early succ	n/a	SEGAP810

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bFISP	120511	Public Clearcut - Grassland/Herbaceous	early succ	early	SEGAP420
bFISP	320511	Public Clearcut - Grassland/Herbaceous	open	early	SEGAP420
bFISP	320531	Public Clearcut - Grassland/Herbaceous	open	late	SEGAP420
bFISP	320521	Public Clearcut - Grassland/Herbaceous	open	mid	SEGAP420
bFISP	120311	Successional Shrub/Scrub (Clear Cut)	early succ	early	SEGAP511
bFISP	320311	Successional Shrub/Scrub (Clear Cut)	open	early	SEGAP511
bFISP	320331	Successional Shrub/Scrub (Clear Cut)	open	late	SEGAP511
bFISP	320321	Successional Shrub/Scrub (Clear Cut)	open	mid	SEGAP511
bFISP	1513	Successional Shrub/Scrub (Other)	early succ	n/a	SEGAP513
bFISP	1512	Successional Shrub/Scrub (Utility Swath)	n/a	n/a	SEGAP512
bFISP	1323	Utility Swath - Herbaceous	early succ	n/a	SEGAP730
bHESP	121311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	early	CES203.376
bHESP	1213	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.376
bHESP	321311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bHESP	321312	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bHESP	118211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	early succ	early	CES203.270
bHESP	318211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bHESP	318212	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bHESP	121411	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	early succ	early	CES203.259
bHESP	321411	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	early	CES203.259
bHESP	124611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	early succ	early	CES203.260
bHESP	324611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	early	CES203.260
bHESP	117911	Atlantic Coastal Plain Peatland Pocosin	early succ	early	CES203.267
bHESP	317911	Atlantic Coastal Plain Peatland Pocosin	open	early	CES203.267
bHESP	315911	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	early	CES203.273
bHESP	118411	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	early succ	early	CES203.252
bHESP	118111	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	early succ	early	CES203.505
bHESP	318111	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	open	early	CES203.505
bHESP	120211	Clearcut - Grassland/Herbaceous	early succ	early	SEGAP710
bHESP	320211	Clearcut - Grassland/Herbaceous	open	early	SEGAP710
bHESP	1720	Other - Herbaceous	early succ	n/a	SEGAP720
bHESP	1810	Pasture/Hay	early succ	n/a	SEGAP810
bHESP	120511	Public Clearcut - Grassland/Herbaceous	early succ	early	SEGAP420
bHESP	320511	Public Clearcut - Grassland/Herbaceous	open	early	SEGAP420
bHESP	120611	Public Successional Shrub/Scrub (Clear Cut)	early succ	early	SEGAP420
bHESP	320611	Public Successional Shrub/Scrub (Clear Cut)	open	early	SEGAP420
bHESP	120311	Successional Shrub/Scrub (Clear Cut)	early succ	early	SEGAP511
bHESP	120321	Successional Shrub/Scrub (Clear Cut)	early succ	mid	SEGAP511
bHESP	320311	Successional Shrub/Scrub (Clear Cut)	open	early	SEGAP511
bHESP	1513	Successional Shrub/Scrub (Other)	early succ	n/a	SEGAP513
bHESP	1512	Successional Shrub/Scrub (Utility Swath)	n/a	n/a	SEGAP512
bHESP	1323	Utility Swath - Herbaceous	early succ	n/a	SEGAP730
bHOWA	218331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	late	CES203.247a
bHOWA	218321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	mid	CES203.247a
bHOWA	318331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	late	CES203.247a
bHOWA	318321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	mid	CES203.247a
bHOWA	214431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	late	CES203.248
bHOWA	214421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	mid	CES203.248
bHOWA	314431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	late	CES203.248
bHOWA	314421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	mid	CES203.248
bHOWA	216231	Atlantic Coastal Plain Central Maritime Forest	closed	late	CES203.261
bHOWA	216221	Atlantic Coastal Plain Central Maritime Forest	closed	mid	CES203.261
bHOWA	316231	Atlantic Coastal Plain Central Maritime Forest	open	late	CES203.261
bHOWA	316221	Atlantic Coastal Plain Central Maritime Forest	open	mid	CES203.261
bHOWA	218631	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	closed	late	CES203.241
bHOWA	218621	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	closed	mid	CES203.241
bHOWA	318631	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	open	late	CES203.241
bHOWA	318621	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	open	mid	CES203.241
bHOWA	218831	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	closed	late	CES203.242
bHOWA	218821	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	closed	mid	CES203.242
bHOWA	318831	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	open	late	CES203.242
bHOWA	318821	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	open	mid	CES203.242
bHOWA	215231	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	late	CES203.304a
bHOWA	215232	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	late	CES203.304a
bHOWA	215221	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	mid	CES203.304a
bHOWA	215222	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	mid	CES203.304a
bHOWA	216131	Atlantic Coastal Plain Northern Maritime Forest	closed	late	CES203.302
bHOWA	216121	Atlantic Coastal Plain Northern Maritime Forest	closed	mid	CES203.302
bHOWA	316131	Atlantic Coastal Plain Northern Maritime Forest	open	late	CES203.302
bHOWA	218531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	late	CES203.249
bHOWA	218521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	mid	CES203.249
bHOWA	318531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	late	CES203.249
bHOWA	318521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	mid	CES203.249
bHOWA	215431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	late	CES203.250
bHOWA	215421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	mid	CES203.250
bHOWA	315431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	late	CES203.250
bHOWA	315421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	mid	CES203.250

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bHOWA	215831	Atlantic Coastal Plain Southern Maritime Forest	closed	late	CES203.537
bHOWA	215821	Atlantic Coastal Plain Southern Maritime Forest	closed	mid	CES203.537
bHOWA	315831	Atlantic Coastal Plain Southern Maritime Forest	open	late	CES203.537
bHOWA	315821	Atlantic Coastal Plain Southern Maritime Forest	open	mid	CES203.537
bHOWA	218431	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	closed	late	CES203.252
bHOWA	218421	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	closed	mid	CES203.252
bHOWA	318431	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	open	late	CES203.252
bHOWA	318421	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	open	mid	CES203.252
bHOWA	214831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	late	CES203.489a
bHOWA	214821	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	mid	CES203.489a
bHOWA	314831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	open	late	CES203.489a
bHOWA	217431	East Gulf Coastal Plain Limestone Forest	closed	late	CES203.502
bHOWA	217421	East Gulf Coastal Plain Limestone Forest	closed	mid	CES203.502
bHOWA	317421	East Gulf Coastal Plain Limestone Forest	open	mid	CES203.502
bHOWA	214631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	late	CES203.559
bHOWA	214621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	mid	CES203.559
bHOWA	314631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	late	CES203.559
bHOWA	314621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	mid	CES203.559
bHOWA	207931	EGCP Maritime Forest	closed	late	CES203.503
bHOWA	207921	EGCP Maritime Forest	closed	mid	CES203.503
bHOWA	307931	EGCP Maritime Forest	open	late	CES203.503
bHOWA	307921	EGCP Maritime Forest	open	mid	CES203.503
bHOWA	214031	Mississippi River Riparian Forest	closed	late	CES203.190
bHOWA	214021	Mississippi River Riparian Forest	closed	mid	CES203.190
bHOWA	215731	Southern and Central Appalachian Oak Forest	closed	late	CES202.886
bHOWA	215721	Southern and Central Appalachian Oak Forest	closed	mid	CES202.886
bHOWA	315731	Southern and Central Appalachian Oak Forest	open	late	CES202.886
bHOWA	214731	Southern Coastal Plain Blackwater River Floodplain Forest	closed	late	CES203.493
bHOWA	214721	Southern Coastal Plain Blackwater River Floodplain Forest	closed	mid	CES203.493
bHOWA	314731	Southern Coastal Plain Blackwater River Floodplain Forest	open	late	CES203.493
bHOWA	205731	Southern Coastal Plain Dry Upland Hardwood Forest	closed	late	CES203.560
bHOWA	205721	Southern Coastal Plain Dry Upland Hardwood Forest	closed	mid	CES203.560
bHOWA	305731	Southern Coastal Plain Dry Upland Hardwood Forest	open	late	CES203.560
bHOWA	305721	Southern Coastal Plain Dry Upland Hardwood Forest	open	mid	CES203.560
bHOWA	215031	Southern Coastal Plain Nonriverine Basin Swamp	closed	late	CES203.384
bHOWA	215021	Southern Coastal Plain Nonriverine Basin Swamp	closed	mid	CES203.384
bHOWA	237031	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	closed	late	CES203.384b
bHOWA	237021	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	closed	mid	CES203.384b
bHOWA	218031	Southern Coastal Plain Seepage Swamp and Baygall	closed	late	CES203.505
bHOWA	218021	Southern Coastal Plain Seepage Swamp and Baygall	closed	mid	CES203.505
bHOWA	318031	Southern Coastal Plain Seepage Swamp and Baygall	open	late	CES203.505
bHOWA	318021	Southern Coastal Plain Seepage Swamp and Baygall	open	mid	CES203.505
bHOWA	206631	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	closed	late	CES202.339a
bHOWA	206621	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	closed	mid	CES202.339a
bHOWA	306631	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	open	late	CES202.339a
bHOWA	306621	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	open	mid	CES202.339a
bHOWA	210831	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	closed	late	CES202.339c
bHOWA	210821	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	closed	mid	CES202.339c
bHOWA	310831	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	open	late	CES202.339c
bHOWA	310821	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	open	mid	CES202.339c
bHOWA	216531	Southern Piedmont Large Floodplain Forest - Forest Modifier	closed	late	CES202.324a
bHOWA	216521	Southern Piedmont Large Floodplain Forest - Forest Modifier	closed	mid	CES202.324a
bHOWA	316531	Southern Piedmont Large Floodplain Forest - Forest Modifier	open	late	CES202.324a
bHOWA	316521	Southern Piedmont Large Floodplain Forest - Forest Modifier	open	mid	CES202.324a
bHOWA	216931	Southern Piedmont Mesic Forest	closed	late	CES202.342
bHOWA	216921	Southern Piedmont Mesic Forest	closed	mid	CES202.342
bHOWA	316931	Southern Piedmont Mesic Forest	open	late	CES202.342
bHOWA	316921	Southern Piedmont Mesic Forest	open	mid	CES202.342
bHOWA	216821	Southern Piedmont Small Floodplain and Riparian Forest	closed	mid	CES202.323
bHOWA	316831	Southern Piedmont Small Floodplain and Riparian Forest	open	late	CES202.323
bHOWA	316821	Southern Piedmont Small Floodplain and Riparian Forest	open	mid	CES202.323
bKEWA	218331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	late	CES203.247a
bKEWA	218321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	mid	CES203.247a
bKEWA	318331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	late	CES203.247a
bKEWA	318321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	mid	CES203.247a
bKEWA	214431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	late	CES203.248
bKEWA	214421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	mid	CES203.248
bKEWA	314431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	late	CES203.248
bKEWA	314421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	mid	CES203.248
bKEWA	218631	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	closed	late	CES203.241
bKEWA	218621	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	closed	mid	CES203.241
bKEWA	318631	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	open	late	CES203.241
bKEWA	318621	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	open	mid	CES203.241
bKEWA	217321	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	closed	mid	CES203.254d
bKEWA	317331	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	open	late	CES203.254d
bKEWA	317321	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	open	mid	CES203.254d
bKEWA	218831	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	closed	late	CES203.242
bKEWA	218821	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	closed	mid	CES203.242

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bKEWA	318831	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	open	late	CES203.242
bKEWA	318821	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	open	mid	CES203.242
bKEWA	217831	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	late	CES203.304b
bKEWA	217832	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	late	CES203.304b
bKEWA	217821	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	mid	CES203.304b
bKEWA	217822	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	mid	CES203.304b
bKEWA	317831	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	late	CES203.304b
bKEWA	317821	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	mid	CES203.304b
bKEWA	215231	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	late	CES203.304a
bKEWA	215232	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	late	CES203.304a
bKEWA	215221	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	mid	CES203.304a
bKEWA	215222	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	mid	CES203.304a
bKEWA	218531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	late	CES203.249
bKEWA	218521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	mid	CES203.249
bKEWA	318531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	late	CES203.249
bKEWA	318521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	mid	CES203.249
bKEWA	215431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	late	CES203.250
bKEWA	215421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	mid	CES203.250
bKEWA	315431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	late	CES203.250
bKEWA	315421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	mid	CES203.250
bKEWA	217231	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	closed	late	CES203.496d
bKEWA	217221	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	closed	mid	CES203.496d
bKEWA	317231	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	open	late	CES203.496d
bKEWA	317221	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	open	mid	CES203.496d
bKEWA	214831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	late	CES203.489a
bKEWA	214821	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	mid	CES203.489a
bKEWA	314831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	open	late	CES203.489a
bKEWA	217431	East Gulf Coastal Plain Limestone Forest	closed	late	CES203.502
bKEWA	217421	East Gulf Coastal Plain Limestone Forest	closed	mid	CES203.502
bKEWA	317421	East Gulf Coastal Plain Limestone Forest	open	mid	CES203.502
bKEWA	214631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	late	CES203.559
bKEWA	214621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	mid	CES203.559
bKEWA	314631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	late	CES203.559
bKEWA	314621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	mid	CES203.559
bKEWA	214031	Mississippi River Riparian Forest	closed	late	CES203.190
bKEWA	214021	Mississippi River Riparian Forest	closed	mid	CES203.190
bKEWA	215731	Southern and Central Appalachian Oak Forest	closed	late	CES202.886
bKEWA	215721	Southern and Central Appalachian Oak Forest	closed	mid	CES202.886
bKEWA	315731	Southern and Central Appalachian Oak Forest	open	late	CES202.886
bKEWA	214731	Southern Coastal Plain Blackwater River Floodplain Forest	closed	late	CES203.493
bKEWA	214721	Southern Coastal Plain Blackwater River Floodplain Forest	closed	mid	CES203.493
bKEWA	314731	Southern Coastal Plain Blackwater River Floodplain Forest	open	late	CES203.493
bKEWA	205731	Southern Coastal Plain Dry Upland Hardwood Forest	closed	late	CES203.560
bKEWA	205721	Southern Coastal Plain Dry Upland Hardwood Forest	closed	mid	CES203.560
bKEWA	305731	Southern Coastal Plain Dry Upland Hardwood Forest	open	late	CES203.560
bKEWA	305721	Southern Coastal Plain Dry Upland Hardwood Forest	open	mid	CES203.560
bKEWA	206631	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	closed	late	CES202.339a
bKEWA	206621	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	closed	mid	CES202.339a
bKEWA	306631	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	open	late	CES202.339a
bKEWA	306621	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	open	mid	CES202.339a
bKEWA	210831	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	closed	late	CES202.339c
bKEWA	210821	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	closed	mid	CES202.339c
bKEWA	310831	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	open	late	CES202.339c
bKEWA	310821	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	open	mid	CES202.339c
bKEWA	216531	Southern Piedmont Large Floodplain Forest - Forest Modifier	closed	late	CES202.324a
bKEWA	216521	Southern Piedmont Large Floodplain Forest - Forest Modifier	closed	mid	CES202.324a
bKEWA	316531	Southern Piedmont Large Floodplain Forest - Forest Modifier	open	late	CES202.324a
bKEWA	316521	Southern Piedmont Large Floodplain Forest - Forest Modifier	open	mid	CES202.324a
bKEWA	216931	Southern Piedmont Mesic Forest	closed	late	CES202.342
bKEWA	216921	Southern Piedmont Mesic Forest	closed	mid	CES202.342
bKEWA	316931	Southern Piedmont Mesic Forest	open	late	CES202.342
bKEWA	316921	Southern Piedmont Mesic Forest	open	mid	CES202.342
bKEWA	216821	Southern Piedmont Small Floodplain and Riparian Forest	closed	mid	CES202.323
bKEWA	316831	Southern Piedmont Small Floodplain and Riparian Forest	open	late	CES202.323
bKEWA	316821	Southern Piedmont Small Floodplain and Riparian Forest	open	mid	CES202.323
bKIRA	121711	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	early	CES203.258
bKIRA	1217	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	n/a	CES203.258
bKIRA	121311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	early	CES203.376
bKIRA	1213	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.376
bKIRA	321311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bKIRA	321312	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bKIRA	321321	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
bKIRA	321322	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
bKIRA	218221	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	closed	mid	CES203.270
bKIRA	118211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	early succ	early	CES203.270
bKIRA	318211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bKIRA	318212	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bKIRA	318221	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bKIRA	318222	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270
bKIRA	1318	Atlantic Coastal Plain Depression Pondshore	early succ	n/a	CES203.262
bKIRA	121411	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	early succ	early	CES203.259
bKIRA	321411	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	early	CES203.259
bKIRA	321421	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	mid	CES203.259
bKIRA	321422	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	mid	CES203.259
bKIRA	124611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	early succ	early	CES203.260
bKIRA	324611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	early	CES203.260
bKIRA	324621	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	mid	CES203.260
bKIRA	324622	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	mid	CES203.260
bKIRA	116311	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	early succ	early	CES203.516
bKIRA	316311	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	early	CES203.516
bKIRA	316312	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	early	CES203.516
bKIRA	316321	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	mid	CES203.516
bKIRA	316322	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	mid	CES203.516
bKIRA	124811	Atlantic Coastal Plain Northern Tidal Salt Marsh	early succ	early	CES203.519
bKIRA	324811	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	early	CES203.519
bKIRA	324821	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	mid	CES203.519
bKIRA	324822	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	mid	CES203.519
bKIRA	219131	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	closed	late	CES203.536
bKIRA	219121	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	closed	mid	CES203.536
bKIRA	119111	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	early succ	early	CES203.536
bKIRA	319111	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	open	early	CES203.536
bKIRA	319131	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	open	late	CES203.536
bKIRA	319121	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	open	mid	CES203.536
bKIRA	1324	East Gulf Coastal Plain Southern Depression Pondshore	early succ	n/a	CES203.504
bKIRA	223331	East Gulf Coastal Plain Treeless Savanna and Wet Prairie	closed	late	CES203.192
bKIRA	223321	East Gulf Coastal Plain Treeless Savanna and Wet Prairie	closed	mid	CES203.192
bKIRA	123311	East Gulf Coastal Plain Treeless Savanna and Wet Prairie	early succ	early	CES203.192
bKIRA	323331	East Gulf Coastal Plain Treeless Savanna and Wet Prairie	open	late	CES203.192
bKIRA	323321	East Gulf Coastal Plain Treeless Savanna and Wet Prairie	open	mid	CES203.192
bKIRA	1216	Florida Big Bend Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.507
bKIRA	1249	Florida Big Bend Salt-Brackish Tidal Marsh	early succ	n/a	CES203.508
bKIRA	222831	Floridian Highlands Freshwater Marsh	closed	late	CES203.077
bKIRA	222832	Floridian Highlands Freshwater Marsh	closed	late	CES203.077
bKIRA	222821	Floridian Highlands Freshwater Marsh	closed	mid	CES203.077
bKIRA	222822	Floridian Highlands Freshwater Marsh	closed	mid	CES203.077
bKIRA	122811	Floridian Highlands Freshwater Marsh	early succ	early	CES203.077
bKIRA	223131	Southern Coastal Plain Herbaceous Seepage Bog	closed	late	CES203.078
bKIRA	223121	Southern Coastal Plain Herbaceous Seepage Bog	closed	mid	CES203.078
bKIRA	123111	Southern Coastal Plain Herbaceous Seepage Bog	early succ	early	CES203.078
bLEBI	121711	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	early	CES203.258
bLEBI	1217	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	n/a	CES203.258
bLEBI	121311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	early	CES203.376
bLEBI	1213	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.376
bLEBI	321311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bLEBI	321312	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bLEBI	321321	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
bLEBI	321322	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
bLEBI	218221	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	closed	mid	CES203.270
bLEBI	118211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	early succ	early	CES203.270
bLEBI	318211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bLEBI	318212	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bLEBI	318221	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270
bLEBI	318222	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270
bLEBI	122521	Atlantic Coastal Plain Clay-Based Carolina Bay Herbaceous Wetland	early succ	mid	CES203.245b
bLEBI	1225	Atlantic Coastal Plain Clay-Based Carolina Bay Herbaceous Wetland	early succ	n/a	CES203.245b
bLEBI	322521	Atlantic Coastal Plain Clay-Based Carolina Bay Herbaceous Wetland	open	mid	CES203.245b
bLEBI	1318	Atlantic Coastal Plain Depression Pondshore	early succ	n/a	CES203.262
bLEBI	121411	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	early succ	early	CES203.259
bLEBI	321411	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	early	CES203.259
bLEBI	321421	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	mid	CES203.259
bLEBI	321422	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	mid	CES203.259
bLEBI	124611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	early succ	early	CES203.260
bLEBI	324611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	early	CES203.260
bLEBI	324621	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	mid	CES203.260
bLEBI	324622	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	mid	CES203.260
bLEBI	121911	Atlantic Coastal Plain Large Natural Lakeshore	early succ	early	CES203.044
bLEBI	321921	Atlantic Coastal Plain Large Natural Lakeshore	open	mid	CES203.044
bLEBI	316311	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	early	CES203.516
bLEBI	316312	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	early	CES203.516
bLEBI	316321	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	mid	CES203.516
bLEBI	316322	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	mid	CES203.516
bLEBI	124811	Atlantic Coastal Plain Northern Tidal Salt Marsh	early succ	early	CES203.519
bLEBI	324811	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	early	CES203.519
bLEBI	324821	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	mid	CES203.519
bLEBI	324822	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	mid	CES203.519
bLEBI	1324	East Gulf Coastal Plain Southern Depression Pondshore	early succ	n/a	CES203.504

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bLEBI	1216	Florida Big Bend Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.507
bLEBI	1249	Florida Big Bend Salt-Brackish Tidal Marsh	early succ	n/a	CES203.508
bLEBI	222821	Floridian Highlands Freshwater Marsh	closed	mid	CES203.077
bLEBI	222822	Floridian Highlands Freshwater Marsh	closed	mid	CES203.077
bLEBI	122811	Floridian Highlands Freshwater Marsh	early succ	early	CES203.077
bLEBI	1112	Open Water (Brackish/Salt)	early succ	n/a	SEGAP112
bLEBI	1111	Open Water (Fresh)	early succ	n/a	SEGAP111
bLEBI	223121	Southern Coastal Plain Herbaceous Seepage Bog	closed	mid	CES203.078
bLEBI	123111	Southern Coastal Plain Herbaceous Seepage Bog	early succ	early	CES203.078
bLEBI	1322	Unconsolidated Shore (Beach/Dune)	n/a	n/a	SEGAP322
bLEBI	1321	Unconsolidated Shore (Lake/River/Pond)	early succ	n/a	SEGAP321
bLETE	121711	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	early	CES203.258
bLETE	1217	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	n/a	CES203.258
bLETE	218221	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	closed	mid	CES203.270
bLETE	118211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	early succ	early	CES203.270
bLETE	318211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bLETE	318212	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bLETE	318221	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270
bLETE	318222	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270
bLETE	124611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	early succ	early	CES203.260
bLETE	324611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	early	CES203.260
bLETE	324621	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	mid	CES203.260
bLETE	324622	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	mid	CES203.260
bLETE	216031	Atlantic Coastal Plain Northern Dune and Maritime Grassland	closed	late	CES203.264
bLETE	216032	Atlantic Coastal Plain Northern Dune and Maritime Grassland	closed	late	CES203.264
bLETE	316011	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	early	CES203.264
bLETE	316021	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
bLETE	316022	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
bLETE	124811	Atlantic Coastal Plain Northern Tidal Salt Marsh	early succ	early	CES203.519
bLETE	324811	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	early	CES203.519
bLETE	324821	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	mid	CES203.519
bLETE	324822	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	mid	CES203.519
bLETE	1314	Atlantic Coastal Plain Sea Island Beach	n/a	n/a	CES203.383
bLETE	1315	Atlantic Coastal Plain Southern Beach	n/a	n/a	CES203.535
bLETE	215931	Atlantic Coastal Plain Southern Dune and Maritime Grassland	closed	late	CES203.273
bLETE	215932	Atlantic Coastal Plain Southern Dune and Maritime Grassland	closed	late	CES203.273
bLETE	315911	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	early	CES203.273
bLETE	315921	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bLETE	315922	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bLETE	114131	East Gulf Coastal Plain Dune and Coastal Grassland	early succ	late	CES203.500
bLETE	114121	East Gulf Coastal Plain Dune and Coastal Grassland	early succ	mid	CES203.500
bLETE	1249	Florida Big Bend Salt-Brackish Tidal Marsh	early succ	n/a	CES203.508
bLETE	1412	Florida Panhandle Beach Vegetation	n/a	n/a	CES203.266
bLETE	114011	Mississippi River Riparian Forest	early succ	early	CES203.190
bLETE	1112	Open Water (Brackish/Salt)	early succ	n/a	SEGAP112
bLETE	1111	Open Water (Fresh)	early succ	n/a	SEGAP111
bLETE	1316	Southwest Florida Beach	n/a	n/a	CES411.276
bLETE	1322	Unconsolidated Shore (Beach/Dune)	n/a	n/a	SEGAP322
bLETE	1321	Unconsolidated Shore (Lake/River/Pond)	early succ	n/a	SEGAP321
bLOSH	119111	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	early succ	early	CES203.536
bLOSH	118111	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	early succ	early	CES203.505
bLOSH	318111	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	open	early	CES203.505
bLOSH	114311	Central Florida Pine Flatwoods	early succ	early	CES203.382
bLOSH	120211	Clearcut - Grassland/Herbaceous	early succ	early	SEGAP710
bLOSH	320211	Clearcut - Grassland/Herbaceous	open	early	SEGAP710
bLOSH	320221	Clearcut - Grassland/Herbaceous	open	mid	SEGAP710
bLOSH	1211	Developed Open Space	early succ	n/a	SEGAP211
bLOSH	115511	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	early succ	early	CES203.375a
bLOSH	114211	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Scrub/Shrub	early succ	early	CES203.375b
bLOSH	1810	Pasture/Hay	early succ	n/a	SEGAP810
bLOSH	120511	Public Clearcut - Grassland/Herbaceous	early succ	early	SEGAP420
bLOSH	320511	Public Clearcut - Grassland/Herbaceous	open	early	SEGAP420
bLOSH	320521	Public Clearcut - Grassland/Herbaceous	open	mid	SEGAP420
bLOSH	120611	Public Successional Shrub/Scrub (Clear Cut)	early succ	early	SEGAP420
bLOSH	320611	Public Successional Shrub/Scrub (Clear Cut)	open	early	SEGAP420
bLOSH	109911	Southern Coastal Plain Oak Dome and Hammock	early succ	early	CES203.494
bLOSH	120311	Successional Shrub/Scrub (Clear Cut)	early succ	early	SEGAP511
bLOSH	120321	Successional Shrub/Scrub (Clear Cut)	early succ	mid	SEGAP511
bLOSH	320311	Successional Shrub/Scrub (Clear Cut)	open	early	SEGAP511
bLOSH	1513	Successional Shrub/Scrub (Other)	early succ	n/a	SEGAP513
bLOSH	1512	Successional Shrub/Scrub (Utility Swath)	n/a	n/a	SEGAP512
bLOWA	218331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	late	CES203.247a
bLOWA	218321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	mid	CES203.247a
bLOWA	318331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	late	CES203.247a
bLOWA	318321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	mid	CES203.247a
bLOWA	214431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	late	CES203.248

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bLOWA	214421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	mid	CES203.248
bLOWA	314431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	late	CES203.248
bLOWA	314421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	mid	CES203.248
bLOWA	218631	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	closed	late	CES203.241
bLOWA	218621	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	closed	mid	CES203.241
bLOWA	318631	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	open	late	CES203.241
bLOWA	318621	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	open	mid	CES203.241
bLOWA	217321	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	closed	mid	CES203.254d
bLOWA	317331	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	open	late	CES203.254d
bLOWA	317321	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	open	mid	CES203.254d
bLOWA	218831	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	closed	late	CES203.242
bLOWA	218821	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	closed	mid	CES203.242
bLOWA	318831	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	open	late	CES203.242
bLOWA	318821	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	open	mid	CES203.242
bLOWA	218531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	late	CES203.249
bLOWA	218521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	mid	CES203.249
bLOWA	318531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	late	CES203.249
bLOWA	318521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	mid	CES203.249
bLOWA	215431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	late	CES203.250
bLOWA	215421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	mid	CES203.250
bLOWA	315431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	late	CES203.250
bLOWA	315421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	mid	CES203.250
bLOWA	217231	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	closed	late	CES203.496d
bLOWA	217221	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	closed	mid	CES203.496d
bLOWA	317231	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	open	late	CES203.496d
bLOWA	317221	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	open	mid	CES203.496d
bLOWA	214831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	late	CES203.489a
bLOWA	214821	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	mid	CES203.489a
bLOWA	314831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	open	late	CES203.489a
bLOWA	217431	East Gulf Coastal Plain Limestone Forest	closed	late	CES203.502
bLOWA	217421	East Gulf Coastal Plain Limestone Forest	closed	mid	CES203.502
bLOWA	317421	East Gulf Coastal Plain Limestone Forest	open	mid	CES203.502
bLOWA	214631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	late	CES203.559
bLOWA	214621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	mid	CES203.559
bLOWA	314631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	late	CES203.559
bLOWA	314621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	mid	CES203.559
bLOWA	214031	Mississippi River Riparian Forest	closed	late	CES203.190
bLOWA	214021	Mississippi River Riparian Forest	closed	mid	CES203.190
bLOWA	215731	Southern and Central Appalachian Oak Forest	closed	late	CES202.886
bLOWA	215721	Southern and Central Appalachian Oak Forest	closed	mid	CES202.886
bLOWA	315731	Southern and Central Appalachian Oak Forest	open	late	CES202.886
bLOWA	214731	Southern Coastal Plain Blackwater River Floodplain Forest	closed	late	CES203.493
bLOWA	214721	Southern Coastal Plain Blackwater River Floodplain Forest	closed	mid	CES203.493
bLOWA	314731	Southern Coastal Plain Blackwater River Floodplain Forest	open	late	CES203.493
bLOWA	205731	Southern Coastal Plain Dry Upland Hardwood Forest	closed	late	CES203.560
bLOWA	205721	Southern Coastal Plain Dry Upland Hardwood Forest	closed	mid	CES203.560
bLOWA	305731	Southern Coastal Plain Dry Upland Hardwood Forest	open	late	CES203.560
bLOWA	305721	Southern Coastal Plain Dry Upland Hardwood Forest	open	mid	CES203.560
bLOWA	206631	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	closed	late	CES202.339a
bLOWA	206621	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	closed	mid	CES202.339a
bLOWA	306631	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	open	late	CES202.339a
bLOWA	306621	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	open	mid	CES202.339a
bLOWA	210831	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	closed	late	CES202.339c
bLOWA	210821	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	closed	mid	CES202.339c
bLOWA	310831	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	open	late	CES202.339c
bLOWA	310821	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	open	mid	CES202.339c
bLOWA	216531	Southern Piedmont Large Floodplain Forest - Forest Modifier	closed	late	CES202.324a
bLOWA	216521	Southern Piedmont Large Floodplain Forest - Forest Modifier	closed	mid	CES202.324a
bLOWA	316531	Southern Piedmont Large Floodplain Forest - Forest Modifier	open	late	CES202.324a
bLOWA	316521	Southern Piedmont Large Floodplain Forest - Forest Modifier	open	mid	CES202.324a
bLOWA	216931	Southern Piedmont Mesic Forest	closed	late	CES202.342
bLOWA	216921	Southern Piedmont Mesic Forest	closed	mid	CES202.342
bLOWA	316931	Southern Piedmont Mesic Forest	open	late	CES202.342
bLOWA	316921	Southern Piedmont Mesic Forest	open	mid	CES202.342
bLOWA	216821	Southern Piedmont Small Floodplain and Riparian Forest	closed	mid	CES202.323
bLOWA	316831	Southern Piedmont Small Floodplain and Riparian Forest	open	late	CES202.323
bLOWA	316821	Southern Piedmont Small Floodplain and Riparian Forest	open	mid	CES202.323
bNOBO	109011	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	early succ	early	CES203.254c
bNOBO	309031	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	open	late	CES203.254c
bNOBO	309021	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	open	mid	CES203.254c
bNOBO	109111	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	early succ	early	CES203.254a
bNOBO	309131	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	open	late	CES203.254a
bNOBO	309121	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	open	mid	CES203.254a
bNOBO	119211	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	early succ	early	CES203.254b
bNOBO	319231	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	open	late	CES203.254b
bNOBO	319221	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	open	mid	CES203.254b
bNOBO	119311	Atlantic Coastal Plain Upland Longleaf Pine Woodland	early succ	early	CES203.281
bNOBO	319331	Atlantic Coastal Plain Upland Longleaf Pine Woodland	open	late	CES203.281

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bNOBO	319321	Atlantic Coastal Plain Upland Longleaf Pine Woodland	open	mid	CES203.281
bNOBO	118111	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	early succ	early	CES203.505
bNOBO	318111	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	open	early	CES203.505
bNOBO	318131	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	open	late	CES203.505
bNOBO	318121	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	open	mid	CES203.505
bNOBO	120211	Clearcut - Grassland/Herbaceous	early succ	early	SEGAP710
bNOBO	320211	Clearcut - Grassland/Herbaceous	open	early	SEGAP710
bNOBO	320231	Clearcut - Grassland/Herbaceous	open	late	SEGAP710
bNOBO	320221	Clearcut - Grassland/Herbaceous	open	mid	SEGAP710
bNOBO	1211	Developed Open Space	early succ	n/a	SEGAP211
bNOBO	116711	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	early succ	early	CES203.496c
bNOBO	316731	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	open	late	CES203.496c
bNOBO	316721	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	open	mid	CES203.496c
bNOBO	109511	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	early succ	early	CES203.496a
bNOBO	309531	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	open	late	CES203.496a
bNOBO	309521	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	open	mid	CES203.496a
bNOBO	109611	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub	early succ	early	CES203.496b
bNOBO	309631	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub	open	late	CES203.496b
bNOBO	309621	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub	open	mid	CES203.496b
bNOBO	115511	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	early succ	early	CES203.375a
bNOBO	315531	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	open	late	CES203.375a
bNOBO	315521	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	open	mid	CES203.375a
bNOBO	107711	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory	early succ	early	CES203.284b
bNOBO	307731	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory	open	late	CES203.284b
bNOBO	307721	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory	open	mid	CES203.284b
bNOBO	107611	Florida Longleaf Pine Sandhill- Open Understory	early succ	early	CES203.284a
bNOBO	307631	Florida Longleaf Pine Sandhill- Open Understory	open	late	CES203.284a
bNOBO	307621	Florida Longleaf Pine Sandhill- Open Understory	open	mid	CES203.284a
bNOBO	1720	Other - Herbaceous	early succ	n/a	SEGAP720
bNOBO	1810	Pasture/Hay	early succ	n/a	SEGAP810
bNOBO	120511	Public Clearcut - Grassland/Herbaceous	early succ	early	SEGAP420
bNOBO	320511	Public Clearcut - Grassland/Herbaceous	open	early	SEGAP420
bNOBO	320531	Public Clearcut - Grassland/Herbaceous	open	late	SEGAP420
bNOBO	320521	Public Clearcut - Grassland/Herbaceous	open	mid	SEGAP420
bNOBO	120611	Public Successional Shrub/Scrub (Clear Cut)	early succ	early	SEGAP420
bNOBO	320611	Public Successional Shrub/Scrub (Clear Cut)	open	early	SEGAP420
bNOBO	320631	Public Successional Shrub/Scrub (Clear Cut)	open	late	SEGAP420
bNOBO	320621	Public Successional Shrub/Scrub (Clear Cut)	open	mid	SEGAP420
bNOBO	117011	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	early succ	early	CES202.339b
bNOBO	317031	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	open	late	CES202.339b
bNOBO	317021	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	open	mid	CES202.339b
bNOBO	120311	Successional Shrub/Scrub (Clear Cut)	early succ	early	SEGAP511
bNOBO	120321	Successional Shrub/Scrub (Clear Cut)	early succ	mid	SEGAP511
bNOBO	320311	Successional Shrub/Scrub (Clear Cut)	open	early	SEGAP511
bNOBO	320331	Successional Shrub/Scrub (Clear Cut)	open	late	SEGAP511
bNOBO	320321	Successional Shrub/Scrub (Clear Cut)	open	mid	SEGAP511
bNOBO	1513	Successional Shrub/Scrub (Other)	early succ	n/a	SEGAP513
bNOBO	1512	Successional Shrub/Scrub (Utility Swath)	n/a	n/a	SEGAP512
bNOBO	1323	Utility Swath - Herbaceous	early succ	n/a	SEGAP730
bNOPA	218331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	late	CES203.247a
bNOPA	218321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	mid	CES203.247a
bNOPA	318331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	late	CES203.247a
bNOPA	318321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	mid	CES203.247a
bNOPA	214431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	late	CES203.248
bNOPA	214421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	mid	CES203.248
bNOPA	314431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	late	CES203.248
bNOPA	314421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	mid	CES203.248
bNOPA	216231	Atlantic Coastal Plain Central Maritime Forest	closed	late	CES203.261
bNOPA	216221	Atlantic Coastal Plain Central Maritime Forest	closed	mid	CES203.261
bNOPA	316231	Atlantic Coastal Plain Central Maritime Forest	open	late	CES203.261
bNOPA	316221	Atlantic Coastal Plain Central Maritime Forest	open	mid	CES203.261
bNOPA	218831	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	closed	late	CES203.242
bNOPA	218821	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	closed	mid	CES203.242
bNOPA	318831	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	open	late	CES203.242
bNOPA	318821	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	open	mid	CES203.242
bNOPA	217831	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	late	CES203.304b
bNOPA	217832	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	late	CES203.304b
bNOPA	217821	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	mid	CES203.304b
bNOPA	217822	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	mid	CES203.304b
bNOPA	317831	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	late	CES203.304b
bNOPA	317821	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	mid	CES203.304b
bNOPA	215231	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	late	CES203.304a
bNOPA	215232	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	late	CES203.304a
bNOPA	215221	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	mid	CES203.304a
bNOPA	215222	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	mid	CES203.304a
bNOPA	216131	Atlantic Coastal Plain Northern Maritime Forest	closed	late	CES203.302
bNOPA	216121	Atlantic Coastal Plain Northern Maritime Forest	closed	mid	CES203.302
bNOPA	316131	Atlantic Coastal Plain Northern Maritime Forest	open	late	CES203.302

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bNOPA	217731	Atlantic Coastal Plain Northern Tidal Wooded Swamp	closed	late	CES203.282
bNOPA	217721	Atlantic Coastal Plain Northern Tidal Wooded Swamp	closed	mid	CES203.282
bNOPA	317731	Atlantic Coastal Plain Northern Tidal Wooded Swamp	open	late	CES203.282
bNOPA	218531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	late	CES203.249
bNOPA	218521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	mid	CES203.249
bNOPA	318531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	late	CES203.249
bNOPA	318521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	mid	CES203.249
bNOPA	215431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	late	CES203.250
bNOPA	215421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	mid	CES203.250
bNOPA	315431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	late	CES203.250
bNOPA	315421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	mid	CES203.250
bNOPA	215831	Atlantic Coastal Plain Southern Maritime Forest	closed	late	CES203.537
bNOPA	215821	Atlantic Coastal Plain Southern Maritime Forest	closed	mid	CES203.537
bNOPA	315831	Atlantic Coastal Plain Southern Maritime Forest	open	late	CES203.537
bNOPA	315821	Atlantic Coastal Plain Southern Maritime Forest	open	mid	CES203.537
bNOPA	215331	Atlantic Coastal Plain Southern Tidal Wooded Swamp	closed	late	CES203.240
bNOPA	215321	Atlantic Coastal Plain Southern Tidal Wooded Swamp	closed	mid	CES203.240
bNOPA	1300	Deciduous Plantations	early succ	n/a	SEGAP410
bNOPA	214831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	late	CES203.489a
bNOPA	214821	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	mid	CES203.489a
bNOPA	314831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	open	late	CES203.489a
bNOPA	214631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	late	CES203.559
bNOPA	214621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	mid	CES203.559
bNOPA	314631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	late	CES203.559
bNOPA	314621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	mid	CES203.559
bNOPA	225031	East Gulf Coastal Plain Tidal Wooded Swamp	closed	late	CES203.299
bNOPA	225021	East Gulf Coastal Plain Tidal Wooded Swamp	closed	mid	CES203.299
bNOPA	207931	EGCP Maritime Forest	closed	late	CES203.503
bNOPA	207921	EGCP Maritime Forest	closed	mid	CES203.503
bNOPA	307931	EGCP Maritime Forest	open	late	CES203.503
bNOPA	307921	EGCP Maritime Forest	open	mid	CES203.503
bNOPA	214031	Mississippi River Riparian Forest	closed	late	CES203.190
bNOPA	214021	Mississippi River Riparian Forest	closed	mid	CES203.190
bNOPA	214731	Southern Coastal Plain Blackwater River Floodplain Forest	closed	late	CES203.493
bNOPA	214721	Southern Coastal Plain Blackwater River Floodplain Forest	closed	mid	CES203.493
bNOPA	314731	Southern Coastal Plain Blackwater River Floodplain Forest	open	late	CES203.493
bNOPA	219431	Southern Coastal Plain Hydric Hammock	closed	late	CES203.501
bNOPA	219421	Southern Coastal Plain Hydric Hammock	closed	mid	CES203.501
bNOPA	216431	Southern Coastal Plain Nonriverine Cypress Dome	closed	late	CES203.251
bNOPA	216421	Southern Coastal Plain Nonriverine Cypress Dome	closed	mid	CES203.251
bNOPA	316431	Southern Coastal Plain Nonriverine Cypress Dome	open	late	CES203.251
bNOPA	316421	Southern Coastal Plain Nonriverine Cypress Dome	open	mid	CES203.251
bNOPA	236931	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	closed	late	CES203.384a
bNOPA	236932	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	closed	late	CES203.384a
bNOPA	236921	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	closed	mid	CES203.384a
bNOPA	236922	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	closed	mid	CES203.384a
bNOPA	216531	Southern Piedmont Large Floodplain Forest - Forest Modifier	closed	late	CES202.324a
bNOPA	216521	Southern Piedmont Large Floodplain Forest - Forest Modifier	closed	mid	CES202.324a
bNOPA	316531	Southern Piedmont Large Floodplain Forest - Forest Modifier	open	late	CES202.324a
bNOPA	316521	Southern Piedmont Large Floodplain Forest - Forest Modifier	open	mid	CES202.324a
bNOPA	216931	Southern Piedmont Mesic Forest	closed	late	CES202.342
bNOPA	216921	Southern Piedmont Mesic Forest	closed	mid	CES202.342
bNOPA	316931	Southern Piedmont Mesic Forest	open	late	CES202.342
bNOPA	316921	Southern Piedmont Mesic Forest	open	mid	CES202.342
bNOPA	216821	Southern Piedmont Small Floodplain and Riparian Forest	closed	mid	CES202.323
bNOPA	316831	Southern Piedmont Small Floodplain and Riparian Forest	open	late	CES202.323
bNOPA	316821	Southern Piedmont Small Floodplain and Riparian Forest	open	mid	CES202.323
bNOPI	121711	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	early	CES203.258
bNOPI	1217	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	n/a	CES203.258
bNOPI	118211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	early succ	early	CES203.270
bNOPI	318211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bNOPI	318212	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bNOPI	318221	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270
bNOPI	318222	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270
bNOPI	1318	Atlantic Coastal Plain Depression Pondshore	early succ	n/a	CES203.262
bNOPI	124611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	early succ	early	CES203.260
bNOPI	324611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	early	CES203.260
bNOPI	324621	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	mid	CES203.260
bNOPI	324622	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	mid	CES203.260
bNOPI	121911	Atlantic Coastal Plain Large Natural Lakeshore	early succ	early	CES203.044
bNOPI	321921	Atlantic Coastal Plain Large Natural Lakeshore	open	mid	CES203.044
bNOPI	124811	Atlantic Coastal Plain Northern Tidal Salt Marsh	early succ	early	CES203.519
bNOPI	324811	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	early	CES203.519
bNOPI	324821	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	mid	CES203.519
bNOPI	324822	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	mid	CES203.519
bNOPI	117911	Atlantic Coastal Plain Peatland Pocosin	early succ	early	CES203.267
bNOPI	317911	Atlantic Coastal Plain Peatland Pocosin	open	early	CES203.267
bNOPI	317931	Atlantic Coastal Plain Peatland Pocosin	open	late	CES203.267

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bNOPI	317921	Atlantic Coastal Plain Peatland Pocosin	open	mid	CES203.267
bNOPI	117111	Atlantic Coastal Plain Xeric River Dune	early succ	early	CES203.497
bNOPI	317131	Atlantic Coastal Plain Xeric River Dune	open	late	CES203.497
bNOPI	317121	Atlantic Coastal Plain Xeric River Dune	open	mid	CES203.497
bNOPI	1324	East Gulf Coastal Plain Southern Depression Pondshore	early succ	n/a	CES203.504
bNOPI	122811	Floridian Highlands Freshwater Marsh	early succ	early	CES203.077
bNOPI	1112	Open Water (Brackish/Salt)	early succ	n/a	SEGAP112
bNOPI	1111	Open Water (Fresh)	early succ	n/a	SEGAP111
bNOPI	1810	Pasture/Hay	early succ	n/a	SEGAP810
bNOPI	1820	Row Crop	early succ	n/a	SEGAP820
bNOPI	118011	Southern Coastal Plain Seepage Swamp and Baygall	early succ	early	CES203.505
bNOPI	318031	Southern Coastal Plain Seepage Swamp and Baygall	open	late	CES203.505
bNOPI	318021	Southern Coastal Plain Seepage Swamp and Baygall	open	mid	CES203.505
bNSTS	121711	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	early	CES203.258
bNSTS	1217	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	n/a	CES203.258
bNSTS	121311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	early	CES203.376
bNSTS	1213	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.376
bNSTS	321311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bNSTS	321312	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bNSTS	321321	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
bNSTS	321322	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
bNSTS	118211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	early succ	early	CES203.270
bNSTS	318211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bNSTS	318212	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bNSTS	318221	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270
bNSTS	318222	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270
bNSTS	121411	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	early succ	early	CES203.259
bNSTS	321411	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	early	CES203.259
bNSTS	321421	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	mid	CES203.259
bNSTS	321422	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	mid	CES203.259
bNSTS	124611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	early succ	early	CES203.260
bNSTS	324611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	early	CES203.260
bNSTS	324621	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	mid	CES203.260
bNSTS	324622	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	mid	CES203.260
bNSTS	316011	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	early	CES203.264
bNSTS	316021	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
bNSTS	316022	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
bNSTS	316311	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	early	CES203.516
bNSTS	316312	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	early	CES203.516
bNSTS	316321	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	mid	CES203.516
bNSTS	316322	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	mid	CES203.516
bNSTS	124811	Atlantic Coastal Plain Northern Tidal Salt Marsh	early succ	early	CES203.519
bNSTS	324811	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	early	CES203.519
bNSTS	324821	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	mid	CES203.519
bNSTS	324822	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	mid	CES203.519
bNSTS	315911	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	early	CES203.273
bNSTS	315921	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bNSTS	315922	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bNSTS	114131	East Gulf Coastal Plain Dune and Coastal Grassland	early succ	late	CES203.500
bNSTS	114121	East Gulf Coastal Plain Dune and Coastal Grassland	early succ	mid	CES203.500
bNSTS	1216	Florida Big Bend Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.507
bNSTS	1249	Florida Big Bend Salt-Brackish Tidal Marsh	early succ	n/a	CES203.508
bPABU	121711	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	early	CES203.258
bPABU	1217	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	n/a	CES203.258
bPABU	116211	Atlantic Coastal Plain Central Maritime Forest	early succ	early	CES203.261
bPABU	316221	Atlantic Coastal Plain Central Maritime Forest	open	mid	CES203.261
bPABU	109111	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	early succ	early	CES203.254a
bPABU	309121	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	open	mid	CES203.254a
bPABU	119211	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	early succ	early	CES203.254b
bPABU	319221	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	open	mid	CES203.254b
bPABU	316011	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	early	CES203.264
bPABU	316021	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
bPABU	316022	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
bPABU	116111	Atlantic Coastal Plain Northern Maritime Forest	early succ	early	CES203.302
bPABU	116122	Atlantic Coastal Plain Northern Maritime Forest	early succ	mid	CES203.302
bPABU	315911	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	early	CES203.273
bPABU	315921	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bPABU	315922	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bPABU	115811	Atlantic Coastal Plain Southern Maritime Forest	early succ	early	CES203.537
bPABU	315821	Atlantic Coastal Plain Southern Maritime Forest	open	mid	CES203.537
bPABU	120211	Clearcut - Grassland/Herbaceous	early succ	early	SEGAP710
bPABU	320211	Clearcut - Grassland/Herbaceous	open	early	SEGAP710
bPABU	320221	Clearcut - Grassland/Herbaceous	open	mid	SEGAP710
bPABU	1211	Developed Open Space	early succ	n/a	SEGAP211
bPABU	114131	East Gulf Coastal Plain Dune and Coastal Grassland	early succ	late	CES203.500
bPABU	114121	East Gulf Coastal Plain Dune and Coastal Grassland	early succ	mid	CES203.500
bPABU	107911	EGCP Maritime Forest	early succ	early	CES203.503

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bPABU	307921	EGCP Maritime Forest	open	mid	CES203.503
bPABU	1220	Low Intensity Developed	early succ	n/a	SEGAP220
bPABU	1720	Other - Herbaceous	early succ	n/a	SEGAP720
bPABU	1810	Pasture/Hay	early succ	n/a	SEGAP810
bPABU	120511	Public Clearcut - Grassland/Herbaceous	early succ	early	SEGAP420
bPABU	320511	Public Clearcut - Grassland/Herbaceous	open	early	SEGAP420
bPABU	320521	Public Clearcut - Grassland/Herbaceous	open	mid	SEGAP420
bPABU	120611	Public Successional Shrub/Scrub (Clear Cut)	early succ	early	SEGAP420
bPABU	320611	Public Successional Shrub/Scrub (Clear Cut)	open	early	SEGAP420
bPABU	320621	Public Successional Shrub/Scrub (Clear Cut)	open	mid	SEGAP420
bPABU	119411	Southern Coastal Plain Hydric Hammock	early succ	early	CES203.501
bPABU	109911	Southern Coastal Plain Oak Dome and Hammock	early succ	early	CES203.494
bPABU	309921	Southern Coastal Plain Oak Dome and Hammock	open	mid	CES203.494
bPABU	120311	Successional Shrub/Scrub (Clear Cut)	early succ	early	SEGAP511
bPABU	120321	Successional Shrub/Scrub (Clear Cut)	early succ	mid	SEGAP511
bPABU	320311	Successional Shrub/Scrub (Clear Cut)	open	early	SEGAP511
bPABU	320321	Successional Shrub/Scrub (Clear Cut)	open	mid	SEGAP511
bPABU	1513	Successional Shrub/Scrub (Other)	early succ	n/a	SEGAP513
bPABU	1512	Successional Shrub/Scrub (Utility Swath)	n/a	n/a	SEGAP512
bPABU	1323	Utility Swath - Herbaceous	early succ	n/a	SEGAP730
bPIPL	121711	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	early	CES203.258
bPIPL	1217	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	n/a	CES203.258
bPIPL	118211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	early succ	early	CES203.270
bPIPL	318211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bPIPL	318212	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bPIPL	318221	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270
bPIPL	318222	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270
bPIPL	124611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	early succ	early	CES203.260
bPIPL	324611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	early	CES203.260
bPIPL	324621	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	mid	CES203.260
bPIPL	324622	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	mid	CES203.260
bPIPL	316011	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	early	CES203.264
bPIPL	316021	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
bPIPL	316022	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
bPIPL	124811	Atlantic Coastal Plain Northern Tidal Salt Marsh	early succ	early	CES203.519
bPIPL	324811	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	early	CES203.519
bPIPL	324821	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	mid	CES203.519
bPIPL	324822	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	mid	CES203.519
bPIPL	1314	Atlantic Coastal Plain Sea Island Beach	n/a	n/a	CES203.383
bPIPL	315911	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	early	CES203.273
bPIPL	315921	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bPIPL	315922	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bPIPL	1322	Unconsolidated Shore (Beach/Dune)	n/a	n/a	SEGAP322
bPRAW	121711	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	early	CES203.258
bPRAW	1217	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	n/a	CES203.258
bPRAW	109011	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	early succ	early	CES203.254c
bPRAW	119211	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	early succ	early	CES203.254b
bPRAW	216031	Atlantic Coastal Plain Northern Dune and Maritime Grassland	closed	late	CES203.264
bPRAW	216032	Atlantic Coastal Plain Northern Dune and Maritime Grassland	closed	late	CES203.264
bPRAW	316011	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	early	CES203.264
bPRAW	316021	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
bPRAW	316022	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
bPRAW	215931	Atlantic Coastal Plain Southern Dune and Maritime Grassland	closed	late	CES203.273
bPRAW	215932	Atlantic Coastal Plain Southern Dune and Maritime Grassland	closed	late	CES203.273
bPRAW	315911	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	early	CES203.273
bPRAW	315921	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bPRAW	315922	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bPRAW	117111	Atlantic Coastal Plain Xeric River Dune	early succ	early	CES203.497
bPRAW	220231	Clearcut - Grassland/Herbaceous	closed	late	SEGAP710
bPRAW	220221	Clearcut - Grassland/Herbaceous	closed	mid	SEGAP710
bPRAW	120211	Clearcut - Grassland/Herbaceous	early succ	early	SEGAP710
bPRAW	320211	Clearcut - Grassland/Herbaceous	open	early	SEGAP710
bPRAW	320231	Clearcut - Grassland/Herbaceous	open	late	SEGAP710
bPRAW	320221	Clearcut - Grassland/Herbaceous	open	mid	SEGAP710
bPRAW	1211	Developed Open Space	early succ	n/a	SEGAP211
bPRAW	114131	East Gulf Coastal Plain Dune and Coastal Grassland	early succ	late	CES203.500
bPRAW	114121	East Gulf Coastal Plain Dune and Coastal Grassland	early succ	mid	CES203.500
bPRAW	116711	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	early succ	early	CES203.496c
bPRAW	109611	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub	early succ	early	CES203.496b
bPRAW	120111	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	early succ	early	SEGAP420
bPRAW	320111	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	open	early	SEGAP420
bPRAW	107711	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory	early succ	early	CES203.284b
bPRAW	1720	Other - Herbaceous	early succ	n/a	SEGAP720
bPRAW	1810	Pasture/Hay	early succ	n/a	SEGAP810
bPRAW	220521	Public Clearcut - Grassland/Herbaceous	closed	mid	SEGAP420
bPRAW	120511	Public Clearcut - Grassland/Herbaceous	early succ	early	SEGAP420
bPRAW	320511	Public Clearcut - Grassland/Herbaceous	open	early	SEGAP420

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bPRAW	320531	Public Clearcut - Grassland/Herbaceous	open	late	SEGAP420
bPRAW	320521	Public Clearcut - Grassland/Herbaceous	open	mid	SEGAP420
bPRAW	120411	Public Evergreen Plantations or Managed Pine (can include dense successional regrowth)	early succ	early	SEGAP420
bPRAW	320411	Public Evergreen Plantations or Managed Pine (can include dense successional regrowth)	open	early	SEGAP420
bPRAW	120611	Public Successional Shrub/Scrub (Clear Cut)	early succ	early	SEGAP420
bPRAW	320611	Public Successional Shrub/Scrub (Clear Cut)	open	early	SEGAP420
bPRAW	1207	South Florida Mangrove Swamp	early succ	n/a	CES411.289
bPRAW	117011	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	early succ	early	CES202.339b
bPRAW	120311	Successional Shrub/Scrub (Clear Cut)	early succ	early	SEGAP511
bPRAW	120321	Successional Shrub/Scrub (Clear Cut)	early succ	mid	SEGAP511
bPRAW	320311	Successional Shrub/Scrub (Clear Cut)	open	early	SEGAP511
bPRAW	1513	Successional Shrub/Scrub (Other)	early succ	n/a	SEGAP513
bPRAW	1512	Successional Shrub/Scrub (Utility Swath)	n/a	n/a	SEGAP512
bPRAW	1323	Utility Swath - Herbaceous	early succ	n/a	SEGAP730
bPROW	218331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	late	CES203.247a
bPROW	218321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	mid	CES203.247a
bPROW	318331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	late	CES203.247a
bPROW	318321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	mid	CES203.247a
bPROW	214431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	late	CES203.248
bPROW	214421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	mid	CES203.248
bPROW	314431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	late	CES203.248
bPROW	314421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	mid	CES203.248
bPROW	219031	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	closed	late	CES203.245a
bPROW	219032	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	closed	late	CES203.245a
bPROW	219021	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	closed	mid	CES203.245a
bPROW	319031	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	open	late	CES203.245a
bPROW	319021	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	open	mid	CES203.245a
bPROW	221932	Atlantic Coastal Plain Large Natural Lakeshore	closed	late	CES203.044
bPROW	321921	Atlantic Coastal Plain Large Natural Lakeshore	open	mid	CES203.044
bPROW	217831	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	late	CES203.304b
bPROW	217832	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	late	CES203.304b
bPROW	217821	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	mid	CES203.304b
bPROW	217822	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	mid	CES203.304b
bPROW	317831	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	late	CES203.304b
bPROW	317821	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	mid	CES203.304b
bPROW	215231	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	late	CES203.304a
bPROW	215232	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	late	CES203.304a
bPROW	215221	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	mid	CES203.304a
bPROW	215222	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	mid	CES203.304a
bPROW	215131	Atlantic Coastal Plain Northern Basin Swamp and Wet Hardwood Forest	closed	late	CES203.520
bPROW	215121	Atlantic Coastal Plain Northern Basin Swamp and Wet Hardwood Forest	closed	mid	CES203.520
bPROW	217731	Atlantic Coastal Plain Northern Tidal Wooded Swamp	closed	late	CES203.282
bPROW	217721	Atlantic Coastal Plain Northern Tidal Wooded Swamp	closed	mid	CES203.282
bPROW	317731	Atlantic Coastal Plain Northern Tidal Wooded Swamp	open	late	CES203.282
bPROW	218531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	late	CES203.249
bPROW	218521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	mid	CES203.249
bPROW	318531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	late	CES203.249
bPROW	318521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	mid	CES203.249
bPROW	215431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	late	CES203.250
bPROW	215421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	mid	CES203.250
bPROW	315431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	late	CES203.250
bPROW	315421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	mid	CES203.250
bPROW	215331	Atlantic Coastal Plain Southern Tidal Wooded Swamp	closed	late	CES203.240
bPROW	215321	Atlantic Coastal Plain Southern Tidal Wooded Swamp	closed	mid	CES203.240
bPROW	218431	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	closed	late	CES203.252
bPROW	218421	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	closed	mid	CES203.252
bPROW	318431	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	open	late	CES203.252
bPROW	318421	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	open	mid	CES203.252
bPROW	214831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	late	CES203.489a
bPROW	214821	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	mid	CES203.489a
bPROW	314831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	open	late	CES203.489a
bPROW	215631	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Offsite Hardwood	closed	late	CES203.375c
bPROW	215621	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Offsite Hardwood	closed	mid	CES203.375c
bPROW	315631	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Offsite Hardwood	open	late	CES203.375c
bPROW	315621	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Offsite Hardwood	open	mid	CES203.375c
bPROW	214631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	late	CES203.559
bPROW	214621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	mid	CES203.559
bPROW	314631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	late	CES203.559
bPROW	314621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	mid	CES203.559
bPROW	225031	East Gulf Coastal Plain Tidal Wooded Swamp	closed	late	CES203.299
bPROW	225021	East Gulf Coastal Plain Tidal Wooded Swamp	closed	mid	CES203.299
bPROW	214031	Mississippi River Riparian Forest	closed	late	CES203.190
bPROW	214021	Mississippi River Riparian Forest	closed	mid	CES203.190
bPROW	1111	Open Water (Fresh)	early succ	n/a	SEGAP111
bPROW	214731	Southern Coastal Plain Blackwater River Floodplain Forest	closed	late	CES203.493
bPROW	214721	Southern Coastal Plain Blackwater River Floodplain Forest	closed	mid	CES203.493
bPROW	314731	Southern Coastal Plain Blackwater River Floodplain Forest	open	late	CES203.493
bPROW	219431	Southern Coastal Plain Hydric Hammock	closed	late	CES203.501

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bPROW	219421	Southern Coastal Plain Hydric Hammock	closed	mid	CES203.501
bPROW	215031	Southern Coastal Plain Nonriverine Basin Swamp	closed	late	CES203.384
bPROW	215021	Southern Coastal Plain Nonriverine Basin Swamp	closed	mid	CES203.384
bPROW	237031	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	closed	late	CES203.384b
bPROW	237021	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	closed	mid	CES203.384b
bPROW	216431	Southern Coastal Plain Nonriverine Cypress Dome	closed	late	CES203.251
bPROW	216421	Southern Coastal Plain Nonriverine Cypress Dome	closed	mid	CES203.251
bPROW	316431	Southern Coastal Plain Nonriverine Cypress Dome	open	late	CES203.251
bPROW	316421	Southern Coastal Plain Nonriverine Cypress Dome	open	mid	CES203.251
bPROW	236931	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	closed	late	CES203.384a
bPROW	236932	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	closed	late	CES203.384a
bPROW	236921	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	closed	mid	CES203.384a
bPROW	236922	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	closed	mid	CES203.384a
bPROW	218031	Southern Coastal Plain Seepage Swamp and Baygall	closed	late	CES203.505
bPROW	218021	Southern Coastal Plain Seepage Swamp and Baygall	closed	mid	CES203.505
bPROW	318031	Southern Coastal Plain Seepage Swamp and Baygall	open	late	CES203.505
bPROW	318021	Southern Coastal Plain Seepage Swamp and Baygall	open	mid	CES203.505
bPROW	216531	Southern Piedmont Large Floodplain Forest - Forest Modifier	closed	late	CES202.324a
bPROW	216521	Southern Piedmont Large Floodplain Forest - Forest Modifier	closed	mid	CES202.324a
bPROW	316531	Southern Piedmont Large Floodplain Forest - Forest Modifier	open	late	CES202.324a
bPROW	316521	Southern Piedmont Large Floodplain Forest - Forest Modifier	open	mid	CES202.324a
bPROW	216821	Southern Piedmont Small Floodplain and Riparian Forest	closed	mid	CES202.323
bPROW	316831	Southern Piedmont Small Floodplain and Riparian Forest	open	late	CES202.323
bPROW	316821	Southern Piedmont Small Floodplain and Riparian Forest	open	mid	CES202.323
bRCWO	309031	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	open	late	CES203.254c
bRCWO	309021	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	open	mid	CES203.254c
bRCWO	309131	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	open	late	CES203.254a
bRCWO	309121	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	open	mid	CES203.254a
bRCWO	319231	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	open	late	CES203.254b
bRCWO	319131	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	open	late	CES203.536
bRCWO	319121	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	open	mid	CES203.536
bRCWO	319331	Atlantic Coastal Plain Upland Longleaf Pine Woodland	open	late	CES203.281
bRCWO	319321	Atlantic Coastal Plain Upland Longleaf Pine Woodland	open	mid	CES203.281
bRCWO	318131	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	open	late	CES203.505
bRCWO	318121	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	open	mid	CES203.505
bRCWO	316731	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	open	late	CES203.496c
bRCWO	316721	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	open	mid	CES203.496c
bRCWO	309531	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	open	late	CES203.496a
bRCWO	309521	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	open	mid	CES203.496a
bRCWO	309631	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub	open	late	CES203.496b
bRCWO	315531	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	open	late	CES203.375a
bRCWO	315521	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	open	mid	CES203.375a
bRCWO	314231	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Scrub/Shrub	open	late	CES203.375b
bRCWO	307731	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory	open	late	CES203.284b
bRCWO	307631	Florida Longleaf Pine Sandhill- Open Understory	open	late	CES203.284a
bRCWO	307621	Florida Longleaf Pine Sandhill- Open Understory	open	mid	CES203.284a
bREDH	121711	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	early	CES203.258
bREDH	1217	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	n/a	CES203.258
bREDH	121311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	early	CES203.376
bREDH	1213	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.376
bREDH	321311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bREDH	321312	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bREDH	321321	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
bREDH	321322	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
bREDH	218221	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	closed	mid	CES203.270
bREDH	118211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	early succ	early	CES203.270
bREDH	318211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bREDH	318212	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bREDH	318221	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270
bREDH	318222	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270
bREDH	121411	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	early succ	early	CES203.259
bREDH	321411	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	early	CES203.259
bREDH	321421	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	mid	CES203.259
bREDH	321422	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	mid	CES203.259
bREDH	124611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	early succ	early	CES203.260
bREDH	324611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	early	CES203.260
bREDH	324621	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	mid	CES203.260
bREDH	324622	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	mid	CES203.260
bREDH	221932	Atlantic Coastal Plain Large Natural Lakeshore	closed	late	CES203.044
bREDH	121911	Atlantic Coastal Plain Large Natural Lakeshore	early succ	early	CES203.044
bREDH	321921	Atlantic Coastal Plain Large Natural Lakeshore	open	mid	CES203.044
bREDH	316311	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	early	CES203.516
bREDH	316312	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	early	CES203.516
bREDH	316321	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	mid	CES203.516
bREDH	316322	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	mid	CES203.516
bREDH	124811	Atlantic Coastal Plain Northern Tidal Salt Marsh	early succ	early	CES203.519
bREDH	324811	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	early	CES203.519

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bREDH	324821	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	mid	CES203.519
bREDH	324822	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	mid	CES203.519
bREDH	217731	Atlantic Coastal Plain Northern Tidal Wooded Swamp	closed	late	CES203.282
bREDH	217721	Atlantic Coastal Plain Northern Tidal Wooded Swamp	closed	mid	CES203.282
bREDH	117711	Atlantic Coastal Plain Northern Tidal Wooded Swamp	early succ	early	CES203.282
bREDH	317731	Atlantic Coastal Plain Northern Tidal Wooded Swamp	open	late	CES203.282
bREDH	215331	Atlantic Coastal Plain Southern Tidal Wooded Swamp	closed	late	CES203.240
bREDH	215321	Atlantic Coastal Plain Southern Tidal Wooded Swamp	closed	mid	CES203.240
bREDH	115311	Atlantic Coastal Plain Southern Tidal Wooded Swamp	early succ	early	CES203.240
bREDH	217131	Atlantic Coastal Plain Xeric River Dune	closed	late	CES203.497
bREDH	217121	Atlantic Coastal Plain Xeric River Dune	closed	mid	CES203.497
bREDH	117111	Atlantic Coastal Plain Xeric River Dune	early succ	early	CES203.497
bREDH	317131	Atlantic Coastal Plain Xeric River Dune	open	late	CES203.497
bREDH	317121	Atlantic Coastal Plain Xeric River Dune	open	mid	CES203.497
bREDH	225031	East Gulf Coastal Plain Tidal Wooded Swamp	closed	late	CES203.299
bREDH	225021	East Gulf Coastal Plain Tidal Wooded Swamp	closed	mid	CES203.299
bREDH	125011	East Gulf Coastal Plain Tidal Wooded Swamp	early succ	early	CES203.299
bREDH	1216	Florida Big Bend Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.507
bREDH	1249	Florida Big Bend Salt-Brackish Tidal Marsh	early succ	n/a	CES203.508
bREDH	1112	Open Water (Brackish/Salt)	early succ	n/a	SEGAP112
bREDH	1111	Open Water (Fresh)	early succ	n/a	SEGAP111
bREDH	1207	South Florida Mangrove Swamp	early succ	n/a	CES411.289
bREDH	1321	Unconsolidated Shore (Lake/River/Pond)	early succ	n/a	SEGAP321
bREKN	121711	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	early	CES203.258
bREKN	1217	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	n/a	CES203.258
bREKN	121311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	early	CES203.376
bREKN	1213	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.376
bREKN	321311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bREKN	321312	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bREKN	321321	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
bREKN	321322	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
bREKN	218221	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	closed	mid	CES203.270
bREKN	118211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	early succ	early	CES203.270
bREKN	318211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bREKN	318212	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bREKN	318221	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270
bREKN	318222	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270
bREKN	321411	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	early	CES203.259
bREKN	321421	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	mid	CES203.259
bREKN	321422	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	mid	CES203.259
bREKN	124611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	early succ	early	CES203.260
bREKN	324611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	early	CES203.260
bREKN	324621	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	mid	CES203.260
bREKN	324622	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	mid	CES203.260
bREKN	216031	Atlantic Coastal Plain Northern Dune and Maritime Grassland	closed	late	CES203.264
bREKN	216032	Atlantic Coastal Plain Northern Dune and Maritime Grassland	closed	late	CES203.264
bREKN	316311	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	early	CES203.516
bREKN	316312	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	early	CES203.516
bREKN	316321	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	mid	CES203.516
bREKN	316322	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	mid	CES203.516
bREKN	1314	Atlantic Coastal Plain Sea Island Beach	n/a	n/a	CES203.383
bREKN	1315	Atlantic Coastal Plain Southern Beach	n/a	n/a	CES203.535
bREKN	215931	Atlantic Coastal Plain Southern Dune and Maritime Grassland	closed	late	CES203.273
bREKN	215932	Atlantic Coastal Plain Southern Dune and Maritime Grassland	closed	late	CES203.273
bREKN	315911	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	early	CES203.273
bREKN	315921	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bREKN	315922	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bREKN	114131	East Gulf Coastal Plain Dune and Coastal Grassland	early succ	late	CES203.500
bREKN	114121	East Gulf Coastal Plain Dune and Coastal Grassland	early succ	mid	CES203.500
bREKN	1216	Florida Big Bend Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.507
bREKN	1249	Florida Big Bend Salt-Brackish Tidal Marsh	early succ	n/a	CES203.508
bREKN	1412	Florida Panhandle Beach Vegetation	n/a	n/a	CES203.266
bREKN	1112	Open Water (Brackish/Salt)	early succ	n/a	SEGAP112
bREKN	1316	Southwest Florida Beach	n/a	n/a	CES411.276
bREKN	1322	Unconsolidated Shore (Beach/Dune)	n/a	n/a	SEGAP322
bREKN	1321	Unconsolidated Shore (Lake/River/Pond)	early succ	n/a	SEGAP321
bRHWO	218331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	late	CES203.247a
bRHWO	218321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	mid	CES203.247a
bRHWO	118311	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	early succ	early	CES203.247a
bRHWO	318311	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	early	CES203.247a
bRHWO	318331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	late	CES203.247a
bRHWO	318321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	mid	CES203.247a
bRHWO	214431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	late	CES203.248
bRHWO	214421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	mid	CES203.248
bRHWO	114411	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	early succ	early	CES203.248
bRHWO	314431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	late	CES203.248
bRHWO	314421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	mid	CES203.248

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bRHW	219031	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	closed	late	CES203.245a
bRHW	219032	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	closed	late	CES203.245a
bRHW	219021	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	closed	mid	CES203.245a
bRHW	119011	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	early succ	early	CES203.245a
bRHW	319031	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	open	late	CES203.245a
bRHW	319021	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	open	mid	CES203.245a
bRHW	218631	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	closed	late	CES203.241
bRHW	218621	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	closed	mid	CES203.241
bRHW	118611	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	early succ	early	CES203.241
bRHW	318631	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	open	late	CES203.241
bRHW	318621	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	open	mid	CES203.241
bRHW	209031	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	closed	late	CES203.254c
bRHW	209021	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	closed	mid	CES203.254c
bRHW	109011	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	early succ	early	CES203.254c
bRHW	309031	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	open	late	CES203.254c
bRHW	309021	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	open	mid	CES203.254c
bRHW	217321	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	closed	mid	CES203.254d
bRHW	117311	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	early succ	early	CES203.254d
bRHW	317331	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	open	late	CES203.254d
bRHW	317321	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	open	mid	CES203.254d
bRHW	209131	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	closed	late	CES203.254a
bRHW	209121	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	closed	mid	CES203.254a
bRHW	109111	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	early succ	early	CES203.254a
bRHW	309131	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	open	late	CES203.254a
bRHW	309121	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	open	mid	CES203.254a
bRHW	219231	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	closed	late	CES203.254b
bRHW	219221	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	closed	mid	CES203.254b
bRHW	119211	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	early succ	early	CES203.254b
bRHW	319231	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	open	late	CES203.254b
bRHW	319221	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	open	mid	CES203.254b
bRHW	218831	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	closed	late	CES203.242
bRHW	218821	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	closed	mid	CES203.242
bRHW	118811	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	early succ	early	CES203.242
bRHW	318831	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	open	late	CES203.242
bRHW	318821	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	open	mid	CES203.242
bRHW	217831	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	late	CES203.304b
bRHW	217832	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	late	CES203.304b
bRHW	217821	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	mid	CES203.304b
bRHW	217822	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	mid	CES203.304b
bRHW	117811	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	early succ	early	CES203.304b
bRHW	317811	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	early	CES203.304b
bRHW	317831	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	late	CES203.304b
bRHW	317821	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	mid	CES203.304b
bRHW	215231	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	late	CES203.304a
bRHW	215232	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	late	CES203.304a
bRHW	215221	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	mid	CES203.304a
bRHW	215222	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	mid	CES203.304a
bRHW	115211	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	early succ	early	CES203.304a
bRHW	315211	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	open	early	CES203.304a
bRHW	215131	Atlantic Coastal Plain Northern Basin Swamp and Wet Hardwood Forest	closed	late	CES203.520
bRHW	215121	Atlantic Coastal Plain Northern Basin Swamp and Wet Hardwood Forest	closed	mid	CES203.520
bRHW	115111	Atlantic Coastal Plain Northern Basin Swamp and Wet Hardwood Forest	early succ	early	CES203.520
bRHW	315111	Atlantic Coastal Plain Northern Basin Swamp and Wet Hardwood Forest	open	early	CES203.520
bRHW	217931	Atlantic Coastal Plain Peatland Pocosin	closed	late	CES203.267
bRHW	217921	Atlantic Coastal Plain Peatland Pocosin	closed	mid	CES203.267
bRHW	117911	Atlantic Coastal Plain Peatland Pocosin	early succ	early	CES203.267
bRHW	317911	Atlantic Coastal Plain Peatland Pocosin	open	early	CES203.267
bRHW	317931	Atlantic Coastal Plain Peatland Pocosin	open	late	CES203.267
bRHW	317921	Atlantic Coastal Plain Peatland Pocosin	open	mid	CES203.267
bRHW	218531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	late	CES203.249
bRHW	218521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	mid	CES203.249
bRHW	118511	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	early succ	early	CES203.249
bRHW	318511	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	early	CES203.249
bRHW	318531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	late	CES203.249
bRHW	318521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	mid	CES203.249
bRHW	215431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	late	CES203.250
bRHW	215421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	mid	CES203.250
bRHW	115411	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	early succ	early	CES203.250
bRHW	315411	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	early	CES203.250
bRHW	315431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	late	CES203.250
bRHW	315421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	mid	CES203.250
bRHW	219131	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	closed	late	CES203.536
bRHW	219121	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	closed	mid	CES203.536
bRHW	119111	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	early succ	early	CES203.536
bRHW	319111	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	open	early	CES203.536
bRHW	319131	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	open	late	CES203.536
bRHW	319121	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	open	mid	CES203.536
bRHW	218431	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	closed	late	CES203.252
bRHW	218421	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	closed	mid	CES203.252

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bRHW	118411	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	early succ	early	CES203.252
bRHW	318431	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	open	late	CES203.252
bRHW	318421	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	open	mid	CES203.252
bRHW	219331	Atlantic Coastal Plain Upland Longleaf Pine Woodland	closed	late	CES203.281
bRHW	219321	Atlantic Coastal Plain Upland Longleaf Pine Woodland	closed	mid	CES203.281
bRHW	119311	Atlantic Coastal Plain Upland Longleaf Pine Woodland	early succ	early	CES203.281
bRHW	319331	Atlantic Coastal Plain Upland Longleaf Pine Woodland	open	late	CES203.281
bRHW	319321	Atlantic Coastal Plain Upland Longleaf Pine Woodland	open	mid	CES203.281
bRHW	218131	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	closed	late	CES203.505
bRHW	218121	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	closed	mid	CES203.505
bRHW	118111	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	early succ	early	CES203.505
bRHW	318111	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	open	early	CES203.505
bRHW	318131	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	open	late	CES203.505
bRHW	318121	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	open	mid	CES203.505
bRHW	214331	Central Florida Pine Flatwoods	closed	late	CES203.382
bRHW	214321	Central Florida Pine Flatwoods	closed	mid	CES203.382
bRHW	114311	Central Florida Pine Flatwoods	early succ	early	CES203.382
bRHW	314331	Central Florida Pine Flatwoods	open	late	CES203.382
bRHW	314321	Central Florida Pine Flatwoods	open	mid	CES203.382
bRHW	220231	Clearcut - Grassland/Herbaceous	closed	late	SEGAP710
bRHW	220221	Clearcut - Grassland/Herbaceous	closed	mid	SEGAP710
bRHW	120211	Clearcut - Grassland/Herbaceous	early succ	early	SEGAP710
bRHW	320211	Clearcut - Grassland/Herbaceous	open	early	SEGAP710
bRHW	320231	Clearcut - Grassland/Herbaceous	open	late	SEGAP710
bRHW	320221	Clearcut - Grassland/Herbaceous	open	mid	SEGAP710
bRHW	1211	Developed Open Space	early succ	n/a	SEGAP211
bRHW	216731	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	closed	late	CES203.496c
bRHW	216721	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	closed	mid	CES203.496c
bRHW	116711	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	early succ	early	CES203.496c
bRHW	316731	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	open	late	CES203.496c
bRHW	316721	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	open	mid	CES203.496c
bRHW	217231	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	closed	late	CES203.496d
bRHW	217221	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	closed	mid	CES203.496d
bRHW	117211	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	early succ	early	CES203.496d
bRHW	317231	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	open	late	CES203.496d
bRHW	317221	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	open	mid	CES203.496d
bRHW	209531	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	closed	late	CES203.496a
bRHW	209521	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	closed	mid	CES203.496a
bRHW	109511	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	early succ	early	CES203.496a
bRHW	309531	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	open	late	CES203.496a
bRHW	309521	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	open	mid	CES203.496a
bRHW	209631	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub	closed	late	CES203.496b
bRHW	209621	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub	closed	mid	CES203.496b
bRHW	109611	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub	early succ	early	CES203.496b
bRHW	309631	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub	open	late	CES203.496b
bRHW	309621	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub	open	mid	CES203.496b
bRHW	214831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	late	CES203.489a
bRHW	214821	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	mid	CES203.489a
bRHW	114811	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	early succ	early	CES203.489a
bRHW	314831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	open	late	CES203.489a
bRHW	217431	East Gulf Coastal Plain Limestone Forest	closed	late	CES203.502
bRHW	217421	East Gulf Coastal Plain Limestone Forest	closed	mid	CES203.502
bRHW	317421	East Gulf Coastal Plain Limestone Forest	open	mid	CES203.502
bRHW	215631	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Offsite Hardwood	closed	late	CES203.375c
bRHW	215621	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Offsite Hardwood	closed	mid	CES203.375c
bRHW	115611	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Offsite Hardwood	early succ	early	CES203.375c
bRHW	315631	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Offsite Hardwood	open	late	CES203.375c
bRHW	315621	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Offsite Hardwood	open	mid	CES203.375c
bRHW	215531	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	closed	late	CES203.375a
bRHW	215521	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	closed	mid	CES203.375a
bRHW	115511	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	early succ	early	CES203.375a
bRHW	315531	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	open	late	CES203.375a
bRHW	315521	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	open	mid	CES203.375a
bRHW	214231	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Scrub/Shrub	closed	late	CES203.375b
bRHW	214221	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Scrub/Shrub	closed	mid	CES203.375b
bRHW	114211	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Scrub/Shrub	early succ	early	CES203.375b
bRHW	314231	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Scrub/Shrub	open	late	CES203.375b
bRHW	314221	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Scrub/Shrub	open	mid	CES203.375b
bRHW	214631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	late	CES203.559
bRHW	214621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	mid	CES203.559
bRHW	114611	East Gulf Coastal Plain Small Stream and River Floodplain Forest	early succ	early	CES203.559
bRHW	314631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	late	CES203.559
bRHW	314621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	mid	CES203.559
bRHW	207731	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory	closed	late	CES203.284b
bRHW	207721	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory	closed	mid	CES203.284b
bRHW	107711	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory	early succ	early	CES203.284b
bRHW	307731	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory	open	late	CES203.284b
bRHW	307721	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory	open	mid	CES203.284b
bRHW	207631	Florida Longleaf Pine Sandhill- Open Understory	closed	late	CES203.284a

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bRHW	207621	Florida Longleaf Pine Sandhill- Open Understory	closed	mid	CES203.284a
bRHW	107611	Florida Longleaf Pine Sandhill- Open Understory	early succ	early	CES203.284a
bRHW	307631	Florida Longleaf Pine Sandhill- Open Understory	open	late	CES203.284a
bRHW	307621	Florida Longleaf Pine Sandhill- Open Understory	open	mid	CES203.284a
bRHW	212431	Florida Peninsula Inland Scrub	closed	late	CES203.057
bRHW	212421	Florida Peninsula Inland Scrub	closed	mid	CES203.057
bRHW	112411	Florida Peninsula Inland Scrub	early succ	early	CES203.057
bRHW	312431	Florida Peninsula Inland Scrub	open	late	CES203.057
bRHW	312421	Florida Peninsula Inland Scrub	open	mid	CES203.057
bRHW	1220	Low Intensity Developed	early succ	n/a	SEGAP220
bRHW	214031	Mississippi River Riparian Forest	closed	late	CES203.190
bRHW	214021	Mississippi River Riparian Forest	closed	mid	CES203.190
bRHW	114011	Mississippi River Riparian Forest	early succ	early	CES203.190
bRHW	1720	Other - Herbaceous	early succ	n/a	SEGAP720
bRHW	1810	Pasture/Hay	early succ	n/a	SEGAP810
bRHW	220521	Public Clearcut - Grassland/Herbaceous	closed	mid	SEGAP420
bRHW	120511	Public Clearcut - Grassland/Herbaceous	early succ	early	SEGAP420
bRHW	320511	Public Clearcut - Grassland/Herbaceous	open	early	SEGAP420
bRHW	320531	Public Clearcut - Grassland/Herbaceous	open	late	SEGAP420
bRHW	320521	Public Clearcut - Grassland/Herbaceous	open	mid	SEGAP420
bRHW	120611	Public Successional Shrub/Scrub (Clear Cut)	early succ	early	SEGAP420
bRHW	320611	Public Successional Shrub/Scrub (Clear Cut)	open	early	SEGAP420
bRHW	320631	Public Successional Shrub/Scrub (Clear Cut)	open	late	SEGAP420
bRHW	320621	Public Successional Shrub/Scrub (Clear Cut)	open	mid	SEGAP420
bRHW	215731	Southern and Central Appalachian Oak Forest	closed	late	CES202.886
bRHW	215721	Southern and Central Appalachian Oak Forest	closed	mid	CES202.886
bRHW	315731	Southern and Central Appalachian Oak Forest	open	late	CES202.886
bRHW	214731	Southern Coastal Plain Blackwater River Floodplain Forest	closed	late	CES203.493
bRHW	214721	Southern Coastal Plain Blackwater River Floodplain Forest	closed	mid	CES203.493
bRHW	114711	Southern Coastal Plain Blackwater River Floodplain Forest	early succ	early	CES203.493
bRHW	314711	Southern Coastal Plain Blackwater River Floodplain Forest	open	early	CES203.493
bRHW	314731	Southern Coastal Plain Blackwater River Floodplain Forest	open	late	CES203.493
bRHW	205731	Southern Coastal Plain Dry Upland Hardwood Forest	closed	late	CES203.560
bRHW	205721	Southern Coastal Plain Dry Upland Hardwood Forest	closed	mid	CES203.560
bRHW	105711	Southern Coastal Plain Dry Upland Hardwood Forest	early succ	early	CES203.560
bRHW	305731	Southern Coastal Plain Dry Upland Hardwood Forest	open	late	CES203.560
bRHW	305721	Southern Coastal Plain Dry Upland Hardwood Forest	open	mid	CES203.560
bRHW	219431	Southern Coastal Plain Hydric Hammock	closed	late	CES203.501
bRHW	219421	Southern Coastal Plain Hydric Hammock	closed	mid	CES203.501
bRHW	119411	Southern Coastal Plain Hydric Hammock	early succ	early	CES203.501
bRHW	215031	Southern Coastal Plain Nonriverine Basin Swamp	closed	late	CES203.384
bRHW	215021	Southern Coastal Plain Nonriverine Basin Swamp	closed	mid	CES203.384
bRHW	115011	Southern Coastal Plain Nonriverine Basin Swamp	early succ	early	CES203.384
bRHW	315011	Southern Coastal Plain Nonriverine Basin Swamp	open	early	CES203.384
bRHW	237031	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	closed	late	CES203.384b
bRHW	237021	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	closed	mid	CES203.384b
bRHW	137011	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	early succ	early	CES203.384b
bRHW	237831	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Clethra Modifier	closed	late	CES203.384e
bRHW	237821	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Clethra Modifier	closed	mid	CES203.384e
bRHW	137811	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Clethra Modifier	early succ	early	CES203.384e
bRHW	237131	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Pine Modifier	closed	late	CES203.384c
bRHW	237121	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Pine Modifier	closed	mid	CES203.384c
bRHW	137111	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Pine Modifier	early succ	early	CES203.384c
bRHW	216431	Southern Coastal Plain Nonriverine Cypress Dome	closed	late	CES203.251
bRHW	216421	Southern Coastal Plain Nonriverine Cypress Dome	closed	mid	CES203.251
bRHW	116411	Southern Coastal Plain Nonriverine Cypress Dome	early succ	early	CES203.251
bRHW	316431	Southern Coastal Plain Nonriverine Cypress Dome	open	late	CES203.251
bRHW	316421	Southern Coastal Plain Nonriverine Cypress Dome	open	mid	CES203.251
bRHW	236931	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	closed	late	CES203.384a
bRHW	236932	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	closed	late	CES203.384a
bRHW	236921	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	closed	mid	CES203.384a
bRHW	236922	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	closed	mid	CES203.384a
bRHW	136911	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	early succ	early	CES203.384a
bRHW	336911	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	open	early	CES203.384a
bRHW	209931	Southern Coastal Plain Oak Dome and Hammock	closed	late	CES203.494
bRHW	209921	Southern Coastal Plain Oak Dome and Hammock	closed	mid	CES203.494
bRHW	109911	Southern Coastal Plain Oak Dome and Hammock	early succ	early	CES203.494
bRHW	309931	Southern Coastal Plain Oak Dome and Hammock	open	late	CES203.494
bRHW	309921	Southern Coastal Plain Oak Dome and Hammock	open	mid	CES203.494
bRHW	218031	Southern Coastal Plain Seepage Swamp and Baygall	closed	late	CES203.505
bRHW	218021	Southern Coastal Plain Seepage Swamp and Baygall	closed	mid	CES203.505
bRHW	118011	Southern Coastal Plain Seepage Swamp and Baygall	early succ	early	CES203.505
bRHW	318031	Southern Coastal Plain Seepage Swamp and Baygall	open	late	CES203.505
bRHW	318021	Southern Coastal Plain Seepage Swamp and Baygall	open	mid	CES203.505
bRHW	206631	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	closed	late	CES202.339a
bRHW	206621	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	closed	mid	CES202.339a
bRHW	106611	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	early succ	early	CES202.339a
bRHW	306631	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	open	late	CES202.339a
bRHW	306621	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	open	mid	CES202.339a

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bRHW	217031	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	closed	late	CES202.339b
bRHW	217021	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	closed	mid	CES202.339b
bRHW	117011	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	early succ	early	CES202.339b
bRHW	317031	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	open	late	CES202.339b
bRHW	317021	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	open	mid	CES202.339b
bRHW	210831	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	closed	late	CES202.339c
bRHW	210821	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	closed	mid	CES202.339c
bRHW	110811	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	early succ	early	CES202.339c
bRHW	310831	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	open	late	CES202.339c
bRHW	310821	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	open	mid	CES202.339c
bRHW	216531	Southern Piedmont Large Floodplain Forest - Forest Modifier	closed	late	CES202.324a
bRHW	216521	Southern Piedmont Large Floodplain Forest - Forest Modifier	closed	mid	CES202.324a
bRHW	116511	Southern Piedmont Large Floodplain Forest - Forest Modifier	early succ	early	CES202.324a
bRHW	316531	Southern Piedmont Large Floodplain Forest - Forest Modifier	open	late	CES202.324a
bRHW	316521	Southern Piedmont Large Floodplain Forest - Forest Modifier	open	mid	CES202.324a
bRHW	216931	Southern Piedmont Mesic Forest	closed	late	CES202.342
bRHW	216921	Southern Piedmont Mesic Forest	closed	mid	CES202.342
bRHW	116911	Southern Piedmont Mesic Forest	early succ	early	CES202.342
bRHW	316931	Southern Piedmont Mesic Forest	open	late	CES202.342
bRHW	316921	Southern Piedmont Mesic Forest	open	mid	CES202.342
bRHW	216821	Southern Piedmont Small Floodplain and Riparian Forest	closed	mid	CES202.323
bRHW	116811	Southern Piedmont Small Floodplain and Riparian Forest	early succ	early	CES202.323
bRHW	316831	Southern Piedmont Small Floodplain and Riparian Forest	open	late	CES202.323
bRHW	316821	Southern Piedmont Small Floodplain and Riparian Forest	open	mid	CES202.323
bRHW	220331	Successional Shrub/Scrub (Clear Cut)	closed	late	SEGAP511
bRHW	220321	Successional Shrub/Scrub (Clear Cut)	closed	mid	SEGAP511
bRHW	120311	Successional Shrub/Scrub (Clear Cut)	early succ	early	SEGAP511
bRHW	120321	Successional Shrub/Scrub (Clear Cut)	early succ	mid	SEGAP511
bRHW	320311	Successional Shrub/Scrub (Clear Cut)	open	early	SEGAP511
bRHW	320331	Successional Shrub/Scrub (Clear Cut)	open	late	SEGAP511
bRHW	320321	Successional Shrub/Scrub (Clear Cut)	open	mid	SEGAP511
bRHW	1513	Successional Shrub/Scrub (Other)	early succ	n/a	SEGAP513
bRHW	1512	Successional Shrub/Scrub (Utility Swath)	n/a	n/a	SEGAP512
bRHW	1323	Utility Swath - Herbaceous	early succ	n/a	SEGAP730
bSACR	121711	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	early	CES203.258
bSACR	1217	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	n/a	CES203.258
bSACR	121311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	early	CES203.376
bSACR	1213	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.376
bSACR	321311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bSACR	321312	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bSACR	123311	East Gulf Coastal Plain Treeless Savanna and Wet Prairie	early succ	early	CES203.192
bSACR	1216	Florida Big Bend Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.507
bSACR	122811	Floridian Highlands Freshwater Marsh	early succ	early	CES203.077
bSACR	1810	Pasture/Hay	early succ	n/a	SEGAP810
bSACR	1820	Row Crop	early succ	n/a	SEGAP820
bSACR	123111	Southern Coastal Plain Herbaceous Seepage Bog	early succ	early	CES203.078
bSESP	121711	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	early	CES203.258
bSESP	1217	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	n/a	CES203.258
bSESP	121311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	early	CES203.376
bSESP	1213	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.376
bSESP	321311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bSESP	321312	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bSESP	321321	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
bSESP	321322	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
bSESP	218221	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	closed	mid	CES203.270
bSESP	118211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	early succ	early	CES203.270
bSESP	318211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bSESP	318212	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bSESP	318221	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270
bSESP	318222	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270
bSESP	121411	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	early succ	early	CES203.259
bSESP	321411	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	early	CES203.259
bSESP	321421	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	mid	CES203.259
bSESP	321422	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	mid	CES203.259
bSESP	124611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	early succ	early	CES203.260
bSESP	324611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	early	CES203.260
bSESP	324621	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	mid	CES203.260
bSESP	324622	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	mid	CES203.260
bSESP	216031	Atlantic Coastal Plain Northern Dune and Maritime Grassland	closed	late	CES203.264
bSESP	216032	Atlantic Coastal Plain Northern Dune and Maritime Grassland	closed	late	CES203.264
bSESP	316011	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	early	CES203.264
bSESP	316021	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
bSESP	316022	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
bSESP	116311	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	early succ	early	CES203.516
bSESP	316311	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	early	CES203.516
bSESP	316312	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	early	CES203.516
bSESP	316321	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	mid	CES203.516

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bSESP	316322	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	mid	CES203.516
bSESP	124811	Atlantic Coastal Plain Northern Tidal Salt Marsh	early succ	early	CES203.519
bSESP	324811	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	early	CES203.519
bSESP	324821	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	mid	CES203.519
bSESP	324822	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	mid	CES203.519
bSESP	215931	Atlantic Coastal Plain Southern Dune and Maritime Grassland	closed	late	CES203.273
bSESP	215932	Atlantic Coastal Plain Southern Dune and Maritime Grassland	closed	late	CES203.273
bSESP	315911	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	early	CES203.273
bSESP	315921	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bSESP	315922	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bSESP	114131	East Gulf Coastal Plain Dune and Coastal Grassland	early succ	late	CES203.500
bSESP	114121	East Gulf Coastal Plain Dune and Coastal Grassland	early succ	mid	CES203.500
bSESP	1216	Florida Big Bend Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.507
bSESP	1249	Florida Big Bend Salt-Brackish Tidal Marsh	early succ	n/a	CES203.508
bsSTS	121711	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	early	CES203.258
bsSTS	1217	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	n/a	CES203.258
bsSTS	121311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	early	CES203.376
bsSTS	1213	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.376
bsSTS	321311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bsSTS	321312	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bsSTS	321321	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
bsSTS	321322	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
bsSTS	218221	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	closed	mid	CES203.270
bsSTS	118211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	early succ	early	CES203.270
bsSTS	318211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bsSTS	318212	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bsSTS	318221	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270
bsSTS	318222	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270
bsSTS	124611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	early succ	early	CES203.260
bsSTS	324611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	early	CES203.260
bsSTS	324621	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	mid	CES203.260
bsSTS	324622	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	open	mid	CES203.260
bsSTS	216031	Atlantic Coastal Plain Northern Dune and Maritime Grassland	closed	late	CES203.264
bsSTS	216032	Atlantic Coastal Plain Northern Dune and Maritime Grassland	closed	late	CES203.264
bsSTS	316011	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	early	CES203.264
bsSTS	316021	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
bsSTS	316022	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
bsSTS	124811	Atlantic Coastal Plain Northern Tidal Salt Marsh	early succ	early	CES203.519
bsSTS	324811	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	early	CES203.519
bsSTS	324821	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	mid	CES203.519
bsSTS	324822	Atlantic Coastal Plain Northern Tidal Salt Marsh	open	mid	CES203.519
bsSTS	215931	Atlantic Coastal Plain Southern Dune and Maritime Grassland	closed	late	CES203.273
bsSTS	215932	Atlantic Coastal Plain Southern Dune and Maritime Grassland	closed	late	CES203.273
bsSTS	315911	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	early	CES203.273
bsSTS	315921	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bsSTS	315922	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bsSTS	114131	East Gulf Coastal Plain Dune and Coastal Grassland	early succ	late	CES203.500
bsSTS	114121	East Gulf Coastal Plain Dune and Coastal Grassland	early succ	mid	CES203.500
bsSTS	1216	Florida Big Bend Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.507
bsSTS	1249	Florida Big Bend Salt-Brackish Tidal Marsh	early succ	n/a	CES203.508
bSTKI	121711	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	early	CES203.258
bSTKI	1217	Atlantic and Gulf Coastal Plain Interdunal Wetland	early succ	n/a	CES203.258
bSTKI	218331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	late	CES203.247a
bSTKI	218321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	mid	CES203.247a
bSTKI	318331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	late	CES203.247a
bSTKI	318321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	mid	CES203.247a
bSTKI	214431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	late	CES203.248
bSTKI	214421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	mid	CES203.248
bSTKI	314431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	late	CES203.248
bSTKI	314421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	mid	CES203.248
bSTKI	121311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	early	CES203.376
bSTKI	1213	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.376
bSTKI	321311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bSTKI	321312	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bSTKI	321321	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
bSTKI	321322	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
bSTKI	218221	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	closed	mid	CES203.270
bSTKI	118211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	early succ	early	CES203.270
bSTKI	318211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bSTKI	318212	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bSTKI	318221	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270
bSTKI	318222	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270
bSTKI	219031	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	closed	late	CES203.245a
bSTKI	219032	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	closed	late	CES203.245a
bSTKI	219021	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	closed	mid	CES203.245a
bSTKI	319031	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	open	late	CES203.245a
bSTKI	319021	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	open	mid	CES203.245a

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bSTKI	122521	Atlantic Coastal Plain Clay-Based Carolina Bay Herbaceous Wetland	early succ	mid	CES203.245b
bSTKI	1225	Atlantic Coastal Plain Clay-Based Carolina Bay Herbaceous Wetland	early succ	n/a	CES203.245b
bSTKI	322521	Atlantic Coastal Plain Clay-Based Carolina Bay Herbaceous Wetland	open	mid	CES203.245b
bSTKI	1318	Atlantic Coastal Plain Depression Pondshore	early succ	n/a	CES203.262
bSTKI	121411	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	early succ	early	CES203.259
bSTKI	321411	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	early	CES203.259
bSTKI	321421	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	mid	CES203.259
bSTKI	321422	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	mid	CES203.259
bSTKI	209031	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	closed	late	CES203.254c
bSTKI	209021	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	closed	mid	CES203.254c
bSTKI	309031	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	open	late	CES203.254c
bSTKI	309021	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	open	mid	CES203.254c
bSTKI	209131	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	closed	late	CES203.254a
bSTKI	209121	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	closed	mid	CES203.254a
bSTKI	309131	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	open	late	CES203.254a
bSTKI	309121	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	open	mid	CES203.254a
bSTKI	217831	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	late	CES203.304b
bSTKI	217832	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	late	CES203.304b
bSTKI	217821	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	mid	CES203.304b
bSTKI	217822	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	mid	CES203.304b
bSTKI	317831	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	late	CES203.304b
bSTKI	317821	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	mid	CES203.304b
bSTKI	215231	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	late	CES203.304a
bSTKI	215232	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	late	CES203.304a
bSTKI	215221	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	mid	CES203.304a
bSTKI	215222	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	mid	CES203.304a
bSTKI	216031	Atlantic Coastal Plain Northern Dune and Maritime Grassland	closed	late	CES203.264
bSTKI	216032	Atlantic Coastal Plain Northern Dune and Maritime Grassland	closed	late	CES203.264
bSTKI	316011	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	early	CES203.264
bSTKI	316021	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
bSTKI	316022	Atlantic Coastal Plain Northern Dune and Maritime Grassland	open	mid	CES203.264
bSTKI	218531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	late	CES203.249
bSTKI	218521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	mid	CES203.249
bSTKI	318531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	late	CES203.249
bSTKI	318521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	mid	CES203.249
bSTKI	215431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	late	CES203.250
bSTKI	215421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	mid	CES203.250
bSTKI	315431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	late	CES203.250
bSTKI	315421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	mid	CES203.250
bSTKI	215931	Atlantic Coastal Plain Southern Dune and Maritime Grassland	closed	late	CES203.273
bSTKI	215932	Atlantic Coastal Plain Southern Dune and Maritime Grassland	closed	late	CES203.273
bSTKI	315911	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	early	CES203.273
bSTKI	315921	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bSTKI	315922	Atlantic Coastal Plain Southern Dune and Maritime Grassland	open	mid	CES203.273
bSTKI	215331	Atlantic Coastal Plain Southern Tidal Wooded Swamp	closed	late	CES203.240
bSTKI	215321	Atlantic Coastal Plain Southern Tidal Wooded Swamp	closed	mid	CES203.240
bSTKI	219131	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	closed	late	CES203.536
bSTKI	219121	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	closed	mid	CES203.536
bSTKI	319131	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	open	late	CES203.536
bSTKI	319121	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	open	mid	CES203.536
bSTKI	219331	Atlantic Coastal Plain Upland Longleaf Pine Woodland	closed	late	CES203.281
bSTKI	219321	Atlantic Coastal Plain Upland Longleaf Pine Woodland	closed	mid	CES203.281
bSTKI	319331	Atlantic Coastal Plain Upland Longleaf Pine Woodland	open	late	CES203.281
bSTKI	319321	Atlantic Coastal Plain Upland Longleaf Pine Woodland	open	mid	CES203.281
bSTKI	218131	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	closed	late	CES203.505
bSTKI	218121	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	closed	mid	CES203.505
bSTKI	318131	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	open	late	CES203.505
bSTKI	318121	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	open	mid	CES203.505
bSTKI	214331	Central Florida Pine Flatwoods	closed	late	CES203.382
bSTKI	214321	Central Florida Pine Flatwoods	closed	mid	CES203.382
bSTKI	314331	Central Florida Pine Flatwoods	open	late	CES203.382
bSTKI	314321	Central Florida Pine Flatwoods	open	mid	CES203.382
bSTKI	220231	Clearcut - Grassland/Herbaceous	closed	late	SEGAP710
bSTKI	220221	Clearcut - Grassland/Herbaceous	closed	mid	SEGAP710
bSTKI	120211	Clearcut - Grassland/Herbaceous	early succ	early	SEGAP710
bSTKI	320211	Clearcut - Grassland/Herbaceous	open	early	SEGAP710
bSTKI	320231	Clearcut - Grassland/Herbaceous	open	late	SEGAP710
bSTKI	320221	Clearcut - Grassland/Herbaceous	open	mid	SEGAP710
bSTKI	114131	East Gulf Coastal Plain Dune and Coastal Grassland	early succ	late	CES203.500
bSTKI	114121	East Gulf Coastal Plain Dune and Coastal Grassland	early succ	mid	CES203.500
bSTKI	216731	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	closed	late	CES203.496c
bSTKI	216721	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	closed	mid	CES203.496c
bSTKI	316731	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	open	late	CES203.496c
bSTKI	316721	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	open	mid	CES203.496c
bSTKI	209531	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	closed	late	CES203.496a
bSTKI	209521	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	closed	mid	CES203.496a
bSTKI	309531	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	open	late	CES203.496a
bSTKI	309521	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	open	mid	CES203.496a
bSTKI	214831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	late	CES203.489a

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bSTKI	214821	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	mid	CES203.489a
bSTKI	314831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	open	late	CES203.489a
bSTKI	215631	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Offsite Hardwood	closed	late	CES203.375c
bSTKI	215621	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Offsite Hardwood	closed	mid	CES203.375c
bSTKI	315631	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Offsite Hardwood	open	late	CES203.375c
bSTKI	315621	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Offsite Hardwood	open	mid	CES203.375c
bSTKI	215531	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	closed	late	CES203.375a
bSTKI	215521	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	closed	mid	CES203.375a
bSTKI	315531	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	open	late	CES203.375a
bSTKI	315521	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	open	mid	CES203.375a
bSTKI	214231	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Scrub/Shrub	closed	late	CES203.375b
bSTKI	214221	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Scrub/Shrub	closed	mid	CES203.375b
bSTKI	314231	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Scrub/Shrub	open	late	CES203.375b
bSTKI	314221	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Scrub/Shrub	open	mid	CES203.375b
bSTKI	214631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	late	CES203.559
bSTKI	214621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	mid	CES203.559
bSTKI	314631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	late	CES203.559
bSTKI	314621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	mid	CES203.559
bSTKI	225031	East Gulf Coastal Plain Tidal Wooded Swamp	closed	late	CES203.299
bSTKI	225021	East Gulf Coastal Plain Tidal Wooded Swamp	closed	mid	CES203.299
bSTKI	223331	East Gulf Coastal Plain Treeless Savanna and Wet Prairie	closed	late	CES203.192
bSTKI	223321	East Gulf Coastal Plain Treeless Savanna and Wet Prairie	closed	mid	CES203.192
bSTKI	123311	East Gulf Coastal Plain Treeless Savanna and Wet Prairie	early succ	early	CES203.192
bSTKI	323331	East Gulf Coastal Plain Treeless Savanna and Wet Prairie	open	late	CES203.192
bSTKI	323321	East Gulf Coastal Plain Treeless Savanna and Wet Prairie	open	mid	CES203.192
bSTKI	1216	Florida Big Bend Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.507
bSTKI	1249	Florida Big Bend Salt-Brackish Tidal Marsh	early succ	n/a	CES203.508
bSTKI	207631	Florida Longleaf Pine Sandhill- Open Understory	closed	late	CES203.284a
bSTKI	207621	Florida Longleaf Pine Sandhill- Open Understory	closed	mid	CES203.284a
bSTKI	107611	Florida Longleaf Pine Sandhill- Open Understory	early succ	early	CES203.284a
bSTKI	307631	Florida Longleaf Pine Sandhill- Open Understory	open	late	CES203.284a
bSTKI	307621	Florida Longleaf Pine Sandhill- Open Understory	open	mid	CES203.284a
bSTKI	222831	Floridian Highlands Freshwater Marsh	closed	late	CES203.077
bSTKI	222832	Floridian Highlands Freshwater Marsh	closed	late	CES203.077
bSTKI	222821	Floridian Highlands Freshwater Marsh	closed	mid	CES203.077
bSTKI	222822	Floridian Highlands Freshwater Marsh	closed	mid	CES203.077
bSTKI	122811	Floridian Highlands Freshwater Marsh	early succ	early	CES203.077
bSTKI	214031	Mississippi River Riparian Forest	closed	late	CES203.190
bSTKI	214021	Mississippi River Riparian Forest	closed	mid	CES203.190
bSTKI	1720	Other - Herbaceous	early succ	n/a	SEGAP720
bSTKI	1810	Pasture/Hay	early succ	n/a	SEGAP810
bSTKI	220521	Public Clearcut - Grassland/Herbaceous	closed	mid	SEGAP420
bSTKI	120511	Public Clearcut - Grassland/Herbaceous	early succ	early	SEGAP420
bSTKI	320511	Public Clearcut - Grassland/Herbaceous	open	early	SEGAP420
bSTKI	320531	Public Clearcut - Grassland/Herbaceous	open	late	SEGAP420
bSTKI	320521	Public Clearcut - Grassland/Herbaceous	open	mid	SEGAP420
bSTKI	120611	Public Successional Shrub/Scrub (Clear Cut)	early succ	early	SEGAP420
bSTKI	320611	Public Successional Shrub/Scrub (Clear Cut)	open	early	SEGAP420
bSTKI	320631	Public Successional Shrub/Scrub (Clear Cut)	open	late	SEGAP420
bSTKI	320621	Public Successional Shrub/Scrub (Clear Cut)	open	mid	SEGAP420
bSTKI	214731	Southern Coastal Plain Blackwater River Floodplain Forest	closed	late	CES203.493
bSTKI	214721	Southern Coastal Plain Blackwater River Floodplain Forest	closed	mid	CES203.493
bSTKI	314731	Southern Coastal Plain Blackwater River Floodplain Forest	open	late	CES203.493
bSTKI	223131	Southern Coastal Plain Herbaceous Seepage Bog	closed	late	CES203.078
bSTKI	223121	Southern Coastal Plain Herbaceous Seepage Bog	closed	mid	CES203.078
bSTKI	123111	Southern Coastal Plain Herbaceous Seepage Bog	early succ	early	CES203.078
bSTKI	219431	Southern Coastal Plain Hydric Hammock	closed	late	CES203.501
bSTKI	219421	Southern Coastal Plain Hydric Hammock	closed	mid	CES203.501
bSTKI	119411	Southern Coastal Plain Hydric Hammock	early succ	early	CES203.501
bSTKI	215031	Southern Coastal Plain Nonriverine Basin Swamp	closed	late	CES203.384
bSTKI	215021	Southern Coastal Plain Nonriverine Basin Swamp	closed	mid	CES203.384
bSTKI	237031	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	closed	late	CES203.384b
bSTKI	237021	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	closed	mid	CES203.384b
bSTKI	237131	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Pine Modifier	closed	late	CES203.384c
bSTKI	237121	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Pine Modifier	closed	mid	CES203.384c
bSTKI	216431	Southern Coastal Plain Nonriverine Cypress Dome	closed	late	CES203.251
bSTKI	216421	Southern Coastal Plain Nonriverine Cypress Dome	closed	mid	CES203.251
bSTKI	116411	Southern Coastal Plain Nonriverine Cypress Dome	early succ	early	CES203.251
bSTKI	316431	Southern Coastal Plain Nonriverine Cypress Dome	open	late	CES203.251
bSTKI	316421	Southern Coastal Plain Nonriverine Cypress Dome	open	mid	CES203.251
bSTKI	236931	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	closed	late	CES203.384a
bSTKI	236932	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	closed	late	CES203.384a
bSTKI	236921	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	closed	mid	CES203.384a
bSTKI	236922	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	closed	mid	CES203.384a
bSTKI	136911	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	early succ	early	CES203.384a
bSTKI	336911	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	open	early	CES203.384a
bSTKI	218031	Southern Coastal Plain Seepage Swamp and Baygall	closed	late	CES203.505
bSTKI	218021	Southern Coastal Plain Seepage Swamp and Baygall	closed	mid	CES203.505
bSTKI	318031	Southern Coastal Plain Seepage Swamp and Baygall	open	late	CES203.505

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bSTKI	318021	Southern Coastal Plain Seepage Swamp and Baygall	open	mid	CES203.505
bSTKI	220331	Successional Shrub/Scrub (Clear Cut)	closed	late	SEGAP511
bSTKI	220321	Successional Shrub/Scrub (Clear Cut)	closed	mid	SEGAP511
bSTKI	120311	Successional Shrub/Scrub (Clear Cut)	early succ	early	SEGAP511
bSTKI	120321	Successional Shrub/Scrub (Clear Cut)	early succ	mid	SEGAP511
bSTKI	320311	Successional Shrub/Scrub (Clear Cut)	open	early	SEGAP511
bSTKI	320331	Successional Shrub/Scrub (Clear Cut)	open	late	SEGAP511
bSTKI	320321	Successional Shrub/Scrub (Clear Cut)	open	mid	SEGAP511
bSTKI	1513	Successional Shrub/Scrub (Other)	early succ	n/a	SEGAP513
bSTKI	1512	Successional Shrub/Scrub (Utility Swath)	n/a	n/a	SEGAP512
bSTKI	1323	Utility Swath - Herbaceous	early succ	n/a	SEGAP730
bSUTA	216231	Atlantic Coastal Plain Central Maritime Forest	closed	late	CES203.261
bSUTA	216221	Atlantic Coastal Plain Central Maritime Forest	closed	mid	CES203.261
bSUTA	316231	Atlantic Coastal Plain Central Maritime Forest	open	late	CES203.261
bSUTA	316221	Atlantic Coastal Plain Central Maritime Forest	open	mid	CES203.261
bSUTA	218631	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	closed	late	CES203.241
bSUTA	218621	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	closed	mid	CES203.241
bSUTA	318631	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	open	late	CES203.241
bSUTA	318621	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	open	mid	CES203.241
bSUTA	209031	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	closed	late	CES203.254c
bSUTA	209021	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	closed	mid	CES203.254c
bSUTA	309031	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	open	late	CES203.254c
bSUTA	309021	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	open	mid	CES203.254c
bSUTA	217321	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	closed	mid	CES203.254d
bSUTA	317331	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	open	late	CES203.254d
bSUTA	317321	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	open	mid	CES203.254d
bSUTA	216131	Atlantic Coastal Plain Northern Maritime Forest	closed	late	CES203.302
bSUTA	216121	Atlantic Coastal Plain Northern Maritime Forest	closed	mid	CES203.302
bSUTA	316131	Atlantic Coastal Plain Northern Maritime Forest	open	late	CES203.302
bSUTA	219331	Atlantic Coastal Plain Upland Longleaf Pine Woodland	closed	late	CES203.281
bSUTA	219321	Atlantic Coastal Plain Upland Longleaf Pine Woodland	closed	mid	CES203.281
bSUTA	319331	Atlantic Coastal Plain Upland Longleaf Pine Woodland	open	late	CES203.281
bSUTA	319321	Atlantic Coastal Plain Upland Longleaf Pine Woodland	open	mid	CES203.281
bSUTA	216731	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	closed	late	CES203.496c
bSUTA	216721	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	closed	mid	CES203.496c
bSUTA	316731	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	open	late	CES203.496c
bSUTA	316721	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	open	mid	CES203.496c
bSUTA	217231	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	closed	late	CES203.496d
bSUTA	217221	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	closed	mid	CES203.496d
bSUTA	317231	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	open	late	CES203.496d
bSUTA	317221	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	open	mid	CES203.496d
bSUTA	209531	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	closed	late	CES203.496a
bSUTA	209521	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	closed	mid	CES203.496a
bSUTA	309531	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	open	late	CES203.496a
bSUTA	309521	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	open	mid	CES203.496a
bSUTA	217431	East Gulf Coastal Plain Limestone Forest	closed	late	CES203.502
bSUTA	217421	East Gulf Coastal Plain Limestone Forest	closed	mid	CES203.502
bSUTA	317421	East Gulf Coastal Plain Limestone Forest	open	mid	CES203.502
bSUTA	207931	EGCP Maritime Forest	closed	late	CES203.503
bSUTA	207921	EGCP Maritime Forest	closed	mid	CES203.503
bSUTA	307931	EGCP Maritime Forest	open	late	CES203.503
bSUTA	307921	EGCP Maritime Forest	open	mid	CES203.503
bSUTA	207631	Florida Longleaf Pine Sandhill- Open Understory	closed	late	CES203.284a
bSUTA	207621	Florida Longleaf Pine Sandhill- Open Understory	closed	mid	CES203.284a
bSUTA	307631	Florida Longleaf Pine Sandhill- Open Understory	open	late	CES203.284a
bSUTA	307621	Florida Longleaf Pine Sandhill- Open Understory	open	mid	CES203.284a
bSUTA	215731	Southern and Central Appalachian Oak Forest	closed	late	CES202.886
bSUTA	215721	Southern and Central Appalachian Oak Forest	closed	mid	CES202.886
bSUTA	315731	Southern and Central Appalachian Oak Forest	open	late	CES202.886
bSUTA	205731	Southern Coastal Plain Dry Upland Hardwood Forest	closed	late	CES203.560
bSUTA	205721	Southern Coastal Plain Dry Upland Hardwood Forest	closed	mid	CES203.560
bSUTA	305731	Southern Coastal Plain Dry Upland Hardwood Forest	open	late	CES203.560
bSUTA	305721	Southern Coastal Plain Dry Upland Hardwood Forest	open	mid	CES203.560
bSUTA	209931	Southern Coastal Plain Oak Dome and Hammock	closed	late	CES203.494
bSUTA	209921	Southern Coastal Plain Oak Dome and Hammock	closed	mid	CES203.494
bSUTA	309931	Southern Coastal Plain Oak Dome and Hammock	open	late	CES203.494
bSUTA	309921	Southern Coastal Plain Oak Dome and Hammock	open	mid	CES203.494
bSUTA	206631	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	closed	late	CES202.339a
bSUTA	206621	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	closed	mid	CES202.339a
bSUTA	306631	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	open	late	CES202.339a
bSUTA	306621	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	open	mid	CES202.339a
bSUTA	217031	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	closed	late	CES202.339b
bSUTA	217021	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	closed	mid	CES202.339b
bSUTA	317031	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	open	late	CES202.339b
bSUTA	317021	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	open	mid	CES202.339b
bSUTA	210831	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	closed	late	CES202.339c
bSUTA	210821	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	closed	mid	CES202.339c
bSUTA	310831	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	open	late	CES202.339c

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bSUTA	310821	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	open	mid	CES202.339c
bSWWA	214431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	late	CES203.248
bSWWA	214421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	mid	CES203.248
bSWWA	314431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	late	CES203.248
bSWWA	314421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	mid	CES203.248
bSWWA	219031	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	closed	late	CES203.245a
bSWWA	219032	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	closed	late	CES203.245a
bSWWA	219021	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	closed	mid	CES203.245a
bSWWA	319031	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	open	late	CES203.245a
bSWWA	319021	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	open	mid	CES203.245a
bSWWA	218831	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	closed	late	CES203.242
bSWWA	218821	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	closed	mid	CES203.242
bSWWA	318831	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	open	late	CES203.242
bSWWA	318821	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	open	mid	CES203.242
bSWWA	217831	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	late	CES203.304b
bSWWA	217832	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	late	CES203.304b
bSWWA	217821	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	mid	CES203.304b
bSWWA	217822	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	mid	CES203.304b
bSWWA	317831	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	late	CES203.304b
bSWWA	317821	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	mid	CES203.304b
bSWWA	215231	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	late	CES203.304a
bSWWA	215232	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	late	CES203.304a
bSWWA	215221	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	mid	CES203.304a
bSWWA	215222	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	mid	CES203.304a
bSWWA	215131	Atlantic Coastal Plain Northern Basin Swamp and Wet Hardwood Forest	closed	late	CES203.520
bSWWA	215121	Atlantic Coastal Plain Northern Basin Swamp and Wet Hardwood Forest	closed	mid	CES203.520
bSWWA	215431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	late	CES203.250
bSWWA	215421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	mid	CES203.250
bSWWA	315431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	late	CES203.250
bSWWA	315421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	mid	CES203.250
bSWWA	218431	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	closed	late	CES203.252
bSWWA	218421	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	closed	mid	CES203.252
bSWWA	318431	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	open	late	CES203.252
bSWWA	318421	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	open	mid	CES203.252
bSWWA	214831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	late	CES203.489a
bSWWA	214821	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	mid	CES203.489a
bSWWA	314831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	open	late	CES203.489a
bSWWA	214631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	late	CES203.559
bSWWA	214621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	mid	CES203.559
bSWWA	314631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	late	CES203.559
bSWWA	314621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	mid	CES203.559
bSWWA	214031	Mississippi River Riparian Forest	closed	late	CES203.190
bSWWA	214021	Mississippi River Riparian Forest	closed	mid	CES203.190
bSWWA	215731	Southern and Central Appalachian Oak Forest	closed	late	CES202.886
bSWWA	215721	Southern and Central Appalachian Oak Forest	closed	mid	CES202.886
bSWWA	315731	Southern and Central Appalachian Oak Forest	open	late	CES202.886
bSWWA	215031	Southern Coastal Plain Nonriverine Basin Swamp	closed	late	CES203.384
bSWWA	215021	Southern Coastal Plain Nonriverine Basin Swamp	closed	mid	CES203.384
bSWWA	237031	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	closed	late	CES203.384b
bSWWA	237021	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	closed	mid	CES203.384b
bSWWA	237131	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Pine Modifier	closed	late	CES203.384c
bSWWA	237121	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Pine Modifier	closed	mid	CES203.384c
bSWWA	218031	Southern Coastal Plain Seepage Swamp and Baygall	closed	late	CES203.505
bSWWA	218021	Southern Coastal Plain Seepage Swamp and Baygall	closed	mid	CES203.505
bSWWA	318031	Southern Coastal Plain Seepage Swamp and Baygall	open	late	CES203.505
bSWWA	318021	Southern Coastal Plain Seepage Swamp and Baygall	open	mid	CES203.505
bSWWA	206631	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	closed	late	CES202.339a
bSWWA	206621	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	closed	mid	CES202.339a
bSWWA	306631	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	open	late	CES202.339a
bSWWA	306621	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	open	mid	CES202.339a
bSWWA	210831	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	closed	late	CES202.339c
bSWWA	210821	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	closed	mid	CES202.339c
bSWWA	310831	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	open	late	CES202.339c
bSWWA	310821	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	open	mid	CES202.339c
bSWWA	216531	Southern Piedmont Large Floodplain Forest - Forest Modifier	closed	late	CES202.324a
bSWWA	216521	Southern Piedmont Large Floodplain Forest - Forest Modifier	closed	mid	CES202.324a
bSWWA	316531	Southern Piedmont Large Floodplain Forest - Forest Modifier	open	late	CES202.324a
bSWWA	316521	Southern Piedmont Large Floodplain Forest - Forest Modifier	open	mid	CES202.324a
bSWWA	216931	Southern Piedmont Mesic Forest	closed	late	CES202.342
bSWWA	216921	Southern Piedmont Mesic Forest	closed	mid	CES202.342
bSWWA	316931	Southern Piedmont Mesic Forest	open	late	CES202.342
bSWWA	316921	Southern Piedmont Mesic Forest	open	mid	CES202.342
bSWWA	216821	Southern Piedmont Small Floodplain and Riparian Forest	closed	mid	CES202.323
bSWWA	316831	Southern Piedmont Small Floodplain and Riparian Forest	open	late	CES202.323
bSWWA	316821	Southern Piedmont Small Floodplain and Riparian Forest	open	mid	CES202.323
bWOST	218331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	late	CES203.247a
bWOST	218321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	mid	CES203.247a

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bWOST	318331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	late	CES203.247a
bWOST	318321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	mid	CES203.247a
bWOST	214431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	late	CES203.248
bWOST	214421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	mid	CES203.248
bWOST	314431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	late	CES203.248
bWOST	314421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	mid	CES203.248
bWOST	121311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	early	CES203.376
bWOST	1213	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.376
bWOST	321311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bWOST	321312	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bWOST	321321	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
bWOST	321322	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
bWOST	218221	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	closed	mid	CES203.270
bWOST	118211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	early succ	early	CES203.270
bWOST	318211	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bWOST	318212	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	early	CES203.270
bWOST	318221	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270
bWOST	318222	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	open	mid	CES203.270
bWOST	1318	Atlantic Coastal Plain Depression Pondshore	early succ	n/a	CES203.262
bWOST	217831	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	late	CES203.304b
bWOST	217832	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	late	CES203.304b
bWOST	217821	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	mid	CES203.304b
bWOST	217822	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	mid	CES203.304b
bWOST	317831	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	late	CES203.304b
bWOST	317821	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	mid	CES203.304b
bWOST	215231	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	late	CES203.304a
bWOST	215232	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	late	CES203.304a
bWOST	215221	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	mid	CES203.304a
bWOST	215222	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	closed	mid	CES203.304a
bWOST	218531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	late	CES203.249
bWOST	218521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	mid	CES203.249
bWOST	318531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	late	CES203.249
bWOST	318521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	mid	CES203.249
bWOST	215431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	late	CES203.250
bWOST	215421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	mid	CES203.250
bWOST	315431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	late	CES203.250
bWOST	315421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	mid	CES203.250
bWOST	215331	Atlantic Coastal Plain Southern Tidal Wooded Swamp	closed	late	CES203.240
bWOST	215321	Atlantic Coastal Plain Southern Tidal Wooded Swamp	closed	mid	CES203.240
bWOST	115311	Atlantic Coastal Plain Southern Tidal Wooded Swamp	early succ	early	CES203.240
bWOST	219131	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	closed	late	CES203.536
bWOST	219121	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	closed	mid	CES203.536
bWOST	119111	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	early succ	early	CES203.536
bWOST	319111	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	open	early	CES203.536
bWOST	319131	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	open	late	CES203.536
bWOST	319121	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	open	mid	CES203.536
bWOST	214831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	late	CES203.489a
bWOST	214821	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	mid	CES203.489a
bWOST	314831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	open	late	CES203.489a
bWOST	214631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	late	CES203.559
bWOST	214621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	mid	CES203.559
bWOST	314631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	late	CES203.559
bWOST	314621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	mid	CES203.559
bWOST	225031	East Gulf Coastal Plain Tidal Wooded Swamp	closed	late	CES203.299
bWOST	225021	East Gulf Coastal Plain Tidal Wooded Swamp	closed	mid	CES203.299
bWOST	125011	East Gulf Coastal Plain Tidal Wooded Swamp	early succ	early	CES203.299
bWOST	1216	Florida Big Bend Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.507
bWOST	1249	Florida Big Bend Salt-Brackish Tidal Marsh	early succ	n/a	CES203.508
bWOST	222831	Floridian Highlands Freshwater Marsh	closed	late	CES203.077
bWOST	222832	Floridian Highlands Freshwater Marsh	closed	late	CES203.077
bWOST	222821	Floridian Highlands Freshwater Marsh	closed	mid	CES203.077
bWOST	222822	Floridian Highlands Freshwater Marsh	closed	mid	CES203.077
bWOST	122811	Floridian Highlands Freshwater Marsh	early succ	early	CES203.077
bWOST	1112	Open Water (Brackish/Salt)	early succ	n/a	SEGAP112
bWOST	1111	Open Water (Fresh)	early succ	n/a	SEGAP111
bWOST	1207	South Florida Mangrove Swamp	early succ	n/a	CES411.289
bWOST	214731	Southern Coastal Plain Blackwater River Floodplain Forest	closed	late	CES203.493
bWOST	214721	Southern Coastal Plain Blackwater River Floodplain Forest	closed	mid	CES203.493
bWOST	314711	Southern Coastal Plain Blackwater River Floodplain Forest	open	early	CES203.493
bWOST	314731	Southern Coastal Plain Blackwater River Floodplain Forest	open	late	CES203.493
bWOST	219431	Southern Coastal Plain Hydric Hammock	closed	late	CES203.501
bWOST	219421	Southern Coastal Plain Hydric Hammock	closed	mid	CES203.501
bWOST	119411	Southern Coastal Plain Hydric Hammock	early succ	early	CES203.501
bWOST	215031	Southern Coastal Plain Nonriverine Basin Swamp	closed	late	CES203.384
bWOST	215021	Southern Coastal Plain Nonriverine Basin Swamp	closed	mid	CES203.384
bWOST	115011	Southern Coastal Plain Nonriverine Basin Swamp	early succ	early	CES203.384
bWOST	315011	Southern Coastal Plain Nonriverine Basin Swamp	open	early	CES203.384
bWOST	237031	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	closed	late	CES203.384b
bWOST	237021	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	closed	mid	CES203.384b

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bWOST	137011	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	early succ	early	CES203.384b
bWOST	237131	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Pine Modifier	closed	late	CES203.384c
bWOST	237121	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Pine Modifier	closed	mid	CES203.384c
bWOST	137111	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Pine Modifier	early succ	early	CES203.384c
bWOST	216431	Southern Coastal Plain Nonriverine Cypress Dome	closed	late	CES203.251
bWOST	216421	Southern Coastal Plain Nonriverine Cypress Dome	closed	mid	CES203.251
bWOST	116411	Southern Coastal Plain Nonriverine Cypress Dome	early succ	early	CES203.251
bWOST	316431	Southern Coastal Plain Nonriverine Cypress Dome	open	late	CES203.251
bWOST	316421	Southern Coastal Plain Nonriverine Cypress Dome	open	mid	CES203.251
bWOST	236931	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	closed	late	CES203.384a
bWOST	236932	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	closed	late	CES203.384a
bWOST	236921	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	closed	mid	CES203.384a
bWOST	236922	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	closed	mid	CES203.384a
bWOST	136911	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	early succ	early	CES203.384a
bWOST	336911	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	open	early	CES203.384a
bWOST	1321	Unconsolidated Shore (Lake/River/Pond)	early succ	n/a	SEGAP321
bYTWA	218331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	late	CES203.247a
bYTWA	218321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	closed	mid	CES203.247a
bYTWA	318331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	late	CES203.247a
bYTWA	318321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	mid	CES203.247a
bYTWA	214431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	late	CES203.248
bYTWA	214421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	closed	mid	CES203.248
bYTWA	314431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	late	CES203.248
bYTWA	314421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	mid	CES203.248
bYTWA	216231	Atlantic Coastal Plain Central Maritime Forest	closed	late	CES203.261
bYTWA	216221	Atlantic Coastal Plain Central Maritime Forest	closed	mid	CES203.261
bYTWA	316231	Atlantic Coastal Plain Central Maritime Forest	open	late	CES203.261
bYTWA	316221	Atlantic Coastal Plain Central Maritime Forest	open	mid	CES203.261
bYTWA	219031	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	closed	late	CES203.245a
bYTWA	219032	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	closed	late	CES203.245a
bYTWA	219021	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	closed	mid	CES203.245a
bYTWA	319031	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	open	late	CES203.245a
bYTWA	319021	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	open	mid	CES203.245a
bYTWA	217831	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	late	CES203.304b
bYTWA	217832	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	late	CES203.304b
bYTWA	217821	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	mid	CES203.304b
bYTWA	217822	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	closed	mid	CES203.304b
bYTWA	317831	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	late	CES203.304b
bYTWA	317821	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	mid	CES203.304b
bYTWA	216131	Atlantic Coastal Plain Northern Maritime Forest	closed	late	CES203.302
bYTWA	216121	Atlantic Coastal Plain Northern Maritime Forest	closed	mid	CES203.302
bYTWA	316131	Atlantic Coastal Plain Northern Maritime Forest	open	late	CES203.302
bYTWA	217731	Atlantic Coastal Plain Northern Tidal Wooded Swamp	closed	late	CES203.282
bYTWA	217721	Atlantic Coastal Plain Northern Tidal Wooded Swamp	closed	mid	CES203.282
bYTWA	317731	Atlantic Coastal Plain Northern Tidal Wooded Swamp	open	late	CES203.282
bYTWA	217931	Atlantic Coastal Plain Peatland Pocosin	closed	late	CES203.267
bYTWA	217921	Atlantic Coastal Plain Peatland Pocosin	closed	mid	CES203.267
bYTWA	317931	Atlantic Coastal Plain Peatland Pocosin	open	late	CES203.267
bYTWA	317921	Atlantic Coastal Plain Peatland Pocosin	open	mid	CES203.267
bYTWA	218531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	late	CES203.249
bYTWA	218521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	closed	mid	CES203.249
bYTWA	318531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	late	CES203.249
bYTWA	318521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	mid	CES203.249
bYTWA	215431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	late	CES203.250
bYTWA	215421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	closed	mid	CES203.250
bYTWA	315431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	late	CES203.250
bYTWA	215331	Atlantic Coastal Plain Southern Tidal Wooded Swamp	closed	late	CES203.240
bYTWA	215321	Atlantic Coastal Plain Southern Tidal Wooded Swamp	closed	mid	CES203.240
bYTWA	218431	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	closed	late	CES203.252
bYTWA	218421	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	closed	mid	CES203.252
bYTWA	318431	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	open	late	CES203.252
bYTWA	318421	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	open	mid	CES203.252
bYTWA	214831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	late	CES203.489a
bYTWA	214821	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	closed	mid	CES203.489a
bYTWA	314831	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	open	late	CES203.489a
bYTWA	214631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	late	CES203.559
bYTWA	214621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	closed	mid	CES203.559
bYTWA	314631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	late	CES203.559
bYTWA	314621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	mid	CES203.559
bYTWA	225031	East Gulf Coastal Plain Tidal Wooded Swamp	closed	late	CES203.299
bYTWA	225021	East Gulf Coastal Plain Tidal Wooded Swamp	closed	mid	CES203.299
bYTWA	207931	EGCP Maritime Forest	closed	late	CES203.503
bYTWA	207921	EGCP Maritime Forest	closed	mid	CES203.503
bYTWA	307931	EGCP Maritime Forest	open	late	CES203.503
bYTWA	307921	EGCP Maritime Forest	open	mid	CES203.503
bYTWA	214031	Mississippi River Riparian Forest	closed	late	CES203.190
bYTWA	214021	Mississippi River Riparian Forest	closed	mid	CES203.190
bYTWA	214731	Southern Coastal Plain Blackwater River Floodplain Forest	closed	late	CES203.493

SppC	State ClassID	Name	structure name	stage name	strSysElCode
bYTWA	214721	Southern Coastal Plain Blackwater River Floodplain Forest	closed	mid	CES203.493
bYTWA	314731	Southern Coastal Plain Blackwater River Floodplain Forest	open	late	CES203.493
bYTWA	215031	Southern Coastal Plain Nonriverine Basin Swamp	closed	late	CES203.384
bYTWA	215021	Southern Coastal Plain Nonriverine Basin Swamp	closed	mid	CES203.384
bYTWA	237031	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	closed	late	CES203.384b
bYTWA	237021	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	closed	mid	CES203.384b
bYTWA	237131	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Pine Modifier	closed	late	CES203.384c
bYTWA	237121	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Pine Modifier	closed	mid	CES203.384c
bYTWA	218031	Southern Coastal Plain Seepage Swamp and Baygall	closed	late	CES203.505
bYTWA	218021	Southern Coastal Plain Seepage Swamp and Baygall	closed	mid	CES203.505
bYTWA	318031	Southern Coastal Plain Seepage Swamp and Baygall	open	late	CES203.505
bYTWA	318021	Southern Coastal Plain Seepage Swamp and Baygall	open	mid	CES203.505
bYTWA	210831	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	closed	late	CES202.339c
bYTWA	210821	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	closed	mid	CES202.339c
bYTWA	310831	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	open	late	CES202.339c
bYTWA	310821	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	open	mid	CES202.339c
bYTWA	216531	Southern Piedmont Large Floodplain Forest - Forest Modifier	closed	late	CES202.324a
bYTWA	216521	Southern Piedmont Large Floodplain Forest - Forest Modifier	closed	mid	CES202.324a
bYTWA	316531	Southern Piedmont Large Floodplain Forest - Forest Modifier	open	late	CES202.324a
bYTWA	316521	Southern Piedmont Large Floodplain Forest - Forest Modifier	open	mid	CES202.324a
bYTWA	216821	Southern Piedmont Small Floodplain and Riparian Forest	closed	mid	CES202.323
bYTWA	316831	Southern Piedmont Small Floodplain and Riparian Forest	open	late	CES202.323
bYTWA	316821	Southern Piedmont Small Floodplain and Riparian Forest	open	mid	CES202.323

Appendix D. Secondary Land Cover Habitat Model Parameters for Avian Species.

SppC	State ClassID	Name	structure name	stage name	strSysElCode
W bABDU	116311	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	early succ	early	CES203.516
W bABDU	1820	Row Crop	early succ	n/a	SEGAP820
B bWODU	218631	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	closed	late	CES203.241
B bWODU	218621	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	closed	mid	CES203.241
B bWODU	318631	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	open	late	CES203.241
B bWODU	318621	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	open	mid	CES203.241
B bWODU	217321	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	closed	mid	CES203.254d
B bWODU	317331	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	open	late	CES203.254d
B bWODU	317321	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	open	mid	CES203.254d
B bWODU	218831	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	closed	late	CES203.242
B bWODU	218821	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	closed	mid	CES203.242
B bWODU	318831	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	open	late	CES203.242
B bWODU	318821	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	open	mid	CES203.242
B bWODU	217231	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	closed	late	CES203.496d
B bWODU	217221	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	closed	mid	CES203.496d
B bWODU	317231	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	open	late	CES203.496d
B bWODU	317221	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	open	mid	CES203.496d
B bWODU	217431	East Gulf Coastal Plain Limestone Forest	closed	late	CES203.502
B bWODU	217421	East Gulf Coastal Plain Limestone Forest	closed	mid	CES203.502
B bWODU	317421	East Gulf Coastal Plain Limestone Forest	open	mid	CES203.502
B bWODU	215731	Southern and Central Appalachian Oak Forest	closed	late	CES202.886
B bWODU	215721	Southern and Central Appalachian Oak Forest	closed	mid	CES202.886
B bWODU	315731	Southern and Central Appalachian Oak Forest	open	late	CES202.886
B bWODU	205731	Southern Coastal Plain Dry Upland Hardwood Forest	closed	late	CES203.560
B bWODU	205721	Southern Coastal Plain Dry Upland Hardwood Forest	closed	mid	CES203.560
B bWODU	305731	Southern Coastal Plain Dry Upland Hardwood Forest	open	late	CES203.560
B bWODU	305721	Southern Coastal Plain Dry Upland Hardwood Forest	open	mid	CES203.560
B bWODU	206631	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	closed	late	CES202.339a
B bWODU	206621	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	closed	mid	CES202.339a
B bWODU	306631	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	open	late	CES202.339a
B bWODU	306621	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	open	mid	CES202.339a
B bWODU	216931	Southern Piedmont Mesic Forest	closed	late	CES202.342
B bWODU	216921	Southern Piedmont Mesic Forest	closed	mid	CES202.342
B bWODU	316931	Southern Piedmont Mesic Forest	open	late	CES202.342
B bWODU	316921	Southern Piedmont Mesic Forest	open	mid	CES202.342
bAMKE	118311	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	early succ	early	CES203.247a
bAMKE	318311	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	early	CES203.247a
bAMKE	318331	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	late	CES203.247a
bAMKE	318321	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	open	mid	CES203.247a
bAMKE	114411	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	early succ	early	CES203.248
bAMKE	314431	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	late	CES203.248
bAMKE	314421	Atlantic Coastal Plain Brownwater Stream Floodplain Forest	open	mid	CES203.248
bAMKE	121311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	early	CES203.376
bAMKE	1213	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.376
bAMKE	1213	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.376
bAMKE	321311	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bAMKE	321312	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	early	CES203.376
bAMKE	321321	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
bAMKE	321322	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	open	mid	CES203.376
bAMKE	116211	Atlantic Coastal Plain Central Maritime Forest	early succ	early	CES203.261
bAMKE	316231	Atlantic Coastal Plain Central Maritime Forest	open	late	CES203.261
bAMKE	316221	Atlantic Coastal Plain Central Maritime Forest	open	mid	CES203.261
bAMKE	119011	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	early succ	early	CES203.245a
bAMKE	319031	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	open	late	CES203.245a
bAMKE	319021	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	open	mid	CES203.245a
bAMKE	122521	Atlantic Coastal Plain Clay-Based Carolina Bay Herbaceous Wetland	early succ	mid	CES203.245b
bAMKE	1225	Atlantic Coastal Plain Clay-Based Carolina Bay Herbaceous Wetland	early succ	n/a	CES203.245b
bAMKE	322521	Atlantic Coastal Plain Clay-Based Carolina Bay Herbaceous Wetland	open	mid	CES203.245b
bAMKE	1318	Atlantic Coastal Plain Depression Pondshore	early succ	n/a	CES203.262
bAMKE	118611	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	early succ	early	CES203.241
bAMKE	318631	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	open	late	CES203.241
bAMKE	318621	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	open	mid	CES203.241
bAMKE	121411	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	early succ	early	CES203.259
bAMKE	321411	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	early	CES203.259
bAMKE	321421	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	mid	CES203.259
bAMKE	321422	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	open	mid	CES203.259
bAMKE	124611	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	early succ	early	CES203.260
bAMKE	109011	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	early succ	early	CES203.254c
bAMKE	309031	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	open	late	CES203.254c
bAMKE	309021	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	open	mid	CES203.254c
bAMKE	117311	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	early succ	early	CES203.254d
bAMKE	317331	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	open	late	CES203.254d
bAMKE	317321	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	open	mid	CES203.254d

bAMKE	109111	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	early succ	early	CES203.254a
bAMKE	309131	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	open	late	CES203.254a
bAMKE	309121	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	open	mid	CES203.254a
bAMKE	121911	Atlantic Coastal Plain Large Natural Lakeshore	early succ	early	CES203.044
bAMKE	321921	Atlantic Coastal Plain Large Natural Lakeshore	open	mid	CES203.044
bAMKE	118811	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	early succ	early	CES203.242
bAMKE	318831	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	open	late	CES203.242
bAMKE	318821	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	open	mid	CES203.242
bAMKE	117811	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	early succ	early	CES203.304b
bAMKE	317831	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	late	CES203.304b
bAMKE	317821	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	mid	CES203.304b
bAMKE	115211	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	early succ	early	CES203.304a
bAMKE	115111	Atlantic Coastal Plain Northern Basin Swamp and Wet Hardwood Forest	early succ	early	CES203.520
bAMKE	316311	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	early	CES203.516
bAMKE	316312	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	early	CES203.516
bAMKE	316321	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	mid	CES203.516
bAMKE	316322	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	open	mid	CES203.516
bAMKE	116111	Atlantic Coastal Plain Northern Maritime Forest	early succ	early	CES203.302
bAMKE	116122	Atlantic Coastal Plain Northern Maritime Forest	early succ	mid	CES203.302
bAMKE	316131	Atlantic Coastal Plain Northern Maritime Forest	open	late	CES203.302
bAMKE	117911	Atlantic Coastal Plain Peatland Pocosin	early succ	early	CES203.267
bAMKE	317931	Atlantic Coastal Plain Peatland Pocosin	open	late	CES203.267
bAMKE	317921	Atlantic Coastal Plain Peatland Pocosin	open	mid	CES203.267
bAMKE	118511	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	early succ	early	CES203.249
bAMKE	318511	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	early	CES203.249
bAMKE	318531	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	late	CES203.249
bAMKE	318521	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	open	mid	CES203.249
bAMKE	115411	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	early succ	early	CES203.250
bAMKE	315411	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	early	CES203.250
bAMKE	315431	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	late	CES203.250
bAMKE	315421	Atlantic Coastal Plain Small Brownwater River Floodplain Forest	open	mid	CES203.250
bAMKE	115811	Atlantic Coastal Plain Southern Maritime Forest	early succ	early	CES203.537
bAMKE	315831	Atlantic Coastal Plain Southern Maritime Forest	open	late	CES203.537
bAMKE	315821	Atlantic Coastal Plain Southern Maritime Forest	open	mid	CES203.537
bAMKE	119111	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	early succ	early	CES203.536
bAMKE	319111	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	open	early	CES203.536
bAMKE	319131	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	open	late	CES203.536
bAMKE	319121	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	open	mid	CES203.536
bAMKE	118411	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	early succ	early	CES203.252
bAMKE	318431	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	open	late	CES203.252
bAMKE	318421	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	open	mid	CES203.252
bAMKE	119311	Atlantic Coastal Plain Upland Longleaf Pine Woodland	early succ	early	CES203.281
bAMKE	319331	Atlantic Coastal Plain Upland Longleaf Pine Woodland	open	late	CES203.281
bAMKE	319321	Atlantic Coastal Plain Upland Longleaf Pine Woodland	open	mid	CES203.281
bAMKE	117111	Atlantic Coastal Plain Xeric River Dune	early succ	early	CES203.497
bAMKE	317131	Atlantic Coastal Plain Xeric River Dune	open	late	CES203.497
bAMKE	317121	Atlantic Coastal Plain Xeric River Dune	open	mid	CES203.497
bAMKE	118111	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	early succ	early	CES203.505
bAMKE	318111	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	open	early	CES203.505
bAMKE	318131	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	open	late	CES203.505
bAMKE	318121	Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	open	mid	CES203.505
bAMKE	114311	Central Florida Pine Flatwoods	early succ	early	CES203.382
bAMKE	314331	Central Florida Pine Flatwoods	open	late	CES203.382
bAMKE	314321	Central Florida Pine Flatwoods	open	mid	CES203.382
bAMKE	1300	Deciduous Plantations	early succ	n/a	SEGAP410
bAMKE	116711	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	early succ	early	CES203.496c
bAMKE	316731	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	open	late	CES203.496c
bAMKE	316721	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	open	mid	CES203.496c
bAMKE	117211	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	early succ	early	CES203.496d
bAMKE	317231	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	open	late	CES203.496d
bAMKE	317221	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	open	mid	CES203.496d
bAMKE	109511	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	early succ	early	CES203.496a
bAMKE	309531	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	open	late	CES203.496a
bAMKE	309521	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	open	mid	CES203.496a
bAMKE	317421	East Gulf Coastal Plain Limestone Forest	open	mid	CES203.502
bAMKE	115611	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Offsite Hardwood	early succ	early	CES203.375c
bAMKE	315631	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Offsite Hardwood	open	late	CES203.375c
bAMKE	315621	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Offsite Hardwood	open	mid	CES203.375c
bAMKE	115511	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	early succ	early	CES203.375a
bAMKE	315531	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	open	late	CES203.375a
bAMKE	315521	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open	open	mid	CES203.375a
bAMKE	114211	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Scrub/Shrub	early succ	early	CES203.375b
bAMKE	314231	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Scrub/Shrub	open	late	CES203.375b
bAMKE	314221	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Scrub/Shrub	open	mid	CES203.375b
bAMKE	114611	East Gulf Coastal Plain Small Stream and River Floodplain Forest	early succ	early	CES203.559
bAMKE	314631	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	late	CES203.559
bAMKE	314621	East Gulf Coastal Plain Small Stream and River Floodplain Forest	open	mid	CES203.559
bAMKE	1324	East Gulf Coastal Plain Southern Depression Pondshore	early succ	n/a	CES203.504
bAMKE	123311	East Gulf Coastal Plain Treeless Savanna and Wet Prairie	early succ	early	CES203.192
bAMKE	323331	East Gulf Coastal Plain Treeless Savanna and Wet Prairie	open	late	CES203.192
bAMKE	323321	East Gulf Coastal Plain Treeless Savanna and Wet Prairie	open	mid	CES203.192

bAMKE	107911	EGCP Maritime Forest	early succ	early	CES203.503
bAMKE	307931	EGCP Maritime Forest	open	late	CES203.503
bAMKE	307921	EGCP Maritime Forest	open	mid	CES203.503
bAMKE	120111	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	early succ	early	SEGAP420
bAMKE	320111	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	open	early	SEGAP420
bAMKE	320131	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	open	late	SEGAP420
bAMKE	320121	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	open	mid	SEGAP420
bAMKE	1216	Florida Big Bend Fresh-Oligohaline Tidal Marsh	early succ	n/a	CES203.507
bAMKE	107611	Florida Longleaf Pine Sandhill- Open Understory	early succ	early	CES203.284a
bAMKE	307631	Florida Longleaf Pine Sandhill- Open Understory	open	late	CES203.284a
bAMKE	307621	Florida Longleaf Pine Sandhill- Open Understory	open	mid	CES203.284a
bAMKE	112411	Florida Peninsula Inland Scrub	early succ	early	CES203.057
bAMKE	312431	Florida Peninsula Inland Scrub	open	late	CES203.057
bAMKE	312421	Florida Peninsula Inland Scrub	open	mid	CES203.057
bAMKE	122811	Floridian Highlands Freshwater Marsh	early succ	early	CES203.077
bAMKE	120411	Public Evergreen Plantations or Managed Pine (can include dense successional regrowth)	early succ	early	SEGAP420
bAMKE	320411	Public Evergreen Plantations or Managed Pine (can include dense successional regrowth)	open	early	SEGAP420
bAMKE	320431	Public Evergreen Plantations or Managed Pine (can include dense successional regrowth)	open	late	SEGAP420
bAMKE	320421	Public Evergreen Plantations or Managed Pine (can include dense successional regrowth)	open	mid	SEGAP420
bAMKE	315731	Southern and Central Appalachian Oak Forest	open	late	CES202.886
bAMKE	114711	Southern Coastal Plain Blackwater River Floodplain Forest	early succ	early	CES203.493
bAMKE	314731	Southern Coastal Plain Blackwater River Floodplain Forest	open	late	CES203.493
bAMKE	105711	Southern Coastal Plain Dry Upland Hardwood Forest	early succ	early	CES203.560
bAMKE	305731	Southern Coastal Plain Dry Upland Hardwood Forest	open	late	CES203.560
bAMKE	305721	Southern Coastal Plain Dry Upland Hardwood Forest	open	mid	CES203.560
bAMKE	123111	Southern Coastal Plain Herbaceous Seepage Bog	early succ	early	CES203.078
bAMKE	119411	Southern Coastal Plain Hydric Hammock	early succ	early	CES203.501
bAMKE	115011	Southern Coastal Plain Nonriverine Basin Swamp	early succ	early	CES203.384
bAMKE	315011	Southern Coastal Plain Nonriverine Basin Swamp	open	early	CES203.384
bAMKE	137011	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	early succ	early	CES203.384b
bAMKE	137811	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Clethra Modifier	early succ	early	CES203.384e
bAMKE	137711	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Nuphar Modifier	early succ	early	CES203.384d
bAMKE	137111	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Pine Modifier	early succ	early	CES203.384c
bAMKE	116411	Southern Coastal Plain Nonriverine Cypress Dome	early succ	early	CES203.251
bAMKE	316431	Southern Coastal Plain Nonriverine Cypress Dome	open	late	CES203.251
bAMKE	316421	Southern Coastal Plain Nonriverine Cypress Dome	open	mid	CES203.251
bAMKE	136911	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	early succ	early	CES203.384a
bAMKE	336911	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	open	early	CES203.384a
bAMKE	109911	Southern Coastal Plain Oak Dome and Hammock	early succ	early	CES203.494
bAMKE	309931	Southern Coastal Plain Oak Dome and Hammock	open	late	CES203.494
bAMKE	309921	Southern Coastal Plain Oak Dome and Hammock	open	mid	CES203.494
bAMKE	118011	Southern Coastal Plain Seepage Swamp and Baygall	early succ	early	CES203.505
bAMKE	318031	Southern Coastal Plain Seepage Swamp and Baygall	open	late	CES203.505
bAMKE	318021	Southern Coastal Plain Seepage Swamp and Baygall	open	mid	CES203.505
bAMKE	106611	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	early succ	early	CES202.339a
bAMKE	306631	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	open	late	CES202.339a
bAMKE	306621	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	open	mid	CES202.339a
bAMKE	117011	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	early succ	early	CES202.339b
bAMKE	317031	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	open	late	CES202.339b
bAMKE	317021	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	open	mid	CES202.339b
bAMKE	110811	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	early succ	early	CES202.339c
bAMKE	310831	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	open	late	CES202.339c
bAMKE	310821	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	open	mid	CES202.339c
bAMKE	116911	Southern Piedmont Mesic Forest	early succ	early	CES202.342
bAMKE	316931	Southern Piedmont Mesic Forest	open	late	CES202.342
bAMKE	316921	Southern Piedmont Mesic Forest	open	mid	CES202.342
bAMKE	116811	Southern Piedmont Small Floodplain and Riparian Forest	early succ	early	CES202.323
bAMKE	316831	Southern Piedmont Small Floodplain and Riparian Forest	open	late	CES202.323
bAMKE	316821	Southern Piedmont Small Floodplain and Riparian Forest	open	mid	CES202.323
bAMKE	1321	Unconsolidated Shore (Lake/River/Pond)	early succ	n/a	SEGAP321
bFISP	216231	Atlantic Coastal Plain Central Maritime Forest	closed	late	CES203.261
bFISP	216221	Atlantic Coastal Plain Central Maritime Forest	closed	mid	CES203.261
bFISP	116211	Atlantic Coastal Plain Central Maritime Forest	early succ	early	CES203.261
bFISP	316231	Atlantic Coastal Plain Central Maritime Forest	open	late	CES203.261
bFISP	316221	Atlantic Coastal Plain Central Maritime Forest	open	mid	CES203.261
bFISP	218631	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	closed	late	CES203.241
bFISP	218621	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	closed	mid	CES203.241
bFISP	118611	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	early succ	early	CES203.241
bFISP	318631	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	open	late	CES203.241
bFISP	318621	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	open	mid	CES203.241
bFISP	209031	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	closed	late	CES203.254c
bFISP	209021	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	closed	mid	CES203.254c
bFISP	109011	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	early succ	early	CES203.254c
bFISP	309031	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	open	late	CES203.254c
bFISP	309021	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	open	mid	CES203.254c
bFISP	217321	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	closed	mid	CES203.254d
bFISP	117311	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	early succ	early	CES203.254d
bFISP	317331	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	open	late	CES203.254d
bFISP	317321	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	open	mid	CES203.254d
bFISP	209131	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	closed	late	CES203.254a

bFISP	209121	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	closed	mid	CES203.254a
bFISP	109111	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	early succ	early	CES203.254a
bFISP	309131	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	open	late	CES203.254a
bFISP	309121	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	open	mid	CES203.254a
bFISP	219231	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	closed	late	CES203.254b
bFISP	219221	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	closed	mid	CES203.254b
bFISP	119211	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	early succ	early	CES203.254b
bFISP	319231	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	open	late	CES203.254b
bFISP	319221	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	open	mid	CES203.254b
bFISP	218831	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	closed	late	CES203.242
bFISP	218821	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	closed	mid	CES203.242
bFISP	118811	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	early succ	early	CES203.242
bFISP	318831	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	open	late	CES203.242
bFISP	318821	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	open	mid	CES203.242
bFISP	216131	Atlantic Coastal Plain Northern Maritime Forest	closed	late	CES203.302
bFISP	216121	Atlantic Coastal Plain Northern Maritime Forest	closed	mid	CES203.302
bFISP	116111	Atlantic Coastal Plain Northern Maritime Forest	early succ	early	CES203.302
bFISP	316131	Atlantic Coastal Plain Northern Maritime Forest	open	late	CES203.302
bFISP	215831	Atlantic Coastal Plain Southern Maritime Forest	closed	late	CES203.537
bFISP	215821	Atlantic Coastal Plain Southern Maritime Forest	closed	mid	CES203.537
bFISP	115811	Atlantic Coastal Plain Southern Maritime Forest	early succ	early	CES203.537
bFISP	315831	Atlantic Coastal Plain Southern Maritime Forest	open	late	CES203.537
bFISP	315821	Atlantic Coastal Plain Southern Maritime Forest	open	mid	CES203.537
bFISP	219331	Atlantic Coastal Plain Upland Longleaf Pine Woodland	closed	late	CES203.281
bFISP	219321	Atlantic Coastal Plain Upland Longleaf Pine Woodland	closed	mid	CES203.281
bFISP	119311	Atlantic Coastal Plain Upland Longleaf Pine Woodland	early succ	early	CES203.281
bFISP	319331	Atlantic Coastal Plain Upland Longleaf Pine Woodland	open	late	CES203.281
bFISP	319321	Atlantic Coastal Plain Upland Longleaf Pine Woodland	open	mid	CES203.281
bFISP	1300	Deciduous Plantations	early succ	n/a	SEGAP410
bFISP	216731	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	closed	late	CES203.496c
bFISP	216721	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	closed	mid	CES203.496c
bFISP	116711	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	early succ	early	CES203.496c
bFISP	316731	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	open	late	CES203.496c
bFISP	316721	East Gulf Coastal Plain Interior Upland LL Pine Woodland - Loblolly Modifier	open	mid	CES203.496c
bFISP	217231	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	closed	late	CES203.496d
bFISP	217221	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	closed	mid	CES203.496d
bFISP	117211	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	early succ	early	CES203.496d
bFISP	317231	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	open	late	CES203.496d
bFISP	317221	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	open	mid	CES203.496d
bFISP	209531	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	closed	late	CES203.496a
bFISP	209521	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	closed	mid	CES203.496a
bFISP	109511	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	early succ	early	CES203.496a
bFISP	309531	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	open	late	CES203.496a
bFISP	309521	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	open	mid	CES203.496a
bFISP	209631	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub	closed	late	CES203.496b
bFISP	209621	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub	closed	mid	CES203.496b
bFISP	109611	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub	early succ	early	CES203.496b
bFISP	309631	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub	open	late	CES203.496b
bFISP	309621	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub	open	mid	CES203.496b
bFISP	217431	East Gulf Coastal Plain Limestone Forest	closed	late	CES203.502
bFISP	217421	East Gulf Coastal Plain Limestone Forest	closed	mid	CES203.502
bFISP	317421	East Gulf Coastal Plain Limestone Forest	open	mid	CES203.502
bFISP	207931	EGCP Maritime Forest	closed	late	CES203.503
bFISP	207921	EGCP Maritime Forest	closed	mid	CES203.503
bFISP	107911	EGCP Maritime Forest	early succ	early	CES203.503
bFISP	307931	EGCP Maritime Forest	open	late	CES203.503
bFISP	307921	EGCP Maritime Forest	open	mid	CES203.503
bFISP	220131	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	closed	late	SEGAP420
bFISP	220121	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	closed	mid	SEGAP420
bFISP	120111	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	early succ	early	SEGAP420
bFISP	320111	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	open	early	SEGAP420
bFISP	320131	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	open	late	SEGAP420
bFISP	320121	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	open	mid	SEGAP420
bFISP	207731	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory	closed	late	CES203.284b
bFISP	207721	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory	closed	mid	CES203.284b
bFISP	107711	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory	early succ	early	CES203.284b
bFISP	307731	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory	open	late	CES203.284b
bFISP	307721	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory	open	mid	CES203.284b
bFISP	207631	Florida Longleaf Pine Sandhill- Open Understory	closed	late	CES203.284a
bFISP	207621	Florida Longleaf Pine Sandhill- Open Understory	closed	mid	CES203.284a
bFISP	107611	Florida Longleaf Pine Sandhill- Open Understory	early succ	early	CES203.284a
bFISP	307631	Florida Longleaf Pine Sandhill- Open Understory	open	late	CES203.284a
bFISP	307621	Florida Longleaf Pine Sandhill- Open Understory	open	mid	CES203.284a
bFISP	120411	Public Evergreen Plantations or Managed Pine (can include dense successional regrowth)	early succ	early	SEGAP420
bFISP	120611	Public Successional Shrub/Scrub (Clear Cut)	early succ	early	SEGAP420
bFISP	320611	Public Successional Shrub/Scrub (Clear Cut)	open	early	SEGAP420
bFISP	320631	Public Successional Shrub/Scrub (Clear Cut)	open	late	SEGAP420
bFISP	320621	Public Successional Shrub/Scrub (Clear Cut)	open	mid	SEGAP420
bFISP	215731	Southern and Central Appalachian Oak Forest	closed	late	CES202.886
bFISP	215721	Southern and Central Appalachian Oak Forest	closed	mid	CES202.886
bFISP	315731	Southern and Central Appalachian Oak Forest	open	late	CES202.886

bFISP	205731	Southern Coastal Plain Dry Upland Hardwood Forest	closed	late	CES203.560
bFISP	205721	Southern Coastal Plain Dry Upland Hardwood Forest	closed	mid	CES203.560
bFISP	105711	Southern Coastal Plain Dry Upland Hardwood Forest	early succ	early	CES203.560
bFISP	305731	Southern Coastal Plain Dry Upland Hardwood Forest	open	late	CES203.560
bFISP	305721	Southern Coastal Plain Dry Upland Hardwood Forest	open	mid	CES203.560
bFISP	209931	Southern Coastal Plain Oak Dome and Hammock	closed	late	CES203.494
bFISP	209921	Southern Coastal Plain Oak Dome and Hammock	closed	mid	CES203.494
bFISP	109911	Southern Coastal Plain Oak Dome and Hammock	early succ	early	CES203.494
bFISP	309931	Southern Coastal Plain Oak Dome and Hammock	open	late	CES203.494
bFISP	309921	Southern Coastal Plain Oak Dome and Hammock	open	mid	CES203.494
bFISP	206631	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	closed	late	CES202.339a
bFISP	206621	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	closed	mid	CES202.339a
bFISP	106611	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	early succ	early	CES202.339a
bFISP	306631	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	open	late	CES202.339a
bFISP	306621	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	open	mid	CES202.339a
bFISP	217031	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	closed	late	CES202.339b
bFISP	217021	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	closed	mid	CES202.339b
bFISP	117011	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	early succ	early	CES202.339b
bFISP	317031	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	open	late	CES202.339b
bFISP	317021	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	open	mid	CES202.339b
bFISP	210831	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	closed	late	CES202.339c
bFISP	210821	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	closed	mid	CES202.339c
bFISP	110811	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	early succ	early	CES202.339c
bFISP	310831	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	open	late	CES202.339c
bFISP	310821	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	open	mid	CES202.339c
bFISP	216931	Southern Piedmont Mesic Forest	closed	late	CES202.342
bFISP	216921	Southern Piedmont Mesic Forest	closed	mid	CES202.342
bFISP	116911	Southern Piedmont Mesic Forest	early succ	early	CES202.342
bFISP	316931	Southern Piedmont Mesic Forest	open	late	CES202.342
bFISP	316921	Southern Piedmont Mesic Forest	open	mid	CES202.342
bLETE	1211	Developed Open Space	early succ	n/a	SEGAP211
bLETE	1240	High Intensity Developed	early succ	n/a	SEGAP240
bLETE	1220	Low Intensity Developed	early succ	n/a	SEGAP220
bLETE	1230	Medium Intensity Developed	early succ	n/a	SEGAP230
bSACR	117811	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	early succ	early	CES203.304b
bSACR	317811	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	open	early	CES203.304b
bSACR	119111	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	early succ	early	CES203.536
bSACR	319111	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	open	early	CES203.536
bSACR	118411	Atlantic Coastal Plain Streamhead Seepage Swamp, Poccosin, and Baygall	early succ	early	CES203.252
bSACR	119411	Southern Coastal Plain Hydric Hammock	early succ	early	CES203.501
bSACR	115011	Southern Coastal Plain Nonriverine Basin Swamp	early succ	early	CES203.384
bSACR	315011	Southern Coastal Plain Nonriverine Basin Swamp	open	early	CES203.384
bSACR	137011	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	early succ	early	CES203.384b
bSACR	137811	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Clethra Modifier	early succ	early	CES203.384e
bSACR	137711	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Nuphar Modifier	early succ	early	CES203.384d
bSACR	137111	Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Pine Modifier	early succ	early	CES203.384c
bSACR	116411	Southern Coastal Plain Nonriverine Cypress Dome	early succ	early	CES203.251
bSACR	136911	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	early succ	early	CES203.384a
bSACR	336911	Southern Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium Modifier	open	early	CES203.384a
bSACR	118011	Southern Coastal Plain Seepage Swamp and Baygall	early succ	early	CES203.505