





# **Wood Stork**

Mycteria americana

Taxa: Avian

Order: Ciconiiformes

Family: Ciconiidae

# Sorve Floment Code:

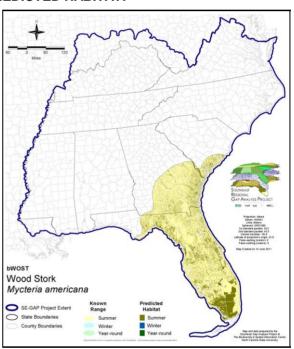
SE-GAP Spp Code: **bWOST** ITIS Species Code: 174897

NatureServe Element Code: ABNGF02010

### **KNOWN RANGE:**

# bwost Wood Stork Mycteria americana SE-GAP Project Extent State Boundaries Courtly Boundaries Summer Winter Year-ound Same Summer Su

### PREDICTED HABITAT:



Range Map Link: <a href="http://www.basic.ncsu.edu/segap/datazip/maps/SE\_Range\_bWOST.pdf">http://www.basic.ncsu.edu/segap/datazip/maps/SE\_Range\_bWOST.pdf</a>

Predicted Habitat Map Link: <a href="http://www.basic.ncsu.edu/segap/datazip/maps/SE\_Dist\_bWOST.pdf">http://www.basic.ncsu.edu/segap/datazip/maps/SE\_Dist\_bWOST.pdf</a>
GAP Online Tool Link: <a href="http://www.gapserve.ncsu.edu/segap/segap/index2.php?species=bWOST">http://www.gapserve.ncsu.edu/segap/segap/index2.php?species=bWOST</a>

Data Download: <a href="http://www.basic.ncsu.edu/segap/datazip/region/vert/bWOST\_se00.zip">http://www.basic.ncsu.edu/segap/datazip/region/vert/bWOST\_se00.zip</a>

### **PROTECTION STATUS:**

Reported on March 14, 2011

Federal Status: ---

State Status: AL (SP), AR (W), CA (None), FL (FE), GA (E), ID (P), KY (N), MS (LE), NC (E), NV (YES), NY (PB), SC (SE-

Endangered), TX (T), TX (T), UT (None), BC (8 (2005)), QC (Non suivie)

NS Global Rank: G4

NS State Rank: AL (S2N), AR (SNA), AZ (S1N), CA (S2?), CO (SNA), DC (SHN), DE (SNA), FL (S2), GA (S2), ID (SNA), IL (SNA), IN (SNA), KS (SNA), KY (SNA), LA (SNA), MD (SNA), ME (SNA), MS (S2N), MT (SNA), NC (S1B,S1N), NE (SNA), NM (SNA), NV (SNA), NY (SNA), OK (SNA), SC (S1S2), TN (S3N), TX (SHB,S2N), TX (SHB,S2N), UT (SNA), VA (SNA), WI (SNA), WY (SNA), BC (SNA), NB (SNA), ON (SNA), QC (SNA)

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### SUMMARY OF PREDICTED HABITAT BY MANAGMENT AND GAP PROTECTION STATUS:

	US FWS		US Forest Service		Tenn. Valley Author.		US DOD/ACOE	
	ha	%	ha	%	ha	%	ha	%
Status 1	48,345.4	1	0.0	0	0.0	0	0.0	0
Status 2	32,242.9	< 1	17,204.6	< 1	0.0	0	0.0	0
Status 3	3.2	< 1	60,619.8	1	0.0	0	51,725.3	1
Status 4	5.2	< 1	0.0	0	0.0	0	0.0	0
Total	80,596.7	2	77,824.4	2	0.0	0	51,725.3	1
1	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	362,324.0	8	678.4	< 1	10,342.7	< 1
Status 2	0.0	0	15,405.8	< 1	32,364.3	< 1	5.0	< 1
Status 3	0.0	0	257,003.1	5	0.0	0	0.0	0
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	0.0	0	634,732.9	13	33,042.7	< 1	10,347.8	< 1
	Native Am. Reserv.		State Park/Hist. Park		State WMA/Gameland		State Forest	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	0.0	0	0.0	0	0.0	0
Status 2	0.0	0	482.2	< 1	478,445.8	10	0.0	0
Status 3	0.0	0	357,608.7	7	71.6	< 1	93,372.1	2
Status 4	0.0	0	< 0.1	< 1	0.3	< 1	0.0	0
Total	0.0	0	358,091.0	7	478,517.7	10	93,372.1	2
	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	0.0	0	0.0	0	0.0	0
Status 2	218.3	< 1	11,953.5	< 1	0.0	0	1,162.4	< 1
Status 3	0.0	0	13,882.6	< 1	5,309.7	< 1	49,223.3	1
Status 4	0.0	0	0.0	0	137.1	< 1	0.0	0
Total	218.3	< 1	25,836.1	< 1	5,446.8	< 1	50,385.8	1
[	Private Land - No Res.		Water				Overall Total	
	ha	%	ha	%			ha	%
Status 1	0.0	0	0.0	0			421,690.5	9
Status 2	0.0	0	0.0	0			589,484.8	12
Status 3	88.2	< 1	0.0	0			888,907.8	20
Status 4	2,806,974.2	58	39,132.1	< 1			2,846,244.0	59
Total	2,807,062.4	58	39,132.1	< 1			4,746,327.0	100

GAP Status 1: An area having permanent protection from conversion of natural land cover and a mandated management plan in operation to maintain a natural state within which disturbance events (of natural type, frequency, and intensity) are allowed to proceed without interference or are mimicked through management.

GAP Status 2: An area having permanent protection from conversion of natural land cover and a mandated management plan in operation to maintain a primarily natural state, but which may receive use or management practices that degrade the quality of existing natural communities.

GAP Status 3: An area having permanent protection from conversion of natural land cover for the majority of the area, but subject to extractive uses of either a broad, low-intensity type or localized intense type. It also confers protection to federally listed endangered and threatened species throughout the area.

GAP Status 4: Lack of irrevocable easement or mandate to prevent conversion of natural habitat types to anthropogenic habitat types. Allows for intensive use throughout the tract. Also includes those tracts for which the existence of such restrictions or sufficient information to establish a higher status is unknown.

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### PREDICTED HABITAT MODEL(S):

## **Summer Model:**

Habitat Description: Nests colonially in freshwater and marine-estuarine forested habitats. Flooding in and around nesting locations important to deter predation. Freshwater habitats in Florida range from monoculture of bald cypress, black gum or southern willow to more heterogeneous bottomland hardwood swamps dominated by cypress and black gum. In Georgia, nests in black gum, willow, and buttonbush; South Carolina in habitats dominated by cypress (Coulter et al. 1999). Feeds in open, shallow water areas and wetlands including hardwood and cypress swamps, ponds, freshwater and estuarine marshes, tidal creeks, emergent wetlands (Florida Fish and Wildlife Conservation Commission 2003). In Florida, particularly uses Everglades and Big Cypress basins, freshwater marshes and mangrove swamps (Stevenson and Anderson 1994). M. Rubino, 22dec04.

## Hydrography Mask:

Utilizes open water features with buffers of 60m from and 30m into selected water features.

Utilizes wet vegetation features with buffer of unlimited into selected vegetation features.

Functional Group	Map Unit Name
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Indian River Lagoon Tidal Marsh
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Southern Tidal Wooded Swamp
Brackish Tidal Marsh & Wetland	East Gulf Coastal Plain Tidal Wooded Swamp
Brackish Tidal Marsh & Wetland	Florida Big Bend Salt-Brackish Tidal Marsh
Brackish Tidal Marsh & Wetland	Mississippi Sound Salt and Brackish Tidal Marsh
Brackish Tidal Marsh & Wetland	South Florida Everglades Sawgrass Marsh
Brackish Tidal Marsh & Wetland	South Florida Mangrove Swamp
Brackish Tidal Marsh & Wetland	Southwest Florida Perched Barriers Salt Swamp and Lagoon - Mangrove Modifier
Brackish Tidal Marsh & Wetland	Southwest Florida Perched Barriers Salt Swamp and Lagoon - Marsh Modifier
Freshwater Tidal Marsh & Wetland	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh
Freshwater Tidal Marsh & Wetland	Florida Big Bend Fresh-Oligohaline Tidal Marsh
Water	Open Water (Aquaculture)
Water	Open Water (Brackish/Salt)
Water	Open Water (Fresh)
Wetlands	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier
Wetlands	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Herbaceous Modifier
Wetlands	Atlantic Coastal Plain Brownwater Stream Floodplain Forest
Wetlands	Atlantic Coastal Plain Depression Pondshore
Wetlands	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier
Wetlands	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier
Wetlands	Atlantic Coastal Plain Small Blackwater River Floodplain Forest
Wetlands	Atlantic Coastal Plain Small Brownwater River Floodplain Forest
Wetlands	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods
Wetlands	Central Florida Herbaceous Pondshore
Wetlands	Central Florida Herbaceous Seep
Wetlands	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier
Wetlands	East Gulf Coastal Plain Northern Seepage Swamp
Wetlands	East Gulf Coastal Plain Small Stream and River Floodplain Forest
Wetlands	East Gulf Coastal Plain Southern Depression Pondshore
Wetlands	Floridian Highlands Freshwater Marsh
Wetlands	South Florida Bayhead Swamp
Wetlands	South Florida Cypress Dome
Wetlands	South Florida Dwarf Cypress Savanna
Wetlands	South Florida Freshwater Slough and Gator Hole
Wetlands	South Florida Pond-Apple/Popash Slough
Wetlands	South Florida Wet Marl Prairie

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Wetlands	Southern Coastal Plain Blackwater River Floodplain Forest	
Wetlands	Southern Coastal Plain Hydric Hammock	
Wetlands	Southern Coastal Plain Nonriverine Basin Swamp	
Wetlands	Southern Coastal Plain Nonriverine Cypress Dome	
Wetlands	Southern Coastal Plain Spring-run Stream Aquatic Vegetation	
Wetlands	Unconsolidated Shore (Lake/River/Pond)	

CITATIONS: American Ornithologists' Union (AOU), Committee on Classification and Nomenclature. 1983. Check-list of North American Birds. Sixth Edition. American Ornithologists' Union, Allen Press, Inc., Lawrence, Kansas.

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127 David Clark Labs Dept. of Biology, NCSU Raleigh, NC 27695-7617 (919) 513-2853

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This data was compiled and/or developed by the Southeast GAP Analysis Project at The Biodiversity and Spatial Information Center, North Carolina State University.

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