

SOUTHEAST GAP ANALYSIS PROJECT

Species Modeling Report

White Ibis

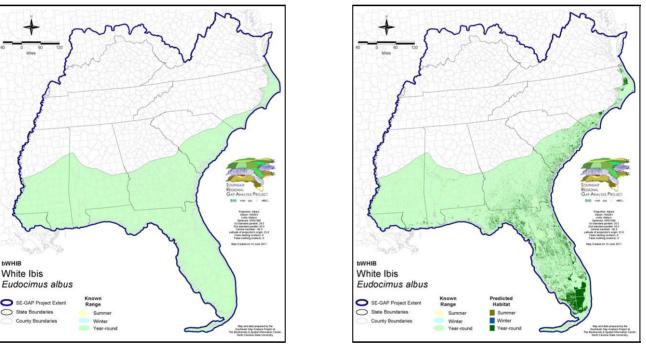
Eudocimus albus

- Taxa: Avian
- Order: Ciconiiformes
- Family: Threskiornithidae

KNOWN RANGE:

SE-GAP Spp Code: **bWHIB** ITIS Species Code: 174930 NatureServe Element Code: ABNGE01010

PREDICTED HABITAT:



 Range Map Link:
 http://www.basic.ncsu.edu/segap/datazip/maps/SE_Range_bWHIB.pdf

 Predicted Habitat Map Link:
 http://www.basic.ncsu.edu/segap/datazip/maps/SE_Dist_bWHIB.pdf

 GAP Online Tool Link:
 http://www.gapserve.ncsu.edu/segap/segap/index2.php?species=bWHIB

 Data Download:
 http://www.basic.ncsu.edu/segap/datazip/region/vert/bWHIB_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: FL (SSC), ID (P), KY (N), NC (W2), NY (PB), QC (Non suivie)

NS Global Rank: G5

NS State Rank: AL (S3N,S4B), AR (S1B), AR (S1B), AZ (SNA), CA (SNA), CO (SNA), DE (SNA), FL (S4), GA (S4), ID (SNA), IL (SNA), IN (SNA), KS (SNA), KY (SNA), LA (S5), MD (SNA), MI (SNA), MO (SNA), MS (S2B,S3N), MS (S2B,S3N), NC (S3B,S3N), NJ (SNA), NM (SNA), NY (SNA), OK (SNA), PA (SNA), SC (SNR), TN (S3N), TX (S4B), VA (S1B), VA (S1B), WA (SNA), WI (SNA), WY (SNA), WY (SNA), MB (SNA), NB (SNA), NF (SNA), NS (SNA), ON (SNA), QC (SNA)

SUMMARY OF PREDICTED HABITAT BY MANAGMENT AND GAP PROTECTION STATUS:

1	US FWS		US Forest Service		Tenn. Valley Author.		US DOD/ACOE	
	ha	%	ha	%	ha	%	ha	9
Status 1	69,886.9	1	3,543.0	< 1	0.0	0	0.0	
Status 2	77,406.4	2	13,354.6	< 1	0.0	0	0.0	
Status 3	1,213.9	< 1	97,761.8	2	0.0	0	51,911.1	
Status 4	5.6	< 1	0.0	0	0.0	0	0.0	
Total	148,512.8	3	114,659.4	2	0.0	0	51,911.1	
1	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Land	
	ha	%	ha	%	ha	%	ha	9
Status 1	0.0	0	350,845.3	7	909.0	< 1	15,129.6	<
Status 2	0.0	0	31,998.3	< 1	38,179.4	< 1	32.2	<
Status 3	1,744.3	< 1	235,534.0	5	0.0	0	10.9	< 2
Status 4	0.0	0	3.0	0	0.0	0	0.0	(
Total	1,744.3	< 1	618,380.6	13	39,088.4	< 1	15,172.7	< 2
1	Native Am. Reserv.		State Park/Hist. Park		State WMA/Gameland		State Fores	
	ha	%	ha	%	ha	%	ha	9
Status 1	0.0	0	36.5	< 1	0.0	0	0.0	(
Status 2	0.0	0	182.8	< 1	453,057.9	10	0.0	
Status 3	0.0	0	289,781.5	6	43,411.3	< 1	76,850.1	:
Status 4	0.0	0	< 0.1	< 1	771.0	< 1	0.0	
Total	0.0	0	290,000.9	6	497,240.3	10	76,850.1	
I	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.	
	ha	%	ha	%	ha	%	ha	9
Status 1	0.0	0	482.0	< 1	0.0	0	0.0	
Status 2	15,076.4	< 1	24,164.9	< 1	0.0	0	1,049.9	<
Status 3	0.0	0	11,270.5	< 1	3,287.2	< 1	39,163.7	<
Status 4	0.0	0	0.0	0	47.7	< 1	0.0	(
Total	15,076.4	< 1	35,917.5	< 1	3,334.9	< 1	40,213.6	<
	Private Land - No Res.		Water			C		all Tota
	ha	%	ha	%			ha	9
Status 1	0.0	3	0.0	0			440,832.6	
Status 2	0.8	< 1	0.0	5			654,503.9	1
Status 3	186.3	< 1	< 0.1	< 1			852,126.6	2
Status 4	2,683,245.7	56	39,681.8	< 1			2,724,520.4	5
Total	2,683,433.0	56	39,682.2	< 1			4,671,983.5	10

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.

Year-round Model:

Habitat Description: Nests on barrier, and marsh islands on the coast and inland lake islands (Kushlan and Bildstein 1992). Also nests in stands of trees within marshes and mangrove swamps. Nest sites are in interior and coastal wetlands, including those within the southeastern mixed forest, outer coastal plain forest, and savanna ecoregions from Bailey. Historically, the largest populations foraged in interior freshwater marshes and swamps of the Everglades (Kushlan and Bildstein 1992). Most nesing birds forage in inland wetlands, even when breeding on coastal islands. Inland feeding habitat is mainly shallow seasonal sedge marshes and shallow cypress swamps, as well as pastures and shallow ponds. Coastal feeding habitat includes salt marsh in the north and lagoonal salines and mangrove swamps in the south. M. Rubino, 21dec04.

Hydrography Mask:

Utilizes open water features with buffers of 1000m from and 30m into selected water features. Utilizes wet vegetation features with buffer of unlimited into selected vegetation features.

Functional Group	Map Unit Name
Beach	Unconsolidated Shore (Beach/Dune)
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Indian River Lagoon Tidal Marsh
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Northern Sea-Level Fen
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Northern Tidal Salt Marsh
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Northern Tidal Wooded Swamp
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
Forest/Woodland	Atlantic Coastal Plain Central Maritime Forest
Forest/Woodland	Atlantic Coastal Plain Northern Maritime Forest
Forest/Woodland	Atlantic Coastal Plain Southern Maritime Forest
Forest/Woodland	East Gulf Coastal Plain Maritime Forest
Forest/Woodland	Mississippi Delta Maritime Forest
Forest/Woodland	Southeast Florida Coastal Strand and Maritime Hammock
Forest/Woodland	Southwest Florida Coastal Strand and Maritime Hammock
Freshwater Tidal Marsh & Wetland	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh
Freshwater Tidal Marsh & Wetland	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh
Freshwater Tidal Marsh & Wetland	Atlantic Coastal Plain Northern Fresh and 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 - Herbaceous Modifier
Wetlands	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland
Wetlands	Atlantic Coastal Plain Clay-Based Carolina Bay Herbaceous Wetland
Wetlands	Atlantic Coastal Plain Depression Pondshore
Wetlands	Atlantic Coastal Plain Large Natural Lakeshore
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 Northern Basin Peat Swamp

Wetlands	Atlantic Coastal Plain Northern Pondshore	
Wetlands	Atlantic Coastal Plain Peatland Pocosin	
Wetlands	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall	
Wetlands	Central Appalachian Floodplain - Herbaceous Modifier	
Wetlands	Central Appalachian Riparian - Herbaceous Modifier	
Wetlands	Central Florida Herbaceous Pondshore	
Wetlands	East Gulf Coastal Plain Large River Floodplain Forest - Herbaceous Modifier	
Wetlands	East Gulf Coastal Plain Northern Depression Pondshore	
Wetlands	East Gulf Coastal Plain Northern Seepage Swamp	
Wetlands	East Gulf Coastal Plain Southern Depression Pondshore	
Wetlands	Floridian Highlands Freshwater Marsh	
Wetlands	Lower Mississippi River Bottomland Depressions - Herbaceous Modifier	
Wetlands	South Florida Bayhead Swamp	
Wetlands	South Florida Cypress Dome	
Wetlands	South Florida Freshwater Slough and Gator Hole	
Wetlands	South Florida Pond-Apple/Popash Slough	
Wetlands	South Florida Willow Head	
Wetlands	South-Central Interior Large Floodplain - Herbaceous Modifier	
Wetlands	Southern Coastal Plain Herbaceous Seepage Bog	
Wetlands	Southern Coastal Plain Hydric Hammock	
Wetlands	Southern Coastal Plain Nonriverine Basin Swamp	
Wetlands	Southern Coastal Plain Nonriverine Cypress Dome	
Wetlands	Southern Coastal Plain Seepage Swamp and Baygall	
Wetlands	Southern Coastal Plain Spring-run Stream Aquatic Vegetation	
Wetlands	Southern Piedmont Large Floodplain Forest - Herbaceous Modifier	
Wetlands	Unconsolidated Shore (Lake/River/Pond)	

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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.