



SOUTHEAST GAP ANALYSIS PROJECT



Species Modeling Report

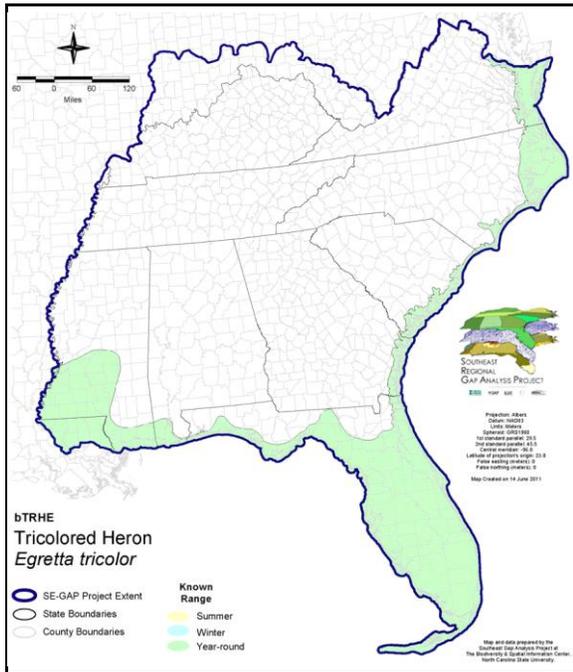
Tricolored Heron

Egretta tricolor

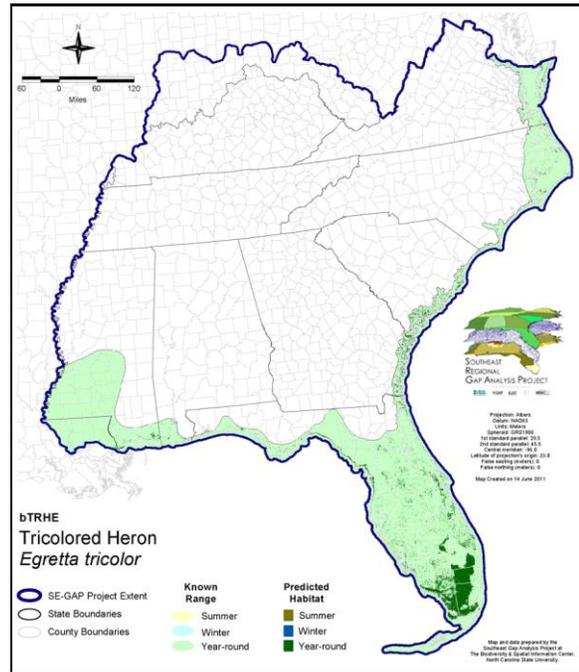
Taxa: Avian
 Order: Ciconiiformes
 Family: Ardeidae

SE-GAP Spp Code: **bTRHE**
 ITIS Species Code: 174826
 NatureServe Element Code: ABNGA06050

KNOWN RANGE:



PREDICTED HABITAT:



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

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

GAP Online Tool Link: <http://www.gapservice.ncsu.edu/segap/segap/index2.php?species=bTRHE>

Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/bTRHE_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: FL (SSC), KY (N), NC (SC), NJ (SC/SC), NV (YES), NY (PB), RI (Not Listed), UT (None), VA (SC), QC (Non suivie)

NS Global Rank: G5

NS State Rank: AL (S4B,S3N), AR (S3B,S3N), AZ (S2N), CA (SNA), CO (SNA), CT (S1B), CT (S1B), DC (S1N), DE (S1B), FL (S4), GA (S4), IL (SNA), IN (SNA), KS (S1B,S1N), KY (SNA), LA (S5B), MA (SXB,S2N), MA (SXB,S2N), MD (S3B), ME (S1B), MI (SNRN), MN (SNA), MO (SNA), MS (S2B,S1N), NC (S3B,S3N), ND (SNA), NH (SNA), NJ (S3B,S3N), NM (SNA), NV (SNA), NY (S2), OH (SNA), OK (SNA), OR (SNA), PA (SNA), RI (S2N), SC (SNRB,SNRN), SD (S1B), SD (S1B), TX (S5B), UT (SNA), VA (S2B,S3N), WI (SNA), AB (SNA), LB (SNA), MB (SNA), NB (SNA), NF (SNA), NS (SNA), ON (SNA), QC (SNA), SK (SNA)

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	65,127.2	3	0.9	< 1	0.0	0	0.0	0
Status 2	32,721.0	2	439.9	< 1	0.0	0	0.0	0
Status 3	860.0	< 1	2,158.0	< 1	0.0	0	17,325.1	< 1
Status 4	0.0	0	0.0	0	0.0	0	9.9	< 1
Total	98,708.2	5	2,598.8	< 1	0.0	0	17,335.0	< 1
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	348,521.4	16	1,044.3	< 1	5,605.2	< 1
Status 2	0.0	0	30,334.8	1	38,083.9	2	27.0	< 1
Status 3	0.0	0	130,871.8	6	0.0	0	2.0	< 1
Status 4	0.0	0	1.0	9	0.0	0	0.0	0
Total	0.0	0	509,729.9	24	39,128.1	2	5,634.2	< 1
	Native Am. Reserv.		State Park/Hist. Park		State WMA/Gameland		State Forest	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	30.5	< 1	0.0	0	0.0	0
Status 2	0.0	0	64.5	< 1	363,575.9	17	0.0	0
Status 3	0.0	0	147,984.6	7	5,734.5	< 1	14,653.6	< 1
Status 4	0.0	0	0.0	0	706.1	< 1	0.0	0
Total	0.0	0	148,079.6	7	370,016.6	17	14,653.6	< 1
	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	423.8	< 1	0.0	0	0.0	0
Status 2	24,888.6	1	19,980.7	< 1	0.0	0	396.8	< 1
Status 3	0.0	0	4,494.1	< 1	388.3	< 1	8,842.8	< 1
Status 4	0.0	0	0.0	0	5.1	< 1	0.0	0
Total	24,888.6	1	24,898.6	1	393.4	< 1	9,239.6	< 1
	Private Land - No Res.		Water		Overall Total			
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	8	0.0	0	420,753.4 19			
Status 2	0.8	< 1	0.0	4	510,514.0 24			
Status 3	121.7	< 1	0.0	0	333,436.4 15			
Status 4	855,624.5	40	40,941.8	2	897,995.6 41			
Total	855,747.2	40	40,941.9	2	2,162,699.5 100			

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.

PREDICTED HABITAT MODEL(S):

Year-round Model:

Habitat Description: Common breeder over most of FL but in other states only occurs on the coast. Breeds in estuaries, salt marshes, mangroves swamps, river, deltas, lagoons, and salinas, but also frequently in freshwater areas (i.e. Everglades)(Frederick 1997). Generally breeds on islands or areas of higher ground that support small trees or shrubs, surrounded by open water or inundated wetland vegetation. Colonies usually surrounded by landscapes that include a variety of wetland habitats (Frederick 1997). Forages in shallow water and mudflats, usually in salt water areas such as bays and salt marshes (Hamel 1992). M. Rubino, 16nov04.

Hydrography Mask:

Utilizes flowing water features with buffers of unlimited from and 30m into selected water features.

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

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

Selected Map Units:

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 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
Coastal Dune & Freshwater Wetland	Atlantic and Gulf Coastal Plain Interdunal Wetland
Coastal Dune & Freshwater Wetland	Atlantic Coastal Plain Northern Dune and Maritime Grassland
Coastal Dune & Freshwater Wetland	Atlantic Coastal Plain Southern Dune and Maritime Grassland
Coastal Dune & Freshwater Wetland	East Gulf Coastal Plain Dune and Coastal Grassland
Coastal Dune & Freshwater Wetland	Southwest Florida Dune and Coastal Grassland
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	Floridian Highlands Freshwater Marsh
Wetlands	South Florida Freshwater Slough and Gator Hole
Wetlands	South Florida Pond-Apple/Popash Slough

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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Compiled: 15 September 2011

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