



SOUTHEAST GAP ANALYSIS PROJECT



Species Modeling Report

Roseate Tern

Sterna dougallii

Taxa: Avian

Order: Charadriiformes

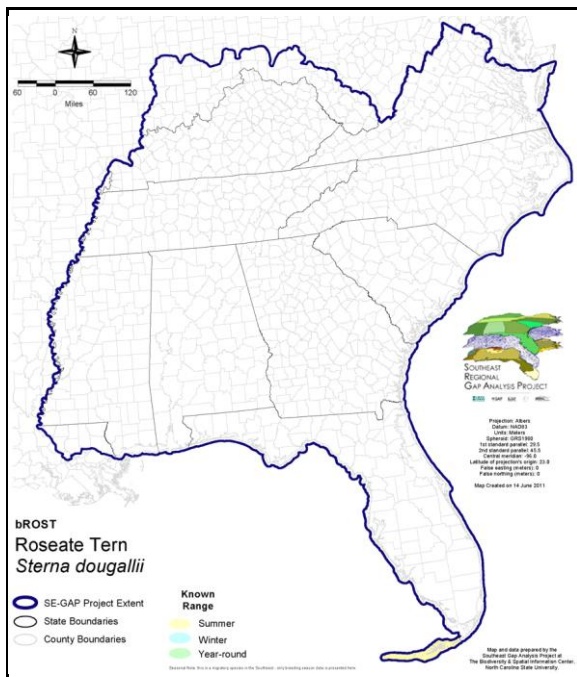
Family: Laridae

SE-GAP Spp Code: **bROST**

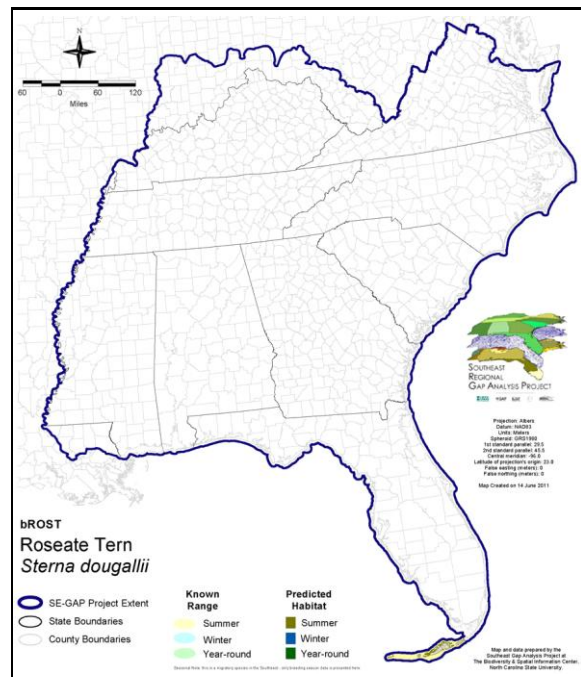
ITIS Species Code: 176891

NatureServe Element Code: ABNNM08060

KNOWN RANGE:



PREDICTED HABITAT:



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

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

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

Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/bROST_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: CT (E), CT (E), FL (FT), MA (E), MD (X), ME (E), NC (E), NC (E), NY (E), RI (State Historical), RI (State Historical), VA (LE), VA (LE), NS (Endangered), QC (Susceptible)

NS Global Rank: G4

NS State Rank: AL (SNA), CT (S1B), CT (S1B), DE (SNA), FL (S1), GA (SNA), IL (SNA), IN (SNA), LA (SNA), MA (S2B,S3N), MD (SHB), ME (S2B), MS (SNA), NC (SUB), NC (SUB), NH (SHB), NJ (S1B,S1N), NY (S1B), PA (SNA), RI (SHB,S1N), RI (SHB,S1N), SC (SNA), TX (SNA), VA (SHB), VA (SHB), WI (SNA), NB (S1B), NS (S1B), PE (SNA), QC (S1B)

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	1,143.7	16	0.0	0	0.0	0	0.0	0
Status 2	0.0	0	0.0	0	0.0	0	0.0	0
Status 3	0.0	0	0.0	0	0.0	0	291.4	4
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	1,143.7	16	0.0	0	0.0	0	291.4	4
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	0.0	0	0.0	0	0.0	0
Status 2	0.0	0	0.0	0	0.0	0	0.0	0
Status 3	0.0	0	0.0	0	0.0	0	0.0	0
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	0.0	0	0.0	0	0.0	0	0.0	0
	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	0.0	0	3.4	< 1	0.0	0
Status 3	0.0	0	126.6	2	0.0	0	0.0	0
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	0.0	0	126.6	2	3.4	< 1	0.0	0
	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	0.0	0	0.0	0	0.0	0	0.0	0
Status 3	0.0	0	0.0	0	0.0	0	0.0	0
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	0.0	0	0.0	0	0.0	0	0.0	0
	Private Land - No Res.		Water		Overall Total			
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	0.0	0	1,143.7	16		
Status 2	0.0	0	0.0	0	3.4	< 1		
Status 3	0.0	0	0.0	0	418.1	6		
Status 4	4,024.5	57	1,436.7	20	5,461.2	78		
Total	4,024.5	57	1,436.7	20	7,026.4	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):

Summer Model:

Habitat Description: Nests on Florida Keys from Marathon Key to Dry Tortugas (Stevenson and Anderson 1994). Nests in relatively open areas, among rocky, grassy, coral rubble, or sand substrate often with no cover nearby. Forages over shallow sandbars, shoals, inlets and along reef margins; also feeds pelagically over schools of predatory fish (Gochfeld 1998). M. Rubino, 30dec04.

Hydrography Mask:

Brackish/Saltwater Only

Utilizes open water features with buffers of unlimited from and 2000m into selected water features.

Selected Map Units:

Functional Group	Map Unit Name
Beach	South Florida Shell Hash Beach
Beach	Unconsolidated Shore (Beach/Dune)
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
Water	Open Water (Brackish/Salt)

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For more information:: SE-GAP Analysis Project / BaSIC
 127 David Clark Labs
 Dept. of Biology, NCSU
 Raleigh, NC 27695-7617
 (919) 513-2853
www.basic.ncsu.edu/segap

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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.