

SOUTHEAST GAP ANALYSIS PROJECT



Species Modeling Report

Spotted Sandpiper

Actitis macularia

Taxa: Avian

Order: Charadriiformes

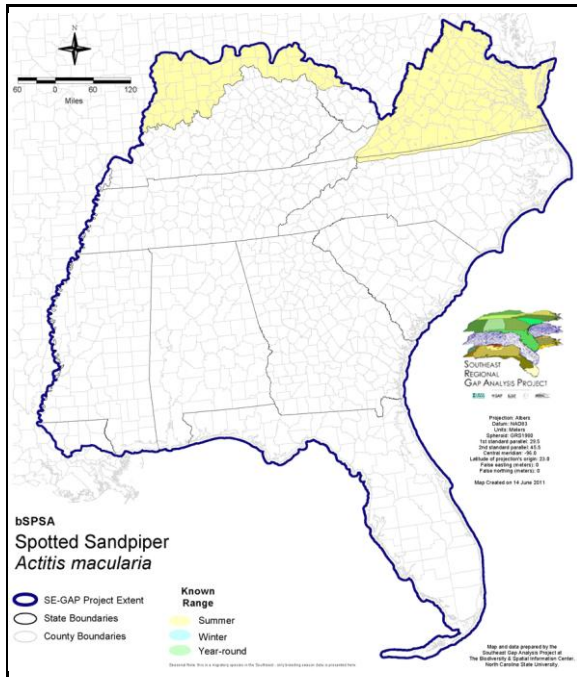
Family: Scolopacidae

SE-GAP Spp Code: **bSPSA**

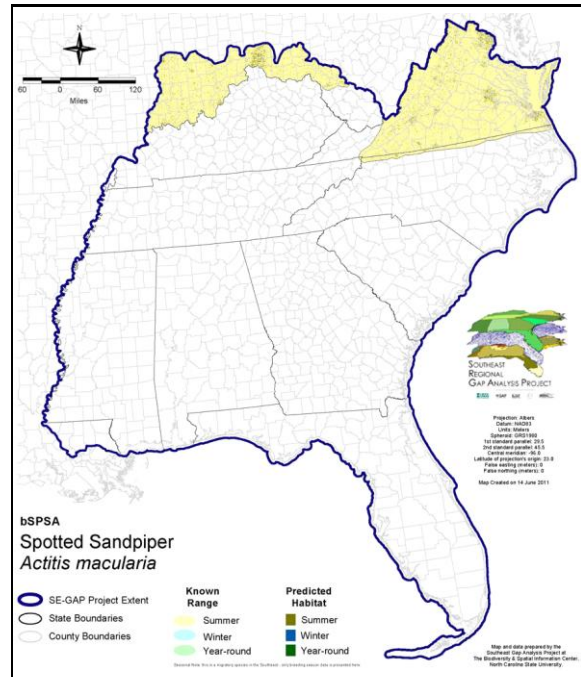
ITIS Species Code: 176612

NatureServe Element Code: ABNNF04020

KNOWN RANGE:



PREDICTED HABITAT:



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

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

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

Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/bSPSA_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: ID (P), ID (P), KY (E), NJ (SC/RP), NV (YES), NY (PB), RI (Not Listed), UT (None), BC (4 (2005)), QC (Non suivie)

NS Global Rank: G5

NS State Rank: AK (S5B), AL (SNA), AR (SNA), AZ (S3S4), CA (SNRB,SNRN), CO (S5), CT (S5B), CT (S5B), DC (S4N), DE (S1), FL (SNRN), GA (S4), IA (S3B,S4N), ID (S5B), ID (S5B), IL (S3S4), IN (S4B), KS (S2B), KY (S1B), LA (S4N), MA (S4B,S5N), MD (S3S4B), ME (S5B), MI (S5), MN (SNRB), MO (SNRB), MS (SNA), MT (S5B), MT (S5B), NC (SNA), NC (SNA), ND (SNRB), NE (S5), NH (S5B), NJ (S3B,S4N), NM (S4B,S5N), NV (S4B), NY (S5), OH (S5), OK (S1S3), OR (S4), PA (S4B), RI (S4B,S4N), SC (S4), SD (S4B), SD (S4B), TN (S2B), TX (S3B,S5N), UT (S4B), VA (S2B), VA (S2B), VT (S5B,S5N), WA (S3N,S4B), WI (S4B), WI (S4B), WV (S3B), WY (S5B,S5N), AB (S5), BC (S5B), LB (S5B), MB (S5B), MB (S5B), NB (S5B,S5M), NB (S5B,S5M), NF (S5B), NS (S5B), NT (SNRB), NU (SNRB), ON (S5), PE (S5B), QC (S5B), SK (S5B,S5M), YT (S5B)

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	2,981.4	< 1	3.5	< 1	0.0	0	0.0	0
Status 2	6,394.9	1	785.3	< 1	0.0	0	95.5	< 1
Status 3	66.9	< 1	5,500.7	1	0.0	0	7,317.0	2
Status 4	1.8	< 1	0.0	0	0.0	0	147.5	< 1
Total	9,445.0	2	6,289.6	1	0.0	0	7,560.0	2
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	916.5	< 1	0.0	0	0.0	0
Status 2	0.0	0	0.0	0	479.0	< 1	0.0	0
Status 3	0.0	0	2,945.6	< 1	0.0	0	0.0	0
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	0.0	0	3,862.1	< 1	479.0	< 1	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	17.5	< 1	5,361.0	1	0.3	< 1
Status 3	0.0	0	757.7	< 1	464.8	< 1	150.0	< 1
Status 4	0.0	0	0.0	0	67.9	< 1	0.0	0
Total	0.0	0	775.2	< 1	5,893.7	1	150.3	< 1
	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	7,719.0	2	2,951.6	< 1	0.0	0	0.0	0
Status 3	0.0	0	0.0	0	0.0	0	52.8	< 1
Status 4	0.0	0	0.0	0	37.4	< 1	0.0	0
Total	7,719.0	2	2,951.6	< 1	37.4	< 1	52.8	< 1
	Private Land - No Res.		Water		Overall Total			
	ha	%	ha	%	ha	%		
Status 1	0.0	0	0.0	0	3,901.4	< 1		
Status 2	0.0	0	0.0	0	23,804.0	5		
Status 3	0.0	0	0.0	0	17,255.5	5		
Status 4	428,671.4	89	140.0	< 1	429,132.2	89		
Total	428,671.4	89	140.0	< 1	474,093.1	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 in open and semi-open, herbaceous habitats typically along lake, stream, river, marsh, reservoir etc... shorelines. Needs patches of dense vegetation for brood coverage. Forages in open habitat along the ground, ranging from shoreline to dense forest, typically with 200m of shoreline, preferring sandy or firm substrate. M. Rubino, 29dec04.

NOTE: 47th supplement to the AOU checklist has this species as *Actitis macularius*.

Hydrography Mask:

Utilizes flowing water features with buffer of 250m from selected water features.

Utilizes open water features with buffer of 250m from selected water features.

Selected Map Units:

Functional Group	Map Unit Name
Anthropogenic	Developed Open Space
Anthropogenic	Low Intensity Developed
Beach	Unconsolidated Shore (Beach/Dune)
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Northern Tidal Salt Marsh
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Northern Tidal Wooded Swamp
Coastal Dune & Freshwater Wetland	Atlantic and Gulf Coastal Plain Interdunal Wetland
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
Wetlands	Atlantic Coastal Plain Depression Pondshore
Wetlands	Atlantic Coastal Plain Large Natural Lakeshore
Wetlands	Atlantic Coastal Plain Northern Pondshore
Wetlands	Central Appalachian Floodplain - Herbaceous Modifier
Wetlands	Central Appalachian Riparian - Herbaceous Modifier
Wetlands	Southern Piedmont Large Floodplain Forest - Herbaceous Modifier
Wetlands	Unconsolidated Shore (Lake/River/Pond)

CITATIONS: Alberico, J. A. R., J. M. Reed, and L. W. Oring. 1991. Nesting near a common tern colony increases and decreases spotted sandpiper nest predation. *Auk* 108:904-910.

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This data was compiled and/or developed
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