



# SOUTHEAST GAP ANALYSIS PROJECT



## Species Modeling Report

### Black-necked Stilt

*Himantopus mexicanus*

Taxa: Avian

Order: Charadriiformes

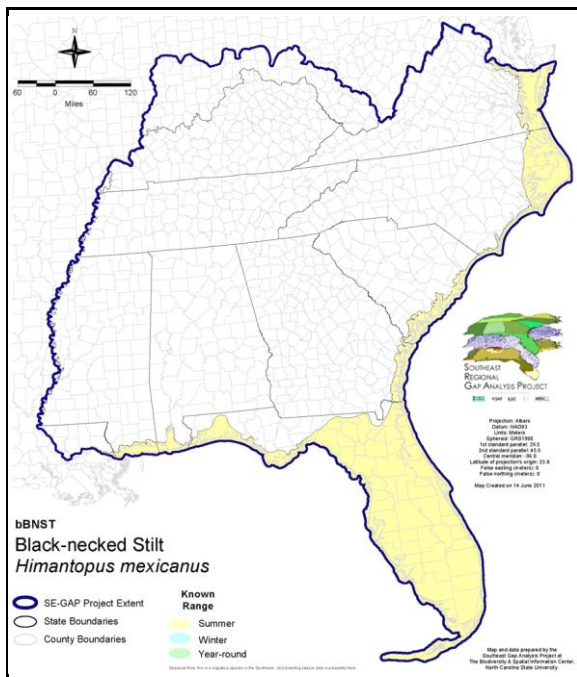
Family: Recurvirostridae

SE-GAP Spp Code: **bBNST**

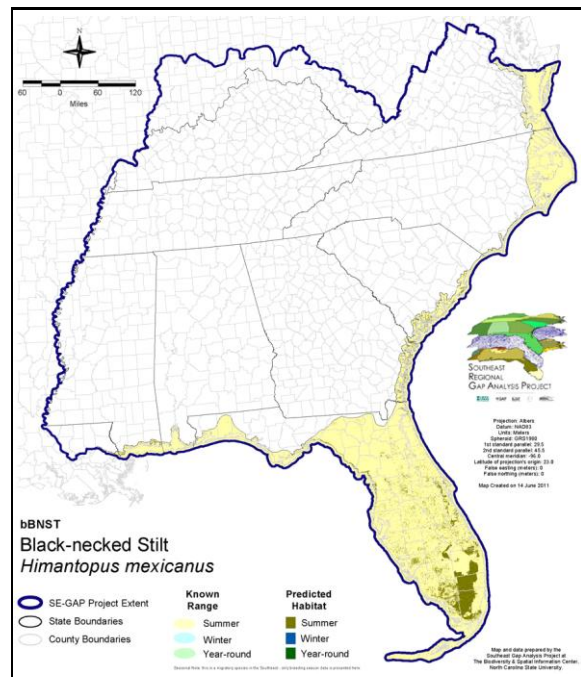
ITIS Species Code: 176726

NatureServe Element Code: ABNND01010

#### KNOWN RANGE:



#### PREDICTED HABITAT:



Range Map Link: [http://www.basic.ncsu.edu/segap/datazip/maps/SE\\_Range\\_bBNST.pdf](http://www.basic.ncsu.edu/segap/datazip/maps/SE_Range_bBNST.pdf)

Predicted Habitat Map Link: [http://www.basic.ncsu.edu/segap/datazip/maps/SE\\_Dist\\_bBNST.pdf](http://www.basic.ncsu.edu/segap/datazip/maps/SE_Dist_bBNST.pdf)

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

Data Download: [http://www.basic.ncsu.edu/segap/datazip/region/vert/bBNST\\_se00.zip](http://www.basic.ncsu.edu/segap/datazip/region/vert/bBNST_se00.zip)

#### PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: ID (P), ID (P), KY (N), NC (SR), NV (YES), NY (PB), UT (None), WA (M), WA (M), BC (2 (2005)), BC (2 (2005)), QC (Non suivie)

NS Global Rank: G5

NS State Rank: AL (S3B), AR (SNRN), AZ (S2), CA (SNRB), CO (S3B), CO (S3B), DE (S2B), FL (SNRB), GA (S3), HI (S2), ID (S3B), ID (S3B), IL (S1), IN (SNA), KS (S1B), KY (SNA), LA (S3N,S5B), MD (SNA), ME (SNA), MI (SNA), MO (SNRB), MS (S3B), MS (S3B), MT (S3S4B), NC (S2B), ND (SNA), NE (S1), NM (S4B,S4N), NV (S3S4B), NY (SNA), OR (S4), PA (SNA), SD (S1B), SD (S1B), TX (S5B), UT (S2S3B), VA (S1B), WA (S3B), WA (S3B), WI (SNA), WV (SNA), WY (S3B), WY (S3B), AB (S2), BC (SNRN), BC (SNRN), MB (SNA), NB (SNA), NF (SNA), NS (SNA), ON (SNA), PE (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	47,125.4	2	0.9	< 1	0.0	0	0.0	0
Status 2	25,986.3	1	428.0	< 1	0.0	0	0.0	0
Status 3	619.5	< 1	2,036.0	< 1	0.0	0	17,071.2	< 1
Status 4	0.0	0	0.0	0	0.0	0	4.6	< 1
Total	73,731.2	4	2,464.8	< 1	0.0	0	17,075.8	< 1
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	188,183.4	10	779.6	< 1	5,526.1	< 1
Status 2	0.0	0	23,435.8	1	23,993.6	1	3.3	< 1
Status 3	0.0	0	126,444.8	7	0.0	0	0.0	0
Status 4	0.0	0	2.0	0	0.0	0	0.0	0
Total	0.0	0	338,066.5	18	24,773.1	1	5,529.4	< 1
	Native Am. Reserv.		State Park/Hist. Park		State WMA/Gameland		State Forest	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	1.6	< 1	0.0	0	0.0	0
Status 2	0.0	0	62.9	< 1	383,853.9	20	0.0	0
Status 3	0.0	0	134,803.5	7	3,902.6	< 1	16,316.6	< 1
Status 4	0.0	0	0.0	0	610.0	< 1	0.0	0
Total	0.0	0	134,868.1	7	388,366.5	20	16,316.6	< 1
	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	343.3	< 1	0.0	0	0.0	0
Status 2	21,441.0	1	16,462.6	< 1	0.0	0	425.3	< 1
Status 3	0.0	0	4,478.8	< 1	1,187.4	< 1	12,378.2	< 1
Status 4	0.0	0	0.0	0	3.9	< 1	0.0	0
Total	21,441.0	1	21,284.6	1	1,191.2	< 1	12,803.4	< 1
	Private Land - No Res.		Water		Overall Total			
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	9	0.0	0	241,960.5 13			
Status 2	0.8	< 1	0.0	9	496,093.6 26			
Status 3	95.8	< 1	0.0	0	319,334.1 17			
Status 4	824,305.1	43	28,178.2	1	853,714.3 45			
Total	824,401.9	43	28,178.4	1	1,911,102.5 100			

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):

### Summer Model:

Habitat Description: Nests on short, emergent vegetation along margins of salt ponds and shallow inland wetlands with cattails, bulrush and sedges. Forages while wading in shallow water along pond margins, mudflats, impoundments (Robinson et al. 1999). M. Rubino, 29dec04.

### Hydrography Mask:

Utilizes open water features with buffers of 250m from and 60m into selected water features.

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

### Selected Map Units:

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 Tidal Salt Marsh
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
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
Freshwater Tidal Marsh & Wetland	Florida Big Bend Fresh-Oligohaline Tidal Marsh
Water	Open Water (Brackish/Salt)
Water	Open Water (Fresh)
Wetlands	Atlantic Coastal Plain Depression Pondshore
Wetlands	Atlantic Coastal Plain Large Natural Lakeshore
Wetlands	Central Florida Herbaceous Pondshore
Wetlands	Central Florida Herbaceous Seep
Wetlands	East Gulf Coastal Plain Southern Depression Pondshore
Wetlands	Floridian Highlands Freshwater Marsh
Wetlands	South Florida Freshwater Slough and Gator Hole
Wetlands	Southern Coastal Plain Herbaceous Seepage Bog
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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This data was compiled and/or developed  
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