



# SOUTHEAST GAP ANALYSIS PROJECT



## Species Modeling Report

### American Oystercatcher

*Haematopus palliatus*

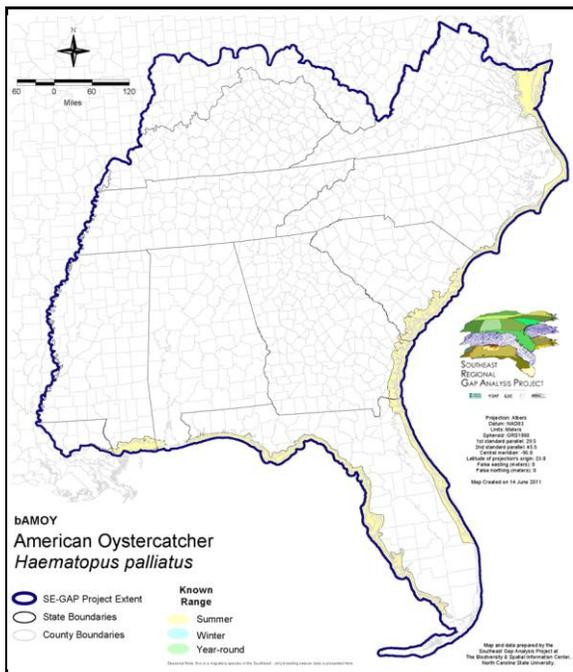
Taxa: Avian  
 Order: Charadriiformes  
 Family: Haematopodidae

SE-GAP Spp Code: **bAMOY**

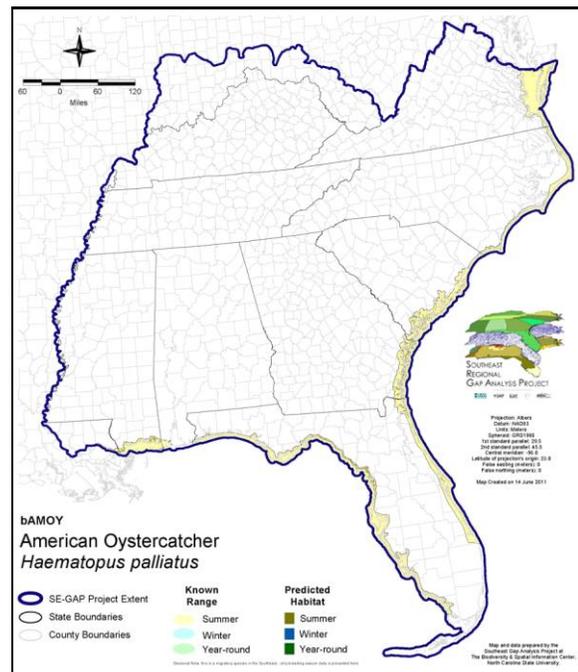
ITIS Species Code: 176472

NatureServe Element Code: ABNNC01010

#### KNOWN RANGE:



#### PREDICTED HABITAT:



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

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

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

Data Download: [http://www.basic.ncsu.edu/segap/datazip/region/vert/bAMOY\\_se00.zip](http://www.basic.ncsu.edu/segap/datazip/region/vert/bAMOY_se00.zip)

#### PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: AL (SP), CT (T), CT (T), DE (E), FL (SSC), GA (R), ID (P), MA (-WL), ME (SC), NC (SC), NJ (SC), NY (PB), RI (Concern), QC (Non suivie)

NS Global Rank: G5

NS State Rank: AL (S1), CT (S1B), CT (S1B), DE (S1B), FL (S2), GA (S2), ID (SNA), LA (S1), MA (S2B), MD (S3B), ME (S1B), MS (S1), MS (S1), NC (S3B,S4N), NJ (S3B,S3N), NM (SNA), NY (S3), PA (SNA), RI (S2B,S2N), SC (SNR), TX (S3B), VA (S3B,S3N), NB (SNA), NS (SNA), ON (SNA), PE (SNA), QC (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	35,555.9	7	0.0	0	0.0	0	0.0	0
Status 2	17,381.6	3	61.4	< 1	0.0	0	0.0	0
Status 3	118.9	< 1	348.9	< 1	0.0	0	8,310.5	2
Status 4	0.0	0	0.0	0	0.0	0	1.4	< 1
Total	53,056.4	10	410.3	< 1	0.0	0	8,311.9	2
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	3,567.3	< 1	716.6	< 1	3,643.8	< 1
Status 2	0.0	0	32,818.3	6	23,167.0	4	0.0	0
Status 3	0.0	0	1,523.1	< 1	0.0	0	0.0	0
Status 4	0.0	0	1.0	0	0.0	0	0.0	0
Total	0.0	0	37,910.7	7	23,883.6	4	3,643.8	< 1
	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	46.1	< 1	38,511.5	7	0.0	0
Status 3	0.0	0	24,040.4	4	628.0	< 1	1,303.1	< 1
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	0.0	0	24,086.4	4	39,139.5	7	1,303.1	< 1
	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	401.4	< 1	0.0	0	0.0	0
Status 2	23,312.8	4	16,964.6	3	0.0	0	0.0	0
Status 3	0.0	0	661.2	< 1	0.0	0	263.4	< 1
Status 4	0.0	0	0.0	0	4.4	< 1	0.0	0
Total	23,312.8	4	18,027.3	3	4.4	< 1	263.4	< 1
	Private Land - No Res.		Water		Overall Total			
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	3	0.0	0	43,885.2 8			
Status 2	0.8	< 1	0.0	< 1	152,264.2 28			
Status 3	118.4	< 1	0.0	0	37,316.0 7			
Status 4	301,531.6	56	7,666.0	1	309,205.4 57			
Total	301,651.0	56	7,666.1	1	542,670.7 100			

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: Breeds in coastal areas on sand or shell beaches, dunes, salt marshes. Nests on marsh islands surrounded by intertidal *Spartina* marsh or mud flat with sand substrate. On upland dunes, nests well above mean high water. On beaches or dredge spoil, nests on flat, open sand areas with little or no vegetation. Foraging habitat is restricted to intertidal sand or mud flats, oyster or mussel reefs or shoals. Distribution believed to be limited by availability of intertidal areas supporting shellfish beds. Increased human encroachment causing displacement of former nesting habitats (Nol and Humphrey 1994). M. Rubino, 29dec04.

### Hydrography Mask:

Brackish/Saltwater Only

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
Beach	Atlantic Coastal Plain Northern Sandy Beach
Beach	Atlantic Coastal Plain Sea Island Beach
Beach	Atlantic Coastal Plain Southern Beach
Beach	Florida Panhandle Beach Vegetation
Beach	South Florida Shell Hash Beach
Beach	Southeast Florida Beach
Beach	Southwest Florida Beach
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
Brackish Tidal Marsh & Wetland	Southwest Florida Perched Barriers Salt Swamp and Lagoon - Marsh Modifier
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
Water	Open Water (Brackish/Salt)

**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 by the Southeast GAP Analysis Project at The Biodiversity and Spatial Information Center, North Carolina State University.