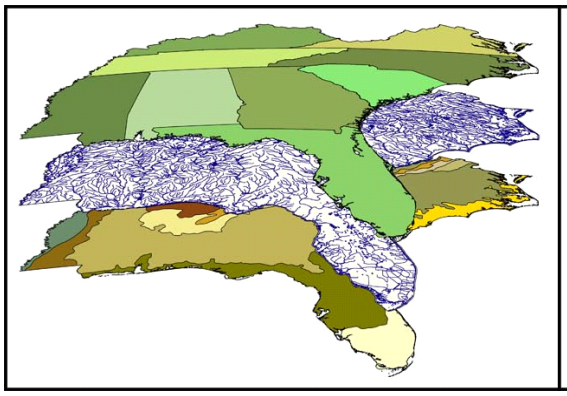


SOUTHEAST GAP ANALYSIS PROJECT

Species Modeling Report

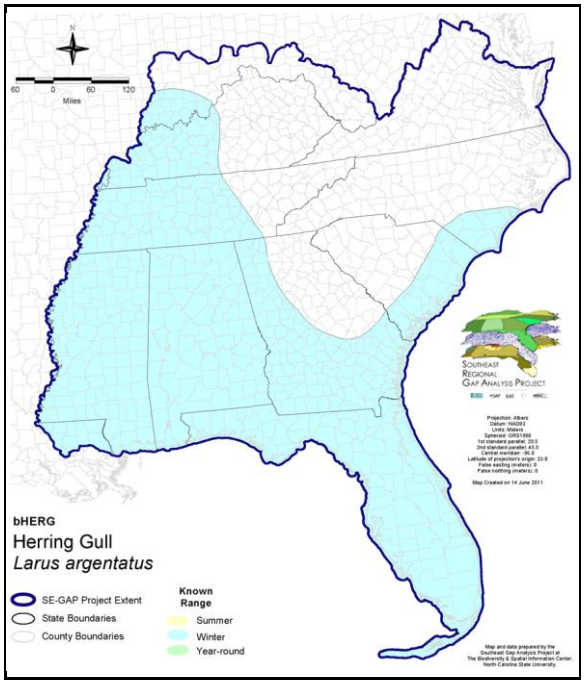
Herring Gull

Larus argentatus

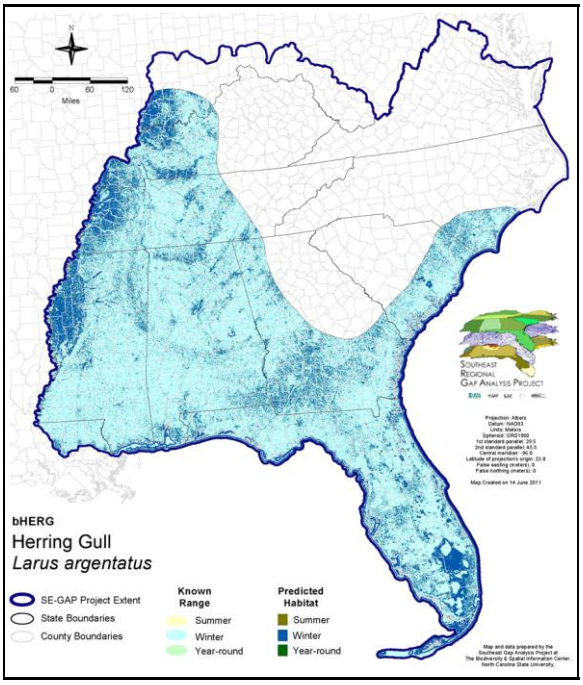
Taxa: Avian
Order: Charadriiformes
Family: Laridae

SE-GAP Spp Code: **bHERG**
ITIS Species Code: 176824
NatureServe Element Code: ABNNM03120

KNOWN RANGE:



PREDICTED HABITAT:



Range Map Link: http://www.basic.ncsu.edu/segap/datazip/maps/SE_Range_bHERG.pdf
Predicted Habitat Map Link: http://www.basic.ncsu.edu/segap/datazip/maps/SE_Dist_bHERG.pdf
GAP Online Tool Link: http://www.gapserve.ncsu.edu/segap/segap/index2.php?species=bHERG
Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/bHERG_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

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

NS Global Rank: G5

NS State Rank: AK (S5B,S5N), AL (S5N), AL (S5N), AR (S3N), AZ (S2N), CA (SNRN), CO (S4N), CT (S5), DC (S4N), DE (S3B,S5N), FL (SNRN), GA (S5), IA (S5N), ID (S2N), IL (S2), IN (SNA), KS (S3N), KY (S4N), LA (S4N), MA (S3S4B,S5N), MD (S5B,S5N), ME (S5B,S5N), MI (S5), MN (SNRB,SNRN), MO (SNRN), MS (S4N), MT (SNA), MT (SNA), NC (S4B,S5N), ND (SNRN), NE (SNRN), NH (S5), NJ (S5B,S5N), NM (S4N), NV (S5N), NY (S5), OH (S3), OK (S4N), OR (SNA), PA (S5N), RI (S3B), SC (SNRN), SD (S3N), TN (S4N), TX (S5), UT (S3N), VA (S4), VT (S4B,S5N), WA (S4N), WI (S4B), WI (S4B), WV (S4N), WY (SNA), AB (S2S3), BC (S4S5B), LB (S5B), MB (S5B), MB (S5B), NB (S5B,S5N), NF (S5B), NS (S4), NT (SNRB), NU (SNRB), ON (S5B,S5N), PE (S5B,S5N), 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	38,037.2	< 1	46.0	< 1	0.0	0	0.0	0
Status 2	40,342.0	< 1	2,003.0	< 1	0.0	0	91.6	< 1
Status 3	245.4	< 1	34,103.5	< 1	5,108.3	< 1	88,426.7	< 1
Status 4	8.8	< 1	0.0	0	0.0	0	0.0	0
Total	78,633.5	< 1	36,152.6	< 1	5,108.3	< 1	88,518.3	< 1

	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	127,037.5	< 1	695.0	< 1	5,135.3	< 1
Status 2	0.0	0	22,375.1	< 1	28,398.7	< 1	26.3	< 1
Status 3	0.0	0	84,838.8	< 1	0.0	0	1,313.8	< 1
Status 4	0.0	0	3.0	0	0.0	0	0.0	0
Total	0.0	0	234,254.4	2	29,093.7	< 1	6,475.4	< 1

	Native Am. Reserv.		State Park/Hist. Park		State WMA/Gameland		State Forest	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	27.2	< 1	4.1	< 1	0.0	0
Status 2	0.0	0	229.2	< 1	264,424.8	2	0.0	0
Status 3	745.7	< 1	114,808.4	< 1	9,228.8	< 1	24,014.3	< 1
Status 4	0.0	0	0.0	0	4,004.6	< 1	0.8	< 1
Total	745.7	< 1	115,064.8	< 1	277,662.2	2	24,015.1	< 1

	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	611.1	< 1	0.0	0	0.0	0
Status 2	15,270.0	< 1	16,199.8	< 1	< 0.1	< 1	228.0	< 1
Status 3	0.0	0	1,927.8	< 1	4,742.6	< 1	13,147.4	< 1
Status 4	0.0	0	0.0	0	102.1	< 1	0.0	0
Total	15,270.0	< 1	18,738.7	< 1	4,844.8	< 1	13,375.4	< 1

	Private Land - No Res.		Water		Overall Total	
	ha	%	ha	%	ha	%
Status 1	0.0	< 1	0.0	0	171,593.6	1
Status 2	0.8	< 1	0.0	< 1	389,589.6	3
Status 3	212.6	< 1	< 0.1	< 1	382,864.2	3
Status 4	12,385,825.7	92	43,286.1	< 1	12,437,226.8	93
Total	12,386,039.2	92	43,286.4	< 1	13,381,274.2	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):

Winter Model:

Habitat Description: "Outside the breeding season, nearly all individuals are associated with foraging habitats which include open water, intertidal areas on sandy beaches and mudflats, refuse dumps, ploughed fields, picnic areas etc…."(Pierotti and Good 1994). M. Rubino, 29dec04.

Hydrography Mask:

Utilizes flowing water features with buffers of unlimited from and 4000m into selected water features.

Utilizes open water features with buffers of unlimited from and 4000m into selected water features.

Selected Map Units:

Functional Group	Map Unit Name
Anthropogenic	Developed Open Space
Anthropogenic	Low Intensity Developed
Anthropogenic	Row Crop
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 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 (Aquaculture)
Water	Open Water (Brackish/Salt)
Water	Open Water (Fresh)
Wetlands	Unconsolidated Shore (Lake/River/Pond)

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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

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.