



SOUTHEAST GAP ANALYSIS PROJECT



Species Modeling Report

Killdeer

Charadrius vociferus

Taxa: Avian

Order: Charadriiformes

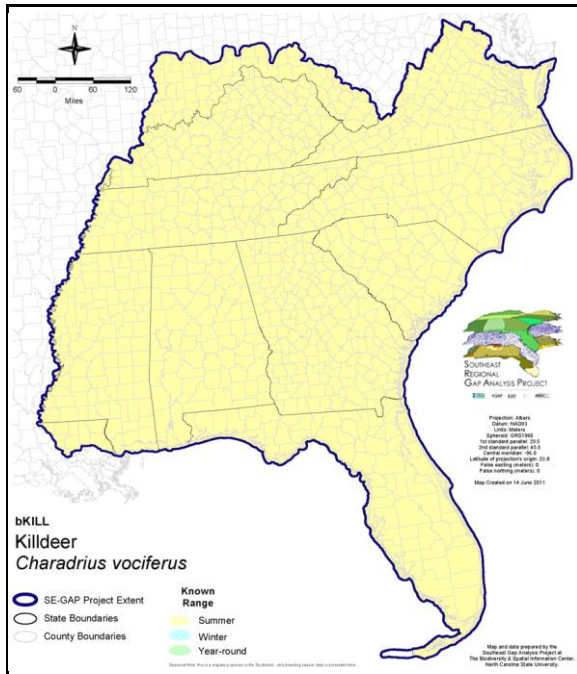
Family: Charadriidae

SE-GAP Spp Code: **bKILL**

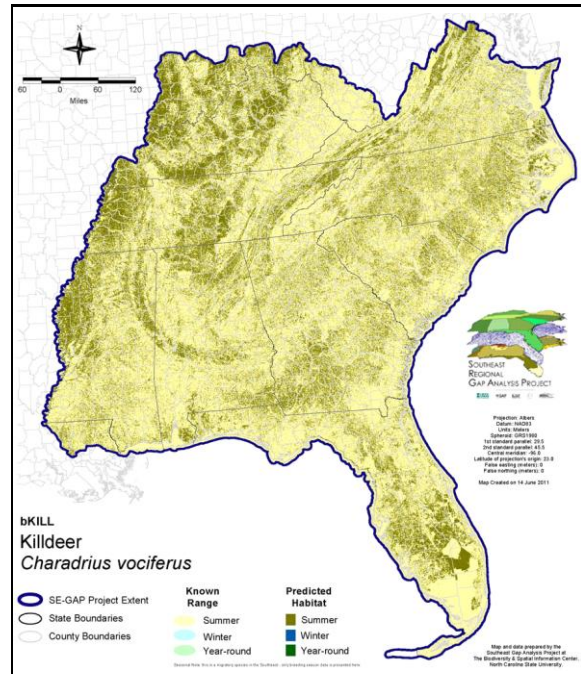
ITIS Species Code: 176520

NatureServe Element Code: ABNNB03090

KNOWN RANGE:



PREDICTED HABITAT:



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

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

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

Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/bKILL_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 (S3S4B), AL (S5), AR (S4), AZ (S5), CA (SNR), CO (S5), CT (S4B), DC (S2B,S4N), DE (S5B), FL (SNR), GA (S5), IA (S5B,S5N), ID (S5B,S3N), IL (S5), IN (S4), KS (S5B), KY (S4S5B,S4N), LA (S5), MA (S5B,S5N), MD (S5B,S4N), ME (S3N,S5B), MI (S5), MN (SNRB), MO (SNRB,SNRN), MS (S5B), MT (S5B), NC (S5B,S5N), ND (SNRB), NE (S5), NH (S5B), NJ (S4B), NM (S4B,S5N), NV (S5), NY (S5), OH (S5), OK (S5), OR (S5), PA (S5B,S5N), RI (S4B), SC (SNR), SD (S5B), TN (S5B), TX (S5B), UT (S5B,S4N), VA (S5), VT (S5B,S5N), WA (S4S5B,S4S5N), WI (S5B), WV (S5B,S4N), WY (S5B,S5N), AB (S5), BC (S4B), LB (S1B), MB (S5B), NB (S4B), NF (S2B), NS (S5B), NT (SNRB), NU (SNRB), ON (S5B,S5N), PE (S5B), QC (S5B), SK (S5B), YT (S4B)

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	53,297.3	< 1	211.7	< 1	0.0	0	0.0	0
Status 2	61,244.8	< 1	5,555.1	< 1	0.0	0	435.8	< 1
Status 3	1,024.0	< 1	85,103.6	< 1	19,149.5	< 1	166,971.9	< 1
Status 4	20.8	< 1	0.0	0	0.0	0	92.9	< 1
Total	115,586.9	< 1	90,870.3	< 1	19,149.5	< 1	167,500.5	< 1
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	6,267.4	< 1	1,034.6	< 1	4,928.9	< 1
Status 2	0.0	0	35,637.2	< 1	29,098.0	< 1	16.9	< 1
Status 3	3,067.8	< 1	28,146.3	< 1	0.0	0	1,683.6	< 1
Status 4	0.0	0	3.0	< 1	0.0	0	0.0	0
Total	3,067.8	< 1	70,054.1	< 1	30,132.6	< 1	6,629.5	< 1
	Native Am. Reserv.		State Park/Hist. Park		State WMA/Gameland		State Forest	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	49.6	< 1	6.2	< 1	0.0	0
Status 2	0.0	0	748.5	< 1	130,854.5	< 1	30.7	< 1
Status 3	3,102.0	< 1	175,142.5	< 1	25,048.5	< 1	33,838.2	< 1
Status 4	0.0	0	0.0	0	6,784.8	< 1	0.9	< 1
Total	3,102.0	< 1	175,940.6	< 1	162,694.1	< 1	33,869.8	< 1
	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	899.9	< 1	0.0	0	0.0	0
Status 2	26,070.1	< 1	23,493.5	< 1	1.6	< 1	614.7	< 1
Status 3	0.0	0	3,652.3	< 1	6,038.4	< 1	47,857.1	< 1
Status 4	0.0	0	0.0	0	1,781.8	< 1	< 0.1	< 1
Total	26,070.1	< 1	28,045.7	< 1	7,821.8	< 1	48,471.8	< 1
	Private Land - No Res.		Water		Overall Total			
	ha	%	ha	%	ha	%		
Status 1	0.0	5	0.0	0	66,695.9	< 1		
Status 2	0.8	< 1	0.0	5	313,802.5	1		
Status 3	214.7	< 1	< 0.1	< 1	600,040.5	2		
Status 4	29,738,164.5	96	41,850.2	< 1	29,795,463.2	97		
Total	29,738,380.2	96	41,850.5	< 1	30,776,002.0	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: Frequents open areas, especially sandbars, mudflats, pastures, ag fields, athletic fields, airports, golf courses etc... usually in association with water. M. Rubino, 29dec04.

Selected Map Units:

Functional Group	Map Unit Name
Anthropogenic	Bare Sand
Anthropogenic	Bare Soil
Anthropogenic	Developed Open Space
Anthropogenic	Pasture/Hay
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
Coastal Dune & Freshwater Wetland	Atlantic and Gulf Coastal Plain Interdunal Wetland
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
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
Prairie	East Gulf Coastal Plain Jackson Plain Prairie and Barrens
Prairie	Eastern Highland Rim Prairie and Barrens
Prairie	Eastern Highland Rim Prairie and Barrens - Dry Modifier
Prairie	Florida Dry Prairie
Prairie	Panhandle Florida Limestone Glade
Prairie	Pennyroyal Karst Plain Prairie and Barrens
Prairie	Southern Ridge and Valley Patch Prairie
Prairie	Western Highland Rim Prairie and Barrens
Wetlands	Atlantic Coastal Plain Xeric River Dune
Wetlands	Cumberland Riverscour
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.

Bent, A.C. 1929. Life histories of North American shore birds. Part II. U.S. National Museum Bulletin No. 146. Washington, D.C.

Ehrlich, P.R., D.S. Dobkin, and D. Wheye. 1988. The birder's handbook: a field guide to the natural history of North American birds. Simon and Shuster, Inc., New York. xxx + 785 pp.

Fussell, J. III and M. Lyons. 1990. Birds of the Outer Banks [pamphlet]. Eastern National Parks and Monument Association Coastal Wildlife Refuge Society.

- Fussell, J.O. III. 1994. A birder's guide to coastal North Carolina. Chapel Hill and London: The University of North Carolina Press.
- Harrison, H.H. 1975. A field guide to bird's nests in the U.S. east of the Mississippi River. Houghton Mifflin Company, Boston, Massachusetts. 257 p.
- Harrison, H.H. 1979. A field guide to western birds' nests. Houghton Mifflin Company, Boston. 279 pp.
- Hayman, P., J. Marchant and T. Prater. 1986. Shorebirds. An identification guide to the waders of the world. Boston: Houghton Mifflin Company.
- Johnsgard, P. A. 1981. The plovers, sandpipers, and snipes of the world. University of Nebraska Press, Lincoln, Nebraska. 493p.
- Kaufman K. 1996. Lives of North American Birds. Boston, New York: Houghton Mifflin Company.
- Nol, E. and R.J. Brooks. 1982. Effects of predator exclosures on nesting success of killdeer. *J. Field Ornithology.*, 53:263-268.
- Potter, E. F., J. F. Parnell, and R. P. Teulings. 1980. Birds of the Carolinas. Univ. North Carolina Press, Chapel Hill. 408 pp.
- Raffaele, H.A. 1983. A guide to the birds of Puerto Rico and the Virgin Islands. Fondo Educativo Interamericano, San Juan, Puerto Rico. 255 pp.
- Simpson MB Jr. 1992. Birds of the Blue Ridge Mountains. Chapel Hill and London: University of North Carolina Press.
- Stiles, F.G., and A.F. Skutch. 1989. A guide to the birds of Costa Rica. Comstock Publ. Associates, Cornell University Press, Ithaca, New York. 511 pp.
- Terres, J.K. 1980. The Audubon Society encyclopedia of North American birds. Alfred A. Knopf, New York.

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This data was compiled and/or developed
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Center, North Carolina State University.