



SOUTHEAST GAP ANALYSIS PROJECT



Species Modeling Report

Wild Turkey

Meleagris gallopavo

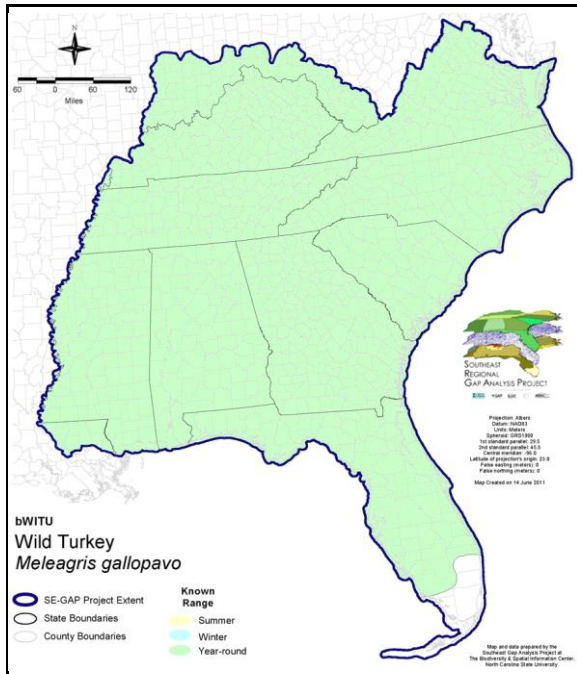
Taxa: Avian
 Order: Galliformes
 Family: Phasianidae

SE-GAP Spp Code: **bWITU**

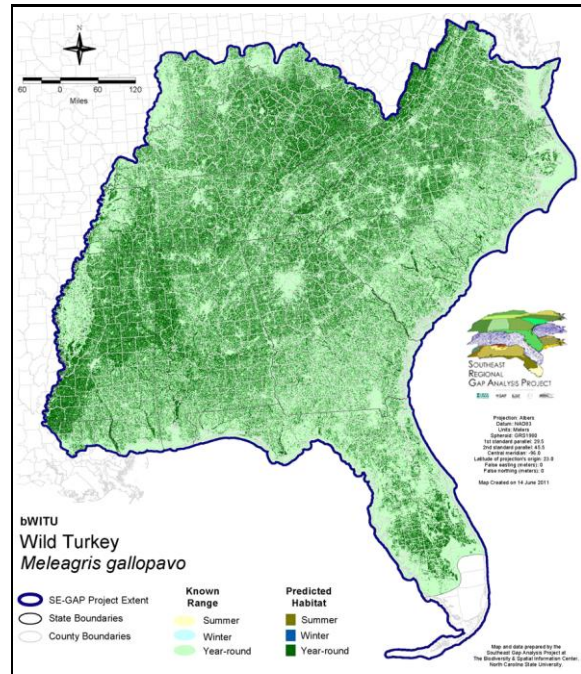
ITIS Species Code: 176136

NatureServe Element Code: ABNLC14010

KNOWN RANGE:



PREDICTED HABITAT:



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

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

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

Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/bWITU_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: AL (GB), ID (G), KY (N), NV (YES), NY (PB - GS), RI (Not Listed), UT (None), BC (7 (2005)), QC (Non suivie)

NS Global Rank: G5

NS State Rank: AL (S5), AR (S4), AZ (S5), CA (SNA), CO (S5), CT (S5), DE (S4), FL (SNR), GA (S5), HI (SNA), IA (S5B), ID (SNA), IL (S5), IN (S4), KS (S5), KY (S4), LA (S4), MA (S5), MD (S4), ME (S5), MI (S5), MN (SNA), MO (SNR), MS (S5), MT (SNA), NC (S5), ND (SNR), NE (S4), NH (S4), NJ (S5), NM (S5B,S5N), NV (SNA), NY (S5), OH (S5), OK (S3B), OR (SNA), PA (S5), RI (SNA), SC (SNR), SD (S5), TN (S5), TX (S5B), UT (SNA), VA (S5), VT (S5B), WA (SNA), WI (S4B), WI (S4B), WV (S5B,S5N), WY (SNA), AB (SNA), BC (SNA), MB (SNA), ON (S5), QC (S4B), 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	66,921.8	< 1	29,216.9	< 1	0.0	0	0.0	0
Status 2	130,583.8	< 1	285,350.2	< 1	0.0	0	4,318.8	< 1
Status 3	2,143.9	< 1	1,584,440.5	3	40,277.6	< 1	249,356.3	< 1
Status 4	48.4	< 1	0.0	0	0.0	0	2.3	< 1
Total	199,697.9	< 1	1,899,007.6	4	40,277.6	< 1	253,677.4	< 1
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	188,396.3	< 1	21.9	< 1	1,185.2	< 1
Status 2	0.0	0	9,698.2	< 1	4,576.6	< 1	7.4	< 1
Status 3	23,978.9	< 1	75,553.8	< 1	0.0	0	2,176.3	< 1
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	23,978.9	< 1	273,648.3	< 1	4,598.5	< 1	3,368.9	< 1
	Native Am. Reserv.		State Park/Hist. Park		State WMA/Gameland		State Forest	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	984.3	< 1	31.9	< 1	0.0	0
Status 2	0.0	0	12,973.2	< 1	493,866.8	1	1,175.3	< 1
Status 3	16,725.9	< 1	311,886.8	< 1	158,933.2	< 1	104,204.7	< 1
Status 4	0.0	0	0.0	0	65,496.1	< 1	12.9	< 1
Total	16,725.9	< 1	325,844.4	< 1	718,327.9	2	105,392.9	< 1
	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	10,455.3	< 1	0.0	0	0.0	0
Status 2	7,184.3	< 1	65,426.9	< 1	3.3	< 1	2,094.8	< 1
Status 3	0.0	0	10,418.9	< 1	11,554.0	< 1	79,977.3	< 1
Status 4	0.0	0	1.4	< 1	2,860.8	< 1	< 0.1	< 1
Total	7,184.3	< 1	86,302.5	< 1	14,418.2	< 1	82,072.3	< 1
	Private Land - No Res.		Water		Overall Total			
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	0.0	0			297,213.6	< 1
Status 2	0.0	0	0.0	0			1,017,259.7	2
Status 3	452.5	< 1	< 0.1	< 1			2,672,080.7	9
Status 4	40,588,780.1	88	29,831.9	< 1			40,752,481.6	88
Total	40,589,232.7	88	29,831.9	< 1			44,739,035.6	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):

Year-round Model:

Habitat Description: Wild turkeys are year-round residents throughout the Southeast where they inhabit a variety of wooded habitats. They are most common in bottomland or wet forests as well as hardwood and mixed forests containing oak spp., and less commonly found in pine forests (Hamel 1992, Anderson et al 1981). They seem to prefer fields or semi-openings where grasses, ferns, or goldenrods are high enough to provide cover, ideally these openings would be near water (Anderson et al. 1981). Within the Coastal Plain and Piedmont, wild turkey can be found in clearings, farms, plantations, and riparian habitats in cypress-tupelo and sweetgum swamps (Eaton 1992). Amy Silvano 08Sept05

From State Notes.

Nest is located in an area of dense low vegetation (Nicholson 1997), on the floor of a forested area, often at the base of a tree, under a log, or in bush (Harrison 1975). Rarely nests in trees (Fletcher 1994). Forages on the ground and also in shrubs and trees. Roosts in tall trees (Kaufman 1996).

Ecosystem Classifiers: Mixed, Hardwood, Mesic, and Northern Hardwood forests, Disturbed, plantations, ag(no row crop-wintering grounds), Floodplain/Riparian (excluding Herb mods), and Praire. Amy Silvano 08sept05

Avoidance Mask: High - very intolerant of human disturbance.

Selected Map Units:

Functional Group	Map Unit Name
Anthropogenic	Deciduous Plantations
Anthropogenic	Pasture/Hay
Anthropogenic	Successional Grassland/Herbaceous
Anthropogenic	Successional Grassland/Herbaceous (Other)
Anthropogenic	Successional Grassland/Herbaceous (Utility Swath)
Anthropogenic	Successional Shrub/Scrub (Clear Cut)
Anthropogenic	Successional Shrub/Scrub (Other)
Anthropogenic	Successional Shrub/Scrub (Utility Swath)
Forest/Woodland	Allegheny-Cumberland Dry Oak Forest and Woodland
Forest/Woodland	Allegheny-Cumberland Dry Oak Forest and Woodland - Hardwood Modifier
Forest/Woodland	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest
Forest/Woodland	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier
Forest/Woodland	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest
Forest/Woodland	Atlantic Coastal Plain Northern Mixed Oak-Heath Forest
Forest/Woodland	Central and Southern Appalachian Montane Oak Forest
Forest/Woodland	Central and Southern Appalachian Northern Hardwood Forest
Forest/Woodland	Central Appalachian Oak and Pine Forest
Forest/Woodland	East Gulf Coastal Plain Black Belt Calcareous Prairie and Woodland - Woodland Modifier
Forest/Woodland	East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Hardwood Modifier
Forest/Woodland	East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Mixed Modifier
Forest/Woodland	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier
Forest/Woodland	East Gulf Coastal Plain Limestone Forest
Forest/Woodland	East Gulf Coastal Plain Northern Dry Upland Hardwood Forest
Forest/Woodland	East Gulf Coastal Plain Northern Loess Bluff Forest
Forest/Woodland	East Gulf Coastal Plain Northern Loess Plain Oak-Hickory Upland - Hardwood Modifier
Forest/Woodland	East Gulf Coastal Plain Northern Mesic Hardwood Forest
Forest/Woodland	East Gulf Coastal Plain Southern Loess Bluff Forest
Forest/Woodland	East Gulf Coastal Plain Southern Mesic Slope Forest
Forest/Woodland	Northeastern Interior Dry Oak Forest - Mixed Modifier
Forest/Woodland	Northeastern Interior Dry Oak Forest-Hardwood Modifier
Forest/Woodland	Northern Atlantic Coastal Plain Dry Hardwood Forest
Forest/Woodland	Southern and Central Appalachian Oak Forest
Forest/Woodland	Southern and Central Appalachian Oak Forest - Xeric

Forest/Woodland	Southern Coastal Plain Dry Upland Hardwood Forest
Forest/Woodland	Southern Interior Low Plateau Dry-Mesic Oak Forest
Forest/Woodland	Southern Interior Low Plateau Dry-Mesic Oak Forest - Evergreen Modifier
Forest/Woodland	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier
Forest/Woodland	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier
Forest/Woodland	Southern Piedmont Dry Oak-Heath Forest - Hardwood Modifier
Forest/Woodland	Southern Piedmont Dry Oak-Heath Forest - Mixed Modifier
Forest/Woodland	Southern Piedmont Dry Oak-Heath Forest - Virginia/Pitch Pine Modifier
Forest/Woodland	Southern Piedmont Mesic Forest
Forest/Woodland	Southern Ridge and Valley Dry Calcareous Forest
Forest/Woodland	Southern Ridge and Valley Dry Calcareous Forest - Hardwood Modifier
Prairie	Bluegrass Basin Savanna and Woodland
Prairie	East Gulf Coastal Plain Black Belt Calcareous Prairie and Woodland
Prairie	East Gulf Coastal Plain Black Belt Calcareous Prairie and Woodland - Herbaceous Modifier
Prairie	East Gulf Coastal Plain Jackson Plain Prairie and Barrens
Prairie	East Gulf Coastal Plain Jackson Prairie and Woodland
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 Blackwater Stream Floodplain Forest - Forest Modifier
Wetlands	Atlantic Coastal Plain Brownwater Stream Floodplain Forest
Wetlands	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier
Wetlands	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier
Wetlands	Atlantic Coastal Plain Northern Basin Peat Swamp
Wetlands	Atlantic Coastal Plain Small Blackwater River Floodplain Forest
Wetlands	Atlantic Coastal Plain Small Brownwater River Floodplain Forest
Wetlands	Central Appalachian Floodplain - Forest Modifier
Wetlands	Central Appalachian Riparian - Forest Modifier
Wetlands	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier
Wetlands	East Gulf Coastal Plain Small Stream and River Floodplain Forest
Wetlands	Lower Mississippi River Bottomland and Floodplain Forest
Wetlands	Lower Mississippi River Bottomland Depressions - Forest Modifier
Wetlands	Mississippi River Low Floodplain (Bottomland) Forest
Wetlands	Mississippi River Riparian Forest
Wetlands	North-Central Appalachian Acidic Swamp
Wetlands	North-Central Interior and Appalachian Rich Swamp
Wetlands	South Florida Bayhead Swamp
Wetlands	South-Central Interior Large Floodplain - Forest Modifier
Wetlands	South-Central Interior Small Stream and Riparian
Wetlands	Southern Coastal Plain Blackwater River Floodplain Forest
Wetlands	Southern Piedmont Large Floodplain Forest - Forest Modifier
Wetlands	Southern Piedmont Small Floodplain and Riparian Forest

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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