



SOUTHEAST GAP ANALYSIS PROJECT



Species Modeling Report

Sharp-shinned Hawk

Accipiter striatus

Taxa: Avian

Order: Falconiformes

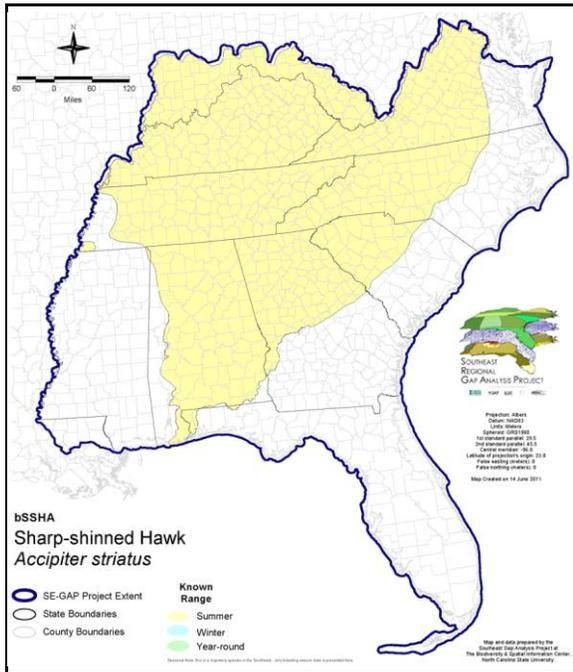
Family: Accipitridae

SE-GAP Spp Code: **bSSHA**

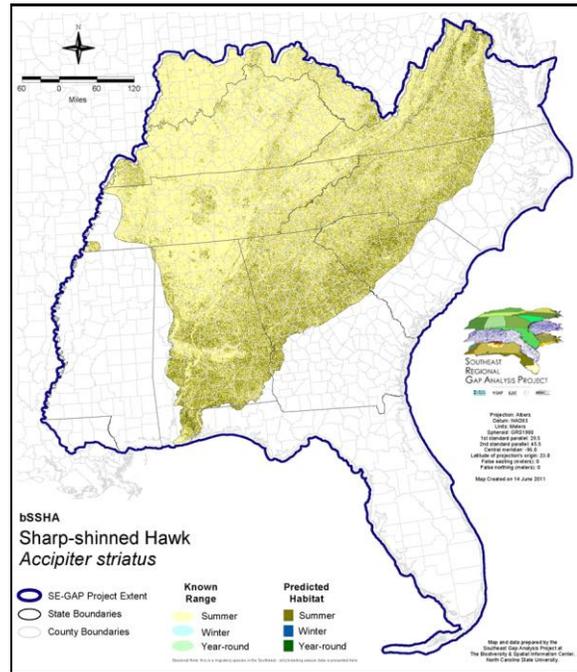
ITIS Species Code: 175304

NatureServe Element Code: ABNKC12020

KNOWN RANGE:



PREDICTED HABITAT:



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

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

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

Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/bSSHA_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: CA (None), CT (E), CT (E), ID (P), IL (RE), IN (SSC), IN (SSC), KY (S), MA (SC), NC (SR), NJ (SC), NV (YES), NY (SC), OH (SC), RI (State Historical), TN (D), UT (None), BC (4 (2005)), ON (NAR), ON (NAR), QC (Non suivie)

NS Global Rank: G5

NS State Rank: AK (S4B,S3N), AL (S3B,S4N), AR (S1S2B), AR (S1S2B), AZ (S4), CA (S3), CO (S3S4B,S4N), CT (S2B), CT (S2B), DC (S3N,SHB), DC (S3N,SHB), DE (S4N), FL (SNRN), GA (S4), IA (S3N), IA (S3N), ID (S5), IL (S1S2), IN (S2B), IN (S2B), KS (S1B,S4N), KY (S3B,S4N), LA (S1S2B,S4N), MA (S2B,S5N), MD (S1S2B), ME (S3S4B,S2S3N), MI (S3), MN (SNRB), MO (S3), MS (S1?B), MS (S1?B), MT (S4B), MT (S4B), NC (S2B,S4N), ND (SNRB), NE (S1), NH (S4), NJ (S3B,S3N), NM (S4B,S4N), NV (S3), NY (S4), OH (S3), OK (S4N), OR (S4), PA (S4B,S5N), RI (SHB), SC (S2N), SD (S3B,S3N), TN (S3B), TX (S2B,S3N), UT (S4), VA (S3S4), VT (S4B), VT (S4B), WA (S3S4B,S4N), WI (S2N,S3S4B), WV (S3B,S4N), WY (S4), AB (S4), BC (S5B,S5N), LB (S3B), MB (S5B), MB (S5B), NB (S4B), NF (S3B), NS (S4B), NT (SNRB), NU (SNRB), ON (S5), ON (S5), PE (S3S4B), QC (S5B), SK (S4B,S4M,S2N), 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	8,658.3	< 1	7,399.9	< 1	0.0	0	0.0	0
Status 2	8,544.9	< 1	73,579.1	< 1	0.0	0	1,621.0	< 1
Status 3	126.5	< 1	543,224.2	4	9,887.2	< 1	113,082.3	< 1
Status 4	26.6	< 1	0.0	0	0.0	0	15.8	< 1
Total	17,356.1	< 1	624,203.1	4	9,887.2	< 1	114,719.1	< 1
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	102,499.5	< 1	0.0	0	0.0	0
Status 2	0.0	0	2,302.2	< 1	< 0.1	< 1	0.0	0
Status 3	1,274.9	< 1	32,564.7	< 1	0.0	0	329.4	< 1
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	1,274.9	< 1	137,366.4	< 1	< 0.1	< 1	329.4	< 1
	Native Am. Reserv.		State Park/Hist. Park		State WMA/Gameland		State Forest	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	268.6	< 1	0.0	0	0.0	0
Status 2	0.0	0	2,654.6	< 1	82,690.2	< 1	147.2	< 1
Status 3	4,237.6	< 1	36,587.5	< 1	29,656.5	< 1	14,229.1	< 1
Status 4	0.0	0	0.0	0	52,009.7	< 1	0.0	0
Total	4,237.6	< 1	39,510.7	< 1	164,356.4	1	14,376.2	< 1
	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	1,680.4	< 1	0.0	0	0.0	0
Status 2	0.0	0	7,959.5	< 1	0.0	0	401.5	< 1
Status 3	0.0	0	2,219.5	< 1	2,771.6	< 1	1,129.1	< 1
Status 4	0.0	0	0.0	0	1,252.4	< 1	0.0	0
Total	0.0	0	11,859.4	< 1	4,024.0	< 1	1,530.5	< 1
	Private Land - No Res.		Water		Overall Total			
	ha	%	ha	%	ha	%		
Status 1	0.0	0	0.0	0	120,506.6	< 1		
Status 2	0.0	0	0.0	0	179,900.2	1		
Status 3	30.4	< 1	0.0	0	791,350.4	9		
Status 4	13,096,278.4	88	4,695.4	< 1	13,206,261.3	89		
Total	13,096,308.8	88	4,695.4	< 1	14,298,018.5	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: Young, dense, mixed or coniferous woodlands are preferred for nesting (Platt 1976, Reynolds et al. 1982, Meyer 1987, Wiggers and Kritz 1991). Deciduous forest is also used, though coniferous forest is primarily used in more northern and mountainous portion of range (AOU 1983). Where conifers are scarce, as in the prairie regions, cottonwoods, poplars, and other members of the Betulaceae may be used (Bent 1937). Nests generally seem to be in a stand of dense conifers near a forest opening, though this may reflect observer bias. Nests are usually in tree crotch or on branch next to trunk, most often 3-18 m up, hidden by thick foliage (Meyer 1987). Forage in woods especially where woodland and open-land matrix exists (Hamel 1992). Foraging habitat has also been reported as flatwoods, hammocks, mangrove swamp, beaches, interior sand flats, citrus groves, and mixed forest or brush with open areas (Layne et al. 1977). They are sometimes found in rural and urban areas near bird feeders (Stevenson and Anderson 1994).

Sharp-shinned nesting sites were in stands averaging 11.8 ha compared to an average of 4.1 ha for Cooper's hawks in pine stands (Wiggers and Kritz 1991). An average home range size of 99.5 ha was reported in Schoener (1968).

Quoted directly from existing state habitat notes - K. Cook, 13Feb05

Selected Map Units:

Functional Group	Map Unit Name
Anthropogenic	Evergreen Plantations
Anthropogenic	Low Intensity Developed
Forest/Woodland	Alabama Ketona Glade and Woodland
Forest/Woodland	Allegheny-Cumberland Dry Oak Forest and Woodland - Pine Modifier
Forest/Woodland	Appalachian Hemlock-Hardwood Forest
Forest/Woodland	Appalachian Serpentine Woodland
Forest/Woodland	Appalachian Shale Barrens
Forest/Woodland	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier
Forest/Woodland	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier
Forest/Woodland	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest
Forest/Woodland	Atlantic Coastal Plain Northern Mixed Oak-Heath Forest
Forest/Woodland	Atlantic Coastal Plain Upland Longleaf Pine Woodland
Forest/Woodland	Central and Southern Appalachian Montane Oak Forest
Forest/Woodland	Central and Southern Appalachian Spruce-Fir Forest
Forest/Woodland	Central Appalachian Alkaline Glade and Woodland
Forest/Woodland	Central Appalachian Oak and Pine Forest
Forest/Woodland	Central Appalachian Pine-Oak Rocky Woodland
Forest/Woodland	Central Interior Highlands Calcareous Glade and Barrens
Forest/Woodland	Central Interior Highlands Dry Acidic Glade and Barrens
Forest/Woodland	Cumberland Sandstone Glade and Barrens
Forest/Woodland	East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Mixed Modifier
Forest/Woodland	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Loblolly Modifier
Forest/Woodland	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier
Forest/Woodland	East Gulf Coastal Plain Northern Dry Upland Hardwood Forest - Offsite Pine Modifier
Forest/Woodland	East Gulf Coastal Plain Northern Loess Plain Oak-Hickory Upland - Juniper Modifier
Forest/Woodland	Florida Longleaf Pine Sandhill - Open Understory Modifier
Forest/Woodland	Nashville Basin Limestone Glade
Forest/Woodland	Northeastern Interior Dry Oak Forest - Mixed Modifier
Forest/Woodland	Northeastern Interior Dry Oak Forest - Virginia/Pitch Pine Modifier
Forest/Woodland	Ridge and Valley Calcareous Valley Bottom Glade and Woodland
Forest/Woodland	Southeastern Interior Longleaf Pine Woodland
Forest/Woodland	Southern and Central Appalachian Cove Forest
Forest/Woodland	Southern and Central Appalachian Mafic Glade and Barrens
Forest/Woodland	Southern Appalachian Montane Pine Forest and Woodland

Forest/Woodland	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier
Forest/Woodland	Southern Piedmont Dry Oak-(Pine) Forest - Mixed 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 Glade and Barrens
Forest/Woodland	Southern Piedmont Mafic Hardpan Woodland
Forest/Woodland	Southern Piedmont Northern Triassic Basin Dry Forest
Forest/Woodland	Southern Ridge and Valley Dry Calcareous Forest - Pine Modifier
Wetlands	East Gulf Coastal Plain Jackson Plain Dry Flatwoods - Open Understory Modifier
Wetlands	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open Understory Modifier
Wetlands	East Gulf Coastal Plain Southern Loblolly-Hardwood Flatwoods

Selected Secondary Map Units within 60m of Primary Map Units:

Functional Group	Map Unit Name
Anthropogenic	Successional Shrub/Scrub (Clear Cut)
Anthropogenic	Successional Shrub/Scrub (Utility Swath)
Anthropogenic	Successional Shrub/Scrub (Other)
Anthropogenic	Successional Grassland/Herbaceous
Anthropogenic	Successional Grassland/Herbaceous (Other)
Anthropogenic	Successional Grassland/Herbaceous (Utility Swath)
Anthropogenic	Pasture/Hay
Anthropogenic	Row Crop

CITATIONS:

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