



SOUTHEAST GAP ANALYSIS PROJECT



Species Modeling Report

Summer Tanager

Piranga rubra

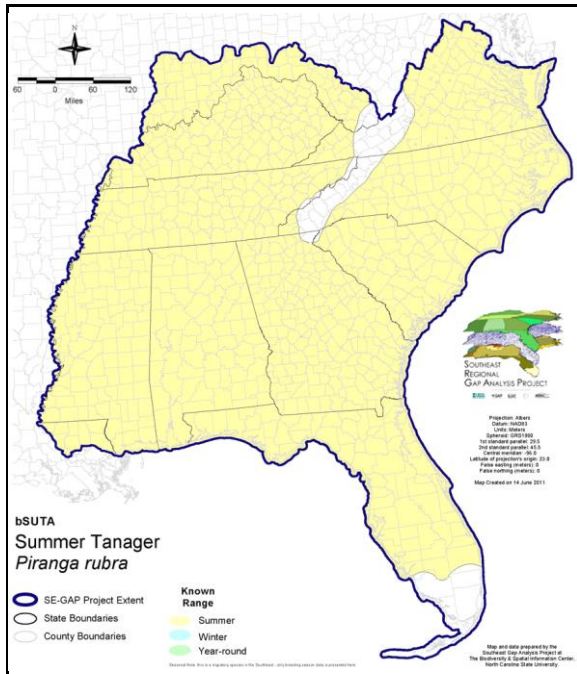
Taxa: Avian
Order: Passeriformes
Family: Cardinalidae

SE-GAP Spp Code: **bSUTA**

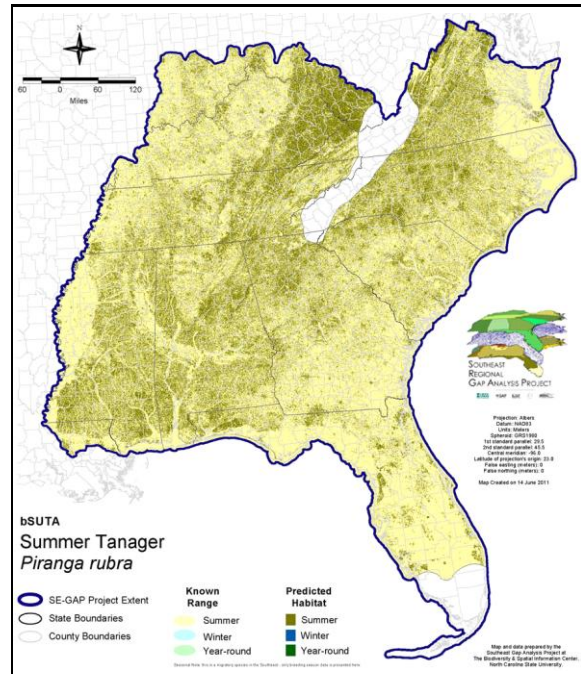
ITIS Species Code: 179888

NatureServe Element Code: ABPBX45030

KNOWN RANGE:



PREDICTED HABITAT:



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

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

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

Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/bSUTA_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: CA (None), KY (N), NJ (S), NV (YES), NY (PB), RI (Not Listed), UT (None), QC (Non suivie)

NS Global Rank: G5

NS State Rank: AL (S5B), AL (S5B), AR (S5B), AZ (S4), CA (S2), CO (SNA), CO (SNA), CT (SNA), DC (S1S2B,S1S2N), DE (S3B), FL (SNRB), GA (S5), IA (S3B,S3N), IL (S5), IN (S4B), KS (S4B), KY (S5B), LA (S5B), MA (S1N), MD (S4B), ME (SNA), MI (SNRN), MN (SNA), MO (SNRB), MS (S5B), MS (S5B), MT (SNA), NC (S5B), NC (S5B), NE (S3), NJ (S4B), NM (S4B,S5N), NV (S2B), NY (SNA), OH (S5), OK (S4B), OR (SNA), PA (S3B), RI (SNA), SD (SNA), TN (S4), TX (S5B), UT (S1B), VA (S5), WA (SNA), WI (SNA), WV (S5B), WY (SNA), AB (SNA), MB (SNA), NB (SNA), NF (SNA), NS (SNA), ON (SNA), PE (SNA), QC (SNA), 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	17,813.1	< 1	7,787.7	< 1	0.0	0	0.0	0
Status 2	14,657.2	< 1	117,391.9	< 1	0.0	0	2,535.1	< 1
Status 3	1,000.6	< 1	1,099,601.6	3	31,603.4	< 1	331,511.2	1
Status 4	0.0	0	0.0	0	0.0	0	141.3	< 1
Total	33,470.9	< 1	1,224,781.1	4	31,603.4	< 1	334,187.6	1
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	48,849.4	< 1	0.0	0	5,341.1	< 1
Status 2	0.0	0	11,169.4	< 1	729.3	< 1	0.0	0
Status 3	19,606.4	< 1	56,639.3	< 1	0.0	0	1,335.0	< 1
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	19,606.4	< 1	116,658.1	< 1	729.3	< 1	6,676.1	< 1
	Native Am. Reserv.		State Park/Hist. Park		State WMA/Gameland		State Forest	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	1,007.2	< 1	19.8	< 1	0.0	0
Status 2	0.0	0	10,493.6	< 1	226,989.5	< 1	1,243.1	< 1
Status 3	5,214.9	< 1	115,457.3	< 1	83,049.3	< 1	114,062.7	< 1
Status 4	0.0	0	0.0	0	54,034.0	< 1	30.1	< 1
Total	5,214.9	< 1	126,958.1	< 1	364,092.6	1	115,335.8	< 1
	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	8,199.8	< 1	0.0	0	0.0	0
Status 2	1,463.2	< 1	31,129.9	< 1	0.6	< 1	1,239.2	< 1
Status 3	0.0	0	4,463.9	< 1	7,415.7	< 1	6,678.9	< 1
Status 4	0.0	0	1.4	< 1	984.5	< 1	0.0	0
Total	1,463.2	< 1	43,795.1	< 1	8,400.9	< 1	7,918.1	< 1
	Private Land - No Res.		Water		Overall Total			
	ha	%	ha	%	ha	%		
Status 1	0.0	0	0.0	0	89,018.1	< 1		
Status 2	0.0	0	0.0	5	419,042.1	1		
Status 3	75.5	< 1	0.0	0	1,877,715.7	9		
Status 4	27,848,284.1	89	6,383.0	< 1	27,963,892.4	89		
Total	27,848,359.6	89	6,383.2	< 1	30,349,668.3	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: Summer Tanagers can be found in deciduous and coniferous woodlands, wooded residential areas, and bottomlands (Nicholson 1997). May prefer dry oak-pine forests near the coast (Fussell 1994) and mature deciduous and mixed forests in the mountain region (Simpson 1992). Where habitat overlaps with that of the Scarlet Tanager, will use more open habitat than it would in the absence of the competitor (Nicholson 1997). They most often inhabit relatively dry stands of oak, pine or hickory in hardwood or mixed forest at moderate to low elevations (GA-GAP 2003). This species will also inhabit loblolly and longleaf dominated stands in the Piedmont and Coastal Plain (Hunter 1990). Conversely, the summer tanager is less numerous in mesic forests of bottomlands, slopes, and ravines (Palmer-ball 1996). The nest is built from 10 to 35 feet from the ground (Ehrlich et al. 1988) on the horizontal fork of a tree, close to the trunk (Nicholson 1997). Forages byhawking and gleaning insects, and also by eating fruit (Ehrlich et al. 1988). Amy Silvano 9jun05

***Portions quoted directly from state hab notes. Amy Silvano

Ecosystem Classifiers: Evergreen, Mixed, Hardwood & Maritime Forests, Xeric Woodlands, Mesic as AMU (less optimal due to preference dry stands of oak spp in canopy, and), Low Urban, DOS, Floodplain/Riparian (excluding blackwater systems & Herb mods). Amy Silvano 9jun05

Elevation Mask: < 762m

Contiguous Patch Minimum Size (hectares): 40

Selected Map Units:

Functional Group	Map Unit Name
Anthropogenic	Developed Open Space
Anthropogenic	Low Intensity Developed
Forest/Woodland	Alabama Ketona Glade and Woodland
Forest/Woodland	Allegheny-Cumberland Dry Oak Forest and Woodland
Forest/Woodland	Allegheny-Cumberland Dry Oak Forest and Woodland - Hardwood Modifier
Forest/Woodland	Allegheny-Cumberland Dry Oak Forest and Woodland - Pine Modifier
Forest/Woodland	Appalachian Serpentine Woodland
Forest/Woodland	Atlantic Coastal Plain Central Maritime Forest
Forest/Woodland	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest
Forest/Woodland	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier
Forest/Woodland	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier
Forest/Woodland	Atlantic Coastal Plain Northern Maritime Forest
Forest/Woodland	Atlantic Coastal Plain Northern Mixed Oak-Heath Forest
Forest/Woodland	Atlantic Coastal Plain Upland Longleaf Pine Woodland
Forest/Woodland	Central Appalachian Alkaline Glade and Woodland
Forest/Woodland	Central Appalachian Oak and Pine Forest
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 Shortleaf Pine-Oak Forest - Pine 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 - Offsite Hardwood Modifier
Forest/Woodland	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier
Forest/Woodland	East Gulf Coastal Plain Limestone Forest
Forest/Woodland	East Gulf Coastal Plain Maritime Forest
Forest/Woodland	East Gulf Coastal Plain Northern Dry Upland Hardwood Forest
Forest/Woodland	East Gulf Coastal Plain Northern Loess Plain Oak-Hickory Upland - Hardwood 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	Mississippi Delta Maritime 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	Ridge and Valley Calcareous Valley Bottom Glade and Woodland

Forest/Woodland	Southeast Florida Coastal Strand and Maritime Hammock
Forest/Woodland	Southeastern Interior Longleaf Pine Woodland
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 Coastal Plain Oak Dome and Hammock
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 - Loblolly Pine 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 Mafic Hardpan Woodland
Forest/Woodland	Southern Piedmont Northern Triassic Basin Dry Forest
Forest/Woodland	Southern Ridge and Valley Dry Calcareous Forest
Forest/Woodland	Southern Ridge and Valley Dry Calcareous Forest - Hardwood Modifier
Forest/Woodland	Southern Ridge and Valley Dry Calcareous Forest - Pine Modifier
Forest/Woodland	Southwest Florida Coastal Strand and Maritime Hammock
Prairie	East Gulf Coastal Plain Black Belt Calcareous Prairie and Woodland - Herbaceous Modifier

- 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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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

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The Biodiversity and Spatial Information
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