



SOUTHEAST GAP ANALYSIS PROJECT



Species Modeling Report

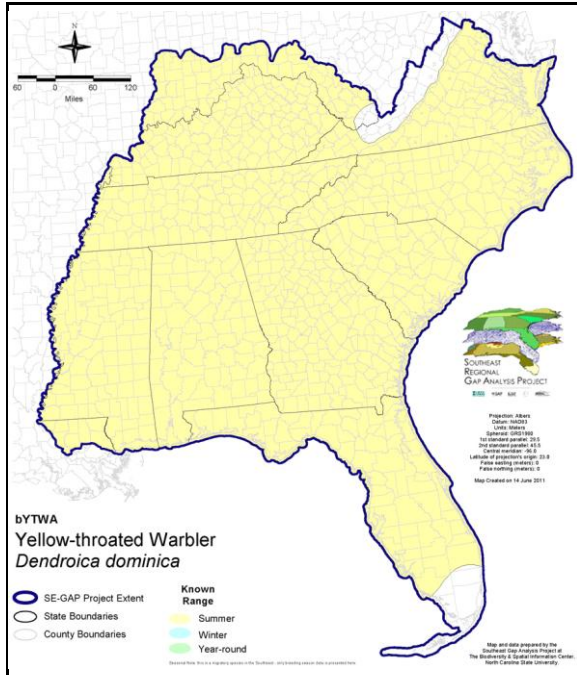
Yellow-throated Warbler

Dendroica dominica

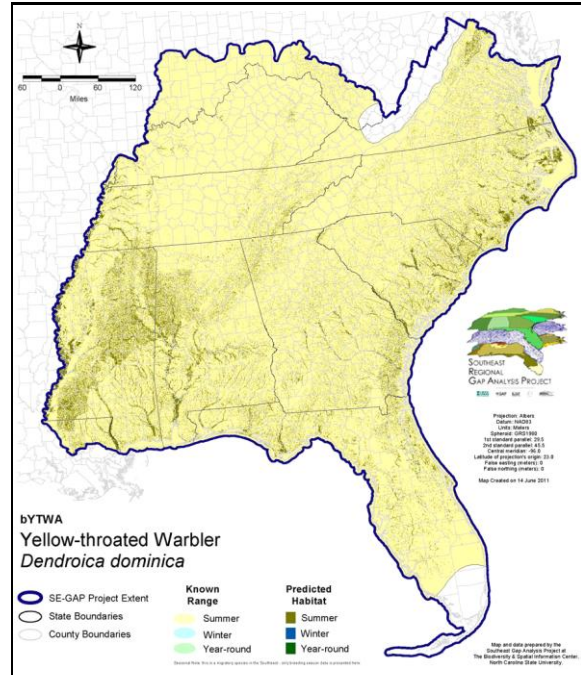
Taxa: Avian
 Order: Passeriformes
 Family: Parulidae

SE-GAP Spp Code: **bYTWA**
 ITIS Species Code: 178905
 NatureServe Element Code: ABPBX03130

KNOWN RANGE:



PREDICTED HABITAT:



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

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

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

Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/bYTWA_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: KS (C), KY (N), MI (T), NJ (S/S), NV (YES), NY (PB), RI (Not Listed), UT (None), WI (END), WI (END), BC (8 (2005)), QC (Non suivie)

NS Global Rank: G5

NS State Rank: AL (S5B,S3N), AR (S4B,S4N), AZ (SNA), AZ (SNA), CA (SNA), CO (SNA), CT (SNA), DC (S1N), DE (S2B), FL (SNRB,SNRN), GA (S5), IA (S3B,S3N), IL (S5), IN (S4B), KS (S1B), KY (S4S5B), LA (S4B), MA (S1N), MD (S4B), ME (SNA), MI (S1), MO (SNRB), MS (S5B), MS (S5B), MT (SNA), NC (S5B), NC (S5B), NE (S1), NH (SNA), NJ (S4B), NM (S4N), NV (SNA), NY (SNA), OH (S5), OK (S2B), PA (S4B), RI (SNA), SC (S3?), TN (S4), TX (S4B), UT (SNA), VA (S4), VT (SNA), WI (S1B), WI (S1B), WV (S4B), WY (SNA), BC (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	74,305.9	< 1	5,608.4	< 1	0.0	0	0.0	0
Status 2	154,825.9	1	41,171.9	< 1	0.0	0	2,180.2	< 1
Status 3	1,100.3	< 1	434,171.9	3	13,196.5	< 1	117,016.2	< 1
Status 4	19.2	< 1	0.0	0	0.0	0	2.3	< 1
Total	230,251.2	2	480,952.2	4	13,196.5	< 1	119,198.7	< 1
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	17,586.5	< 1	83.0	< 1	6,888.2	< 1
Status 2	0.0	0	5,571.0	< 1	2,829.9	< 1	14.1	< 1
Status 3	17,974.8	< 1	18,548.2	< 1	0.0	0	1,150.1	< 1
Status 4	0.0	0	1.0	< 1	0.0	0	0.0	0
Total	17,974.8	< 1	41,707.2	< 1	2,912.9	< 1	8,052.5	< 1
	Native Am. Reserv.		State Park/Hist. Park		State WMA/Gameland		State Forest	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	277.1	< 1	1.4	< 1	0.0	0
Status 2	0.0	0	2,646.9	< 1	256,085.2	2	25.9	< 1
Status 3	5,444.6	< 1	186,458.4	1	105,972.6	< 1	71,907.9	< 1
Status 4	0.0	0	0.0	0	29,875.1	< 1	5.5	< 1
Total	5,444.6	< 1	189,382.4	2	391,934.3	3	71,939.3	< 1
	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	2,349.5	< 1	0.0	0	0.0	0
Status 2	11,216.2	< 1	45,118.9	< 1	2.5	< 1	680.5	< 1
Status 3	0.0	0	4,762.5	< 1	5,076.4	< 1	35,926.5	< 1
Status 4	0.0	0	0.0	0	978.3	< 1	0.0	0
Total	11,216.2	< 1	52,231.0	< 1	6,057.2	< 1	36,607.0	< 1
	Private Land - No Res.		Water		Overall Total			
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	0.0	0			107,100.0	< 1
Status 2	0.0	0	0.0	< 1			522,369.3	4
Status 3	389.1	< 1	0.0	0			1,019,095.9	12
Status 4	10,422,472.2	83	26,159.9	< 1			10,509,369.8	83
Total	10,422,861.3	83	26,160.0	< 1			12,157,935.0	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: Yellow-throated warblers favor broadleaf evergreen or bottomland hardwood forests, especially those mixed with some pines or cypresses (Hamel 1992). In the foothills of the mountain region, it is usually associated with pine stands (Alsop 1991, Simpson 1992). Elsewhere it can be found in mature (Hamel 1992) mixed deciduous-coniferous forests and in bottomlands, swamps, riparian areas, or near water, where it is often in communities of pine, sycamore, or bald cypress (Dunn and Garrett 1997, Nicholson 1997). On coastal plain it's most common in cypress swamps and live oak stands particularly those with large amounts of spanish moss (Hall 1996). Yellow-throated warblers breed in the middle to lower elevations of the mountains east to the coastal plain (Fussell 1994, Potter et al. 1980) and occasionally on the barrier islands (Fussell and Lyons 1990). Nest placed 20-40 feet above ground on a horizontal limb of a pine, sycamore, or cypress tree (Ehrlich et al. 1988, Pearson 1959); near the coast, often built in a clump of Spanish moss (Harrison 1975). Nests built later in the breeding season may be attached to a small, nearly vertical limb in the tree canopy (Ganier 1953). Forages high in trees (Dunn and Garrett 1997), but also along large interior limbs (Alsop 1991). Amy Silvano 6jun05

***quoted from state habitat notes.

Ecosystem classifiers: Mixed, Montane pine, Maritime, Tidal wooded swamps, Treed Depressional, Floodplained/Riparian (No herb mods). Amy Silvano 6jun05

Elevation Mask: < 610m

Selected Map Units:

Functional Group	Map Unit Name
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Northern Tidal Wooded Swamp
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Southern Tidal Wooded Swamp
Brackish Tidal Marsh & Wetland	East Gulf Coastal Plain Tidal Wooded Swamp
Forest/Woodland	Allegheny-Cumberland Dry Oak Forest and Woodland - Pine Modifier
Forest/Woodland	Atlantic Coastal Plain Central Maritime Forest
Forest/Woodland	Atlantic Coastal Plain Northern Maritime Forest
Forest/Woodland	Atlantic Coastal Plain Northern Mixed Oak-Heath Forest
Forest/Woodland	Central Appalachian Oak and Pine Forest
Forest/Woodland	East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Mixed Modifier
Forest/Woodland	East Gulf Coastal Plain Maritime Forest
Forest/Woodland	Mississippi Delta Maritime Forest
Forest/Woodland	Northeastern Interior Dry Oak Forest - Mixed Modifier
Forest/Woodland	Northeastern Interior Dry Oak Forest - Virginia/Pitch Pine Modifier
Forest/Woodland	Southeast Florida Coastal Strand and Maritime Hammock
Forest/Woodland	Southern Appalachian Low Mountain Pine Forest
Forest/Woodland	Southern Appalachian Montane Pine Forest and Woodland
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 Ridge and Valley Dry Calcareous Forest - Pine Modifier
Forest/Woodland	Southwest Florida Coastal Strand and Maritime Hammock
Wetlands	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier
Wetlands	Atlantic Coastal Plain Brownwater Stream Floodplain Forest
Wetlands	Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland
Wetlands	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier
Wetlands	Atlantic Coastal Plain Northern Basin Peat Swamp
Wetlands	Atlantic Coastal Plain Peatland Pocosin
Wetlands	Atlantic Coastal Plain Small Blackwater River Floodplain Forest
Wetlands	Atlantic Coastal Plain Small Brownwater River Floodplain Forest
Wetlands	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall
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 Northern Seepage Swamp
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-Central Interior Large Floodplain - Forest Modifier
Wetlands	South-Central Interior Small Stream and Riparian
Wetlands	Southern Coastal Plain Blackwater River Floodplain Forest
Wetlands	Southern Coastal Plain Nonriverine Basin Swamp
Wetlands	Southern Coastal Plain Seepage Swamp and Baygall
Wetlands	Southern Piedmont Large Floodplain Forest - Forest Modifier
Wetlands	Southern Piedmont Seepage Wetland
Wetlands	Southern Piedmont Small Floodplain and Riparian Forest
Wetlands	Southern Piedmont/Ridge and Valley Upland Depression Swamp

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Compiled: 15 September 2011

This data was compiled and/or developed
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