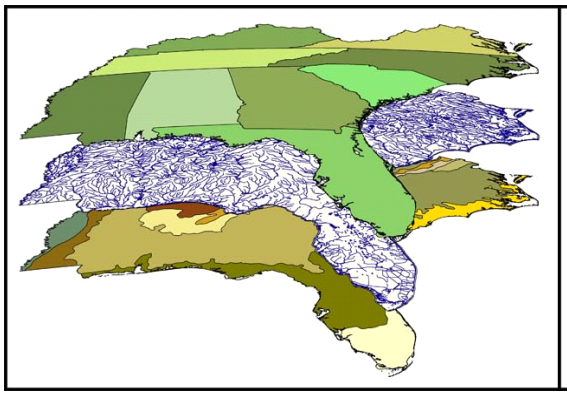


SOUTHEAST GAP ANALYSIS PROJECT

USGS science for a changing world | gap KEEPING COMMON SPECIES COMMON | Biodiversity and Spatial Information Center BaSIC | NARSAL

Species Modeling Report

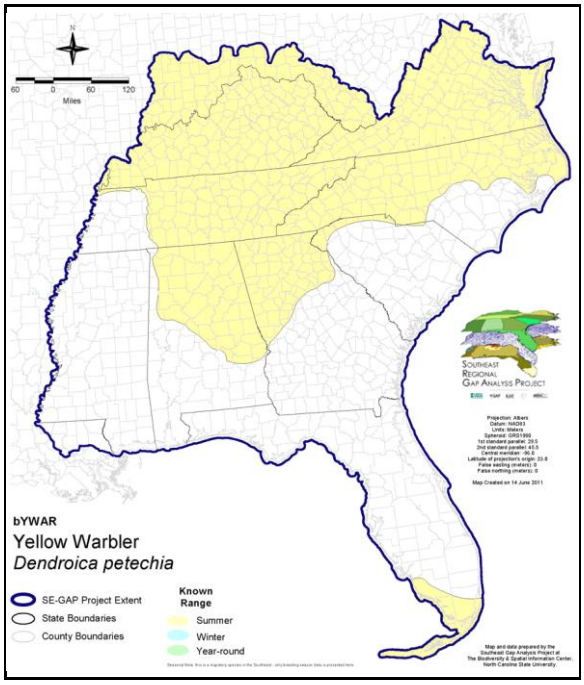
Yellow Warbler

Dendroica petechia

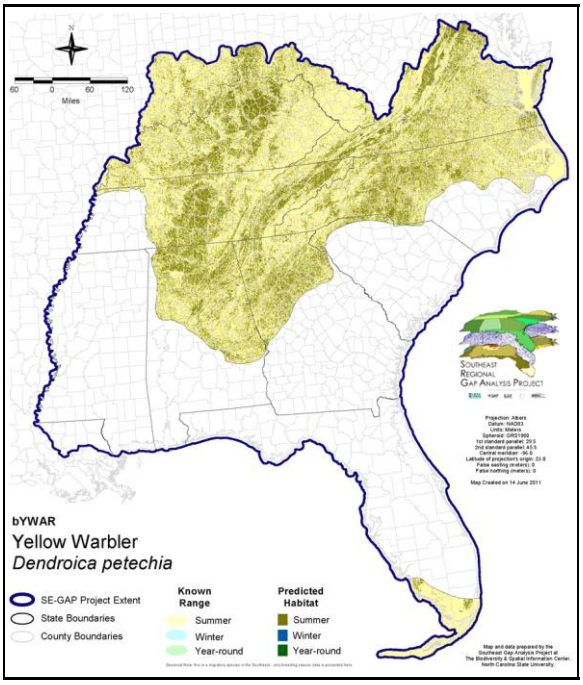
Taxa: Avian
Order: Passeriformes
Family: Parulidae

SE-GAP Spp Code: **bYWAR**
ITIS Species Code: 178878
NatureServe Element Code: ABPBX03010

KNOWN RANGE:



PREDICTED HABITAT:



Range Map Link: http://www.basic.ncsu.edu/segap/datazip/maps/SE_Range_bYWAR.pdf
Predicted Habitat Map Link: http://www.basic.ncsu.edu/segap/datazip/maps/SE_Dist_bYWAR.pdf
GAP Online Tool Link: http://www.gapserve.ncsu.edu/segap/segap/index2.php?species=bYWAR
Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/bYWAR_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: AR (W), ID (P), ID (P), KY (N), ME (SC), NJ (S/S), NV (YES), NY (PB), RI (Not Listed), UT (None), BC (4 (2005)), BC (4 (2005)), QC (Non suivie)

NS Global Rank: G5

NS State Rank: AK (S5B), AL (S4B), AR (S3B,S5N), AZ (S4), CA (SNRB), CO (S5), CT (S5B), CT (S5B), DC (S2N), DE (S4B), FL (SNRB,SNRN), GA (S4), IA (S4B), ID (S5B), ID (S5B), IL (S5), IN (S4B), KS (S3B), KY (S4S5B), LA (SNA), LA (SNA), MA (S5B), MD (S5B), ME (S5B), MI (S5), MN (SNRB), MO (SNRB), MS (SNA), MT (S5B), MT (S5B), NC (S4B), NC (S4B), ND (SNRB), NE (S5), NH (S5B), NJ (S4B), NM (S4B,S4N), NV (S3S4B,S4M), NY (S5), OH (S5), OK (S3B), OR (S4), PA (S5B), RI (S5B), SC (SNR), SD (S5B), SD (S5B), TN (S5), TX (S2B,S5N), UT (S4S5B), VA (S5), VT (S5B), VT (S5B), WA (S4S5B), WA (S4S5B), WI (S4B), WI (S4B), WV (S5B), WY (S5B,S5N), AB (S5), BC (S4S5B), BC (S4S5B), LB (S5B), MB (S5B), MB (S5B), NB (S5B), NF (S5B), NS (S5B), NT (SNRB), NU (SNRB), ON (S5B), PE (S5B), QC (S5B), SK (S5B), SK (S5B), YT (S5B)

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	29,146.1	< 1	500.8	< 1	0.0	0	0.0	0
Status 2	24,895.7	< 1	4,964.1	< 1	0.0	0	1,115.1	< 1
Status 3	649.9	< 1	62,440.2	< 1	25,764.5	< 1	61,176.9	< 1
Status 4	12.4	< 1	0.0	0	0.0	0	205.1	< 1
Total	54,704.1	< 1	67,905.1	< 1	25,764.5	< 1	62,497.1	< 1

	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	15,086.9	< 1	0.0	0	0.0	0
Status 2	0.0	0	786.7	< 1	393.9	< 1	0.0	0
Status 3	2,965.6	< 1	30,532.3	< 1	0.0	0	794.2	< 1
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	2,965.6	< 1	46,405.9	< 1	393.9	< 1	794.2	< 1

	Native Am. Reserv.		State Park/Hist. Park		State WMA/Gameland		State Forest	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	69.7	< 1	4.5	< 1	0.0	0
Status 2	0.0	0	840.1	< 1	33,725.8	< 1	38.5	< 1
Status 3	2,169.0	< 1	16,159.1	< 1	26,927.5	< 1	3,024.6	< 1
Status 4	0.0	0	0.0	0	7,092.3	< 1	0.0	0
Total	2,169.0	< 1	17,068.9	< 1	67,750.0	< 1	3,063.2	< 1

	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	454.9	< 1	0.0	0	0.0	0
Status 2	2,542.1	< 1	7,360.5	< 1	4.0	< 1	436.3	< 1
Status 3	0.0	0	1,148.5	< 1	582.1	< 1	1,596.0	< 1
Status 4	0.0	0	0.0	0	342.4	< 1	0.0	0
Total	2,542.1	< 1	8,963.8	< 1	928.4	< 1	2,032.3	< 1

	Private Land - No Res.		Water		Overall Total	
	ha	%	ha	%	ha	%
Status 1	0.0	0	0.0	0	45,262.7	< 1
Status 2	0.0	0	0.0	0	77,102.7	< 1
Status 3	0.0	0	0.0	0	235,930.3	2
Status 4	14,933,673.1	97	7,552.6	< 1	14,955,957.7	97
Total	14,933,673.1	97	7,552.6	< 1	15,314,253.5	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: Yellow warblers occur in a variety of semi-open and open habitats, typically avoiding mature forests (Palmer-Ball 1996). This speceis is frequently found in wet second-growth woodlands, scrub (Ehrlich et al. 1988), deciduous thickets, willow stands, and medium to mature deciduous forests bordering streams or lakes (Simpson 1992, Nicholson 1997). Yellow warblers nest in wet, deciduous thickets, especially those dominated by willows, and in disturbed and early successional habitats (Lowther et al. 1999). It can just as often be found nesting in orchards, shade trees, upland groves (Pearson 1959), as well as farmlands and gardens of towns and cities, often close to human habitation (Griscom and Sprunt 1957). The nest is generally located from 2-12 feet (although it can be as high as 40 feet) from the ground, in the crotch of a small tree, sapling, or shrub (Ehrlich et al. 1988, Hamel 1992). In urban areas it may nest in ornamental shrubbery or fruit trees (Griscom and Sprunt 1957, Pearson 1959). Amy Silvano 11apr05

Ecosystem Classifiers: Antropoogenic (urban, disturbed, plantations, agricultural), Open Water, Wetlands (Shrub/scrub, depressional, lakes/river/pondshore, floodplain/riparian). Amy Silvano 11apr050

Mask of Forest Interior Avoidance: Exclude forest interiors with 250m buffer into them.

Selected Map Units:

Functional Group	Map Unit Name
Anthropogenic	Deciduous Plantations
Anthropogenic	Developed Open Space
Anthropogenic	Low Intensity Developed
Anthropogenic	Pasture/Hay
Anthropogenic	Successional Shrub/Scrub (Clear Cut)
Anthropogenic	Successional Shrub/Scrub (Other)
Anthropogenic	Successional Shrub/Scrub (Utility Swath)
Forest/Woodland	Alabama Ketona Glade and Woodland
Forest/Woodland	Appalachian Shale Barrens
Forest/Woodland	Central Appalachian Alkaline Glade and 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	Nashville Basin Limestone Glade
Forest/Woodland	Ridge and Valley Calcareous Valley Bottom Glade and Woodland
Forest/Woodland	Southern and Central Appalachian Mafic Glade and Barrens
Forest/Woodland	Southern Piedmont Glade and Barrens
Wetlands	Atlantic Coastal Plain Brownwater Stream Floodplain Forest
Wetlands	Atlantic Coastal Plain Depression Pondshore
Wetlands	Atlantic Coastal Plain Large Natural Lakeshore
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 Swamp and Wet Hardwood Forest
Wetlands	Atlantic Coastal Plain Northern Pondshore
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 Floodplain - Herbaceous Modifier
Wetlands	Central Appalachian Riparian - Forest Modifier
Wetlands	Central Appalachian Riparian - Herbaceous Modifier
Wetlands	Central Interior Highlands and Appalachian Sinkhole and Depression Pond
Wetlands	East Gulf Coastal Plain Interior Shrub Bog
Wetlands	East Gulf Coastal Plain Northern Depression Pondshore
Wetlands	East Gulf Coastal Plain Northern Seepage Swamp
Wetlands	North-Central Appalachian Acidic Swamp
Wetlands	North-Central Appalachian Seepage Fen

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 Large Floodplain - Herbaceous Modifier
Wetlands	South-Central Interior Small Stream and Riparian
Wetlands	Southern and Central Appalachian Bog and Fen
Wetlands	Southern Appalachian Seepage Wetland
Wetlands	Southern Piedmont Large Floodplain Forest - Forest Modifier
Wetlands	Southern Piedmont Large Floodplain Forest - Herbaceous Modifier
Wetlands	Southern Piedmont Seepage Wetland
Wetlands	Southern Piedmont Small Floodplain and Riparian Forest
Wetlands	Southern Piedmont/Ridge and Valley Upland Depression Swamp
Wetlands	Western Highland Rim Seepage Fen

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Compiled: 15 September 2011

This data was compiled and/or developed by the Southeast GAP Analysis Project at The Biodiversity and Spatial Information Center, North Carolina State University.