





Species Modeling Report

Yellow-throated Vireo

Vireo flavifrons

Taxa: Avian Order: Passeriformes

Family: Vireonidae

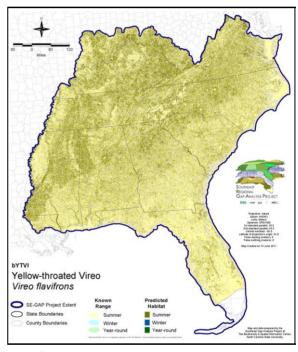
SE-GAP Spp Code: **bYTVI** ITIS Species Code: 179009

NatureServe Element Code: ABPBW01170

KNOWN RANGE:

Yellow-throated Vireo Vireo flavifrons

PREDICTED HABITAT:



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

Predicted Habitat Map Link: http://www.basic.ncsu.edu/segap/datazip/maps/SE_Dist_bYTVI.pdf GAP Online Tool Link: http://www.gapserve.ncsu.edu/segap/segap/index2.php?species=bYTVI

Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/bYTVI_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: ID (P), KY (N), NJ (S/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 (S4B,S4N), AZ (SNA), CA (SNA), CO (SNA), CT (S5B), CT (S5B), DC (S2S3B,S2S3N), DE (S3B), FL (SNRB), GA (S4), IA (S4B,S4N), ID (SNA), IL (S4S5), IN (S4B), KS (S3B), KY (S5B), LA (S4B), MA (S4B), MD (S4S5B), ME (S3B), MI (S5), MN (SNRB), MO (SNRB), MS (S5B), MS (S5B), MT (SNA), NC (S4B), NC (S4B), ND (SNRB), NE (S3), NH (S4B), NJ (S4B), NM (SNA), NV (SNA), NY (S5), OH (S5), OK (S2B), PA (S4B), RI (S4B), SC (S3?B), SD (S2B), SD (S2B), TN (S4), TX (S4), UT (SNA), VA (S4), VT (S5B), VT (S5B), WA (SNA), WI (S4B), WI (S4B), WV (S5B), WY (SNA), MB (S4B), MB (S4B), NB (SNA), NF (SNA), NS (SNA), ON (S4B), PE (SNA), QC (S4B), SK (S2B,S3N)

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SUMMARY OF PREDICTED HABITAT BY MANAGMENT AND GAP PROTECTION STATUS:

	l	JS FWS	S FWS US Fores		Tenn. Valley Author.		US DOD/ACOR	
	ha	%	ha	%	ha	%	ha	%
Status 1	46,510.3	< 1	10,936.2	< 1	0.0	0	0.0	C
Status 2	76,721.6	< 1	114,047.9	< 1	0.0	0	3,593.1	< 1
Status 3	2,003.5	< 1	772,013.4	2	47,847.9	< 1	257,314.1	< 1
Status 4	60.9	< 1	0.0	0	0.0	0	87.4	< 1
Total	125,296.3	< 1	896,997.5	3	47,847.9	< 1	260,994.6	< 1
	US Dept. of	Energy	US Nat. Park Service		NOAA		Other Federal Land	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	52,887.0	< 1	7.7	< 1	1,686.6	< 1
Status 2	0.0	0	5,645.5	< 1	2,757.4	< 1	13.4	< 1
Status 3	22,212.4	< 1	64,773.4	< 1	0.0	0	2,094.3	< 1
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	22,212.4	< 1	123,305.9	< 1	2,765.1	< 1	3,794.3	< 1
į	Native Am. Reserv.		State Park/Hist. Park		State WMA/Gameland		State Fores	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	790.9	< 1	52.5	< 1	0.0	C
Status 2	0.0	0	5,388.7	< 1	287,529.4	< 1	546.0	< 1
Status 3	13,102.4	< 1	157,134.3	< 1	112,634.7	< 1	67,422.3	< 1
Status 4	0.0	0	0.0	0	43,921.4	< 1	12.1	< 1
Total	13,102.4	<1	163,313.9	< 1	444,138.0	1	67,980.4	< 1
ĺ	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	6,310.9	< 1	0.0	0	0.0	C
Status 2	5,223.1	< 1	36,030.2	< 1	5.0	< 1	841.6	< 1
Status 3	0.0	0	4,658.1	< 1	8,044.5	< 1	27,245.9	< 1
Status 4	0.0	0	0.3	< 1	1,837.4	< 1	0.0	C
Total	5,223.1	< 1	46,999.5	< 1	9,886.9	<1	28,087.5	< 1
	Private Land - No Res.		Water				Overall Total	
	ha	%	ha	%			ha	%
Status 1	0.0	0	0.0	0			119,182.0	< 1
Status 2	0.0	0	0.0	0			538,342.9	2
Status 3	226.4	< 1	0.0	0			1,558,727.6	7
Status 4	32,608,766.3	91	35,995.6	< 1			32,734,541.8	92
Total	32,608,992.6	91	35,995.6	< 1			34,950,794.2	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.

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PREDICTED HABITAT MODEL(S):

Summer Model:

Habitat Description: Yellow-throated vireos breed in a variety of edge habitats in bottomland and upland mature deciduous and mixed deciduous forests (Rodewald and James 1996) with little undergrowth (Kaufman 1996). Suitable habitat includes forest edges of streams, rivers, swamps, roads, and open wooded habitats with tall deciduous trees, such as those found in parks, orchards, or small towns. They prefer mature forests such as oak-hickory, oak-gum-cypress, oak-pine, elm-ash-cottonwood, maple-beech-birch, maple-oakbasswood and maple basswood. They generally are not found in pure coniferous stands and do not breed in forest interiors unless there is openings (Rodewald and James 1996). Nests from mid-April to late July (peak mid-May to late June) in the mid-Atlantic region (Bushman and Therres 1988). Clutch size 3-5 (usually 4). Incubation 14-15 days, by both sexes. Young tended by both parents, leave nest at about 15 days. Fledglings are independent in about four weeks, but remain with parents until August (Terres 1980. Harrison 1975, James 1973, Bent 1950). Males establish territories before mating occurs (Nest information from NatureServe 2005). Amy Silvano 21apr05

> Ecosystem Classifiers: Mixed, Hardwoods, Mesic, Mesic Cove & Montane Forests, Glades (Woodlands only), Low Urban, Deciduous Plantation, Swamps, Floodplain/Riparian (excluding herb. Modifiers). Amy Silvano 21apr05

Elevation Mask: < 1000m

Mask of Forest/Open Ecotone: Include within 250m of ecotone edge.

Functional Group	Map Unit Name					
Anthropogenic	Deciduous Plantations					
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	Appalachian Hemlock-Hardwood Forest					
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 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 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	Ridge and Valley Calcareous Valley Bottom Glade and Woodland					
Forest/Woodland	South-Central Interior Mesophytic Forest					
Forest/Woodland	Southern and Central Appalachian Cove Forest					
Forest/Woodland	Southern and Central Appalachian Oak Forest					

bYTVI Page 3 of 5 Forest/Woodland Southern Appalachian Montane Pine Forest and Woodland 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 Southern Piedmont Dry Oak-Heath Forest - Virginia/Pitch Pine Modifier Forest/Woodland 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 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-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

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Wetlands

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