



SOUTHEAST GAP ANALYSIS PROJECT



Species Modeling Report

Warbling Vireo

Vireo gilvus

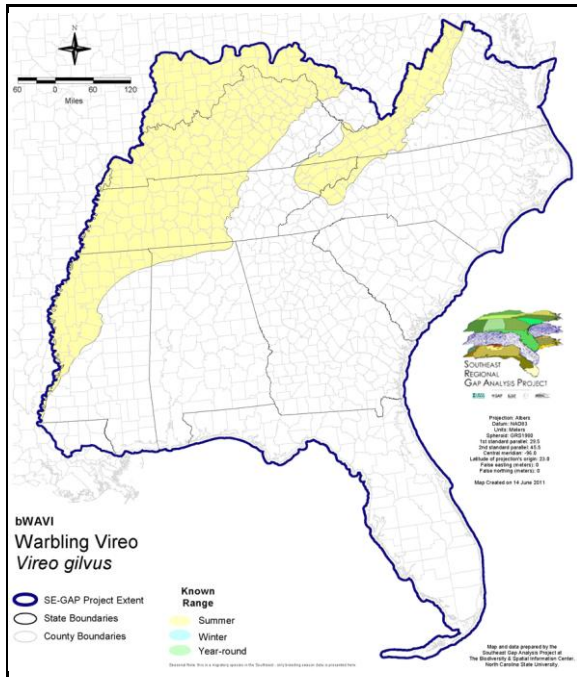
Taxa: Avian
 Order: Passeriformes
 Family: Vireonidae

SE-GAP Spp Code: **bWAVI**

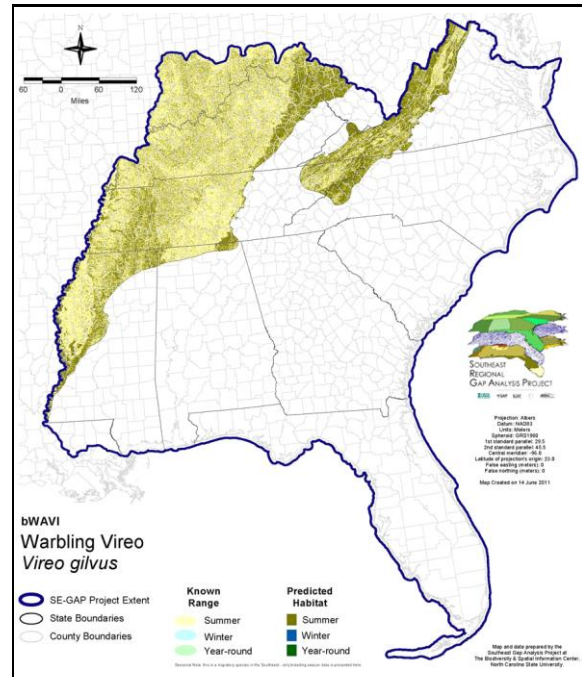
ITIS Species Code: 179023

NatureServe Element Code: ABPBW01210

KNOWN RANGE:



PREDICTED HABITAT:



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

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

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

Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/bWAVI_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

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

NS Global Rank: G5

NS State Rank: AK (S4B), AL (S1B), AR (S4B,S4N), AZ (S5), CA (S4), CO (S5B), CT (S5B), CT (S5B), DC (S1B,S1S2N), DE (S2B), FL (SNA), GA (SNRN), IA (S5B,S5N), ID (S5B), ID (S5B), IL (S5), IN (S4B), KS (S4B), KY (S5B), LA (S1B), MA (S5B), MD (S4B), ME (S4B), MI (S5), MN (SNRB), MO (SNRB), MS (S5B), MS (S5B), MT (S5B), MT (S5B), NC (S2B), NC (S2B), ND (SNRB), NE (S5), NH (S5B), NJ (S4B), NM (S4B,S5N), NV (S4B), NY (S5), OH (S5), OK (S4B), OR (S5), PA (S5B), RI (S3B), SC (SNA), SD (S5B), SD (S5B), TN (S4), TX (S3B), UT (S4B), VA (S4), VT (S5B), VT (S5B), WA (S5B), WA (S5B), WI (S4B), WI (S4B), WV (S4B), WY (S5B), WY (S5B), AB (S5), BC (S5B), MB (S5B), MB (S5B), NB (S4B), NF (SNA), NS (S1?B), NT (SNRB), ON (S5B), PE (SNA), 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	653.7	< 1	12,118.6	< 1	0.0	0	0.0	0
Status 2	41,275.4	< 1	198,827.4	2	0.0	0	699.3	< 1
Status 3	1,514.5	< 1	697,410.6	7	15,142.5	< 1	51,634.1	< 1
Status 4	23.6	< 1	0.0	0	0.0	0	0.0	0
Total	43,467.2	< 1	908,356.6	9	15,142.5	< 1	52,333.4	< 1
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	73,762.7	< 1	0.0	0	0.0	0
Status 2	0.0	0	103.3	< 1	0.0	0	0.0	0
Status 3	0.0	0	21,855.3	< 1	0.0	0	0.0	0
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	0.0	0	95,721.4	< 1	0.0	0	0.0	0
	Native Am. Reserv.		State Park/Hist. Park		State WMA/Gameland		State Forest	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	15.5	< 1	70.4	< 1	0.0	0
Status 2	0.0	0	0.0	0	127,825.5	1	0.0	0
Status 3	0.0	0	24,110.5	< 1	40,180.2	< 1	2,972.5	< 1
Status 4	0.0	0	0.0	0	2,863.7	< 1	0.0	0
Total	0.0	0	24,125.9	< 1	170,939.8	2	2,972.5	< 1
	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	6,692.8	< 1	0.0	0	0.0	0
Status 2	0.0	0	16,282.2	< 1	3.2	< 1	116.1	< 1
Status 3	0.0	0	776.5	< 1	778.0	< 1	8,660.2	< 1
Status 4	0.0	0	2.1	< 1	137.9	< 1	0.0	0
Total	0.0	0	23,753.5	< 1	919.1	< 1	8,776.3	< 1
	Private Land - No Res.		Water		Overall Total			
	ha	%	ha	%	ha	%		
Status 1	0.0	0	0.0	0	93,313.6	< 1		
Status 2	0.0	0	0.0	0	385,132.4	4		
Status 3	0.0	0	0.0	0	865,034.9	15		
Status 4	8,095,202.9	80	3,507.7	< 1	8,104,577.9	80		
Total	8,095,202.9	80	3,507.7	< 1	9,448,058.9	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: Warbling Vireo breeds in open mature deciduous and mixed woodlands, riparian forests, and thickets (Ehrlich et al. 1988). Does not occur in forests but rather where a river, stream, or large lake is lined by hardwoods (Hamel 1992, Turcotte & Watts 1999) such as willow, alder (Farrand 1983), sycamore, and balm-of-Gilead (Simpson 1992). In addition this species will also utilize human landscapes such as parks, gardens, orchards, farm fencerows, as well as deciduous patches in pine forests but rarely pure coniferous forests (Gardali & Ballard 2000). Warbling vireos show a strong association with open canopy mature deciduous mixed woodlots but are apparently indifferent to undergrowth density (Gardali & Ballard 2000). Amy Silvano 1jun05

Ecosystem Classifiers: Mixed & hardwood forests, Developed open space, decd. Plantations, depressional (treed only), lakeshores, Floodplain/Riparian Amy Silvano 1jun05

Elevation Mask: < 3200m

Hydrography Mask:

Utilizes flowing water features with buffer of 500m from selected water features.

Utilizes open water features with buffer of 500m from selected water features.

Utilizes wet vegetation features with buffer of unlimited into selected vegetation features.

Selected Map Units:

Functional Group	Map Unit Name
Anthropogenic	Deciduous Plantations
Anthropogenic	Developed Open Space
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	Appalachian Serpentine Woodland
Forest/Woodland	Central and Southern Appalachian Montane Oak Forest
Forest/Woodland	Central and Southern Appalachian Northern Hardwood Forest
Forest/Woodland	Central Appalachian Oak and Pine Forest
Forest/Woodland	Central Appalachian Pine-Oak Rocky Woodland
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	South-Central Interior Mesophytic Forest
Forest/Woodland	Southern and Central Appalachian Cove Forest
Forest/Woodland	Southern and Central Appalachian Oak Forest
Forest/Woodland	Southern and Central Appalachian Oak Forest - Xeric
Forest/Woodland	Southern Appalachian Montane Pine Forest and Woodland
Forest/Woodland	Southern Coastal Plain Dry Upland Hardwood Forest
Forest/Woodland	Southern Piedmont Dry Oak-Heath Forest - Virginia/Pitch Pine Modifier
Forest/Woodland	Southern Ridge and Valley Dry Calcareous Forest
Forest/Woodland	Southern Ridge and Valley Dry Calcareous Forest - Hardwood Modifier
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 Depression Pondshore
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	South-Central Interior Large Floodplain - Forest Modifier
Wetlands	South-Central Interior Small Stream and Riparian
Wetlands	Western Highland Rim Seepage Fen

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