

Species Modeling Report

Golden-winged Warbler

Vermivora chrysoptera

Taxa: Avian

Order: Passeriformes

Family: Parulidae

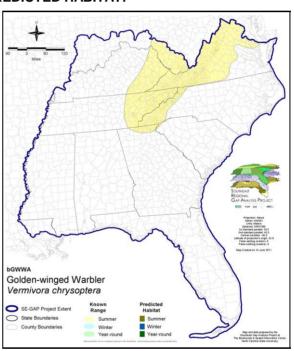
SE-GAP Spp Code: **bGWWA**

ITIS Species Code: 178852 NatureServe Element Code: ABPBX01030

KNOWN RANGE:

Golden-winged Warbler Vermivora chrysoptera

PREDICTED HABITAT:



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

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

Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/bGWWA_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: AR (W), CT (E), CT (E), GA (E), ID (P), IN (SE), KY (T), MA (E), NC (SC), NC (SC), NH (SC), NJ (SC/SC), NY (SC), OH (E), RI (State Historical), RI (State Historical), TN (D), VA (SC), VA (SC), WI (SC/M), ON (SC), QC (Susceptible)

NS Global Rank: G4

NS State Rank: AL (SNR), AR (S2N), AZ (SNA), CA (SNA), CO (SNA), CT (S2B), CT (S2B), DC (S3N), DE (SNA), FL (SNA), GA (S1), IA (S1N), ID (SNA), IL (S1S2), IN (S1B), KS (SNA), KY (S2B), LA (SNA), MA (S1B), MD (S3B), ME (SNA), MI (S5), MN (SNRB), MO (SNA), MO (SNA), MS (SNA), MT (SNA), NC (S3B), NC (S3B), ND (S3), NE (SNRN), NH (S2B), NJ (S3B,S3N), NM (SNA), NY (S4), OH (S1), OK (SU), OR (SNA), PA (S4B), RI (SXB,S2N), RI (SXB,S2N), SC (SNA), SC (SNA), SD (SNA), TN (S3B), TX (S3), VA (S3B), VA (S3B), VT (S2S3B), VT (S2S3B), WA (SNA), WI (S4B), WV (S2B), WY (SNA), AB (SNA), MB (S3B), MB (S3B), NB (SNA), NF (SNA), NS (SNA), ON (S4B), QC (S2S3B), SK (SNA), SK (SNA)

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SUMMARY OF PREDICTED HABITAT BY MANAGMENT AND GAP PROTECTION STATUS:

	ι	S FWS US Fores		Service	Tenn. Valley	Author.	US DOD/ACOE		
	ha	%	ha	%	ha	%	ha	%	
Status 1	0.0	0	1,764.1	< 1	0.0	0	0.0	0	
Status 2	0.0	0	8,071.7	1	0.0	0	0.0	0	
Status 3	0.0	0	35,659.1	7	1,924.2	< 1	675.3	< 1	
Status 4	2.8	< 1	0.0	0	0.0	0	0.0	0	
Total	2.8	<1	45,494.8	8	1,924.2	< 1	675.3	< 1	
	US Dept. of	Energy	US Nat. Park	Service		NOAA	Other Federa	l Lands	
	ha	%	ha	%	ha	%	ha	%	
Status 1	0.0	0	9,060.8	2	0.0	0	0.0	0	
Status 2	0.0	0	190.2	< 1	0.0	0	0.0	0	
Status 3	126.1	< 1	3,702.2	< 1	0.0	0	0.0	0	
Status 4	0.0	0	0.0	0	0.0	0	0.0	0	
Total	126.1	< 1	12,953.1	2	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	0.0	0	0.0	0	0.0	0	
Status 2	0.0	0	2.6	< 1	2,773.1	< 1	15.3	< 1	
Status 3	921.4	< 1	826.8	< 1	656.7	< 1	323.8	< 1	
Status 4	0.0	0	0.0	0	149.0	< 1	0.0	0	
Total	921.4	< 1	829.4	< 1	3,578.8	< 1	339.1	< 1	
	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.		
	ha	%	ha	%	ha	%	ha	%	
Status 1	0.0	0	161.3	< 1	0.0	0	0.0	0	
Status 2	0.0	0	293.3	< 1	0.0	0	0.0	0	
Status 3	0.0	0	0.0	0	16.6	< 1	0.0	0	
Status 4	0.0	0	0.0	0	67.9	< 1	0.0	0	
Total	0.0	0	454.6	< 1	84.4	< 1	0.0	0	
	Private Land - N	Private Land - No Res.		Water				Overall Total	
	ha	%	ha	%			ha	%	
Status 1	0.0	0	0.0	0			10,986.1	2	
Status 2	0.0	0	0.0	0			11,346.1	2	
Status 3	0.0	0	0.0	0			44,832.2	15	
Status 4	437,459.9	81	112.1	< 1			437,937.8	81	
Total	437,459.9	81	112.1	< 1			505,102.2	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: Golden-wings inihabit deciduous woodland, usually in dry uplands or areas of thick undergrowth in swampy areas; woodland edge with low cover; hillside scrub; overgrown pastures; abandoned farmland; powerline right-of-ways; recently logged sites; bogs; forest openings; territories usually have patches of herbs and shrubs, sparse tree cover, and a wooded perimeter (Confer 1992, in NatureServe 2005). Dunn and Garrett (1997) state that Golden-winged warblers prefer the 'early stage of successional growth.' Curson (1994) lists 'pastures that are reverting to woodland, in brushy fields, openings in deciduous woods and shrubby borders of streams.' Both Potter et al (1980) and Dunn and Garrett (1997) list powerline right-of-ways as breeding areas, but Dunn and Garrett go on to record 'wet fields with clumps of shrubs, swamp edges, and young stands of oak-hickory' as potential breeding sites. Confer (1992) identified the species as ustilizing forested edges and shrubby fields as well as marshes and bogs with a forested edge for nesting. Amy Silvano 6jun05

> Ecosystem classifiers: Xeric woodlands, Mixed, Hardwood, Mesic, Cove, & Montane forests, Glade woodlands, Disturbed, Plantation, Ag, Swamps, Shrub/scrub, Riparian (exclude herbaceous mods). Amy Silvano 6jun05

***Some sections quoted from NC-GAP and NatureServe compiled notes

Elevation Mask: > 300m and < 1500m

Mask of Forest/Open Ecotone: Include within 15m of ecotone edge.

Mask of Woodlands and Shrublands: Include all woodland and shrubland interiors and 15m buffer from them.

Functional Group	Map Unit Name					
Anthropogenic	Deciduous Plantations					
Anthropogenic	Developed Open Space					
Anthropogenic	Pasture/Hay					
Anthropogenic	Successional Grassland/Herbaceous					
Anthropogenic	Successional Grassland/Herbaceous (Other)					
Anthropogenic	Successional Grassland/Herbaceous (Utility Swath)					
Anthropogenic	Successional Shrub/Scrub (Clear Cut)					
Anthropogenic	Successional Shrub/Scrub (Other)					
Anthropogenic	Successional Shrub/Scrub (Utility Swath)					
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	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest					
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	Central Appalachian Pine-Oak Rocky Woodland					
Forest/Woodland	Northeastern Interior Dry Oak Forest - Mixed Modifier					
Forest/Woodland	Northeastern Interior Dry Oak Forest-Hardwood Modifier					
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					
Forest/Woodland	Southern and Central Appalachian Oak Forest - Xeric					
Forest/Woodland	Southern Appalachian Montane Pine Forest and Woodland					
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

Forest/Woodland
Southern Piedmont Dry Oak-Heath Forest - Virginia/Pitch Pine Modifier

Forest/Woodland Southern Piedmont Mafic Hardpan Woodland

Forest/Woodland Southern Piedmont Mesic Forest

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

Wetlands Atlantic Coastal Plain Brownwater Stream Floodplain Forest
Wetlands Atlantic Coastal Plain Small Brownwater River Floodplain Forest

Wetlands Central Appalachian Floodplain - Forest Modifier
Wetlands Central Appalachian Riparian - Forest Modifier

Wetlands Central Interior Highlands and Appalachian Sinkhole and Depression Pond

Wetlands North-Central Appalachian Acidic Swamp

Wetlands North-Central Appalachian Seepage Fen

Wetlands North-Central Interior and Appalachian Rich Swamp

Wetlands
South-Central Interior Small Stream and Riparian
Wetlands
South-Central Interior Small Stream and Riparian
Wetlands
Southern and Central Appalachian Bog and Fen

Wetlands Southern Piedmont Large Floodplain Forest - Forest Modifier
Wetlands Southern Piedmont Small Floodplain and Riparian Forest

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