





# Swainson's Warbler

Limnothlypis swainsonii

Taxa: Avian

Order: Passeriformes

Family: Parulidae

# SE-GAP Spp Code: **bSWWA**

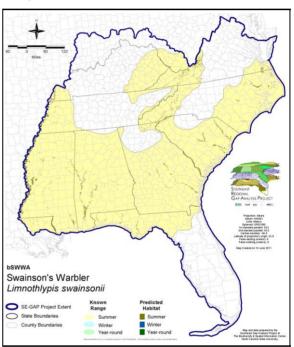
ITIS Species Code: 178848

NatureServe Element Code: ABPBX09010

### **KNOWN RANGE:**

# BSWWA Swainson's Warbler Limnothlypis swainsonii SE-GAP Project Extent State Boundaries Courtly Boundaries Courtly Boundaries Courtly Boundaries Summer Veer-ound

# PREDICTED HABITAT:



Range Map Link: <a href="http://www.basic.ncsu.edu/segap/datazip/maps/SE\_Range\_bSWWA.pdf">http://www.basic.ncsu.edu/segap/datazip/maps/SE\_Range\_bSWWA.pdf</a>

Predicted Habitat Map Link: <a href="http://www.basic.ncsu.edu/segap/datazip/maps/SE">http://www.basic.ncsu.edu/segap/datazip/maps/SE</a> Dist bSWWA.pdf
GAP Online Tool Link: <a href="http://www.gapserve.ncsu.edu/segap/segap/index2.php?species=bSWWA">http://www.gapserve.ncsu.edu/segap/segap/index2.php?species=bSWWA</a>

Data Download: <a href="http://www.basic.ncsu.edu/segap/datazip/region/vert/bSWWA\_se00.zip">http://www.basic.ncsu.edu/segap/datazip/region/vert/bSWWA\_se00.zip</a>

# **PROTECTION STATUS:**

Reported on March 14, 2011

Federal Status: ---

State Status: DE (E), IL (LE), KY (N), MD (E), MO (E), NC (W2,W5), NC (W2,W5), NY (PB), TN (D), VA (SC), VA (SC), QC

(Non suivie)

NS Global Rank: G4

NS State Rank: AL (S3B), AR (S3B), AZ (SNA), DE (SHB), FL (SNRB), GA (S3), IL (S1), IN (SNA), KS (SNA), KY (S3S4B), LA (S4B), MD (S1B), MI (SNA), MO (S2), MS (S3S4B), MS (S3S4B), NC (S3B), NC (S3B), NE (SNA), NJ (SNR), NM (SNA), NY (SNA), OK (S1B), PA (SNA), SC (S4), TN (S3), TX (S3B), VA (S2B), VA (S2B), WV (S3B), NS (SNA), ON (SNA), QC (SNA)

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# SUMMARY OF PREDICTED HABITAT BY MANAGMENT AND GAP PROTECTION STATUS:

	ι	JS FWS	US Forest Service Tenn. Valley Author.		Author.	US DOD/ACOE		
	ha	%	ha	%	ha	%	ha	%
Status 1	25,777.1	2	3,436.5	< 1	0.0	0	0.0	0
Status 2	36,274.0	3	14,417.6	1	0.0	0	0.0	0
Status 3	0.0	0	100,976.9	9	3.9	< 1	4,116.4	< 1
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	62,051.0	6	118,831.0	11	3.9	< 1	4,116.4	< 1
1	US Dept. of	Energy	US Nat. Park	Service		NOAA	Other Federa	eral Lands
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	10,898.1	< 1	0.0	0	0.0	0
Status 2	0.0	0	0.0	0	181.7	< 1	0.0	0
Status 3	3,515.0	< 1	1,169.8	< 1	0.0	0	0.0	0
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	3,515.0	< 1	12,067.9	1	181.7	< 1	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	1,979.8	< 1	66,547.4	6	6.1	< 1
Status 3	725.2	< 1	26,582.2	2	20,288.3	2	1,742.5	< 1
Status 4	0.0	0	0.0	0	2,176.4	< 1	0.0	0
Total	725.2	< 1	28,562.0	3	89,012.0	8	1,748.6	< 1
	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	451.2	< 1	0.0	0	0.0	0
Status 2	1,351.4	< 1	9,929.9	< 1	0.0	0	0.0	0
Status 3	0.0	0	0.0	0	472.1	< 1	5,243.3	< 1
Status 4	0.0	0	0.0	0	10.1	< 1	0.0	0
Total	1,351.4	< 1	10,381.1	< 1	482.1	< 1	5,243.3	< 1
· · · · · · · · · · · · · · · · · · ·	Private Land - I	No Res.		Water			Overa	ıll Total
	ha	%	ha	%			ha	%
Status 1	0.0	0	0.0	0			40,562.8	4
Status 2	0.0	0	0.0	0			130,687.7	12
Status 3	303.1	< 1	0.0	0			165,138.7	24
Status 4	661,250.7	60	713.1	< 1			666,326.6	60
Total	661,553.8	60	713.1	<1			1,002,715.8	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: Swainson's warbler favor damp bottomland hardwoods (Brown & Dickson 1994). These conditions are met in the floodplain and swamp forests of the Atlantic and Gulf Coastal Plains, and in some moist forests of the southern Appalachians. On the coastal plains, this warbler occurs in the shadiest parts of the forest, with dense upper canopy, lower canopy and shrubs, and little herbaceous cover. The shrub stratum is often nearly monospecific stands of giant cane, ARUNDINARIA GIGANTEA (floodplain forest), sweet pepperbush or fetterbush (swamps at the northern end of range such as the Great Dismal Swamp in Virginia, and Pocomoke Swamp in Maryland and Virginia, and headwater swamps of the Atlantic Coastal Plain), or scrub palmetto (bottomlands). In general it occupies river floodplain forests dominated by a hackberry-swamp chestnut oak elm assocaition on the upper coastal plain or a laurel oak-sweetgumhackberry association on the lower coastal plain (Barry et al 1995). In the mountains, this species occurs in moist lower slopes of mountain ravines in hardwood or mixed forests (Hamel 1992) with a shrub layer of rhododendron (Bent 1953, Meanley 1971, Hooper and Hamel 1979) or mountain laurel tangles (Hamel 1992). Within the Appalachians, Brown & Dickson (1994), associate the Swainson's warbler with two habitat types, rhododdendron-mountain laurel-eastern hemlock-american holly community types and mature mountain cove hardwoods including yellow poplar, oak, and maple associations. Amy Silvano 16may05

> Ecosystem Classifiers: Harwood, Mixed, & Mesic Forests (In Mountians, & Northern CP Only), Cove Forests, Swamps, Depressional (Swamp or Shrub-Tree dominated), Floodplain/Riparian - (Within CP, Floodplain excluding blackwater & herb mods). Amy Silvano 16may05

Elevation Mask: < 1200m Hydrography Mask: Freshwater Only

Utilizes flowing water features with buffer of 250m from selected water features.

Utilizes open water features with buffer of 250m from selected water features.

Contibilities Procedure that the start of \$250m from and unlimited into selected vegetation features.

Functional Group	Map Unit Name					
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 Mesic Hardwood and Mixed 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 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	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 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 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 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 Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier Wetlands Atlantic Coastal Plain Northern Basin Peat Swamp Wetlands Atlantic Coastal Plain Northern Basin Swamp and Wet Hardwood 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 Interior Shrub Bog 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 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 Coastal Plain Nonriverine Basin Swamp Wetlands Southern Coastal Plain Seepage Swamp and Baygall Wetlands Southern Piedmont Large Floodplain Forest - Forest Modifier

# **CITATIONS:**

Wetlands

Wetlands

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Southern Piedmont Small Floodplain and Riparian Forest

Southern Piedmont/Ridge and Valley Upland Depression Swamp

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For more information::

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