



SOUTHEAST GAP ANALYSIS PROJECT



Species Modeling Report

Cerulean Warbler

Dendroica cerulea

Taxa: Avian

Order: Passeriformes

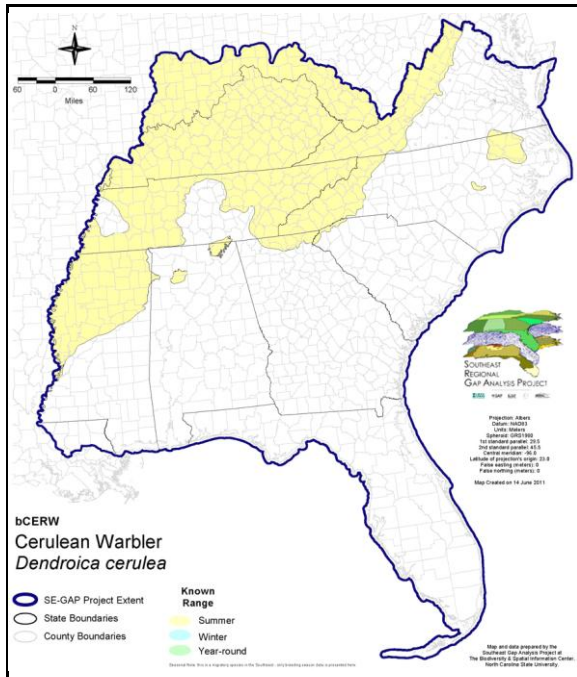
Family: Parulidae

SE-GAP Spp Code: **bCERW**

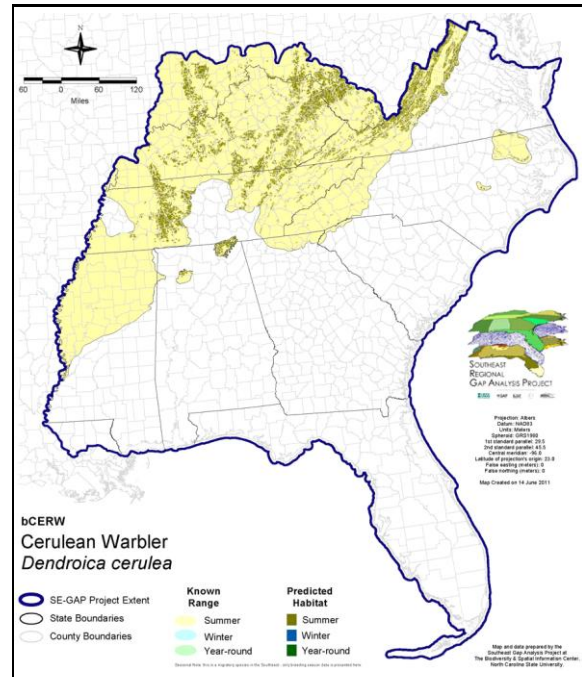
ITIS Species Code: 178903

NatureServe Element Code: ABPBX03240

KNOWN RANGE:



PREDICTED HABITAT:



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

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

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

Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/bCERW_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: DE (E), GA (R), IL (LT), IN (SE), KS (C), KY (N), MA (- WL), MI (T), MN (SPC), NC (SC), NC (SC), NH (SC), NJ (S/S), NY (SC), OH (SC), RI (State Endangered), TN (D), WI (THR), WI (THR), ON (SC), QC (Susceptible)

NS Global Rank: G4

NS State Rank: AL (S1B), AR (S4B), AZ (SNA), CA (SNA), CO (SNA), CT (S3B), CT (S3B), DC (S2N), DE (S1B), FL (SNA), GA (S1), IA (S2B,S3N), IL (S3), IN (S3B), KS (S1B), KY (S4S5B), LA (S1B), MA (S1B,S2M), MD (S3S4B), ME (SNA), MI (S3), MN (S3B), MO (S2S3), MS (S2B), MS (S2B), NC (S2B), NC (S2B), ND (SNA), NE (S1), NH (S3B), NJ (S3B,S3N), NM (SNA), NY (S4B), OH (S4), OK (S2B), PA (S4B), RI (S1B,S2N), SC (S1?B), SD (S1B), SD (S1B), TN (S3B), TX (SHB,S3N), TX (SHB,S3N), VA (S3S4B), VA (S3S4B), VT (S1B), VT (S1B), WI (S2S3B), WI (S2S3B), WV (S4B), MB (SNA), NB (SNA), NF (SNA), NS (SNA), ON (S3B), QC (S2B)

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	4,192.3	< 1	303.6	< 1	0.0	0	0.0	0
Status 2	2,171.3	< 1	106,549.2	3	0.0	0	0.0	0
Status 3	9.2	< 1	365,750.6	10	1,664.5	< 1	9,920.3	< 1
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	6,372.7	< 1	472,603.4	13	1,664.5	< 1	9,920.3	< 1
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	59,601.2	2	0.0	0	0.0	0
Status 2	0.0	0	3,695.0	< 1	0.0	0	0.0	0
Status 3	951.4	< 1	7,245.4	< 1	0.0	0	0.0	0
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	951.4	< 1	70,541.6	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	43.7	< 1	0.0	0
Status 2	0.0	0	0.0	0	80,574.5	2	161.0	< 1
Status 3	0.0	0	8,807.1	< 1	13,798.6	< 1	7,161.9	< 1
Status 4	0.0	0	0.0	0	2,672.9	< 1	0.0	0
Total	0.0	0	8,807.1	< 1	97,089.7	3	7,322.9	< 1
	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	5,853.0	< 1	0.0	0	0.0	0
Status 2	0.0	0	4,347.3	< 1	0.0	0	355.1	< 1
Status 3	0.0	0	651.5	< 1	272.6	< 1	0.0	0
Status 4	0.0	0	2.0	< 1	4.1	< 1	0.0	0
Total	0.0	0	10,853.7	< 1	276.7	< 1	355.1	< 1
	Private Land - No Res.		Water		Overall Total			
	ha	%	ha	%	ha		%	
Status 1	0.0	0	0.0	0	69,993.7		2	
Status 2	0.0	0	0.0	0	197,853.3		5	
Status 3	0.0	0	0.0	0	416,233.1		21	
Status 4	2,637,368.9	71	18.5	< 1	2,642,739.3		72	
Total	2,637,368.9	71	18.5	< 1	3,326,819.4		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: Minimum Tract size 1750 acres (Hamel 1992 & Hunter 1990). Generally avoids elevations above 3500 feet (Hunter 1990). Canopy Cover between 65% and 85% (Robbins et al. 1989, TNC). Amy Silvano 13 Dec 04

Hydrography Mask:

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

Contiguous Patch Minimum Size (hectares): 700

Selected Map Units:

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	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 Northern Hardwood 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	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 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-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	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier
Wetlands	Atlantic Coastal Plain Brownwater Stream Floodplain Forest
Wetlands	Atlantic Coastal Plain Small Blackwater River Floodplain Forest
Wetlands	Atlantic Coastal Plain Small Brownwater River Floodplain Forest

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