



SOUTHEAST GAP ANALYSIS PROJECT



Species Modeling Report

Cedar Waxwing

Bombycilla cedrorum

Taxa: Avian

Order: Passeriformes

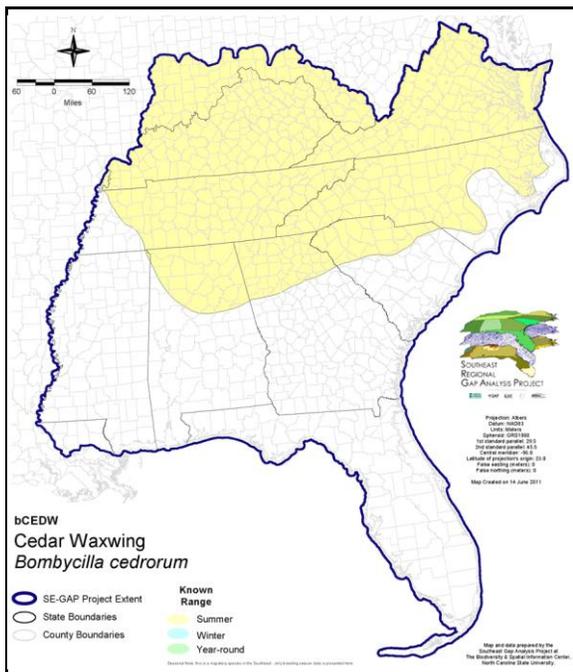
Family: Bombycillidae

SE-GAP Spp Code: **bCEDW**

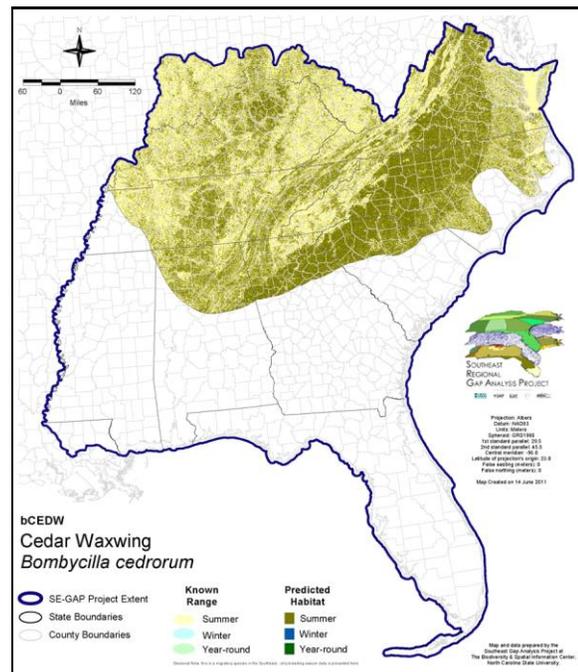
ITIS Species Code: 178532

NatureServe Element Code: ABPBN01020

KNOWN RANGE:



PREDICTED HABITAT:



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

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

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

Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/bCEDW_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: ID (P), KY (N), KY (N), 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 (S3B), AK (S3B), AL (S2B,S5N), AR (S1B,S5N), AZ (S3S4N), CA (S4), CO (S4B,S5N), CT (S5B), CT (S5B), DC (S1S2B,S4N), DE (S4), FL (SNRN), GA (S5), IA (S5B,S5N), ID (S5B,S3N), IL (S5), IN (S4), KS (S2B), KS (S2B), KY (S4B), KY (S4B), LA (S5N), MA (S5), MD (S5B,S5N), ME (S3S4N,S5B), MI (S5), MN (SNRB,SNRN), MO (SNRB,SNRN), MS (SNA), MS (SNA), MT (S5B), MT (S5B), NC (S4B,S5N), ND (SNRB,SNRN), NE (SNRN), NH (S5), NJ (S4B,S4N), NM (S5N), NV (S2B,S4N), NY (S5), OH (S5), OK (SU), OR (S5), PA (S5), RI (S5B), SD (S5B,S3N), TN (S4), TX (S5), UT (S3B,S4N), VA (S4), VT (S5B,S5N), WA (S2S4N), WI (S5B), WI (S5B), WV (S4N,S5B), WY (S4B), WY (S4B), AB (S5), BC (S5B), LB (S2B), MB (S5B), MB (S5B), NB (S5B), NF (S4B), NS (S5B), NT (SNA), ON (S5B), ON (S5B), PE (S5B), QC (S5B), SK (S5B), SK (S5B), YT (S4B)

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	9,633.4	< 1	2,780.9	< 1	0.0	0	0.0	0
Status 2	34,532.0	< 1	34,291.3	< 1	0.0	0	3,697.7	< 1
Status 3	443.8	< 1	260,639.5	1	41,189.5	< 1	161,871.7	< 1
Status 4	51.9	< 1	0.0	0	0.0	0	202.7	< 1
Total	44,661.2	< 1	297,711.6	1	41,189.5	< 1	165,772.0	< 1
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	20,218.4	< 1	0.0	0	0.0	0
Status 2	0.0	0	1,146.2	< 1	101.5	< 1	0.0	0
Status 3	4,549.1	< 1	44,060.2	< 1	0.0	0	2,594.6	< 1
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	4,549.1	< 1	65,424.8	< 1	101.5	< 1	2,594.6	< 1
	Native Am. Reserv.		State Park/Hist. Park		State WMA/Gameland		State Forest	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	161.0	< 1	7.9	< 1	0.0	0
Status 2	0.0	0	1,592.8	< 1	89,086.3	< 1	98.2	< 1
Status 3	2,908.6	< 1	43,546.3	< 1	64,893.5	< 1	34,150.9	< 1
Status 4	0.0	0	0.0	0	15,640.8	< 1	0.0	0
Total	2,908.6	< 1	45,300.2	< 1	169,628.6	< 1	34,249.1	< 1
	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	1,275.7	< 1	0.0	0	0.0	0
Status 2	2,118.1	< 1	11,377.8	< 1	4.4	< 1	394.3	< 1
Status 3	0.0	0	1,177.7	< 1	2,182.5	< 1	2,855.7	< 1
Status 4	0.0	0	0.0	0	463.2	< 1	0.0	0
Total	2,118.1	< 1	13,831.2	< 1	2,650.1	< 1	3,250.0	< 1
	Private Land - No Res.		Water		Overall Total			
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	0.0	0	34,077.3		< 1	
Status 2	0.0	0	0.0	0	178,440.5		< 1	
Status 3	0.0	0	0.0	0	667,063.6		4	
Status 4	24,245,346.7	95	11,094.3	< 1	24,288,388.6		96	
Total	24,245,346.7	95	11,094.3	< 1	25,167,970.0		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: Nests in open woodland and old field habitats with numerous shrubs and small trees, avoiding forest interior. Frequently nests in riparian areas that provide nesting shrubs and trees, fruits, and emerging aquatic insects. Habitats includes various woodlands-deciduous, coniferous and mixed-especially open forests and riparian areas of deserts and grasslands, as well as farms, orchards, conifer plantations and suburban gardens. M. Rubino, 07jan05.

Mask of Forest Interior Avoidance: Exclude forest interiors with 250m buffer into them.

Selected Map Units:

Functional Group	Map Unit Name
Anthropogenic	Deciduous Plantations
Anthropogenic	Developed Open Space
Anthropogenic	Evergreen Plantations
Anthropogenic	Low Intensity Developed
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	Alabama Ketona Glade and Woodland
Forest/Woodland	Allegheny-Cumberland Dry Oak Forest and Woodland - Pine Modifier
Forest/Woodland	Appalachian Hemlock-Hardwood Forest
Forest/Woodland	Appalachian Serpentine Woodland
Forest/Woodland	Appalachian Shale Barrens
Forest/Woodland	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier
Forest/Woodland	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier
Forest/Woodland	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier
Forest/Woodland	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier
Forest/Woodland	Atlantic Coastal Plain Northern Maritime Forest
Forest/Woodland	Atlantic Coastal Plain Upland Longleaf Pine Woodland
Forest/Woodland	Central and Southern Appalachian Spruce-Fir 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	Central Interior Highlands Calcareous Glade and Barrens
Forest/Woodland	Central Interior Highlands Dry Acidic Glade and Barrens
Forest/Woodland	Cumberland Sandstone Glade and Barrens
Forest/Woodland	East Gulf Coastal Plain Northern Dry Upland Hardwood Forest - Offsite Pine Modifier
Forest/Woodland	Nashville Basin Limestone Glade
Forest/Woodland	Northeastern Interior Dry Oak Forest - Virginia/Pitch Pine Modifier
Forest/Woodland	Ridge and Valley Calcareous Valley Bottom Glade and Woodland
Forest/Woodland	Southeastern Interior Longleaf Pine Woodland
Forest/Woodland	Southern and Central Appalachian Mafic Glade and Barrens
Forest/Woodland	Southern Appalachian Low Mountain Pine Forest
Forest/Woodland	Southern Appalachian Montane Pine Forest and Woodland
Forest/Woodland	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier
Forest/Woodland	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier
Forest/Woodland	Southern Piedmont Dry Oak-Heath Forest - Virginia/Pitch Pine Modifier
Forest/Woodland	Southern Piedmont Glade and Barrens
Forest/Woodland	Southern Piedmont Mafic Hardpan Woodland
Forest/Woodland	Southern Piedmont Mesic Forest
Forest/Woodland	Southern Ridge and Valley Dry Calcareous Forest - Pine Modifier

Prairie	Bluegrass Basin Savanna and Woodland
Prairie	Eastern Highland Rim Prairie and Barrens
Prairie	Eastern Highland Rim Prairie and Barrens - Dry Modifier
Prairie	Southern Ridge and Valley Patch Prairie
Prairie	Western Highland Rim Prairie and Barrens
Wetlands	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier
Wetlands	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Herbaceous 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
Wetlands	Central Appalachian Floodplain - Forest Modifier
Wetlands	Central Appalachian Floodplain - Herbaceous Modifier
Wetlands	Central Appalachian Riparian - Forest Modifier
Wetlands	Central Appalachian Riparian - Herbaceous Modifier
Wetlands	North-Central Appalachian Seepage Fen
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 and Central Appalachian Bog and Fen
Wetlands	Southern Appalachian Seepage Wetland
Wetlands	Southern Coastal Plain Blackwater River Floodplain Forest
Wetlands	Southern Piedmont Large Floodplain Forest - Forest Modifier
Wetlands	Southern Piedmont Large Floodplain Forest - Herbaceous Modifier
Wetlands	Southern Piedmont Small Floodplain and Riparian Forest

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