





Species Modeling Report

Black Vulture

Coragyps atratus

Taxa: Avian

Order: Falconiformes

Family: Cathartidae

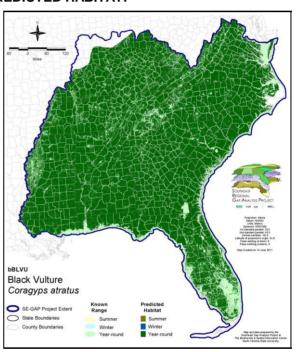
SE-GAP Spp Code: **bBLVU** ITIS Species Code: 175272

NatureServe Element Code: ABNKA01010

KNOWN RANGE:

Black Vulture Coragyps atratus

PREDICTED HABITAT:



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

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

Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/bBLVU_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: KY (N), NJ (INC/S), NY (PB), OH (SC), RI (Not Listed), BC (8 (2005)), QC (Non suivie)

NS Global Rank: G5

NS State Rank: AL (S4B), AR (S4), AZ (S1S2), CT (SNA), DC (S1), DE (S2B), FL (SNR), GA (S5), IL (S3), IN (S1N,S2B), KS (SNA), KY (S4B,S3S4N), LA (S5), MA (S1B,S2N), MD (S4B,S4N), ME (SNA), MI (SNA), MO (S3), MS (S4B), NC (S4), NH (SNA), NJ (S5B,S5N), NM (SNA), NY (SNRN), OH (S2), OK (S2B), PA (S4B), RI (SNR), SC (SNR), TN (S4B), TX (S5B), VA (S4), VT (SNA), WI (SNA), WV (S3B,S4N), BC (SNA), LB (SNA), NB (SNA), NS (SNA), ON (SNA), PE (SNA), QC (SNA), SK (SNA), YT (SNA)

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SUMMARY OF PREDICTED HABITAT BY MANAGMENT AND GAP PROTECTION STATUS:

	ι	JS FWS	US Forest	Service	Tenn. Valley Author.		US DOD/ACOE		
	ha	%	ha	%	ha	%	ha	%	
Status 1	140,226.1	< 1	25,358.3	< 1	0.0	0	0.0	0	
Status 2	265,753.5	< 1	282,588.1	< 1	0.0	0	6,042.6	< 1	
Status 3	4,333.3	< 1	2,364,999.2	2	83,668.1	< 1	870,583.7	< 1	
Status 4	120.1	< 1	< 0.1	< 1	0.0	0	152.4	< 1	
Total	410,433.0	< 1	2,672,945.7	3	83,668.1	<1	876,778.7	< 1	
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands		
	ha	%	ha	%	ha	%	ha	%	
Status 1	0.0	0	369,308.2	< 1	734.8	< 1	16,556.6	< 1	
Status 2	0.0	0	25,093.5	< 1	36,235.9	< 1	101.2	< 1	
Status 3	87,649.9	< 1	366,761.3	< 1	0.0	0	6,999.1	< 1	
Status 4	0.0	0	0.0	4	0.0	0	0.0	0	
Total	87,649.9	< 1	761,163.4	< 1	36,970.7	< 1	23,656.9	< 1	
	Native Am.	Native Am. Reserv.		State Park/Hist. Park		meland	State Forest		
	ha	%	ha	%	ha	%	ha	%	
Status 1	0.0	0	1,636.5	< 1	81.6	< 1	0.0	0	
Status 2	0.0	0	12,288.5	< 1	885,315.6	< 1	1,045.9	< 1	
Status 3	22,838.9	< 1	766,226.2	< 1	263,270.3	< 1	462,129.3	< 1	
Status 4	0.0	0	< 0.1	< 1	142,115.0	< 1	49.1	< 1	
Total	22,838.9	< 1	780,151.2	< 1	1,290,782.4	1	463,224.2	< 1	
	State Coastal F	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.	
	ha	%	ha	%	ha	%	ha	%	
Status 1	0.0	0	13,357.5	< 1	0.0	0	0.0	0	
Status 2	23,821.8	< 1	98,371.9	< 1	7.0	< 1	4,254.8	< 1	
Status 3	0.0	0	30,357.1	< 1	40,995.4	< 1	174,539.1	< 1	
Status 4	0.0	0	1.0	< 1	5,647.2	< 1	< 0.1	< 1	
Total	23,821.8	< 1	142,087.5	< 1	46,649.6	< 1	178,793.9	< 1	
	Private Land - No Res.		Water				Overa	ıll Total	
	ha	%	ha	%			ha	%	
Status 1	0.0	0	0.0	0			567,259.6	< 1	
Status 2	0.0	0	0.0	9			1,640,920.4	2	
Status 3	1,194.7	< 1	1.2	< 1			5,546,546.6	8	
Status 4	88,866,532.4	89	101,164.0	< 1			89,257,776.6	90	
Total	88,867,727.0	89	101,165.2	< 1			97,012,503.2	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):

Year-round Model:

Habitat Description:

Black vultures search for and feed on carrion more in open habitat types including urban areas (palmer 1988). They breed in dense in dense woodlands and do not build a nest but lay eggs in sheltered and dark areas of woodlands (Palmer 1988, Buckley 1999), and potentially far from human traffic (NC-citation needed).

More specifically, they are common at lower elevations and they are absent from or rare in mountains (Hamel 1992). They are especially common in remote, swampy areas and particularly wooded farmlands(NC). They do feed in urban habitats as well.

Nest site requirements reported by Nicholson (1997) lists laying sites as having included: dead trees and stumps, crevices among rocks on the ground, under rock ledges, in caves. They can nest in thickets in vegetation (Hamel 1992) and sometimes in abandoned buildings (Kaufman 1996).

Regarding spatial habitat characteristics, in southern Pennsylvania and northern Maryland the mean home range was 14,881 ha (using the convex polygon). The summer home range was 15,962 ha, the winter home range was 7,729 ha, and the breeding home range was 15,374 ha (Coleman & Fraser 1989).

Quoted directly from existing state habitat notes - K. Cook, 9Feb05

Elevation Mask: < 1300m

Brackish Tidal Marsh & Wetland

Mask of Forest/Open Ecotone: Include within 500m of ecotone edge.

Mask of Woodlands and Shrublands: Include all woodland and shrubland interiors and 500m buffer from them.

Functional Group	Map Unit Name				
Anthropogenic	Bare Sand				
Anthropogenic	Bare Soil				
Anthropogenic	Deciduous Plantations				
Anthropogenic	Developed Open Space				
Anthropogenic	Evergreen Plantations				
Anthropogenic	Low Intensity Developed				
Anthropogenic	Pasture/Hay				
Anthropogenic	Quarry/Strip Mine/Gravel Pit				
Anthropogenic	Row Crop				
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)				
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh				
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh				
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Indian River Lagoon Tidal Marsh				
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Northern Sea-Level Fen				
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Northern Tidal Salt Marsh				
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Northern Tidal Wooded Swamp				
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Southern Tidal Wooded Swamp				
Brackish Tidal Marsh & Wetland	East Gulf Coastal Plain Tidal Wooded Swamp				
Brackish Tidal Marsh & Wetland	Florida Big Bend Salt-Brackish Tidal Marsh				
Brackish Tidal Marsh & Wetland	Mississippi Sound Salt and Brackish Tidal Marsh				
Brackish Tidal Marsh & Wetland	South Florida Everglades Sawgrass Marsh				
Brackish Tidal Marsh & Wetland	South Florida Mangrove Swamp				
Brackish Tidal Marsh & Wetland	Southwest Florida Perched Barriers Salt Swamp and Lagoon - Mangrove Modifier				

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Southwest Florida Perched Barriers Salt Swamp and Lagoon - Marsh Modifier

Forest/Woodland Alabama Ketona Glade and Woodland

Forest/Woodland Allegheny-Cumberland Dry Oak Forest and Woodland

Forest/Woodland Allegheny-Cumberland Dry Oak Forest and Woodland - Hardwood Modifier
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 Dry and Dry-Mesic Oak Forest

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 Mesic Hardwood and Mixed Forest
Forest/Woodland Atlantic Coastal Plain Northern Mixed Oak-Heath Forest
Forest/Woodland Atlantic Coastal Plain Upland Longleaf Pine Woodland
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 Black Belt Calcareous Prairie and Woodland - Woodland Modifier

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 Shortleaf Pine-Oak Forest - Pine Modifier

Forest/Woodland East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Loblolly Modifier

Forest/Woodland East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier
Forest/Woodland East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier
Forest/Woodland East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub 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 Dry Upland Hardwood Forest - Offsite Pine Modifier

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 Loess Plain Oak-Hickory Upland - Juniper 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 Florida Longleaf Pine Sandhill - Open Understory Modifier

Forest/Woodland Florida Longleaf Pine Sandhill - Scrub/Shrub Understory Modifier

Forest/Woodland Florida Peninsula Inland Scrub
Forest/Woodland Nashville Basin Limestone Glade

Forest/Woodland Northeastern Interior Dry Oak Forest - Mixed Modifier

Forest/Woodland Northeastern Interior Dry Oak Forest - Virginia/Pitch Pine Modifier

Forest/Woodland Northeastern Interior Dry Oak Forest-Hardwood Modifier
Forest/Woodland Northern Atlantic Coastal Plain Dry Hardwood Forest

Forest/Woodland Ridge and Valley Calcareous Valley Bottom Glade and Woodland

Forest/Woodland South Florida Pine Rockland

Forest/Woodland South-Central Interior Mesophytic Forest

Forest/Woodland Southeastern Interior Longleaf Pine Woodland

Forest/Woodland Southern and Central Appalachian Cove Forest

Forest/Woodland Southern and Central Appalachian Mafic Glade and Barrens

Forest/Woodland Southern and Central Appalachian Oak Forest

Forest/Woodland Southern and Central Appalachian Oak Forest - Xeric

Forest/Woodland Southern Appalachian Low Mountain Pine Forest

Forest/Woodland Southern Coastal Plain Dry Upland Hardwood Forest

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Forest/Woodland Southern Coastal Plain Oak Dome and Hammock
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 - Loblolly Pine 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 Glade and Barrens
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
Forest/Woodland
Southern Ridge and Valley Dry Calcareous Forest - Pine Modifier
Freshwater Tidal Marsh & Wetland
Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh
Freshwater Tidal Marsh & Wetland
Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh
Freshwater Tidal Marsh & Wetland
Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh

Freshwater Tidal Marsh & Wetland Florida Big Bend Fresh-Oligohaline Tidal Marsh
Prairie Bluegrass Basin Savanna and Woodland

Prairie East Gulf Coastal Plain Black Belt Calcareous Prairie and Woodland

Prairie East Gulf Coastal Plain Black Belt Calcareous Prairie and Woodland - Herbaceous Modifier

Prairie East Gulf Coastal Plain Jackson Plain Prairie and Barrens
Prairie East Gulf Coastal Plain Jackson Prairie and Woodland

Prairie Eastern Highland Rim Prairie and Barrens

Prairie Eastern Highland Rim Prairie and Barrens - Dry Modifier

Prairie Florida Dry Prairie

Prairie Panhandle Florida Limestone Glade
Prairie Pennyroyal Karst Plain Prairie and Barrens
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 Brownwater Stream Floodplain Forest

Wetlands Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland

Wetlands Atlantic Coastal Plain Clay-Based Carolina Bay Herbaceous Wetland

Wetlands Atlantic Coastal Plain Depression Pondshore
Wetlands Atlantic Coastal Plain Large Natural Lakeshore

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 Northern Pondshore

Wetlands Atlantic Coastal Plain Northern Wet Longleaf Pine Savanna and Flatwoods

Wetlands Atlantic Coastal Plain Peatland Pocosin
Wetlands Atlantic Coastal Plain Sandhill Seep

Wetlands Atlantic Coastal Plain Small Blackwater River Floodplain Forest
Wetlands Atlantic Coastal Plain Small Brownwater River Floodplain Forest
Wetlands Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods
Wetlands Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall

Wetlands Atlantic Coastal Plain Xeric River Dune

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

Wetlands Central Florida Herbaceous Pondshore
Wetlands Central Florida Herbaceous Seep
Wetlands Central Florida Pine Flatwoods

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Wetlands Central Interior Highlands and Appalachian Sinkhole and Depression Pond Wetlands Cumberland Riverscour Wetlands East Gulf Coastal Plain Interior Shrub Bog Wetlands East Gulf Coastal Plain Jackson Plain Dry Flatwoods - Open Understory Modifier Wetlands East Gulf Coastal Plain Jackson Plain Dry Flatwoods - Scrub/Shrub Understory Modifier Wetlands East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier Wetlands East Gulf Coastal Plain Near-Coast Pine Flatwoods - Offsite Hardwood Modifier Wetlands East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open Understory Modifier East Gulf Coastal Plain Near-Coast Pine Flatwoods - Scrub/Shrub Understory Modifier Wetlands 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 East Gulf Coastal Plain Southern Depression Pondshore Wetlands East Gulf Coastal Plain Southern Loblolly-Hardwood Flatwoods Wetlands East Gulf Coastal Plain Treeless Savanna and Wet Prairie Wetlands Floridian Highlands Freshwater Marsh 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 Appalachian Seepage Fen Wetlands North-Central Interior and Appalachian Rich Swamp Wetlands South Florida Bayhead Swamp Wetlands South Florida Cypress Dome Wetlands South Florida Freshwater Slough and Gator Hole Wetlands South Florida Hardwood Hammock Wetlands South Florida Pine Flatwoods Wetlands South Florida Pond-Apple/Popash Slough Wetlands South Florida Wet Marl Prairie Wetlands South Florida Willow Head Wetlands South-Central Interior Large Floodplain - Forest Modifier Wetlands South-Central Interior Small Stream and Riparian Wetlands South-Central Interior/Upper Coastal Plain Wet Flatwoods Wetlands Southern and Central Appalachian Bog and Fen Wetlands Southern Appalachian Seepage Wetland Wetlands Southern Coastal Plain Blackwater River Floodplain Forest Wetlands Southern Coastal Plain Herbaceous Seepage Bog Wetlands Southern Coastal Plain Hydric Hammock Wetlands Southern Coastal Plain Nonriverine Basin Swamp Wetlands Southern Coastal Plain Nonriverine Cypress Dome Wetlands Southern Coastal Plain Seepage Swamp and Baygall Wetlands Southern Coastal Plain Spring-run Stream Aquatic Vegetation Wetlands Southern Piedmont Large Floodplain Forest - Forest Modifier Wetlands Southern Piedmont Seepage Wetland Wetlands Southern Piedmont Small Floodplain and Riparian Forest Wetlands Southern Piedmont/Ridge and Valley Upland Depression Swamp Wetlands Unconsolidated Shore (Lake/River/Pond)

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Wetlands

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For more information:: SE-GAP Analysis Project / BaSIC 127 David Clark Labs Dept. of Biology, NCSU Raleigh, NC 27695-7617 (919) 513-2853 www.basic.ncsu.edu/segap

Compiled: 15 September 2011

This data was compiled and/or developed by the Southeast GAP Analysis Project at The Biodiversity and Spatial Information Center, North Carolina State University

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