

SOUTHEAST GAP ANALYSIS PROJECT



Species Modeling Report

Mangrove Cuckoo

Coccyzus minor

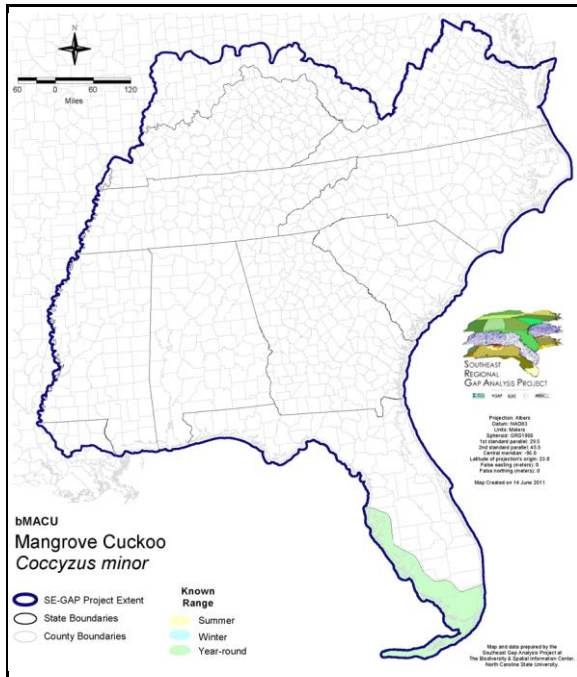
Taxa: Avian
Order: Cuculiformes
Family: Cuculidae

SE-GAP Spp Code: **bMACU**

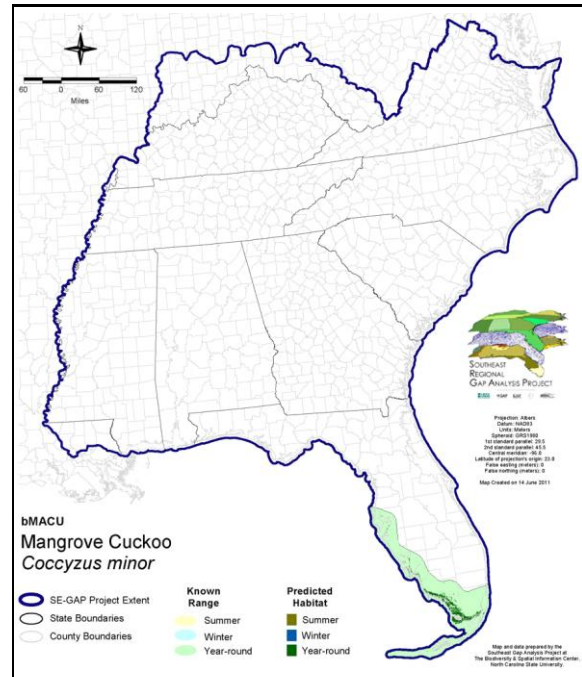
ITIS Species Code: 177828

NatureServe Element Code: ABNRB02030

KNOWN RANGE:



PREDICTED HABITAT:



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

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

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

Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/bMACU_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: QC (Non suivie)

NS Global Rank: G5

NS State Rank: FL (S3), TX (SNA), QC (SNA)

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	11,536.2	4	0.0	0	0.0	0	0.0	0
Status 2	0.0	0	0.0	0	0.0	0	0.0	0
Status 3	0.0	0	0.0	0	0.0	0	747.0	< 1
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	11,536.2	4	0.0	0	0.0	0	747.0	< 1
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	165,095.3	59	0.0	0	0.0	0
Status 2	0.0	0	2.9	< 1	10,666.3	4	0.0	0
Status 3	0.0	0	10,180.5	4	0.0	0	0.0	0
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	0.0	0	175,278.7	63	10,666.3	4	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	0.0	0	278.8	< 1	0.0	0
Status 3	0.0	0	26,107.1	9	0.0	0	41.7	< 1
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	0.0	0	26,107.1	9	278.8	< 1	41.7	< 1
	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	0.0	0	0.0	0	0.0	0
Status 2	0.0	0	0.0	0	0.0	0	0.0	0
Status 3	0.0	0	0.0	0	0.0	0	0.0	0
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	0.0	0	0.0	0	0.0	0	0.0	0
	Private Land - No Res.		Water		Overall Total			
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	0.0	0	176,631.5 63			
Status 2	0.0	0	0.0	0	10,948.0 4			
Status 3	0.0	0	0.0	0	37,076.3 13			
Status 4	39,937.4	14	15,369.7	5	55,307.1 20			
Total	39,937.4	14	15,369.7	5	279,962.8 100			

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.

PREDICTED HABITAT MODEL(S):

Year-round Model:

Habitat Description: Mangrove Cuckoos are one of the least studied birds in the Americas. However, it is commonly reported to inhabit only mangrove forests and adjoining beach scrub and tropical hardwood hammock in Florida (Stimson 1964, Smith 1996). In the Bahamas, Cuba and its range in Central America it is not a mangrove obligate.

Based on Hughes (1997) in Birds of North America. K.Cook 6-2-05

Selected Map Units:

Functional Group	Map Unit Name
Brackish Tidal Marsh & Wetland	South Florida Mangrove Swamp
Brackish Tidal Marsh & Wetland	Southwest Florida Perched Barriers Salt Swamp and Lagoon - Mangrove Modifier

Selected Secondary Map Units within 1000m of Primary Map Units:

Functional Group	Map Unit Name
Wetlands	South Florida Hardwood Hammock
Wetlands	South Florida Cypress Dome
Wetlands	South Florida Bayhead Swamp
Forest/Woodland	Southwest Florida Coastal Strand and Maritime Hammock
Forest/Woodland	Southeast Florida Coastal Strand and Maritime Hammock
Wetlands	South Florida Willow Head
Wetlands	South Florida Pond-Apple/Popash Slough

CITATIONS: Hughes, J. M. 1997. Mangrove Cuckoo (*Coccyzus minor*). in A. Poole and A. F. Gill, editors. The Birds of North America. The Academy of Natural Sciences, Philadelphia, PA and the American Ornithologists Union, Washington DC.

Smith, P. W.. 1996. Mangrove Cuckoo. Pp. 329–334 in Rare and endangered biota of Florida. Vol 5: birds (J. J. A. Rodgers, Jr., H. W. Kale II, and H. T. Smith, eds.). Univ. Press of Florida, Gainesville.

Stimson, L. A.. 1964. Mangrove Cuckoo in deciduous woods. Fla. Nat. 37: 25.

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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.