



SOUTHEAST GAP ANALYSIS PROJECT



Species Modeling Report

Mimic Glass Lizard

Ophisaurus mimicus

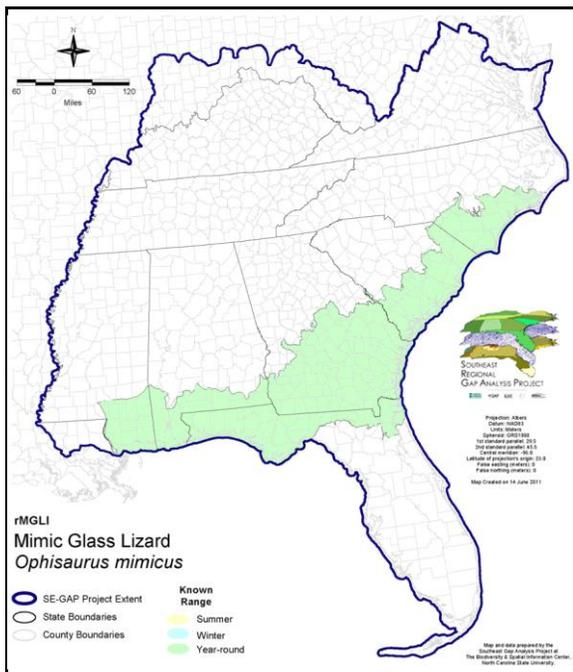
Taxa: Reptilian
 Order: Squamata
 Family: Anguillidae

SE-GAP Spp Code: **rMGLI**

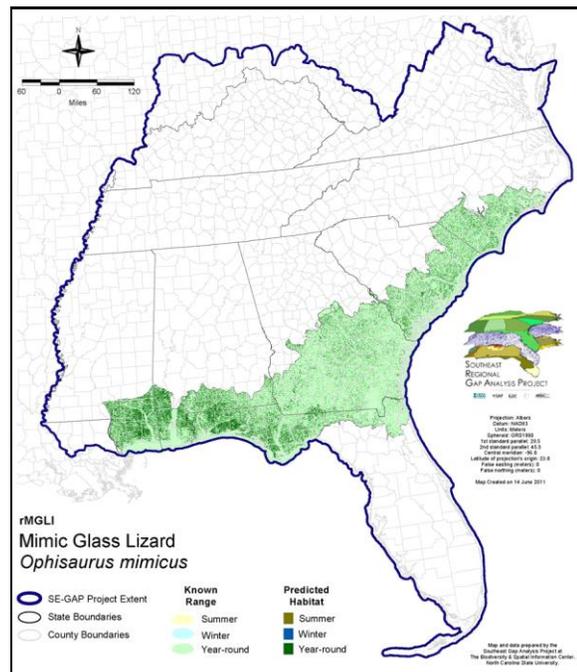
ITIS Species Code: 209006

NatureServe Element Code: ARACB02040

KNOWN RANGE:



PREDICTED HABITAT:



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

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

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

Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/rMGLI_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: GA (R), MS (Non-game species in need of management), NC (SC)

NS Global Rank: G3

NS State Rank: AL (S2), FL (SNR), GA (S2), MS (SH), NC (S2), SC (SNR)

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	5,367.7	< 1	491.8	< 1	0.0	0	0.0	0
Status 2	6,307.7	< 1	13,054.0	< 1	0.0	0	20.3	< 1
Status 3	0.0	0	281,444.1	6	0.0	0	155,343.6	3
Status 4	0.2	< 1	0.0	0	0.0	0	0.0	0
Total	11,675.5	< 1	294,989.9	6	0.0	0	155,363.9	3
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	16.3	< 1	2.1	< 1	0.0	0
Status 2	0.0	0	375.8	< 1	630.9	< 1	39.7	< 1
Status 3	2,736.9	< 1	54.7	< 1	0.0	0	1,892.0	< 1
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	2,736.9	< 1	446.8	< 1	633.0	< 1	1,931.7	< 1
	Native Am. Reserv.		State Park/Hist. Park		State WMA/Gameland		State Forest	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	40.9	< 1	0.0	0	0.0	0
Status 2	0.0	0	10.3	< 1	26,675.5	< 1	0.0	0
Status 3	7.0	< 1	22,372.5	< 1	9,677.4	< 1	89,490.2	2
Status 4	0.0	0	0.0	0	11,963.5	< 1	33.2	< 1
Total	7.0	< 1	22,423.6	< 1	48,316.4	1	89,523.4	2
	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	1,270.5	< 1	0.0	0	0.0	0
Status 2	296.3	< 1	2,979.9	< 1	0.0	0	275.9	< 1
Status 3	0.0	0	20.9	< 1	3,614.0	< 1	6,058.7	< 1
Status 4	0.0	0	0.0	0	14.2	< 1	0.0	0
Total	296.3	< 1	4,271.3	< 1	3,628.3	< 1	6,334.7	< 1
	Private Land - No Res.		Water		Overall Total			
	ha	%	ha	%	ha	%		
Status 1	0.0	0	0.0	0	7,189.2	< 1		
Status 2	0.0	0	0.0	0	50,666.0	1		
Status 3	24.1	< 1	1.0	< 1	572,737.1	18		
Status 4	3,866,761.4	80	769.6	< 1	3,891,505.4	81		
Total	3,866,785.5	80	770.6	< 1	4,522,097.8	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: A resident of pine flatwoods and open, pine dominated forests/woodlands of the Coastal Plain. Typically including areas dominated by pines: sandy flatwoods and hillsides with longleaf pine, scattered oaks, ericaceous shrubs, and wiregrass; longleaf pine savanna (Palmer 1987; P. Moler, pers. comm., 1998); occasionally within seepage bogs (J. Godwin pers. comm. 1998) {NatureServe}. It prefers woodlands with plenty of ground cover and friable soils. M. Rubino, 24jan05.

Selected Map Units:

Functional Group	Map Unit Name
Forest/Woodland	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly 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 Upland Longleaf Pine Woodland
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 - Open Understory Modifier
Forest/Woodland	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub Modifier
Forest/Woodland	Florida Longleaf Pine Sandhill - Open Understory Modifier
Forest/Woodland	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory Modifier
Wetlands	Atlantic Coastal Plain Northern Wet Longleaf Pine Savanna and Flatwoods
Wetlands	Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods
Wetlands	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Offsite Hardwood Modifier
Wetlands	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open Understory Modifier
Wetlands	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Scrub/Shrub Understory Modifier
Wetlands	East Gulf Coastal Plain Southern Loblolly-Hardwood Flatwoods

- CITATIONS:** Ashton, R. E., Jr., and P. S. Ashton. 1991. Handbook of reptiles and amphibians of Florida. Part two. Lizards, turtles & crocodilians. Revised second edition. Windward Pub., Inc., Miami. 191 pp.
- Conant, R. and J. T. Collins. 1991. A field guide to reptiles and amphibians: eastern and central North America. Third edition. Houghton Mifflin Co., Boston, Massachusetts. 450 pp.
- McConkey, E. H. 1954. A systematic study of the North American lizards of the genus OPHISAURUS. Am. Midl. Nat. 51:133-169.
- Mount, R. H. 1975. The Reptiles and Amphibians of Alabama. Auburn University Agricultural Experiment Station, Auburn, Alabama. vii + 347 pp.
- Palmer, W. M. 1987. A new species of glass lizard (Anguidae:OPHISAURUS) from the southeastern United States. Herpetologica 43:415-423.
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- Palmer, W. M., and A. L. Braswell. 1995. Reptiles of North Carolina. North Carolina State Museum of Natural Sciences, University of North Carolina Press, Chapel Hill, North Carolina.

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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.