



SOUTHEAST GAP ANALYSIS PROJECT



Species Modeling Report

Giant Toad

Bufo marinus

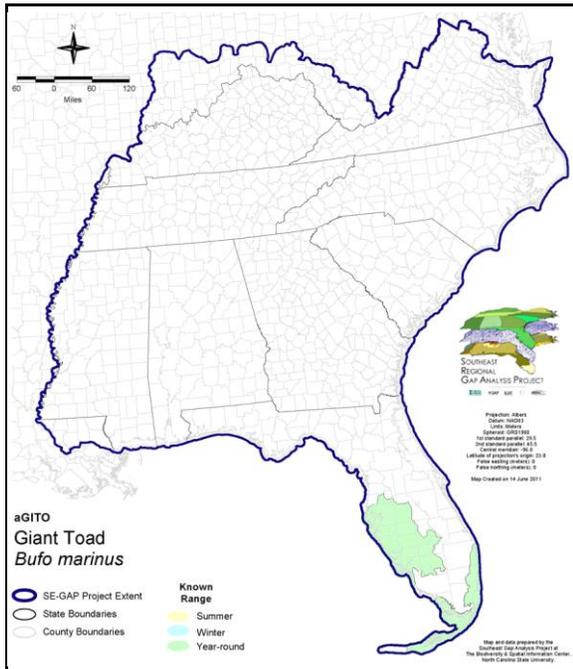
Taxa: Amphibian
Order: Anura
Family: Bufonidae

SE-GAP Spp Code: **aGITO**

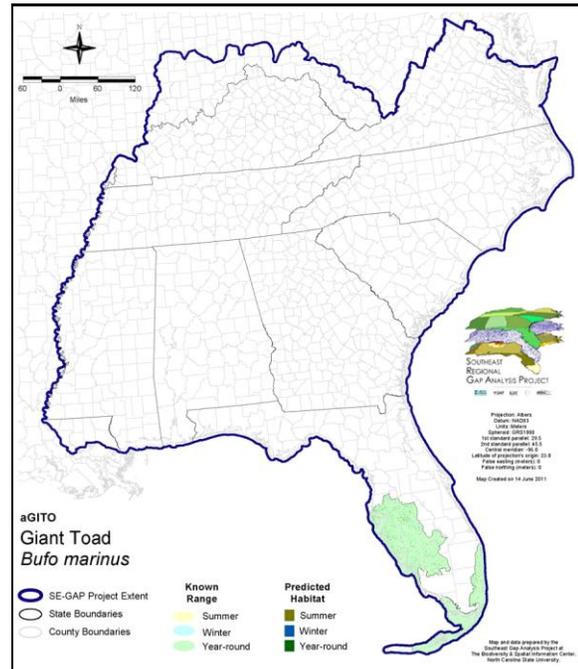
ITIS Species Code: 173489

NatureServe Element Code: AAABB01100

KNOWN RANGE:



PREDICTED HABITAT:



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

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

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

Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/aGITO_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: ---

NS Global Rank: G5

NS State Rank: FL (SNA), HI (SNA), TX (S2)

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	5.3	< 1	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	119.6	< 1
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	5.3	< 1	0.0	0	0.0	0	119.6	< 1
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	63.8	< 1	0.0	0	0.0	0
Status 2	0.0	0	0.3	< 1	0.0	0	0.0	0
Status 3	0.0	0	0.7	< 1	0.0	0	0.0	0
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	0.0	0	64.8	< 1	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	0.0	0	0.0	0
Status 2	0.0	0	0.0	0	812.1	< 1	0.0	0
Status 3	0.0	0	1,313.6	2	0.0	0	106.5	< 1
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	0.0	0	1,313.6	2	812.1	< 1	106.5	< 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	30.3	< 1
Status 3	0.0	0	0.0	0	87.3	< 1	690.8	< 1
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	0.0	0	0.0	0	87.3	< 1	721.1	< 1
	Private Land - No Res.		Water		Overall Total			
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	0.0	0	69.1 < 1			
Status 2	0.0	0	0.0	0	842.7 < 1			
Status 3	0.0	0	0.0	0	2,318.5 3			
Status 4	81,893.6	95	669.5	< 1	82,563.1 96			
Total	81,893.6	95	669.5	< 1	85,793.4 100			

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):

Year-round Model:

Habitat Description: This toad is associated with medium to low density urban areas as well as agricultural and/or recently disturbed habitats, early successional communities, mangroves and Rockland Hammocks (<http://www.wildflorida.org/critters/exotics>). They breed in canals,, flooded ditches, shallow pools & fish ponds (Bartlett & Bartlett 1999) Amy Silvano, 05Jan05.

Hydrography Mask:

Freshwater Only

Utilizes open water features with buffers of 30m from and 30m into selected water features.

Utilizes wet vegetation features with buffer of unlimited into selected vegetation features.

Selected Map Units:

Functional Group	Map Unit Name
Anthropogenic	Developed Open Space
Anthropogenic	Low Intensity Developed
Anthropogenic	Medium Intensity Developed
Anthropogenic	Pasture/Hay
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)
Forest/Woodland	South Florida Pine Rockland
Water	Open Water (Aquaculture)
Water	Open Water (Fresh)

CITATIONS:

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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.