



SOUTHEAST GAP ANALYSIS PROJECT



Species Modeling Report

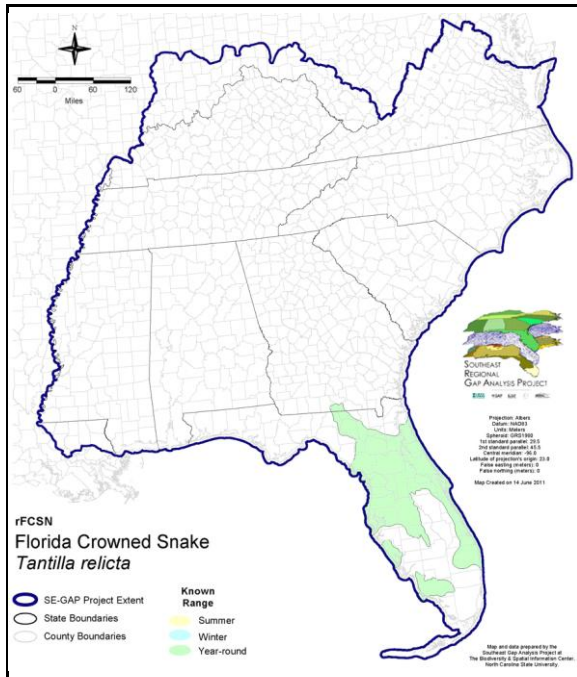
Florida Crowned Snake

Tantilla relicta

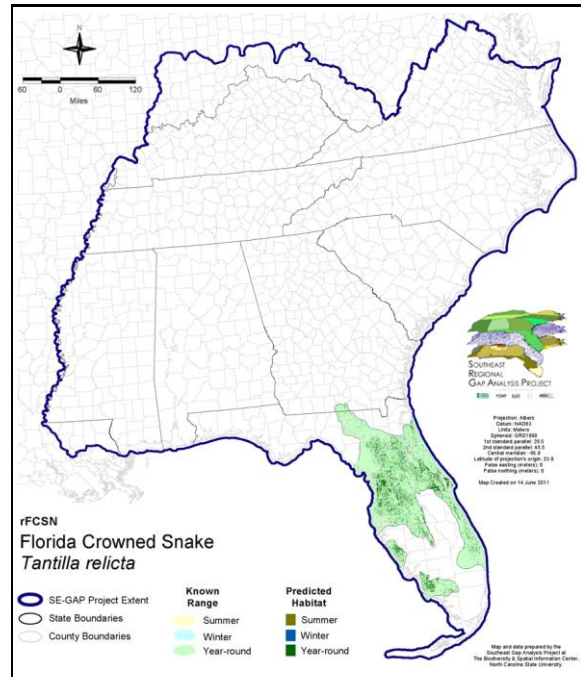
Taxa: Reptilian
 Order: Squamata
 Family: Colubridae

SE-GAP Spp Code: **rFCSN**
 ITIS Species Code: 174286
 NatureServe Element Code: ARADB35080

KNOWN RANGE:



PREDICTED HABITAT:



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

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

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

Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/rFCSN_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: ---

NS Global Rank: G5

NS State Rank: FL (SNR), GA (S1)

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	4,257.9	< 1	0.0	0	0.0	0	0.0	0
Status 2	146.5	< 1	3,814.9	< 1	0.0	0	0.0	0
Status 3	0.0	0	41,556.8	4	0.0	0	3,712.5	< 1
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	4,404.4	< 1	45,371.7	4	0.0	0	3,712.5	< 1
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	11.1	< 1	0.0	0	13,378.3	1
Status 2	0.0	0	3,359.1	< 1	640.9	< 1	5.4	< 1
Status 3	0.0	0	13,334.0	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	16,704.1	2	640.9	< 1	13,383.7	1
	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	67.3	< 1	19,699.8	2	0.0	0
Status 3	0.0	0	104,139.5	10	113.7	< 1	61,652.1	6
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	0.0	0	104,206.9	10	19,813.5	2	61,652.1	6
	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	800.1	< 1	0.0	0	443.1	< 1
Status 3	0.0	0	8,531.6	< 1	2,182.8	< 1	10,054.0	< 1
Status 4	0.0	0	0.0	0	59.2	< 1	0.0	0
Total	0.0	0	9,331.7	< 1	2,242.0	< 1	10,497.1	1
	Private Land - No Res.		Water		Overall Total			
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	0.0	0	17,647.3 2			
Status 2	0.0	0	0.0	0	28,977.1 3			
Status 3	< 0.1	< 1	0.0	0	245,276.9 28			
Status 4	690,767.5	67	2,475.1	< 1	693,301.8 68			
Total	690,767.6	67	2,475.1	< 1	985,203.1 100			

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: Three different subspecies of *Tantilla relicta* are recognized in Florida, *T.r. relicta*, *T.r. neilli*, and *T.r. pamlica*. These crown snakes can be found in scrub habitats, pine sandhills, coastal dunes, hardwoods hammocks, and occasionally mesic hardwoods and mixed forests. However, *T.r. relicta* is restricted to coastal scrub habitats and *T.r. pamlica* coastal dune & scrub habitats. Amy Silvano 25 Aug05

Ecosystem Classifiers: Xeric Flats, Evergreen, Hardwood, & Maritime Forest, Bare Sand, Unconsolidated Shore (Beach/Dune only), Coastal Dunes, Hammocks. Amy Silvano 25Aug05

Selected Map Units:

Functional Group	Map Unit Name
Anthropogenic	Bare Sand
Beach	Unconsolidated Shore (Beach/Dune)
Coastal Dune & Freshwater Wetland	East Gulf Coastal Plain Dune and Coastal Grassland
Coastal Dune & Freshwater Wetland	Southwest Florida Dune and Coastal Grassland
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 - Scrub/Shrub Modifier
Forest/Woodland	East Gulf Coastal Plain Maritime 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	Northern Atlantic Coastal Plain Dry Hardwood Forest
Forest/Woodland	Southeast Florida Coastal Strand and Maritime Hammock
Forest/Woodland	Southern Coastal Plain Dry Upland Hardwood Forest
Forest/Woodland	Southern Coastal Plain Oak Dome and Hammock
Forest/Woodland	Southwest Florida Coastal Strand and Maritime Hammock
Wetlands	Central Florida Pine Flatwoods
Wetlands	South Florida Hardwood Hammock
Wetlands	South Florida Pine Flatwoods
Wetlands	Southern Coastal Plain Hydric Hammock

CITATIONS:

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