



SOUTHEAST GAP ANALYSIS PROJECT



Species Modeling Report

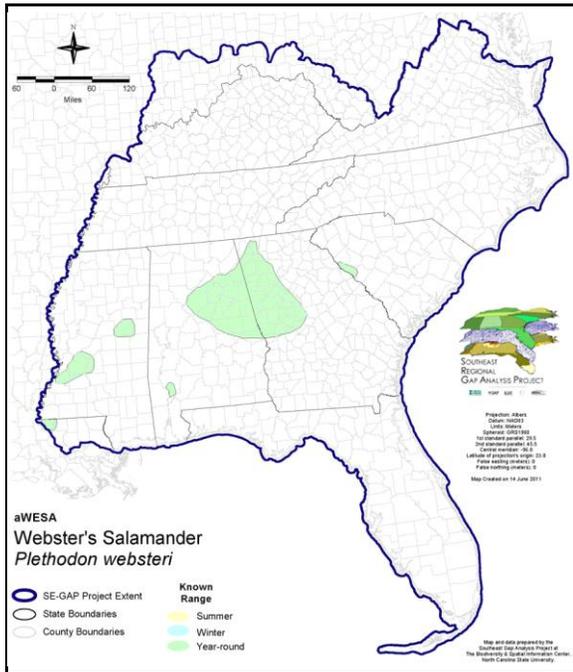
Webster's Salamander

Plethodon websteri

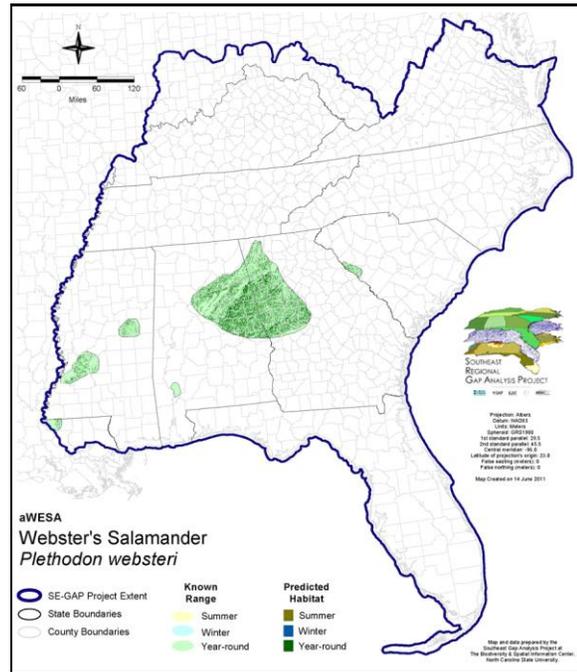
Taxa: Amphibian
 Order: Caudata
 Family: Plethodontidae

SE-GAP Spp Code: **aWESA**
 ITIS Species Code: 173673
 NatureServe Element Code: AAAAD12210

KNOWN RANGE:



PREDICTED HABITAT:



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

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

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

Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/aWESA_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: LA (Prohibited), MS (Non-game species in need of management), SC (SE-Endangered)

NS Global Rank: G3

NS State Rank: AL (S3), GA (S2), LA (S1), MS (S2), SC (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	38.8	< 1	149.7	< 1	0.0	0	0.0	0
Status 2	805.3	< 1	10,529.6	< 1	0.0	0	0.0	0
Status 3	0.0	0	67,600.6	4	0.0	0	3,674.1	< 1
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	844.1	< 1	78,279.9	5	0.0	0	3,674.1	< 1
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	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	2,119.4	< 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	2,119.4	< 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	189.5	< 1	0.0	0	0.0	0
Status 2	0.0	0	28.0	< 1	13,484.6	< 1	0.0	0
Status 3	11.1	< 1	7,295.3	< 1	2,370.3	< 1	0.0	0
Status 4	0.0	0	0.0	0	2,327.5	< 1	0.0	0
Total	11.1	< 1	7,512.8	< 1	18,182.4	1	0.0	0
	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	315.6	< 1	0.0	0	31.5	< 1
Status 3	0.0	0	569.9	< 1	279.4	< 1	0.0	0
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	0.0	0	885.5	< 1	279.4	< 1	31.5	< 1
	Private Land - No Res.		Water		Overall Total			
	ha	%	ha	%	ha	%		
Status 1	0.0	0	0.0	0	377.9	< 1		
Status 2	0.0	0	0.0	0	25,194.7	1		
Status 3	0.0	0	0.0	0	83,920.1	9		
Status 4	1,508,830.5	89	88.1	< 1	1,513,573.6	90		
Total	1,508,830.5	89	88.1	< 1	1,623,066.2	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.

PREDICTED HABITAT MODEL(S):

Year-round Model:

Habitat Description: Webster's salamanders inhabit rocky outcrops and north-facing slopes in moist deciduous forest. Typical habitat is often associated with the presence of red, white or black oaks. These salamanders may sometimes be observed in autumn, winter or spring under logs, rocks or leaf litter. Stacy Smith, 15April05

Selected Map Units:

Functional Group	Map Unit Name
Forest/Woodland	East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Hardwood 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 Mesic Hardwood Forest
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 Mesic Forest
Forest/Woodland	Southern Ridge and Valley Dry Calcareous Forest
Forest/Woodland	Southern Ridge and Valley Dry Calcareous Forest - Hardwood Modifier

CITATIONS: Highton, R. 1986. *Plethodon websteri*. Catalogue of American Amphibians and Reptiles, pp. 384.1-384.2.

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