



SOUTHEAST GAP ANALYSIS PROJECT



Species Modeling Report

Brimley's Chorus Frog

Pseudacris brimleyi

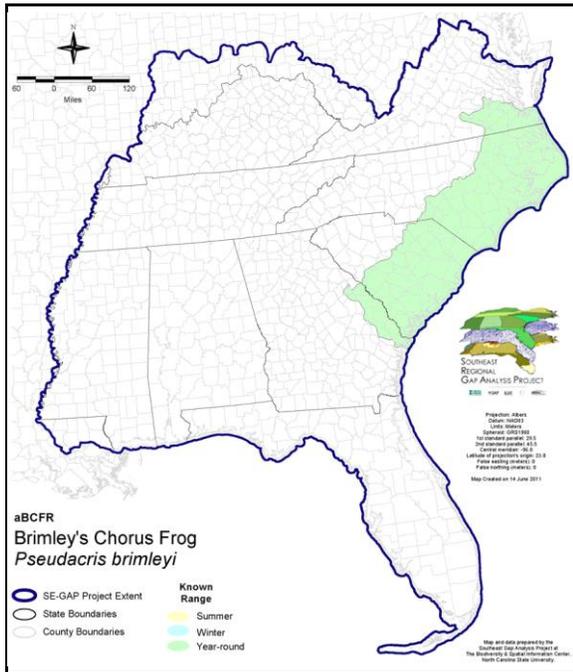
Taxa: Amphibian
Order: Anura
Family: Hylidae

SE-GAP Spp Code: **aBCFR**

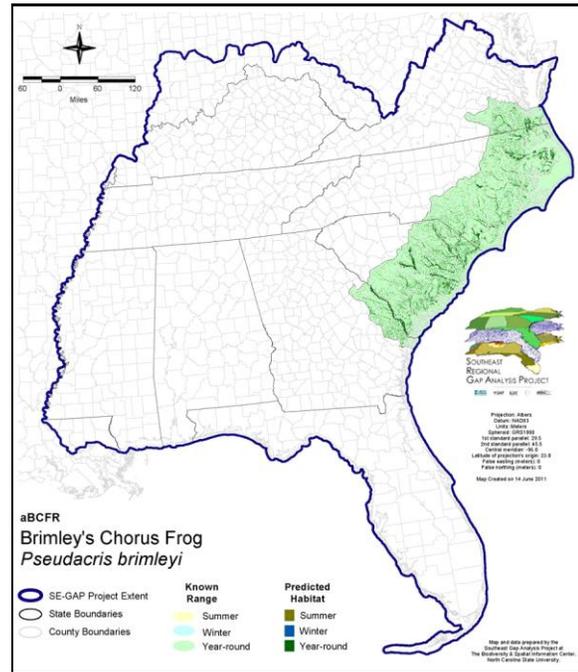
ITIS Species Code: 173524

NatureServe Element Code: AAABC05020

KNOWN RANGE:



PREDICTED HABITAT:



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

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

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

Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/aBCFR_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: NC (W1)

NS Global Rank: G5

NS State Rank: GA (S1), NC (S3S4), SC (SNR), VA (S4)

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	34,758.8	2	4,505.2	< 1	0.0	0	0.0	0
Status 2	40,690.7	2	913.0	< 1	0.0	0	0.0	0
Status 3	289.4	< 1	38,471.8	2	0.0	0	15,672.2	< 1
Status 4	11.9	< 1	0.0	0	0.0	0	0.0	0
Total	75,750.8	4	43,889.9	2	0.0	0	15,672.2	< 1
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	8,110.3	< 1	1.9	< 1	0.0	0
Status 2	0.0	0	0.0	0	279.5	< 1	0.0	0
Status 3	13,282.0	< 1	83.4	< 1	0.0	0	0.5	< 1
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	13,282.0	< 1	8,193.7	< 1	281.4	< 1	0.5	< 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	0.0	0	31,160.7	2	0.0	0
Status 3	0.0	0	7,097.3	< 1	15,368.1	< 1	4,879.2	< 1
Status 4	0.0	0	0.0	0	2,101.7	< 1	0.0	0
Total	0.0	0	7,097.3	< 1	48,630.5	2	4,879.2	< 1
	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	16.9	< 1	0.0	0	0.0	0
Status 2	5,451.7	< 1	16,674.3	< 1	0.0	0	0.0	0
Status 3	0.0	0	0.0	0	805.4	< 1	89.3	< 1
Status 4	0.0	0	0.0	0	561.1	< 1	0.0	0
Total	5,451.7	< 1	16,691.2	< 1	1,366.5	< 1	89.3	< 1
	Private Land - No Res.		Water		Overall Total			
	ha	%	ha	%	ha	%		
Status 1	0.0	0	0.0	0	47,393.1	2		
Status 2	0.0	0	0.0	0	95,169.9	5		
Status 3	0.0	0	0.0	0	96,038.6	7		
Status 4	1,710,052.6	86	538.1	< 1	1,715,355.1	86		
Total	1,710,052.6	86	538.1	< 1	1,953,956.7	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 species is an inhabitant of bottomland hardwood forests near aquatic sites, swamps near rivers and streams, marshes, and wet open woods near water. ALS Feb05

Ecosystem Classifiers: Wetland (Floodplain/Bottomland), Auxillary units of distrubed. ALS Feb05

Hydrography Mask:

Freshwater Only

Slow Current Only

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

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

Utilizes wet vegetation features with buffers of 30m from and unlimited into selected vegetation features.

Selected Map Units:

Functional Group	Map Unit Name
Water	Open Water (Fresh)
Wetlands	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier
Wetlands	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Herbaceous Modifier
Wetlands	Atlantic Coastal Plain Brownwater Stream Floodplain Forest
Wetlands	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier
Wetlands	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier
Wetlands	Atlantic Coastal Plain Northern Basin Peat Swamp
Wetlands	Atlantic Coastal Plain Small Blackwater River Floodplain Forest
Wetlands	Atlantic Coastal Plain Small Brownwater River Floodplain Forest
Wetlands	Southern Piedmont Large Floodplain Forest - Forest Modifier
Wetlands	Southern Piedmont Large Floodplain Forest - Herbaceous Modifier
Wetlands	Southern Piedmont Small Floodplain and Riparian Forest

Selected Secondary Map Units within 30m of Primary Map Units:

Functional Group	Map Unit Name
Anthropogenic	Successional Shrub/Scrub (Clear Cut)
Anthropogenic	Successional Shrub/Scrub (Utility Swath)
Anthropogenic	Successional Shrub/Scrub (Other)

CITATIONS: Behler, J. L., and F. W. King. 1979. The Audubon Society field guide to North American reptiles and amphibians. Alfred A. Knopf, New York. 719 pp.

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Hoffman, R. L. 1983. *Pseudacris brimleyi*. *Cat. Am. Amph. Rep.* 311.1-311.2.

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