



SOUTHEAST GAP ANALYSIS PROJECT



Species Modeling Report

Woodhouse's Toad

Bufo woodhousii

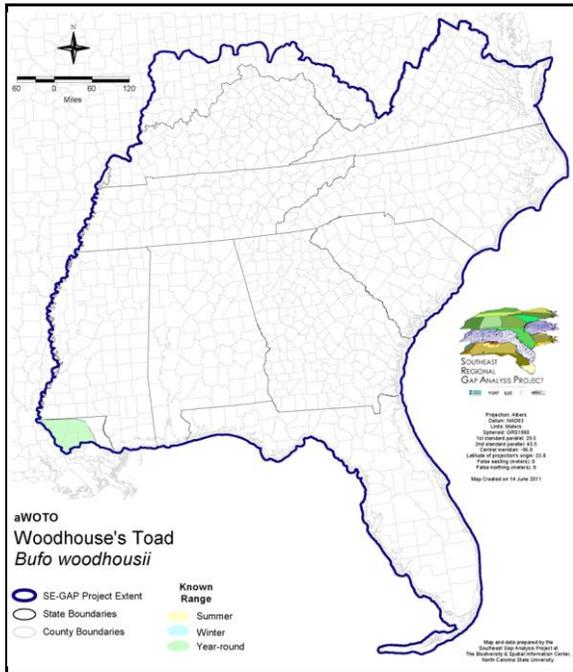
Taxa: Amphibian
 Order: Anura
 Family: Bufonidae

SE-GAP Spp Code: **aWOTO**

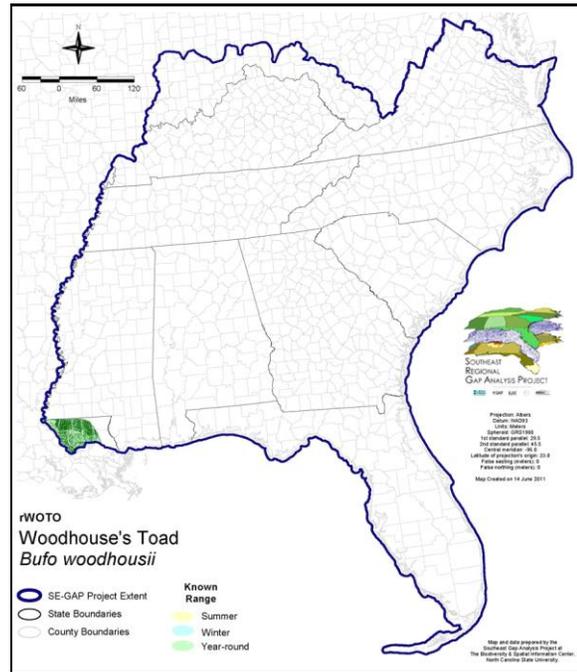
ITIS Species Code: 173476

NatureServe Element Code: AAABB01180

KNOWN RANGE:



PREDICTED HABITAT:



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

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

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

Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/aWOTO_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: ID (P), NE (NC), UT (None), WA (M)

NS Global Rank: G5

NS State Rank: AZ (S5), CA (S4), CO (S5), IA (S3), ID (S2), KS (S5), LA (S5), MO (SNR), MT (S4), ND (SNR), NE (S5), NM (S5), NV (S5), OK (S5), OR (S2), SD (S5), TX (S5), UT (S5), WA (S3), WY (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 | 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 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Status 4 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Total | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 |
| | 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 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Status 4 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Total | 0.0 | 0 | 0.0 | 0 | 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 | 0.0 | 0 | 0.0 | 0 |
| Status 3 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Status 4 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Total | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 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 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Status 3 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Status 4 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Total | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 |
| | Private Land - No Res. | | Water | | Overall Total | | | |
| | ha | % | ha | % | ha | % | ha | % |
| Status 1 | 0.0 | 0 | 0.0 | 0 | 0.0 0 | | | |
| Status 2 | 0.0 | 0 | 0.0 | 0 | 0.0 0 | | | |
| Status 3 | 0.0 | 0 | 0.0 | 0 | 0.0 0 | | | |
| Status 4 | 24.2 | 100 | 0.0 | 0 | 24.2 100 | | | |
| Total | 24.2 | 100 | 0.0 | 0 | 24.2 100 | | | |

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: Woodhouse's toads inhabit a wide variety of habitats ranging from agricultural to residential but preferring those areas with deep, sandy soils (<http://www.fs.fed.us/r4/amphibians/woodhousetoad.htm>). In most respects woodhouse's toads habitat is sympatric with that of the *B. americana* (Dundee & Rossman (1989). Amy Silvano 01Dec05

Hydrography Mask:

Freshwater Only

Utilizes flowing water features with buffers of 500m from and 30m into selected water features.

Utilizes open water features with buffers of 500m from and 30m into selected water features.

Selected Map Units:

| Functional Group | Map Unit Name |
|------------------|--|
| 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) |
| Forest/Woodland | East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Hardwood Modifier |
| Forest/Woodland | East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Mixed Modifier |
| 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 - Offsite Hardwood 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 | Northern Atlantic Coastal Plain Dry Hardwood Forest |
| Forest/Woodland | Southern Coastal Plain Dry Upland Hardwood Forest |
| Water | Open Water (Fresh) |
| Wetlands | East Gulf Coastal Plain Interior Shrub Bog |
| Wetlands | East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier |
| Wetlands | East Gulf Coastal Plain Large River Floodplain Forest - Herbaceous Modifier |
| Wetlands | East Gulf Coastal Plain Small Stream and River Floodplain Forest |
| Wetlands | East Gulf Coastal Plain Southern Depression Pondshore |
| Wetlands | East Gulf Coastal Plain Southern Loblolly-Hardwood Flatwoods |
| Wetlands | East Gulf Coastal Plain Treeless Savanna and Wet Prairie |
| Wetlands | Lower Mississippi River Bottomland and Floodplain Forest |
| Wetlands | Lower Mississippi River Bottomland Depressions - Forest Modifier |
| Wetlands | Lower Mississippi River Bottomland Depressions - Herbaceous Modifier |
| Wetlands | Mississippi River Low Floodplain (Bottomland) Forest |
| Wetlands | Mississippi River Riparian Forest |
| Wetlands | Southern Coastal Plain Blackwater River Floodplain Forest |
| Wetlands | Southern Coastal Plain Herbaceous Seepage Bog |
| Wetlands | Southern Coastal Plain Hydric Hammock |
| Wetlands | Southern Coastal Plain Seepage Swamp and Baygall |
| Wetlands | Southern Coastal Plain Spring-run Stream Aquatic Vegetation |

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.