





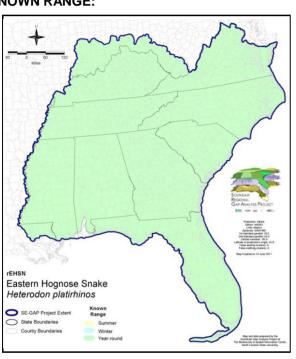
Eastern Hognose Snake

Heterodon platirhinos

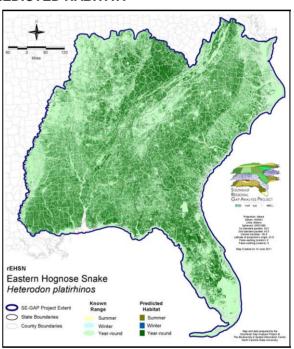
Taxa: Reptilian Order: Squamata Family: Colubridae SE-GAP Spp Code: **rEHSN** ITIS Species Code: 563935

NatureServe Element Code: ARADB17020

KNOWN RANGE:



PREDICTED HABITAT:



Range Map Link: http://www.basic.ncsu.edu/segap/datazip/maps/SE_Range_rEHSN.pdf
Predicted Habitat Map Link: http://www.basic.ncsu.edu/segap/datazip/maps/SE_Dist_rEHSN.pdf
GAP Online Tool Link: http://www.gapserve.ncsu.edu/segap/segap/index2.php?species=rEHSN
Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/rEHSN-se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: CT (SC), KS (C), KY (N), MA (- WL), MN (NON), MS (Non-game species in need of management), NE (NC), NH (E), NJ (D), NY (SC), OH (N), RI (Concern), SD (ST), WI (SC/H), ON (THR)

NS Global Rank: G5

NS State Rank: AL (S5), AR (S5), CO (SNA), CT (S2S3), DC (SH), DE (S4), FL (SNR), GA (S5), IA (S4), IL (S5), IN (S3), KS (S4), KY (S5), LA (S5), MA (S4), MD (S5), MI (S3S4), MN (S4), MO (S5), MS (S5), NC (S4S5), NE (S4), NH (S1), NJ (S5), NY (S3), OH (S4), OK (S5), PA (S3), RI (S2), SC (SNR), SD (S2), TN (S4), TX (S5), VA (S5), WI (S4), WV (S3), ON (S3)

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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	29,953.0	< 1	2,475.6	< 1	0.0	0	0.0	0
Status 2	59,581.3	< 1	75,582.5	< 1	0.0	0	2,012.0	< 1
Status 3	359.1	< 1	1,037,803.7	2	30,200.7	< 1	479,281.3	1
Status 4	41.6	< 1	0.0	0	0.0	0	14.3	< 1
Total	89,934.9	< 1	1,115,861.8	2	30,200.7	< 1	481,307.7	1
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	17,257.4	< 1	76.3	< 1	10,524.8	< 1
Status 2	0.0	0	15,194.8	< 1	6,763.9	< 1	44.7	< 1
Status 3	59,526.3	< 1	71,977.0	< 1	0.0	0	5,241.9	< 1
Status 4	0.0	0	1.0	3	0.0	0	0.0	0
Total	59,526.3	< 1	104,430.7	< 1	6,840.2	< 1	15,811.4	< 1
	Native Am. Reserv.		State Park/Hist. Park		State WMA/Gameland		State Forest	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	565.9	< 1	25.5	< 1	0.0	0
Status 2	0.0	0	2,480.7	< 1	312,610.8	< 1	800.2	< 1
Status 3	6,237.6	< 1	309,398.8	< 1	102,087.1	< 1	280,111.6	< 1
Status 4	0.0	0	0.0	0	90,554.9	< 1	35.4	< 1
Total	6,237.6	< 1	312,445.4	< 1	505,278.2	1	280,947.2	< 1
	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	4,632.1	< 1	0.0	0	0.0	0
Status 2	3,079.4	< 1	30,067.1	< 1	1.8	< 1	2,077.8	< 1
Status 3	0.0	0	13,884.6	< 1	27,133.8	< 1	97,229.4	< 1
Status 4	0.0	0	0.5	< 1	2,739.3	< 1	< 0.1	< 1
Total	3,079.4	< 1	48,584.3	< 1	29,875.0	< 1	99,307.4	< 1
	Private Land - I	No Res.		Water			Overa	ıll Total
	ha	%	ha	%			ha	o ca. %
Status 1	0.0	0	0.0	0			65,510.6	< 1
Status 2	0.0	0	0.0	3			510,297.0	1
Status 3	676.2	< 1	1.0	< 1			2,521,149.9	8
Status 4	41,255,695.2	90	13,563.5	<1			41,453,159.4	91
Total	41,256,371.3	90	13,564.6	< 1			44,550,117.0	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.

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PREDICTED HABITAT MODEL(S):

Year-round Model:

Habitat Description: Widely distributed in the eastern U.S., eastern hognose snakes occupy a diversity of sandy habitats. Typical forested habitats include pine woods, maritime forests of the barrier islands, and sandhill forests of turkey oak and longleaf pine. In addition, hognose snakes may thrive in open places such as fields and abandoned farmland, if there is adequate cover. In Florida, this snake can also be found in pine flatwoods,

and xeric hammocks (Ashton 1988)

***Quoted from GA-GAP habitat notes. Amy Silvano 18aug05

Ecosystem classifiers: Xeric Flat, Xeric uplands, Evergreen, & Maritime Forests, Glades & Barrens, Pasture, flatwoods (excluding wet/mesic), successional grassland, Hammocks. Amy Silvano 18Aug05.

Mask of Forest Interior Avoidance: Exclude forest interiors with 500m buffer into them.

Functional Group	Map Unit Name			
Anthropogenic	Bare Sand			
Anthropogenic	Bare Soil			
Anthropogenic	Evergreen Plantations			
Anthropogenic	Pasture/Hay			
Anthropogenic	Successional Grassland/Herbaceous			
Anthropogenic	Successional Grassland/Herbaceous (Other)			
Anthropogenic	Successional Grassland/Herbaceous (Utility Swath)			
Forest/Woodland	Alabama Ketona Glade and Woodland			
Forest/Woodland	Allegheny-Cumberland Dry Oak Forest and Woodland - Pine Modifier			
Forest/Woodland	Appalachian Serpentine Woodland			
Forest/Woodland	Appalachian Shale Barrens			
Forest/Woodland	Atlantic Coastal Plain Central Maritime Forest			
Forest/Woodland	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier			
Forest/Woodland	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier			
Forest/Woodland	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier			
Forest/Woodland	Atlantic Coastal Plain Northern Maritime Forest			
Forest/Woodland	Atlantic Coastal Plain Northern Mixed Oak-Heath Forest			
Forest/Woodland	Atlantic Coastal Plain Southern Maritime Forest			
Forest/Woodland	Atlantic Coastal Plain Upland Longleaf Pine Woodland			
Forest/Woodland	Central Appalachian Alkaline Glade and Woodland			
Forest/Woodland	Central Appalachian Oak and Pine Forest			
Forest/Woodland	Central Appalachian Pine-Oak Rocky Woodland			
Forest/Woodland	Central Interior Highlands Calcareous Glade and Barrens			
Forest/Woodland	Central Interior Highlands Dry Acidic Glade and Barrens			
Forest/Woodland	Cumberland Sandstone Glade and Barrens			
Forest/Woodland	East Gulf Coastal Plain Black Belt Calcareous Prairie and Woodland - Woodland 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 - Open Understory 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	East Gulf Coastal Plain Northern Loess Plain Oak-Hickory Upland - Juniper Modifier			
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	Mississippi Delta Maritime Forest			
Forest/Woodland	Nashville Basin Limestone Glade			

rEHSN Page 3 of 5 Forest/Woodland Northeastern Interior Dry Oak Forest - Virginia/Pitch Pine Modifier
Forest/Woodland Ridge and Valley Calcareous Valley Bottom Glade and Woodland

Forest/Woodland South Florida Pine Rockland

Forest/Woodland Southeast Florida Coastal Strand and Maritime Hammock

Forest/Woodland Southeastern Interior Longleaf Pine Woodland

Forest/Woodland Southern and Central Appalachian Mafic Glade and Barrens

Forest/Woodland Southern Appalachian Low Mountain Pine Forest Forest/Woodland Southern Coastal Plain Oak Dome and Hammock

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 Dry Oak-Heath Forest - Mixed Modifier

Forest/Woodland Southern Piedmont Dry Oak-Heath Forest - Virginia/Pitch Pine Modifier

Forest/Woodland Southern Piedmont Glade and Barrens
Forest/Woodland Southern Piedmont Mafic Hardpan Woodland
Forest/Woodland Southern Piedmont Northern Triassic Basin Dry Forest

Forest/Woodland Southern Ridge and Valley Dry Calcareous Forest - Pine Modifier
Forest/Woodland Southwest Florida Coastal Strand and Maritime Hammock
Freshwater Tidal Marsh & Wetland Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh

Prairie Bluegrass Basin Savanna and Woodland

Prairie East Gulf Coastal Plain Black Belt Calcareous Prairie and Woodland

Prairie East Gulf Coastal Plain Jackson Plain Prairie and Barrens
Prairie East Gulf Coastal Plain Jackson Prairie and Woodland

Prairie Eastern Highland Rim Prairie and Barrens

Prairie Eastern Highland Rim Prairie and Barrens - Dry Modifier

Prairie Florida Dry Prairie

Prairie Panhandle Florida Limestone Glade
Prairie Pennyroyal Karst Plain Prairie and Barrens
Prairie Southern Ridge and Valley Patch Prairie
Prairie Western Highland Rim Prairie and Barrens

Wetlands Central Florida Pine Flatwoods

Wetlands East Gulf Coastal Plain Jackson Plain Dry Flatwoods - Open Understory Modifier

Wetlands East Gulf Coastal Plain Jackson Plain Dry Flatwoods - Scrub/Shrub Understory Modifier

Wetlands East Gulf Coastal Plain Near-Coast Pine Flatwoods - Offsite Hardwood Modifier

Wetlands East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open Understory Modifier

Wetlands East Gulf Coastal Plain Near-Coast Pine Flatwoods - Scrub/Shrub Understory Modifier

Wetlands East Gulf Coastal Plain Southern Loblolly-Hardwood Flatwoods

Wetlands South Florida Hardwood Hammock
Wetlands South Florida Pine Flatwoods

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For more information:: SE-GAP Analysis Project / BaSIC

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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.

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