



Species Modeling Report

House Mouse

Mus musculus

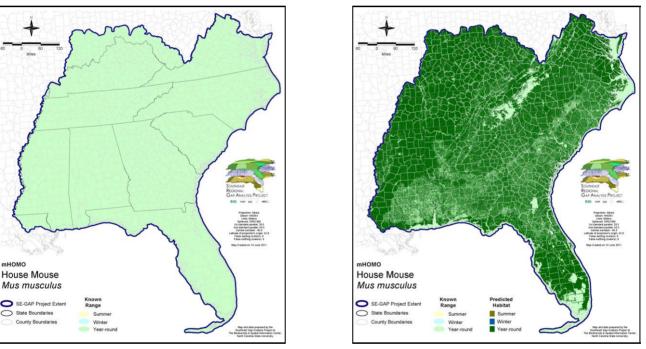
Taxa: Mammalian

- Order: Rodentia
- Family: Muridae

KNOWN RANGE:

SE-GAP Spp Code: **mHOMO** ITIS Species Code: 180366 NatureServe Element Code: AMAFF22010

PREDICTED HABITAT:



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

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

 GAP Online Tool Link:
 http://www.gapserve.ncsu.edu/segap/segap/index2.php?species=mHOMO

 Data Download:
 http://www.basic.ncsu.edu/segap/datazip/region/vert/mHOMO_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: KY (N), NJ (I), NY (U), RI (Not Listed), UT (None), BC (7 (2005)), QC (Non suivie)

NS Global Rank: G5

NS State Rank: AL (SNA), AR (SNA), AZ (SNA), CA (SNA), CO (SNA), CT (SNA), DC (SNA), DE (SNA), FL (SNA), GA (SNA), IA (SNA), ID (SNA), IL (SNA), IN (SNA), KS (SNA), KY (SNA), LA (SNA), MA (SNA), MD (SNA), ME (SNA), MI (SNA), MN (SNA), MO (SNA), MS (SNA), MT (SNA), NC (SNA), ND (SNA), NE (SNA), NH (SNA), NJ (SNA), NV (SNA), NV (SNA), NY (SNA), OH (SNA), OK (SNA), OR (SNA), PA (SNA), RI (SNA), SC (SNA), SD (SNA), TN (SNA), TX (SNA), UT (SNA), VA (SNA), VT (SNA), WA (SNA), WI (SNA), WV (SNA), WY (SNA), AB (SNA), BC (SNA), LB (SNA), MB (SNA), NB (SNA), NF (SNA), NS (SNA), NT (SNA), ON (SNA), PE (SNA), QC (SNA), SK (SNA), YT (SNA)

SUMMARY OF PREDICTED HABITAT BY MANAGMENT AND GAP PROTECTION STATUS:

ACO	US DOD	uthor.	γ Αι	Tenn. Valley	Service	US Forest	JS FWS	ι	
9	ha	%		ha	%	ha	%	ha	
	0.0	0		0.0	< 1	10,872.6	< 1	95,386.4	Status 1
<	5,615.8	0		0.0	< 1	193,300.8	< 1	221,915.2	Status 2
<	673,785.5	< 1		71,597.4	2	1,885,155.4	< 1	3,031.8	Status 3
<	535.2	0		0.0	< 1	< 0.1	< 1	118.8	Status 4
<	679,936.5	< 1		71,597.4	2	2,089,328.9	< 1	320,452.2	Total
l Land	Other Federa	NOAA	1		Service	US Nat. Park	Energy	US Dept. of	
	ha	%		ha	%	ha	%	ha	
<	21,360.4	< 1		304.4	< 1	139,740.4	0	0.0	Status 1
<	114.5	< 1		27,835.0	< 1	40,432.7	0	0.0	Status 2
<	6,730.4	0		0.0	< 1	163,542.9	< 1	44,699.4	Status 3
	0.0	0		0.0	2	2.0	0	0.0	Status 4
<	28,205.3	< 1		28,139.4	< 1	343,718.1	< 1	44,699.4	Total
Fore	State	neland	iam	State WMA/Ga	t. Park	State Park/His	Reserv.	Native Am. I	1
	ha	%		ha	%	ha	%	ha	
	0.0	< 1		79.1	< 1	1,451.4	0	0.0	Status 1
<	1,307.3	< 1		816,307.1	< 1	13,935.8	0	0.0	Status 2
<	336,363.5	< 1		214,242.0	< 1	769,123.1	< 1	16,032.2	Status 3
<	15.8	< 1		102,649.7	< 1	< 0.1	0	0.0	Status 4
<	337,686.6	1		1,133,277.9	< 1	784,510.4	< 1	16,032.2	Total
asem	Private Cons. E	Lands	ate	Other Sta	eserve	ST Nat.Area/Pr	leserve	State Coastal R	
	ha	%		ha	%	ha	%	ha	
	0.0	0		0.0	< 1	13,497.6	0	0.0	Status 1
<	3,508.0	< 1		6.6	< 1	79,958.4	< 1	25,309.8	Status 2
<	164,624.4	< 1		29,066.9	< 1	21,390.7	0	0.0	Status 3
<	< 0.1	< 1		4,835.9	0	0.0	0	0.0	Status 4
<	168,132.5	< 1		33,909.4	< 1	114,846.7	< 1	25,309.8	Total
ll Tota	Overa				Water		No Res.	Private Land - N	
9	ha				%	ha	%	ha	
<	282,692.3				0	0.0	0	0.0	Status 1
	1,429,548.2				4	0.0	< 1	0.9	Status 2
	4,400,290.8				< 1	1.2	< 1	904.1	Status 3
ç	80,830,223.3				< 1	87,464.3	91	80,532,070.2	Status 4
10	86,942,754.6				<1	87,465.9	91	80,532,975.2	Total

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.

Year-round Model:

Habitat Description:

ion: House mice were introduced from Europe and Asia, house mice are now ubiquitous throughout the United States. Although strongly associated with human habitats, they may also survive in the wild in fields, pastures, fencerows, weedy roadsides and sometimes even in wooded environments. In Florida they are found in glades, willow heads, clearings in hammock, dry fresh marsh, herbaceous vegetation, fields, and cabbage palm hammock (Layne 1984), beach dunes, sea oats, barrier islands, and dunes (Humphrey and Barbour 1981). They mayalso be found in coastal scrub (Fernald 1989) and grassy sand dunes along the coast (Webster et al. 1985). Elsewhere, prefers disturbed situations with rank weedy growth, as on silty soil at old margin, and among roadside weeds.

Nests in small chambers in any secluded location within buildings or in ground burrows (Webster et al. 1985, Whitaker and Hamilton 1998). In some areas, movement into buildings coincides with the onset of cold weather in late fall. Average movements were 73.6 feet. Minimum home range of an adult male is 0.44 acre (Fitch 1958). In Tennessee, home range for 1 juvenile in a grassy habitat was 0.30 acres. Estimated density was 2.5/acre (Howell 1954). # Edificarian and open fields. At Savannah River, densities were approximately 5/ha in old field situations (Cothran et al. 1991).

The elevational limit is from Smoky Mountians National Park (http://www.discoverlife.org/nh/tx/Vertebrata/Mammalia/Muridae/Mus/musculus/images/Mus_musculus _map.GSMNP.640.jpg)

Quoted from state habitat notes - K. Cook -6-9-05

Elevation Mask: < 823m

Functional Group	Map Unit Name
Anthropogenic	Developed Open Space
Anthropogenic	High Intensity Developed
Anthropogenic	Low Intensity Developed
Anthropogenic	Medium Intensity Developed
Anthropogenic	Pasture/Hay
Anthropogenic	Row Crop
ected Secondary Map Units within	1000m of Primary Map Units:
Functional Group	Map Unit Name
Wetlands	Central Interior Highlands and Appalachian Sinkhole and Depression Pond
Forest/Woodland	Southern Piedmont Dry Oak-Heath Forest - Hardwood Modifier
Forest/Woodland	Southern Piedmont Dry Oak-Heath Forest - Virginia/Pitch Pine Modifier
Forest/Woodland	Southern Piedmont Dry Oak-Heath Forest - Mixed Modifier
Forest/Woodland	Ridge and Valley Calcareous Valley Bottom Glade and Woodland
Forest/Woodland	Southern Piedmont Mafic Hardpan Woodland
Bald	Southern Appalachian Grass and Shrub Bald - Shrub Modifier
Bald	Southern Appalachian Grass and Shrub Bald - Herbaceous Modifier
Wetlands	Southern Piedmont Seepage Wetland
Wetlands	Southern and Central Appalachian Bog and Fen
Wetlands	Southern Appalachian Seepage Wetland
Wetlands	Southern Piedmont Small Floodplain and Riparian Forest
Wetlands	Southern Piedmont Large Floodplain Forest - Forest Modifier
Forest/Woodland	Southern Piedmont Glade and Barrens
Forest/Woodland	Nashville Basin Limestone Glade
Wetlands	Southern Piedmont/Ridge and Valley Upland Depression Swamp
Forest/Woodland	Cumberland Sandstone Glade and Barrens
Forest/Woodland	Alabama Ketona Glade and Woodland
	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier
Forest/Woodland	
Forest/Woodland	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier

Wetlands Western Highland Rim Seepage Fen Forest/Woodland Appalachian Serpentine Woodland Forest/Woodland Southern and Central Appalachian Mafic Glade and Barrens Prairie Western Highland Rim Prairie and Barrens Prairie Eastern Highland Rim Prairie and Barrens Prairie Eastern Highland Rim Prairie and Barrens - Dry Modifier Prairie Pennyroyal Karst Plain Prairie and Barrens Forest/Woodland Allegheny-Cumberland Dry Oak Forest and Woodland Forest/Woodland Allegheny-Cumberland Dry Oak Forest and Woodland - Hardwood Modifier Forest/Woodland Southern and Central Appalachian Cove Forest Prairie Southern Ridge and Valley Patch Prairie Forest/Woodland Southern Ridge and Valley Dry Calcareous Forest Forest/Woodland Southern Ridge and Valley Dry Calcareous Forest - Hardwood Modifier Forest/Woodland Southern Piedmont Northern Triassic Basin Dry Forest Forest/Woodland Central Appalachian Oak and Pine Forest Forest/Woodland Northeastern Interior Dry Oak Forest-Hardwood Modifier Forest/Woodland Northeastern Interior Dry Oak Forest - Mixed Modifier Forest/Woodland Appalachian Hemlock-Hardwood Forest Bald Central Appalachian Montane Rocky Bald - Shrub Modifier Bald Central Appalachian Montane Rocky Bald - Herbaceous Modifier Forest/Woodland Appalachian Shale Barrens Forest/Woodland Central Appalachian Pine-Oak Rocky Woodland Forest/Woodland Central Appalachian Alkaline Glade and Woodland Wetlands North-Central Appalachian Acidic Swamp Wetlands North-Central Interior and Appalachian Rich Swamp Wetlands North-Central Appalachian Seepage Fen Wetlands Central Appalachian Floodplain - Forest Modifier Wetlands Central Appalachian Riparian - Forest Modifier Forest/Woodland Central Interior Highlands Calcareous Glade and Barrens Forest/Woodland Central Interior Highlands Dry Acidic Glade and Barrens Wetlands South-Central Interior Large Floodplain - Forest Modifier Wetlands South-Central Interior Small Stream and Riparian Forest/Woodland Southern and Central Appalachian Oak Forest Forest/Woodland Southern and Central Appalachian Oak Forest - Xeric Forest/Woodland South-Central Interior Mesophytic Forest Prairie Bluegrass Basin Savanna and Woodland Forest/Woodland Southern Interior Low Plateau Dry-Mesic Oak Forest Forest/Woodland Southern Interior Low Plateau Dry-Mesic Oak Forest - Evergreen Modifier Wetlands Atlantic Coastal Plain Large Natural Lakeshore Forest/Woodland Florida Peninsula Inland Scrub Wetlands Floridian Highlands Freshwater Marsh Wetlands Southern Coastal Plain Herbaceous Seepage Bog Forest/Woodland Atlantic Coastal Plain Northern Mixed Oak-Heath Forest Wetlands Mississippi River Riparian Forest Wetlands East Gulf Coastal Plain Treeless Savanna and Wet Prairie Wetlands Mississippi River Low Floodplain (Bottomland) Forest Atlantic Coastal Plain Northern Sea-Level Fen Brackish Tidal Marsh & Wetland Brackish Tidal Marsh & Wetland Atlantic Coastal Plain Southern Tidal Wooded Swamp Forest/Woodland Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest Forest/Woodland Atlantic Coastal Plain Mesic Hardwood and Mixed Forest Wetlands Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland Wetlands Atlantic Coastal Plain Clay-Based Carolina Bay Herbaceous Wetland Wetlands Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier Wetlands Atlantic Coastal Plain Brownwater Stream Floodplain Forest Wetlands Atlantic Coastal Plain Small Blackwater River Floodplain Forest Wetlands Atlantic Coastal Plain Small Brownwater River Floodplain Forest

Wetlands	Southern Coastal Plain Nonriverine Cypress Dome
Wetlands	Atlantic Coastal Plain Streamhead Seepage Swamp, Pocosin, and Baygall
Wetlands	Atlantic Coastal Plain Sandhill Seep
Forest/Woodland	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Indian River Lagoon Tidal Marsh
Coastal Dune & Freshwater Wetland	Atlantic and Gulf Coastal Plain Interdunal Wetland
Freshwater Tidal Marsh & Wetland	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh
Forest/Woodland	Atlantic Coastal Plain Central Maritime Forest
Wetlands	Atlantic Coastal Plain Depression Pondshore
Coastal Dune & Freshwater Wetland	Atlantic Coastal Plain Northern Dune and Maritime Grassland
Wetlands	Atlantic Coastal Plain Northern Wet Longleaf Pine Savanna and Flatwoods
Beach	Florida Panhandle Beach Vegetation
Wetlands	Atlantic Coastal Plain Peatland Pocosin
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh
Coastal Dune & Freshwater Wetland	Atlantic Coastal Plain Southern Dune and Maritime Grassland
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Northern Tidal Wooded Swamp
Brackish Tidal Marsh & Wetland	East Gulf Coastal Plain Tidal Wooded Swamp
Beach	Atlantic Coastal Plain Northern Sandy Beach
Forest/Woodland	Atlantic Coastal Plain Northern Maritime Forest
Brackish Tidal Marsh & Wetland	Mississippi Sound Salt and Brackish Tidal Marsh
Wetlands	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier
Wetlands	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier
Prairie	East Gulf Coastal Plain Jackson Plain Prairie and Barrens
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 Near-Coast Pine Flatwoods - Offsite Hardwood Modifier
Freshwater Tidal Marsh & Wetland	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh
Prairie	Florida Dry Prairie
Wetlands	Central Florida Pine Flatwoods
Beach	Atlantic Coastal Plain Sea Island Beach
Wetlands	Southern Coastal Plain Nonriverine Basin Swamp
Wetlands	East Gulf Coastal Plain Interior Shrub Bog
Forest/Woodland	Northern Atlantic Coastal Plain Dry Hardwood Forest
Forest/Woodland	East Gulf Coastal Plain Southern Mesic Slope Forest
Forest/Woodland	East Gulf Coastal Plain Northern Mesic Hardwood Forest
Prairie	East Gulf Coastal Plain Black Belt Calcareous Prairie and Woodland
Prairie	East Gulf Coastal Plain Black Belt Calcareous Prairie and Woodland - Herbaceous Modifier
Forest/Woodland	East Gulf Coastal Plain Black Belt Calcareous Prairie and Woodland - Woodland Modifier
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	South-Central Interior/Upper Coastal Plain Wet Flatwoods
Forest/Woodland	East Gulf Coastal Plain Northern Loess Bluff Forest
Forest/Woodland	East Gulf Coastal Plain Northern Loess Plain Oak-Hickory Upland - Hardwood Modifier
Forest/Woodland	East Gulf Coastal Plain Northern Dry Upland Hardwood Forest
Forest/Woodland	East Gulf Coastal Plain Northern Dry Upland Hardwood Forest - Offsite Pine Modifier
Wetlands	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier
Wetlands	Lower Mississippi River Bottomland Depressions - Forest Modifier
Wetlands	Central Florida Herbaceous Seep
Wetlands	Southern Coastal Plain Blackwater River Floodplain Forest
Forest/Woodland	Southern Coastal Plain Oak Dome and Hammock
Forest/Woodland	East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier
Wetlands	Atlantic Coastal Plain Xeric River Dune
Coastal Dune & Freshwater Wetland	East Gulf Coastal Plain Dune and Coastal Grassland
Wetlands	Southern Coastal Plain Hydric Hammock
Forest/Woodland	East Gulf Coastal Plain Limestone Forest

East Gulf Coastal Plain Southern Depression Pondshore Southern Coastal Plain Seepage Swamp and Baygall East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Mixed Modifier
East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Mixed Modifier
Fact Cult Coastal Disin Interior Chartlast Dire. Only Fanath, Usedward Madifian
East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Hardwood Modifier
Florida Big Bend Fresh-Oligohaline Tidal Marsh
Florida Big Bend Salt-Brackish Tidal Marsh
Lower Mississippi River Bottomland and Floodplain Forest
Mississippi Delta Maritime Forest
Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh
Atlantic Coastal Plain Northern Pondshore
Atlantic Coastal Plain Northern Tidal Salt Marsh
Atlantic Coastal Plain Northern Basin Swamp and Wet Hardwood Forest
Atlantic Coastal Plain Northern Basin Peat Swamp
Panhandle Florida Limestone Glade
Atlantic Coastal Plain Southern Beach
Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods
Atlantic Coastal Plain Southern Maritime Forest
Southwest Florida Dune and Coastal Grassland
East Gulf Coastal Plain Northern Seepage Swamp
East Gulf Coastal Plain Jackson Prairie and Woodland
East Gulf Coastal Plain Southern Loess Bluff Forest
East Gulf Coastal Plain Southern Loblolly-Hardwood Flatwoods
East Gulf Coastal Plain Northern Depression Pondshore
East Gulf Coastal Plain Small Stream and River Floodplain Forest
Southern Coastal Plain Dry Upland Hardwood Forest
Central Florida Herbaceous Pondshore
South Florida Shell Hash Beach
Southeast Florida Beach
Southwest Florida Beach
South Florida Everglades Sawgrass Marsh
South Florida Hardwood Hammock
South Florida Mangrove Swamp
South Florida Cypress Dome
South Florida Bayhead Swamp
South Florida Pine Rockland
South Honda Fine Rockand
Southeast Florida Coastal Strand and Maritime Hammock
South Florida Wet Marl Prairie
South Florida Pine Flatwoods
South Florida Willow Head
South Florida Freshwater Slough and Gator Hole
South Florida Pond-Apple/Popash Slough
Southwest Florida Perched Barriers Salt Swamp and Lagoon - Marsh Modifier
Southwest Florida Perched Barriers Salt Swamp and Lagoon - Mangrove Modifier
Unconsolidated Shore (Beach/Dune)
Deciduous Plantations
Evergreen Plantations
Successional Shrub/Scrub (Clear Cut)
Successional Shrub/Scrub (Utility Swath) Successional Shrub/Scrub (Other)

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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.