



SOUTHEAST GAP ANALYSIS PROJECT



Species Modeling Report

Mourning Dove

Zenaida macroura

Taxa: Avian

Order: Columbiformes

Family: Columbidae

SE-GAP Spp Code: **bMODO**

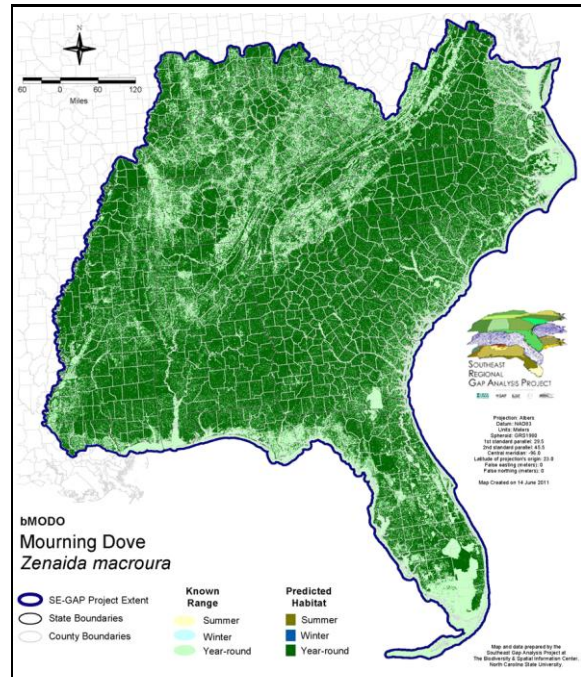
ITIS Species Code: 177125

NatureServe Element Code: ABNPB04040

KNOWN RANGE:



PREDICTED HABITAT:



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

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

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

Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/bMODO_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: AL (GB), ID (G), ID (G), KY (N), NJ (INC/S), NV (YES), NY (PB), RI (Not Listed), UT (None), BC (4 (2005)), QC (Non suivie)

NS Global Rank: G5

NS State Rank: AK (S3N), AL (S5), AR (S5), AZ (S5), CA (SNR), CO (S5), CT (S5), DC (S4N,S5B), DE (S5), FL (SNR), GA (S5), IA (S5B,S5N), ID (S5B), ID (S5B), IL (S5), IN (S5), KS (S5B), KS (S5B), KY (S5), LA (S5), MA (S5), MD (S5), ME (S5B,S5N), MI (S5), MN (SNRB,SNRN), MO (SNR), MS (S5), MT (S5B), MT (S5B), NC (S5B,S5N), ND (SNRB), NE (S5), NH (S5), NJ (S5B), NM (S5B,S5N), NV (S5), NY (S5), OH (S5), OK (S5), OR (S5), PA (S5), RI (S5B,S5N), SC (SNR), SD (S5B), SD (S5B), TN (S5), TX (S5B), UT (S5B,S3N), VA (S5), VT (S5B,S5N), WA (S5B,S5N), WI (S5B), WI (S5B), WV (S5B,S5N), WY (S5B,S5N), AB (S5), BC (S4B), LB (S2B), MB (S5B), MB (S5B), NB (S5B), NF (S2B), NS (S5B), NT (SNA), ON (S5), PE (S5B), QC (S5B), SK (S5B), YT (SNA)

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	40,317.7	< 1	11,345.7	< 1	0.0	0	0.0	0
Status 2	100,684.2	< 1	100,212.8	< 1	0.0	0	4,760.6	< 1
Status 3	901.8	< 1	1,278,076.3	2	55,993.9	< 1	655,547.4	< 1
Status 4	61.9	< 1	0.0	0	0.0	0	318.4	< 1
Total	141,965.6	< 1	1,389,634.7	2	55,993.9	< 1	660,626.5	< 1
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	60,626.0	< 1	179.3	< 1	9,883.1	< 1
Status 2	0.0	0	21,644.6	< 1	9,012.2	< 1	33.6	< 1
Status 3	67,637.9	< 1	101,280.7	< 1	0.0	0	5,136.2	< 1
Status 4	0.0	0	1.0	2	0.0	0	0.0	0
Total	67,637.9	< 1	183,552.9	< 1	9,191.5	< 1	15,052.9	< 1
	Native Am. Reserv.		State Park/Hist. Park		State WMA/Gameland		State Forest	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	726.2	< 1	16.5	< 1	0.0	0
Status 2	0.0	0	4,806.8	< 1	389,480.0	< 1	466.9	< 1
Status 3	14,378.3	< 1	401,931.3	< 1	137,197.5	< 1	247,334.7	< 1
Status 4	0.0	0	0.0	0	91,019.1	< 1	40.4	< 1
Total	14,378.3	< 1	407,464.3	< 1	617,713.0	< 1	247,842.0	< 1
	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	4,795.5	< 1	0.0	0	0.0	0
Status 2	3,701.7	< 1	34,355.3	< 1	4.9	< 1	2,506.6	< 1
Status 3	0.0	0	12,876.7	< 1	32,620.5	< 1	100,840.5	< 1
Status 4	0.0	0	0.0	0	4,637.3	< 1	< 0.1	< 1
Total	3,701.7	< 1	52,027.5	< 1	37,262.7	< 1	103,347.2	< 1
	Private Land - No Res.		Water		Overall Total			
	ha	%	ha	%	ha	%		
Status 1	0.0	0	0.0	0	127,889.8	< 1		
Status 2	0.0	0	0.0	< 1	671,670.3	< 1		
Status 3	662.9	< 1	< 0.1	< 1	3,112,416.5	6		
Status 4	73,774,988.3	93	41,182.4	< 1	74,003,206.7	93		
Total	73,775,651.1	93	41,182.6	< 1	77,915,183.3	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: The mourning dove prefers open woodlands, agricultural and residential areas, and forest edges, especially those between forest and prairie environments (Mirarchi & Baskett 1994). They typically avoid dense forested areas and swamps (Nicholson 1997, Mirarchi & Baskett 1994, Stevenson & Anderson 1994). Within the south, mourning doves appear to prefer coniferous to deciduous trees for nesting (Baskett et al. 1993), although they will frequently use deciduous trees such as water oak, red oak, sweetgum, and hickory for roosting once leaves emerge (Grand & Mirarchi 1988, Baskett et al. 1993). However, Fernald (1989) reported this species as regularly breeding in coastal scrub (SC-GAP 2001). Mourning doves forage on seeds of grass, crotons, ragweeds, corn, sorghum, and millet in clearings on ground, upper beaches, in fields, pastures, on and along roads, and at feeders (Stevenson and Anderson 1994 in SC-GAP 2001). Amy Silvano 26may05

Nest is built up to 40 feet from the ground (Ehrlich et al. 1988) in the fork of a horizontal tree limb, on top of a deserted nest of another species such as a robin or thrasher, or occasionally on a rock ledge or artificial structure (Nicholson 1997). Clutch size usually 2. Incubation lasts 13-15 days, by both sexes (male diurnally). Young are fed by at least one parent for 27 days (mainly by male after 16 days). May raise 2-5 broods/year. Pair bond life-long. ***Quoted from NC-GAP

Ecosystem Classifiers: Anthropogenic, Coastal Dune, Evergreen & Hardwood (woodland only), Glades & Barrens, Prairies systems as primary units. Beach, Evergreen, hardwood, Mixed & Maritime forests, Floodplain/Riparian (excluding blackwater) as Auxillary Units. Amy Silvano 26may05

Selected Map Units:

Functional Group	Map Unit Name
Anthropogenic	Bare Sand
Anthropogenic	Deciduous Plantations
Anthropogenic	Developed Open Space
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)
Anthropogenic	Successional Shrub/Scrub (Clear Cut)
Anthropogenic	Successional Shrub/Scrub (Other)
Anthropogenic	Successional Shrub/Scrub (Utility Swath)
Coastal Dune & Freshwater Wetland	Atlantic and Gulf Coastal Plain Interdunal Wetland
Coastal Dune & Freshwater Wetland	Atlantic Coastal Plain Northern Dune and Maritime Grassland
Coastal Dune & Freshwater Wetland	Atlantic Coastal Plain Southern Dune and Maritime Grassland
Coastal Dune & Freshwater Wetland	East Gulf Coastal Plain Dune and Coastal Grassland
Coastal Dune & Freshwater Wetland	Southwest Florida Dune and Coastal Grassland
Forest/Woodland	Alabama Ketona Glade and Woodland
Forest/Woodland	Appalachian Serpentine Woodland
Forest/Woodland	Appalachian Shale Barrens
Forest/Woodland	Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier
Forest/Woodland	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood 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 Upland Longleaf Pine Woodland
Forest/Woodland	Central Appalachian Alkaline Glade and Woodland
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 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	Florida Peninsula Inland Scrub
Forest/Woodland	Nashville Basin Limestone Glade
Forest/Woodland	Ridge and Valley Calcareous Valley Bottom Glade and Woodland
Forest/Woodland	South Florida Pine Rockland
Forest/Woodland	Southeastern Interior Longleaf Pine Woodland
Forest/Woodland	Southern and Central Appalachian Mafic Glade and Barrens
Forest/Woodland	Southern Appalachian Montane Pine Forest and Woodland
Forest/Woodland	Southern Coastal Plain Oak Dome and Hammock
Forest/Woodland	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier
Forest/Woodland	Southern Piedmont Glade and Barrens
Forest/Woodland	Southern Piedmont Mafic Hardpan Woodland
Prairie	Bluegrass Basin Savanna and Woodland
Prairie	East Gulf Coastal Plain Black Belt Calcareous Prairie and Woodland
Prairie	East Gulf Coastal Plain Black Belt Calcareous Prairie and Woodland - Herbaceous Modifier
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	East Gulf Coastal Plain Jackson Plain Dry Flatwoods - Open Understory Modifier
Wetlands	East Gulf Coastal Plain Jackson Plain Dry Flatwoods - Scrub/Shrub Understory Modifier

Selected Secondary Map Units within 120m of Primary Map Units:

Functional Group	Map Unit Name
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
Wetlands	Southern Piedmont Small Floodplain and Riparian Forest
Wetlands	Southern Piedmont Large Floodplain Forest - Forest Modifier
Forest/Woodland	Southern Appalachian Low Mountain Pine Forest
Forest/Woodland	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier
Forest/Woodland	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier
Forest/Woodland	Allegheny-Cumberland Dry Oak Forest and Woodland
Forest/Woodland	Allegheny-Cumberland Dry Oak Forest and Woodland - Pine Modifier
Forest/Woodland	Allegheny-Cumberland Dry Oak Forest and Woodland - Hardwood Modifier
Forest/Woodland	Southern Ridge and Valley Dry Calcareous Forest
Forest/Woodland	Southern Ridge and Valley Dry Calcareous Forest - Pine Modifier
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 - Virginia/Pitch Pine Modifier
Forest/Woodland	Northeastern Interior Dry Oak Forest - Mixed Modifier
Wetlands	Central Appalachian Floodplain - Forest Modifier
Wetlands	Central Appalachian Riparian - Forest Modifier
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	Southern Interior Low Plateau Dry-Mesic Oak Forest
Forest/Woodland	Southern Interior Low Plateau Dry-Mesic Oak Forest - Evergreen Modifier
Forest/Woodland	Atlantic Coastal Plain Northern Mixed Oak-Heath Forest
Wetlands	Mississippi River Riparian Forest
Wetlands	Mississippi River Low Floodplain (Bottomland) Forest
Forest/Woodland	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest
Wetlands	Atlantic Coastal Plain Brownwater Stream Floodplain Forest
Forest/Woodland	Atlantic Coastal Plain Central Maritime Forest
Beach	Florida Panhandle Beach Vegetation
Forest/Woodland	Florida Longleaf Pine Sandhill - Open Understory Modifier
Forest/Woodland	Florida Longleaf Pine Sandhill - Scrub/Shrub Understory Modifier
Beach	Atlantic Coastal Plain Northern Sandy Beach
Forest/Woodland	Atlantic Coastal Plain Northern Maritime Forest
Beach	Atlantic Coastal Plain Sea Island Beach
Forest/Woodland	Northern Atlantic Coastal Plain Dry Hardwood Forest
Forest/Woodland	East Gulf Coastal Plain Northern Loess Plain Oak-Hickory Upland - Hardwood Modifier
Forest/Woodland	East Gulf Coastal Plain Northern Loess Plain Oak-Hickory Upland - Juniper 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	Southern Coastal Plain Hydric Hammock
Forest/Woodland	East Gulf Coastal Plain Limestone Forest
Forest/Woodland	East Gulf Coastal Plain Maritime Forest
Forest/Woodland	East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Mixed Modifier
Forest/Woodland	East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Hardwood Modifier
Forest/Woodland	East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Pine Modifier
Wetlands	Lower Mississippi River Bottomland and Floodplain Forest
Forest/Woodland	Mississippi Delta Maritime Forest
Beach	Atlantic Coastal Plain Southern Beach
Forest/Woodland	Atlantic Coastal Plain Southern Maritime Forest
Wetlands	East Gulf Coastal Plain Small Stream and River Floodplain Forest
Forest/Woodland	Southern Coastal Plain Dry Upland Hardwood Forest
Beach	South Florida Shell Hash Beach
Beach	Southeast Florida Beach
Beach	Southwest Florida Beach
Wetlands	South Florida Hardwood Hammock
Forest/Woodland	Southwest Florida Coastal Strand and Maritime Hammock
Forest/Woodland	Southeast Florida Coastal Strand and Maritime Hammock
Beach	Unconsolidated Shore (Beach/Dune)
Anthropogenic	Evergreen Plantations

CITATIONS: American Ornithologists' Union (AOU), Committee on Classification and Nomenclature. 1983. Check-list of North American Birds. Sixth Edition. American Ornithologists' Union, Allen Press, Inc., Lawrence, Kansas.

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