



# SOUTHEAST GAP ANALYSIS PROJECT



## Species Modeling Report

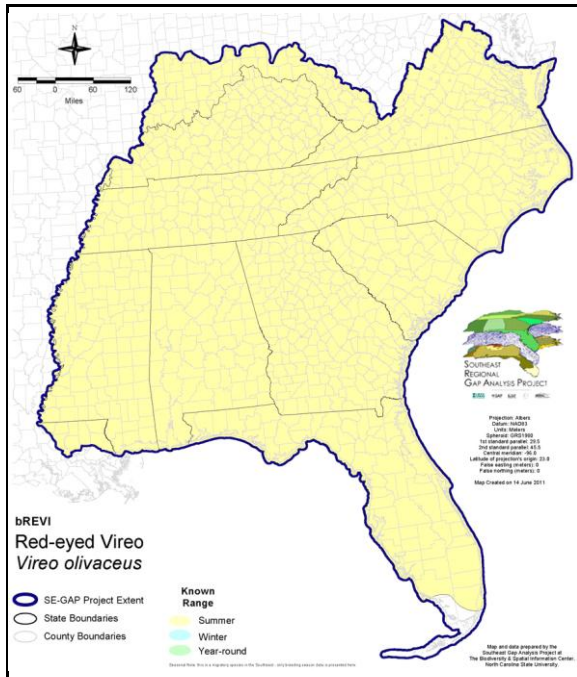
### Red-eyed Vireo

*Vireo olivaceus*

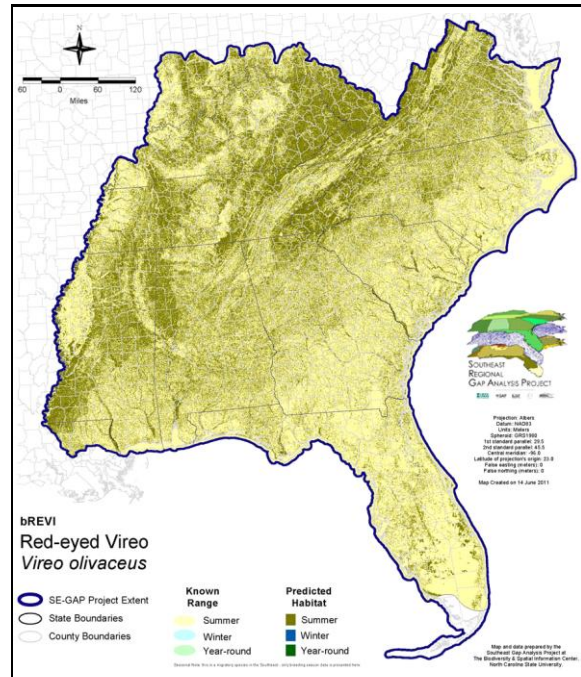
Taxa: Avian  
 Order: Passeriformes  
 Family: Vireonidae

SE-GAP Spp Code: **bREVI**  
 ITIS Species Code: 179021  
 NatureServe Element Code: ABPBW01240

#### KNOWN RANGE:



#### PREDICTED HABITAT:



Range Map Link: [http://www.basic.ncsu.edu/segap/datazip/maps/SE\\_Range\\_bREVI.pdf](http://www.basic.ncsu.edu/segap/datazip/maps/SE_Range_bREVI.pdf)

Predicted Habitat Map Link: [http://www.basic.ncsu.edu/segap/datazip/maps/SE\\_Dist\\_bREVI.pdf](http://www.basic.ncsu.edu/segap/datazip/maps/SE_Dist_bREVI.pdf)

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

Data Download: [http://www.basic.ncsu.edu/segap/datazip/region/vert/bREVI\\_se00.zip](http://www.basic.ncsu.edu/segap/datazip/region/vert/bREVI_se00.zip)

#### PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

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

NS Global Rank: G5

NS State Rank: AK (S3B), AL (S5B), AR (S4B,S4N), AZ (S1M), CA (SNA), CO (S3B), CO (S3B), CT (S5B), CT (S5B), DC (S5B,S5N), DE (S5B), FL (SNRB), GA (S5), IA (S5B,S5N), ID (S5B), ID (S5B), IL (S5), IN (S4B), KS (S3B), KY (S5B), LA (S4B), MA (S5B), MD (S5B), ME (S5B), MI (S5), MN (SNRB), MO (SNRB), MS (S5B), MS (S5B), MT (S5B), MT (S5B), NC (S5B), NC (S5B), ND (SNRB), NE (S4), NH (S5B), NJ (S4B), NM (S4N), NV (SNA), NY (S5), OH (S5), OK (S5B), OR (S4), PA (S5B), RI (S5B), SC (SNRB), SD (S5B), SD (S5B), TN (S5), TX (S5B), UT (SNA), VA (S5), VT (S5B), VT (S5B), WA (S3B), WA (S3B), WI (S5B), WI (S5B), WV (S5B), WY (S3B), WY (S3B), AB (S5), BC (S4B), LB (S2B), MB (S5B), MB (S5B), NB (S5B), NF (S3B), NS (S5B), NT (SNRB), ON (S5B), PE (S5B), QC (S5B), SK (S5B), SK (S5B), YT (S1B)

**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	54,059.9	< 1	33,057.6	< 1	0.0	0	0.0	0
Status 2	125,258.0	< 1	355,373.3	< 1	0.0	0	4,457.2	< 1
Status 3	2,975.6	< 1	1,980,852.7	4	46,908.1	< 1	296,445.9	< 1
Status 4	61.4	< 1	0.0	0	0.0	0	94.4	< 1
Total	182,354.8	< 1	2,369,283.6	5	46,908.1	< 1	300,997.4	< 1
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	285,405.3	< 1	59.0	< 1	7,170.1	< 1
Status 2	0.0	0	19,312.7	< 1	16,881.0	< 1	11.5	< 1
Status 3	27,176.9	< 1	103,067.7	< 1	0.0	0	1,625.3	< 1
Status 4	0.0	0	0.0	< 1	0.0	0	0.0	0
Total	27,176.9	< 1	407,786.3	< 1	16,940.1	< 1	8,807.0	< 1
	Native Am. Reserv.		State Park/Hist. Park		State WMA/Gameland		State Forest	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	1,334.2	< 1	72.9	< 1	0.0	0
Status 2	0.0	0	17,540.5	< 1	534,143.1	1	1,412.6	< 1
Status 3	24,294.5	< 1	312,074.4	< 1	165,539.9	< 1	96,535.9	< 1
Status 4	0.0	0	0.0	0	68,438.8	< 1	14.1	< 1
Total	24,294.5	< 1	330,949.0	< 1	768,194.6	2	97,962.7	< 1
	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	13,506.5	< 1	0.0	0	0.0	0
Status 2	6,131.7	< 1	74,774.2	< 1	5.0	< 1	1,571.6	< 1
Status 3	0.0	0	8,319.9	< 1	9,521.7	< 1	39,660.4	< 1
Status 4	0.0	0	2.1	< 1	2,051.7	< 1	0.0	0
Total	6,131.7	< 1	96,602.6	< 1	11,578.4	< 1	41,232.0	< 1
	Private Land - No Res.		Water		Overall Total			
	ha	%	ha	%	ha	%		
Status 1	0.0	0	0.0	0	394,665.5	< 1		
Status 2	0.0	0	0.0	4	1,156,872.3	3		
Status 3	415.5	< 1	< 0.1	< 1	3,115,414.4	11		
Status 4	37,813,865.0	85	38,015.4	< 1	37,990,920.9	85		
Total	37,814,280.5	85	38,015.6	< 1	42,657,873.1	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):

### Summer Model:

Habitat Description: Red-eyed vireos favor deciduous and mixed-deciduous forests (Cimprich et al 2000) in both bottomland and upland environments (GA-GAP 2003). They typically breed in mature (Fussell 1994) or second growth (Nicholson 1997), wet or dry (Potter et al. 1980), deciduous or mixed open woods with an undergrowth of saplings. In addition red-eyed vireos will also commonly occur in forest clearings, burned areas, wooded edges of streams (Kaufman 1996) , orchards (NatureServe 2005) and residential areas where large trees grow (Cimprich et al 2000). In general this species tends to avoid coniferous forests (Nicholson 1997), however in Louisiana they are generally abundant in loblolly-shortleaf pine-upland hardwood forests (Barry et al 1995). Amy Silvano 06jun05

Ecosystem Classifiers: Mixed Forest, All Hardwood categories including maritime and Mangrove forest in FL, developed open space, Low urban, Hardwood & Loblolly Flatwoods, Oak Swamp, and Riparian (excluded Blackwater & Herb mods). Amy Silvano 06jun05

Elevation Mask: < 1524m

Contiguous Patch Minimum Size (hectares): 3

### Selected Map Units:

Functional Group	Map Unit Name
Anthropogenic	Deciduous Plantations
Anthropogenic	Low Intensity Developed
Anthropogenic	Successional Shrub/Scrub (Clear Cut)
Anthropogenic	Successional Shrub/Scrub (Other)
Anthropogenic	Successional Shrub/Scrub (Utility Swath)
Brackish Tidal Marsh & Wetland	South Florida Mangrove Swamp
Brackish Tidal Marsh & Wetland	Southwest Florida Perched Barriers Salt Swamp and Lagoon - Mangrove Modifier
Forest/Woodland	Allegheny-Cumberland Dry Oak Forest and Woodland
Forest/Woodland	Allegheny-Cumberland Dry Oak Forest and Woodland - Hardwood Modifier
Forest/Woodland	Appalachian Hemlock-Hardwood Forest
Forest/Woodland	Atlantic Coastal Plain Central Maritime Forest
Forest/Woodland	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest
Forest/Woodland	Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier
Forest/Woodland	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest
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	Central and Southern Appalachian Montane Oak Forest
Forest/Woodland	Central and Southern Appalachian Northern Hardwood Forest
Forest/Woodland	Central and Southern Appalachian Spruce-Fir Forest
Forest/Woodland	Central Appalachian Oak and Pine Forest
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 Upland Longleaf Pine Woodland - Offsite Hardwood Modifier
Forest/Woodland	East Gulf Coastal Plain Limestone Forest
Forest/Woodland	East Gulf Coastal Plain Maritime Forest
Forest/Woodland	East Gulf Coastal Plain Northern Dry Upland Hardwood Forest
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 Mesic Hardwood Forest
Forest/Woodland	East Gulf Coastal Plain Southern Loess Bluff Forest
Forest/Woodland	East Gulf Coastal Plain Southern Mesic Slope Forest
Forest/Woodland	Mississippi Delta Maritime Forest
Forest/Woodland	Northeastern Interior Dry Oak Forest - Mixed Modifier
Forest/Woodland	Northeastern Interior Dry Oak Forest-Hardwood Modifier
Forest/Woodland	Northern Atlantic Coastal Plain Dry Hardwood Forest

Forest/Woodland	South-Central Interior Mesophytic Forest
Forest/Woodland	Southeast Florida Coastal Strand and Maritime Hammock
Forest/Woodland	Southern and Central Appalachian Cove Forest
Forest/Woodland	Southern and Central Appalachian Oak Forest
Forest/Woodland	Southern and Central Appalachian Oak Forest - Xeric
Forest/Woodland	Southern Appalachian Montane Pine Forest and Woodland
Forest/Woodland	Southern Coastal Plain Dry Upland Hardwood Forest
Forest/Woodland	Southern Coastal Plain Oak Dome and Hammock
Forest/Woodland	Southern Interior Low Plateau Dry-Mesic Oak Forest
Forest/Woodland	Southern Interior Low Plateau Dry-Mesic Oak Forest - Evergreen Modifier
Forest/Woodland	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier
Forest/Woodland	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier
Forest/Woodland	Southern Piedmont Dry Oak-Heath Forest - Hardwood Modifier
Forest/Woodland	Southern Piedmont Dry Oak-Heath Forest - Mixed Modifier
Forest/Woodland	Southern Piedmont Mafic Hardpan Woodland
Forest/Woodland	Southern Piedmont Mesic Forest
Forest/Woodland	Southern Piedmont Northern Triassic Basin Dry Forest
Forest/Woodland	Southern Ridge and Valley Dry Calcareous Forest
Forest/Woodland	Southern Ridge and Valley Dry Calcareous Forest - Hardwood Modifier
Forest/Woodland	Southwest Florida Coastal Strand and Maritime Hammock
Wetlands	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier
Wetlands	Atlantic Coastal Plain Brownwater Stream Floodplain Forest
Wetlands	Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier
Wetlands	Atlantic Coastal Plain Small Blackwater River Floodplain Forest
Wetlands	Atlantic Coastal Plain Small Brownwater River Floodplain Forest
Wetlands	Central Appalachian Floodplain - Forest Modifier
Wetlands	Central Appalachian Riparian - Forest Modifier
Wetlands	East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier
Wetlands	East Gulf Coastal Plain Near-Coast Pine Flatwoods - Offsite Hardwood Modifier
Wetlands	East Gulf Coastal Plain Small Stream and River Floodplain Forest
Wetlands	East Gulf Coastal Plain Southern Loblolly-Hardwood Flatwoods
Wetlands	Lower Mississippi River Bottomland and Floodplain Forest
Wetlands	Lower Mississippi River Bottomland Depressions - Forest Modifier
Wetlands	Mississippi River Low Floodplain (Bottomland) Forest
Wetlands	Mississippi River Riparian Forest
Wetlands	South Florida Hardwood Hammock
Wetlands	South-Central Interior Large Floodplain - Forest Modifier
Wetlands	South-Central Interior Small Stream and Riparian
Wetlands	Southern Coastal Plain Blackwater River Floodplain Forest
Wetlands	Southern Piedmont Large Floodplain Forest - Forest Modifier
Wetlands	Southern Piedmont Small Floodplain and Riparian Forest

**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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