



SOUTHEAST GAP ANALYSIS PROJECT



Species Modeling Report

Golden-crowned Kinglet

Regulus satrapa

Taxa: Avian

Order: Passeriformes

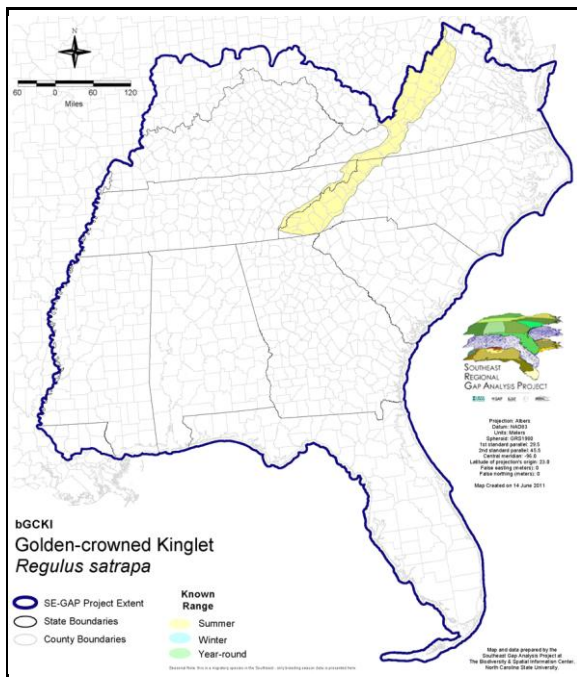
Family: Regulidae

SE-GAP Spp Code: **bGCKI**

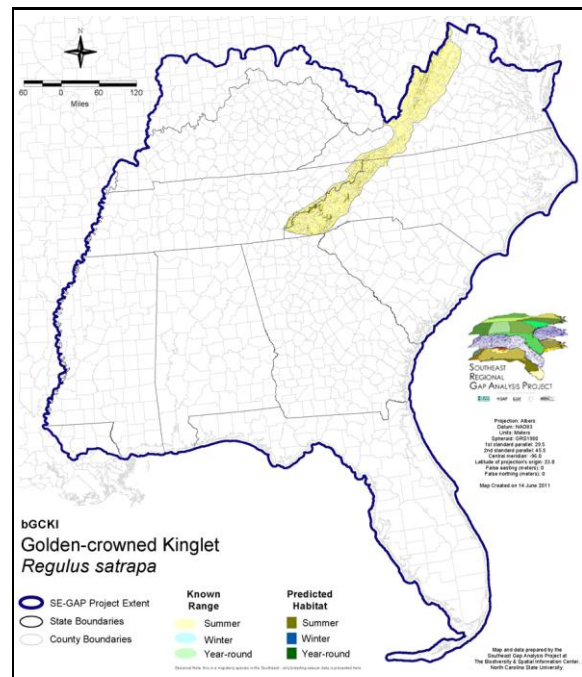
ITIS Species Code: 179865

NatureServe Element Code: ABPBJ05010

KNOWN RANGE:



PREDICTED HABITAT:



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

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

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

Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/bGCKI_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: ID (P), KY (N), NC (W2,W5), NJ (S/S), NV (YES), NY (PB), OH (SI), RI (Not Listed), UT (None), VA (SC), BC (4 (2005)), QC (Non suivie)

NS Global Rank: G5

NS State Rank: AK (S4S5), AL (S5N), AR (S4N), AZ (S3), CA (S5), CO (S4), CT (S2B), CT (S2B), DC (S3S4N), DE (SNA), FL (SNRN), GA (S5), IA (S4N), ID (S5), IL (S1), IN (SNA), KS (S3N), KY (S5N), LA (S5N), MA (S2B,S5N), MD (S2B), ME (S5B,S5N), MI (S5), MN (SNRB,SNRN), MO (SNRN), MS (S5N), MT (S5), NC (S3S4B,S5N), ND (SNA), NE (SNRN), NH (S5), NJ (S4B,S4N), NM (S4B,S4N), NV (S4S5N), NY (S5), OH (SNA), OK (S3N), OR (S4), PA (S3S4B,S5N), RI (S1B), SC (S4), SD (S4B,S4N), TN (S3B,S4N), TX (S4N), UT (S4), VA (S2B,S5N), VT (S5B), VT (S5B), WA (S4S5B), WI (S3B), WI (S3B), WV (S4B,S4N), WY (S3B,S4N), AB (S5), BC (S5B), LB (S1?B), MB (S4B), MB (S4B), NB (S5B), NF (S5B), NS (S5B), NT (SNRB), NU (SNR), ON (S5B), PE (S5B), QC (S5B), SK (S4B), SK (S4B), YT (S3B)

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	5,442.9	< 1	0.0	0	0.0	0
Status 2	0.0	0	29,098.3	4	0.0	0	0.0	0
Status 3	0.0	0	146,954.2	21	0.0	0	86.0	< 1
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	0.0	0	181,495.4	26	0.0	0	86.0	< 1
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	60,785.5	9	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	6,831.9	< 1	0.0	0	0.0	0
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	0.0	0	67,617.4	10	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	2,533.1	< 1	0.0	0
Status 3	2,471.1	< 1	2,161.8	< 1	1,145.2	< 1	113.0	< 1
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	2,471.1	< 1	2,161.8	< 1	3,678.2	< 1	113.0	< 1
	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	767.4	< 1	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	27.5	< 1	0.0	0
Total	0.0	0	767.4	< 1	27.5	< 1	0.0	0
	Private Land - No Res.		Water		Overall Total			
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	0.0	0	66,228.4 10			
Status 2	0.0	0	0.0	0	32,398.7 5			
Status 3	0.0	0	0.0	0	159,763.1 44			
Status 4	287,625.8	42	8.8	< 1	287,662.1 42			
Total	287,625.8	42	8.8	< 1	546,052.3 100			

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):

Summer Model:

Habitat Description: Golden-crowned kinglets are found in the mountains, chiefly in the spruce-fir forests, and to a lesser degree in hemlock and white pine forests (Hamel 1992, Simpson 1992). Prefers coniferous forests, usually dense (Kaufman 1996) and mature stands (Hamel 1992). Also inhabits forests of hardwoods mixed with conifers (Hamel 1992).

Nests are usually attached to twigs of a horizontal branch of a spruce or other conifer (Ehrlich et al 1988, Harrison 1975, Kaufman 1996, Potter et al 1980). The hanging nest is a mass of moss, lichens, bark strips, spider webs, twigs, and leaves (Ehrlich et al 1988, Kaufman 1996). Golden-crowned kinglets actively hop among branches, twigs, foliage, searching for small insects, larvae, insect eggs, and other small invertebrates (Kaufman 1996). In addition to hopping, they also hover and glean at times (Ehrlich et al 1988).

Quoted from habitat notes - K. Cook - 4-17-08

Elevation Mask: > 300m and < 2500m

Selected Map Units:

Functional Group	Map Unit Name
Anthropogenic	Evergreen Plantations
Forest/Woodland	Allegheny-Cumberland Dry Oak Forest and Woodland - Pine Modifier
Forest/Woodland	Appalachian Hemlock-Hardwood 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	Central Appalachian Pine-Oak Rocky Woodland
Forest/Woodland	East Gulf Coastal Plain Northern Dry Upland Hardwood Forest - Offsite Pine Modifier
Forest/Woodland	Northeastern Interior Dry Oak Forest - Mixed Modifier
Forest/Woodland	Northeastern Interior Dry Oak Forest - Virginia/Pitch Pine Modifier
Forest/Woodland	Southern Appalachian Low Mountain Pine Forest
Forest/Woodland	Southern Appalachian Montane Pine Forest and Woodland
Forest/Woodland	Southern Piedmont Dry Oak-Heath Forest - Virginia/Pitch Pine Modifier
Forest/Woodland	Southern Ridge and Valley Dry Calcareous Forest - Pine Modifier
Wetlands	North-Central Appalachian Acidic Swamp

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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This data was compiled and/or developed
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