



# SOUTHEAST GAP ANALYSIS PROJECT



## Species Modeling Report

### Yellow-bellied Flycatcher

*Empidonax flaviventris*

Taxa: Avian

Order: Passeriformes

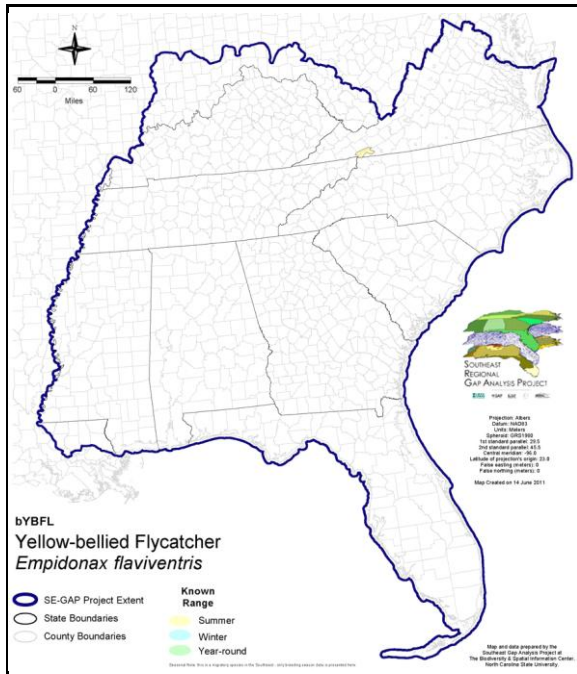
Family: Tyrannidae

SE-GAP Spp Code: **bYBFL**

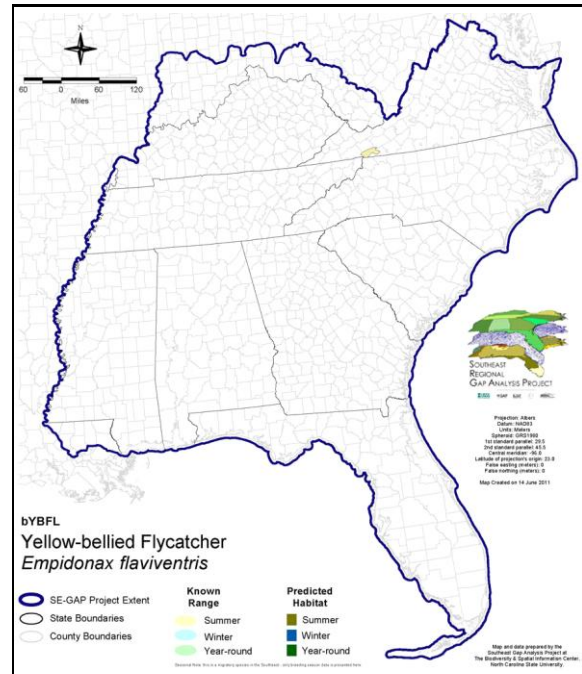
ITIS Species Code: 178338

NatureServe Element Code: ABPAE33010

#### KNOWN RANGE:



#### PREDICTED HABITAT:



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

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

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

Data Download: [http://www.basic.ncsu.edu/segap/datazip/region/vert/bYBFL\\_se00.zip](http://www.basic.ncsu.edu/segap/datazip/region/vert/bYBFL_se00.zip)

#### PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: KY (N), NJ (S), NY (PB), PA (PE), RI (Not Listed), VA (SC), VA (SC), WI (SC/M), WI (SC/M), BC (4 (2005)), QC (Non suivie)

NS Global Rank: G5

NS State Rank: AK (S2B), AL (SNA), AR (SNA), AZ (SNA), CT (SNA), DC (S1S2N), DE (SNA), FL (SNA), GA (SNRN), IA (S3N), IL (SNA), IN (SNA), IN (SNA), KS (SNA), KY (SNA), LA (SNA), MA (S3N), MD (SNA), ME (S4S5B), MI (SNA), MN (SNRB), MO (SNA), MS (SNA), MT (SNA), NC (SUB), NC (SUB), ND (SNA), NE (SNRN), NH (S5B), NJ (SNA), NM (SNA), NY (S3), OH (SNA), OK (S2N), PA (S1S2B), RI (SNA), SC (SUB), SD (SNA), TN (S3N), TX (S4N), VA (S1B), VA (S1B), VT (S4B), VT (S4B), WI (S4B), WI (S4B), WV (S1B), AB (S3), BC (S4B), LB (S5B), MB (S5B), MB (S5B), NB (S5B), NF (S5B), NS (S5B), NT (SNRB), ON (S5B), PE (S5B), QC (S5B), SK (S5B,S5M), 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	0.0	0	0.0	0	0.0	0
Status 2	0.0	0	609.6	23	0.0	0	0.0	0
Status 3	0.0	0	625.5	24	0.0	0	0.0	0
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	0.0	0	1,235.1	47	0.0	0	0.0	0
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	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	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	0.0	0	0.0	0
Total	0.0	0	0.0	0	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	0.0	0	0.0	0
Status 3	0.0	0	17.3	< 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	17.3	< 1	0.0	0	0.0	0
	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	0.0	0	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	0.0	0	0.0	0
Total	0.0	0	0.0	0	0.0	0	0.0	0
	Private Land - No Res.		Water		Overall Total			
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	0.0	0	0.0 0			
Status 2	0.0	0	0.0	0	609.6 23			
Status 3	0.0	0	0.0	0	642.8 49			
Status 4	733.3	28	0.0	0	733.3 28			
Total	733.3	28	0.0	0	1,985.7 100			

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: These flycatchers use damp coniferous forest, swamps, and bogs (NATURE SERVE). Nests on or near ground, in side of mossy mound or among roots of upturned tree, usually well hidden in sphagnum moss or growing herbage (NATURE SERVE).

Quoted directly from existing state habitat notes - K. Cook, 17Feb05

### Selected Map Units:

Functional Group	Map Unit Name
Forest/Woodland	Allegheny-Cumberland Dry Oak Forest and Woodland - Pine Modifier
Forest/Woodland	Appalachian Hemlock-Hardwood Forest
Forest/Woodland	Central and Southern Appalachian Spruce-Fir Forest
Forest/Woodland	Southern Appalachian Low Mountain Pine Forest
Forest/Woodland	Southern Appalachian Montane Pine Forest and Woodland
Forest/Woodland	Southern Ridge and Valley Dry Calcareous Forest - Pine Modifier
Wetlands	Central Appalachian Floodplain - Forest Modifier

**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.

Bent, A.C. 1942. Life histories of North American flycatchers, larks, swallows, and their allies. U.S. National Museum Bulletin 179. Washington, D.C.

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Keast, A., and E. S. Morton. 1980. Migrant birds in the Neotropics; ecology, distribution, and conservation. Smithsonian Inst. Press, Washington, D.C.

Rappole, J.H., and D.W. Warner. 1980. Ecological aspects of migrant bird behavior in Veracruz, Mexico. Pages 353-393 in A. Keast and E.S. Morton, editors. Migrant birds in the neotropics:ecology, behavior, distribution, and conservation. Smithsonian Insti

Sauer, J.R., and S. Droege. 1992. Geographical patterns in population trends of neotropical migrants in North America. Pages 26-42 in J.M. Hagan III and D.W. Johnston, editors. Ecology and conservation of neotropical migrant landbirds. Smithsonian Institu

Stiles, F.G., and A.F. Skutch. 1989. A guide to the birds of Costa Rica. Comstock Publ. Associates, Cornell University Press, Ithaca, New York. 511 pp.

Terres, J.K. 1980. The Audubon Society encyclopedia of North American birds. Alfred A. Knopf, New York.

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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.