



# SOUTHEAST GAP ANALYSIS PROJECT



## Species Modeling Report

### Purple Finch

*Carpodacus purpureus*

Taxa: Avian

Order: Passeriformes

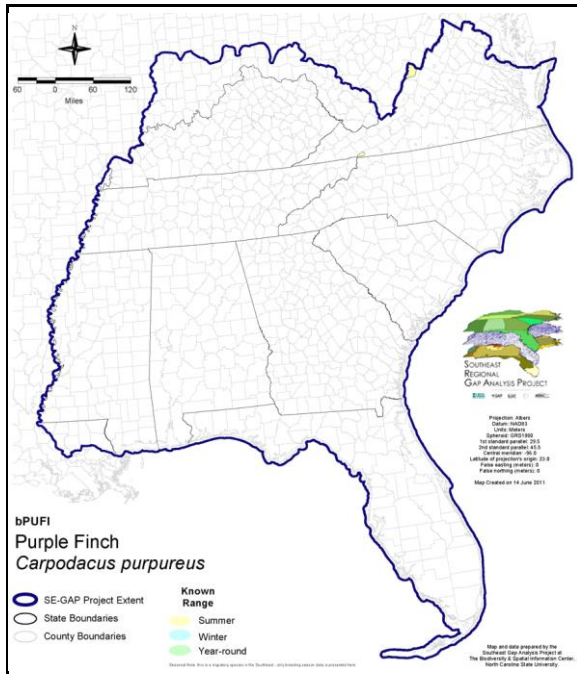
Family: Fringillidae

SE-GAP Spp Code: **bPUFI**

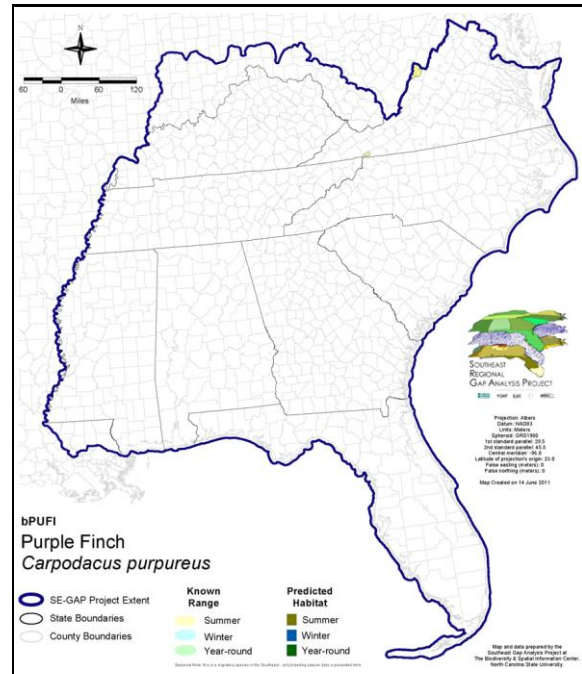
ITIS Species Code: 179186

NatureServe Element Code: ABPBY04020

#### KNOWN RANGE:



#### PREDICTED HABITAT:



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

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

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

Data Download: [http://www.basic.ncsu.edu/segap/datazip/region/vert/bPUFI\\_se00.zip](http://www.basic.ncsu.edu/segap/datazip/region/vert/bPUFI_se00.zip)

#### PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: ID (P), KY (N), 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 (SNA), AL (S5N), AR (S4N), AZ (S1S2N), CA (SNR), CO (SNA), CT (S4B), DC (S3N), DE (SNA), FL (SNA), GA (S5), IA (S5N), ID (SNA), IL (SNA), IN (S3N), KS (SNA), KY (S4N), LA (S4N), MA (S4), MD (S3B,S3N), ME (S4N,S5B), MI (S5), MN (SNRB,SNRN), MO (SNRN), MS (SNA), MT (SNA), NC (S4N), ND (SNRB), NE (SNRN), NH (S5), NJ (S4B,S4N), NM (SNA), NV (SNA), NY (S5), OH (S3), OK (S5N), OR (S4), PA (S5B,S5N), RI (S3B), SC (SNRN), SD (S4N), TN (S3S4N), TX (S4), UT (SNA), VA (S1B,S5N), VT (S4N,S5B), WA (S4B,S4N), WI (S4B), WV (S4B,S4N), WY (S5N), AB (S5), BC (S4B), LB (S1S2B), MB (S5B), NB (S4B), NF (S4B), NS (S5B), NT (SNRB), NU (SNA), ON (S4B), PE (S5B), QC (S5B), SK (S5B), YT (S5B)

**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	359.1	5	0.0	0	0.0	0
Status 3	0.0	0	285.2	4	0.0	0	0.0	0
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	0.0	0	644.3	9	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	52.7	< 1	0.0	0
Status 3	0.0	0	186.8	2	0.0	0	0.0	0
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	0.0	0	186.8	2	52.7	< 1	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	0.0	0
Status 2	0.0	0	0.0	0	411.8	6	411.8	6
Status 3	0.0	0	0.0	0	472.0	10	472.0	10
Status 4	6,310.6	84	0.0	0	6,310.6	84	6,310.6	84
Total	6,310.6	84	0.0	0	7,194.3	100	7,194.3	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: Purple finches use open coniferous forest (especially fir and spruce), mixed forest, forest edge, open woodland, second growth, cultivated areas with trees, swamp openings, city parks, suburbs. Nests usually high in conifers in the east, in both conifers and deciduous trees in the west (Terres 1980).

Quoted from Nature serve - K. Cook -5-27-05

Additional information:

Keller (1990) found that they do not breed in oldgrowth continuous deciduous forest. They also breed in shrub bog edges (Wootton 1996).K. Cook -5-27-05

Mask of Forest/Open Ecotone: Include within 60m of ecotone edge.

Mask of Woodlands and Shrublands: Include all woodland and shrubland interiors and 60m buffer from them.

### Selected Map Units:

Functional Group	Map Unit Name
Anthropogenic	Deciduous Plantations
Anthropogenic	Developed Open Space
Anthropogenic	Evergreen Plantations
Anthropogenic	High Intensity Developed
Anthropogenic	Low Intensity Developed
Anthropogenic	Medium Intensity Developed
Anthropogenic	Pasture/Hay
Anthropogenic	Row Crop
Anthropogenic	Successional Shrub/Scrub (Clear Cut)
Anthropogenic	Successional Shrub/Scrub (Other)
Anthropogenic	Successional Shrub/Scrub (Utility Swath)
Bald	Central Appalachian Montane Rocky Bald - Herbaceous Modifier
Bald	Central Appalachian Montane Rocky Bald - Shrub Modifier
Forest/Woodland	Appalachian Hemlock-Hardwood Forest
Forest/Woodland	Appalachian Serpentine Woodland
Forest/Woodland	Appalachian Shale Barrens
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 Alkaline Glade and Woodland
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	Southern and Central Appalachian Oak Forest
Forest/Woodland	Southern and Central Appalachian Oak Forest - Xeric
Forest/Woodland	Southern Piedmont Dry Oak-Heath Forest - Virginia/Pitch Pine Modifier
Wetlands	Central Appalachian Floodplain - Forest Modifier
Wetlands	Central Appalachian Floodplain - Herbaceous Modifier
Wetlands	Central Appalachian Riparian - Forest Modifier
Wetlands	Central Appalachian Riparian - Herbaceous Modifier
Wetlands	Central Interior Highlands and Appalachian Sinkhole and Depression Pond
Wetlands	North-Central Appalachian Acidic Swamp
Wetlands	North-Central Appalachian Seepage Fen
Wetlands	North-Central Interior and Appalachian Rich Swamp
Wetlands	Southern and Central Appalachian Bog and Fen

**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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Wootton, J. T. 1996. Purple Finch (*Carpodacus purpureus*). In *The Birds of North America*, No. 208 (A. Poole and F. Gill, eds.). The Academy of Natural Sciences, Philadelphia, and The American Ornithologists' Union, Washington, D.C.

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This data was compiled and/or developed  
by the Southeast GAP Analysis Project at  
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