

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: Tawny crescent (<i>Phyciodes batesii</i>)			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	B	The tawny crescent occurs in all states except Kansas. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> • www.natureserve.org
2 Distribution outside R2	C	Subspecies BATESII is globally rare (see separate global ranking documentation). It is extant in North Carolina and probably Georgia (critically imperiled or imperiled), and in extreme eastern Ontario and in Quebec, but probably extirpated in between. It is extirpated or historic in at least Maine, New York, West Virginia, Virginia and Pennsylvania. It should definitely be treated as reported, unverified, extirpated if it did occur for New Jersey. Other states that should have false reports for their state ranks for the species are Ohio, Indiana, Iowa, and Illinois (see Scott, 1994). Subspecies LAKOTA is the widespread Canadian and northern United States version that ranges from about Michigan and most of Ontario west to at least Nebraska and over much of Canada. Subspecies ANASAZI is apparently widespread in the West, including at least Wyoming, Colorado, Arizona and Utah. Subspecies APSALOOKE is apparently restricted to the Bighorn Mountains of Wyoming and probably Montana. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> • www.natureserve.org
3 Dispersal Capability	D	Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> •
4 Abundance in R2	D	There are no abundance data for this species. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> •
5 Population Trend in R2	B	Declining or (mostly) extirpated in eastern states. Stable westward and in most of central and western Canada. The species is viewed as imperiled in South Dakota and Nebraska, a migratory transient in Wyoming, and an exotic in Colorado. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> •

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<p>6 Habitat Trend in R2</p>	<p>D</p>	<p>Habitat varies in different part of the range. Various types of glades, barrens, savannahs and artificial openings such as pastures have been reported, generally in more or less wooded country, for subspecies BATESII (see Scott (1994)). In Canada and parts of the Midwest and Plains states subspecies LAKOTA uses various more or less open dry habitats like oak savannahs, open grassy pine barrens, ponderosa pine savannas, aspen parkland. More mesic sites are probably used in the western most part of the range such as Alberta. Scott questions the accuracy of reports of moist habitats farther east. The two western subspecies occur in canyons. Beacause of ambiguous accounts of this species' habitat it is difficult to develop inferences concerning habitat trends.</p> <p>Confidence in Rank High or Medium or Low</p>	<ul style="list-style-type: none"> • www.natureserve.org
<p>7 Habitat Vulnerability or Modification</p>	<p>D</p>	<p>Confidence in Rank High or Medium or Low</p>	<ul style="list-style-type: none"> •
<p>8 Life History and Demographics</p>	<p>D</p>	<p>Confidence in Rank High or Medium or Low</p>	<ul style="list-style-type: none"> •
<p>Initial Evaluator(s): John Sidle</p>			<p>Date: 7/13/01</p>

National Forests in the Rocky Mountain Region where species is KNOWN (K) or LIKELY(L)¹ to occur:

<u>Colorado NF/NG</u>		<u>Kansas NF/NG</u>		<u>Nebraska NF/NG</u>		<u>South Dakota NF/NG</u>		<u>Wyoming NF/NG</u>			
Known	Likely	Known	Likely	Known	Likely	Known	Likely	Known	Likely		
		Cimmaron NG		Samuel R.McKelvie NF	L	Black Hills NF		L	Shoshone NF		
				Halsey NF		Buffalo Gap NG	K		Bighorn NF		
				Nebraska NF		Ft. Pierre NG		L	Black Hills NF		
				Ogalala NG					Medicine Bow NF		
									Thunder Basin NG		

References

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¹ Likely is defined as more likely to occur than not occur on the National Forest or Grassland. This generally can be thought of as having a 50% chance or greater of appearing on NFS lands.

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