

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: Broad-winged skipper ( <i>Poanes viator</i> )			
Criteria	Rank	Rationale	Literature Citations
<p><b>1</b> Distribution within R2</p>	<b>A1</b>	<p>Within region species is known from only a few wetlands in northeastern South Dakota and north-central Nebraska.</p> <p>Confidence in Rank <b>High</b></p>	<ul style="list-style-type: none"> <li>• Opler, Stanford, and Pavulaan. 2001. Butterflies of North America. Web site of USGS.</li> <li>• Royer, R.A. and G.M. Marrone. 1992. Conservation status of the Regal Fritillary (<i>Speyeria idalia</i>) in North and South Dakota. Report to U.S. Fish and Wildlife Service, Denver, Colorado.</li> <li>• Stanford, R.E. 1981. Butterflies of the Rocky Mountain States. University of Oklahoma Press, Norman.</li> </ul>
<p><b>2</b> Distribution outside R2</p>	<b>C</b>	<p>Abundant and widespread in eastern U.S.</p> <p>Confidence in Rank <b>High</b></p>	<ul style="list-style-type: none"> <li>• Opler, Stanford, and Pavulaan. 2001. Butterflies of North America. Web site of USGS.</li> <li>• Royer, R.A. and G.M. Marrone. 1992. Conservation status of the Regal Fritillary (<i>Speyeria idalia</i>) in North and South Dakota. Report to U.S. Fish and Wildlife Service, Denver, Colorado.</li> <li>• Stanford, R.E. 1981. Hesperioidea <i>in</i> Ferris and Brown. Butterflies of the Rocky Mountain States. University of Oklahoma Press, Norman.</li> </ul>
<p><b>3</b> Dispersal Capability</p>	<b>B</b>	<p>Adults can fly quite well, and may be efficient at colonizing suitable habitat within short distances.</p> <p>Confidence in Rank <b>High</b></p>	<ul style="list-style-type: none"> <li>• Opler (personal assessment)</li> </ul>

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Criteria	Rank	Rationale	Literature Citations
4 Abundance in R2	A	Distribution in region is limited. Combined with habitat fragility potential imperilment could occur under certain circumstances.  Confidence in Rank <b>Medium</b>	<ul style="list-style-type: none"> <li>Opler (personal assessment)</li> </ul>
5 Population Trend in R2	D	Insufficient information is available upon which to base any sort of estimate.  Confidence in Rank <b>High</b>	<ul style="list-style-type: none"> <li>Opler (personal assessment)</li> </ul>
6 Habitat Trend in R2	D	Insufficient information is available upon which to base any sort of estimate. Species occurs in freshwater marshes, which are subject to be invaded by cattails or loosestrife, by being filled, or burnt for weed control.  Confidence in Rank <b>Medium</b>	<ul style="list-style-type: none"> <li>Opler (personal assessment)</li> </ul>
7 Habitat Vulnerability or Modification	A	See #6 (Habitat Trend in R2) above.  Confidence in Rank <b>Medium</b>	<ul style="list-style-type: none"> <li>Opler (personal assessment)</li> </ul>
8 Life History and Demographics	A	This species is dependant on particular types of wetlands and any alteration of the vegetational composition of these wetlands could result in local extirpations of the species. This skipper uses lake sedge ( <i>Carex lacustris</i> ) and possibly other sedges as its caterpillar food plant. Adult nectar on small flowers within the wetland.  Confidence in Rank <b>High</b>	<ul style="list-style-type: none"> <li>Opler (personal assessment)</li> </ul>
Initial Evaluator(s): Paul A. Opler, Professor, Colorado Statue University, Fort Collins, Colorado 80523			Date: 8/25/2001

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

<sup>1</sup> 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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<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	X	Black Hills NF		Shoshone NF	
				Halsey NF		Buffalo Gap NG		Bighorn NF	
				Nebraska NF	X	Ft. Pierre NG		Black Hills NF	
				Ogalala NG				Medicine Bow NF	
								Thunder Basin NG	