

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: Mountain Checkered Skipper (Xanthus Skipper) / <i>Pyrgus xanthus</i> ( <i>Syrichtus macdunnoughi</i> )			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	A3	<p>Within the region, "Pyrgus xanthus" is limited to southern Colorado primarily to the west of the high plains. It is usually found in local populations, but there may be many of these local populations.</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>Opler, P.A. 1999. Field Guide to Western Butterflies. Houghton Mifflin Co., Boston, 540 pp.</li> <li>Stanford, R.E. 1981. Hesperioidea <i>in</i> Ferris and Brown. 1981. Butterflies of the Rocky Mountain States. University of Oklahoma Press, Norman.</li> </ul>
2 Distribution outside R2	B	<p>Distribution outside of Region 2 limited to higher elevations of Arizona and New Mexico.</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>Stanford, R.E. 1981. Hesperioidea <i>in</i> Ferris and Brown. 1981. Butterflies of the Rocky Mountain States. University of Oklahoma Press, Norman.</li> </ul>
3 Dispersal Capability	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>
4 Abundance in R2	D	<p>Insufficient information is available upon which to base any sort of estimate.</p> <p>Confidence in Rank <b>High</b></p>	<ul style="list-style-type: none"> <li>Opler (personal assessment)</li> </ul>
5 Population Trend in R2	D	<p>Insufficient information is available upon which to base any sort of estimate.</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
6 Habitat Trend in R2	D	Insufficient information is available upon which to base any sort of estimate. This single-brooded skipper is found in a variety of habitats including forest openings, open grasslands, and roadside ditches.  Confidence in Rank <b>High</b>	<ul style="list-style-type: none"> <li>Opler (personal assessment)</li> </ul>
7 Habitat Vulnerability or Modification	D	Insufficient information is available upon which to base any sort of assessment.  Confidence in Rank <b>High</b>	<ul style="list-style-type: none"> <li>Opler (personal assessment)</li> </ul>
8 Life History and Demographics	A	Caterpillars feed on leaves of several cinquefoils, and adults nectar at dandelions and other low flowers.  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: 08/25/2001

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National Forests in the Rocky Mountain Region where species is KNOWN (K) or LIKELY(L)<sup>1</sup> 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
Arapaho-Roosevelt NF		Cimmaron NG		Samuel R.McKelvie NF		Black Hills NF		Shoshone NF	
White River NF	X			Halsey NF		Buffalo Gap NG		Bighorn NF	
Routt NF				Nebraska NF		Ft. Pierre NG		Black Hills NF	
Grand Mesa, Uncompahgre, Gunnison NF	X			Ogalala NG				Medicine Bow NF	
San Juan NF	X							Thunder Basin NG	
Rio Grande NF	X								
Pike-San Isabel NF	X								
Comanche NG									

<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.