

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: Schryver's elfin (Moss elfin) (<i>Callophrys mossii schryveri</i>)			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	A3	Subspecies is limited to many, but isolated populations along the Rocky Mountain Front. These are being lost to effects of development, fire, and alien weed invasion. Confidence in Rank High	<ul style="list-style-type: none"> Opler, P.A. 1999. Field Guide to Western Butterflies. Houghton Mifflin Co., Boston, 540 pp. Opler, Stanford, and Pavulaan. 2001. Butterflies of North America. U.S.G. Web site. Ferris and Brown. Butterflies of the Rocky Mountain States. University of Oklahoma Press, Norman.
2 Distribution outside R2	A	Subspecies <i>schryveri</i> is limited to Region 2, but other subspecies occur to West in MT, CA, Or, and WA. Also BC. Confidence in Rank High	<ul style="list-style-type: none"> Opler, P.A. 1999. Field Guide to Western Butterflies. Houghton Mifflin Co., Boston, 540 pp. Ferris and Brown. Butterflies of the Rocky Mountain States. University of Oklahoma Press, Norman. Opler, Stanford, and Pavulaan. 2001. Butterflies of North America. U.S.G. Web site.
3 Dispersal Capability	B	No information available on this species' dispersal characteristics, although species can fly readily. Confidence in Rank High	<ul style="list-style-type: none"> Opler (personal assessment)
4 Abundance in R2	B	Isolated populations and threats from alien weeds, fire, and development pose potential threats. Confidence in Rank Medium	<ul style="list-style-type: none"> Opler (personal assessment)
5 Population Trend in R2	A	No specific population information is available, but some populations have been lost and impact from alien weeds is evident. Confidence in Rank Low	<ul style="list-style-type: none"> Opler (personal assessment)

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Criteria	Rank	Rationale	Literature Citations
6 Habitat Trend in R2	A	No specific population information is available, but some populations have been lost and impact from alien weeds is evident. Habitats are open grassy areas with herbaceous vegetation, often but not necessarily with surrounding woodland or brush land. Confidence in Rank Medium	<ul style="list-style-type: none"> Opler (personal assessment)
7 Habitat Vulnerability or Modification	B	Habitat is vulnerable to invasion by alien weeds, fire, development, and flooding. Confidence in Rank High	<ul style="list-style-type: none"> Opler (personal assessment)
8 Life History and Demographics	A	Populations occupy most suitable habitats and may not recolonize after habitats are disturbed by fire or other disturbance unless another occupied habitat is nearby. The caterpillar food plant is <i>Sedum spathulifolium</i> . Adults nectar at low flowers including dandelion. Confidence in Rank High	<ul style="list-style-type: none"> Opler (personal assessment)
Initial Evaluator(s): Paul A. Opler, Professor, Colorado Statue University, Fort Collins, Colorado 80523			Date: 8/21/2001

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

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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<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
X									
									X
									X
X									