

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: Rocky Mountain jutta arctic (<i>Oeneis jutta reducta</i>)			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	B1	<p>Within the region subspecies reproduction is limited to central Colorado, mainly Middle Park, and Wyoming where it is more widespread, being found in the Laramie Range, and most of the northwestern part of the state.</p> <p>Confidence in Rank High</p>	<ul style="list-style-type: none"> Opler, Stanford, and Pavulaan. 2001. Butterflies of North America. U.S.G.S. web site. Opler, P.A. 1999. Field Guide to Western Butterflies. Houghton Mifflin Co., Boston, 540 pp. Ferris and Brown. 1981. Butterflies of the Rocky Mountain States. University of Oklahoma Press, Norman.
2 Distribution outside R2	B	<p>Subspecies reducta is also found in the Uintah Range of Utah and widely in the Rockies of Montana. As a whole the species is widespread in temperate North American as well as Eurasia.</p> <p>Confidence in Rank High</p>	<ul style="list-style-type: none"> Opler, Stanford, and Pavulaan. 2001. Butterflies of North America. U.S.G.S. web site. Ferris and Brown. 1981. Butterflies of the Rocky Mountain States. University of Oklahoma Press, Norman.
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 High</p>	<ul style="list-style-type: none"> Opler (personal assessment)
4 Abundance in R2	C	<p>Wide distribution in Wyoming ensures that species not likely to become imperiled under current world conditions. The possibility of global climate change is the only plausible threat.</p> <p>Confidence in Rank Medium</p>	<ul style="list-style-type: none"> Opler (personal assessment)
5 Population Trend in R2	D	<p>Insufficient information is available upon which to base any sort of estimate.</p> <p>Confidence in Rank High</p>	<ul style="list-style-type: none"> Opler (personal assessment)

ATTACHMENT SS2

Species: Rocky Mountain jutta arctic (<i>Oeneis jutta reducta</i>)			
Criteria	Rank	Rationale	Literature Citations
6 Habitat Trend in R2	D	Insufficient information is available upon which to base any sort of estimate. The subspecies favors dry open lodgepole pine forest between 8,000 and 10,000' elevation. The adults fly in a single flight in alternate years and the larval host may be a species of sedge (<i>Carex</i>) based on the life history knowledge of other subspecies. The adults rarely visit flowers for nectar. Confidence in Rank Medium	<ul style="list-style-type: none"> Opler (personal assessment)
7 Habitat Vulnerability or Modification	B	It is unknown whether the habitat of this butterfly is susceptible to invasion by alien weeds or how long it takes to recover and be recolonized after extensive fires such as those in Yellowstone ecosystem. The impact of logging on its habitat and recovery is similarly unknown. Confidence in Rank Low	<ul style="list-style-type: none"> Opler (personal assessment)
8 Life History and Demographics	A	This species is dependant on open lodgepole pine stands and any alteration of the vegetational composition of these habitats could result in local extirpations of the subspecies. Confidence in Rank Medium	<ul style="list-style-type: none"> Opler (personal assessment)
Initial Evaluator(s): Paul A. Opler, Professor, Colorado Statue University, Fort Collins, Colorado 80523			Date: 08/24/2001

ATTACHMENT SS2

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
X									X
									X
	X								
	X								X

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.