

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: <i>Somatochlora hudsonica</i>/Hudsonian Emerald			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	A1	Known only from Boulder and Teller Counties, Colorado as well as Albany and Teton Counties, Wyoming. Confidence in Rank Medium	<ul style="list-style-type: none"> • Evans, M.A. 1988. Checklist of the Odonata of Colorado. Great Basin Naturalist 48: 96-101. • 'Molnar, D.R. and R.J. Lavigne. 1979. Odonata of Wyoming. Science Monograph 37, University of Wyoming Experiment Station, Laramie.
2 Distribution outside R2	C	Alaska, Canada, Colorado, Wyoming, and Montana. Confidence in Rank High	<ul style="list-style-type: none"> • Needham, J.G., Westfall, J. and M.L May. 2000. Dragonflies of North America. Scientific Publishers, Gainesville, Florida.
3 Dispersal Capability	C	Dragonflies are well known for their dispersal ability, but nothing is specifically known about this species' dispersal characteristics. Confidence in Rank Medium	<ul style="list-style-type: none"> • Opler (personal assessment)
4 Abundance in R2	A	Known from only a handful of small sites within the region. Confidence in Rank High	<ul style="list-style-type: none"> • Evans, M.A. 1988. Checklist of the Odonata of Colorado. Great Basin Naturalist 48: 96-101. • 'Molnar, D.R. and R.J. Lavigne. 1979. Odonata of Wyoming. Science Monograph 37, University of Wyoming Experiment Station, Laramie.
5 Population Trend in R2	D	No information is available on population trends in the Region. Confidence in Rank High	<ul style="list-style-type: none"> • Opler (personal assessment)
6 Habitat Trend in R2	D	No information is available on habitat trends within the region. Habitat is described as boggy ponds. Confidence in Rank High	<ul style="list-style-type: none"> • Needham, J.G., Westfall, J. and M.L May. 2000. Dragonflies of North America. Scientific Publishers, Gainesville, Florida.

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7 Habitat Vulnerability or Modification	A	Habitats are very vulnerable to development, water use alteration, and pollution, as well as situation. Livestock grazing could seriously alter the habitat. Confidence in Rank Medium	<ul style="list-style-type: none"> Opler (personal assessment)
8 Life History and Demographics	A	Because of the habitat specificity and vulnerability to habitat modification, it is believed that the species does not rapidly recover from disturbance. Confidence in Rank Medium	<ul style="list-style-type: none"> Opler (personal assessment)
Initial Evaluator(s): Paul A. Opler, professor, Colorado State University, Fort Collins, CO 80523			Date: 9/6/2001

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
	X								X
	X								
	X								
	X								
	X								

Literature cited