

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: <i>Thellungiella salsuginea</i> / Salt-lick Mustard, Saltwater Cress ( <i>Arabidopsis salsuginea</i> )			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	AD	Salt-lick Mustard is disjunct and at the southern portion of its range in Region 2. A report of this species in Wyoming was based on the misidentification of a specimen of <i>Thelypodopsis elegans</i> . This species does occur in Colorado, therefore, additional information is necessary in order to determine its status in Region 2.  This species is found on alkaline mud flats. It is not known to occur in the state.  Confidence in Rank High	<ul style="list-style-type: none"> <li>University of Wyoming 1998</li> <li>Weber and Wittmann 2001</li> </ul>
2 Distribution outside R2	B	Salt-lick Mustard is known from Siberia and the Yukon Territory to Ontario, south to Idaho, Montana, and disjunct in Colorado.  Confidence in Rank High	<ul style="list-style-type: none"> <li>Hitchcock et al. 1964</li> <li>NatureServe 2002</li> </ul>
3 Dispersal Capability	D	Not known.  Confidence in Rank High	<ul style="list-style-type: none"> <li>-</li> </ul>
4 Abundance in R2	D	There are no known populations in Wyoming. This species is falsely reported in Wyoming (based on a misidentification) and it is ranked "S1" in Colorado.  Confidence in Rank High	<ul style="list-style-type: none"> <li>NatureServe 2002</li> </ul>
5 Population Trend in R2	D	Not known.  Confidence in Rank High	<ul style="list-style-type: none"> <li>-</li> </ul>
6 Habitat Trend in R2	D	Not known.  Confidence in Rank High	<ul style="list-style-type: none"> <li>-</li> </ul>

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Criteria	Rank	Rationale	Literature Citations
7 Habitat Vulnerability or Modification	D	Not known.  Confidence in Rank High	• -
8 Life History and Demographics	D	Salt-lick Mustard is an annual forb. Flowering and fruiting occur from June through July.  Additional information on the species, including pollination biology and seed biology, are not available.  Confidence in Rank High	• Hitchcock et al. 1964
Initial Evaluator(s): Joy Handley and Bonnie Heidel			Date: July 28, 2002

**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>	Known	Likely	<u>Kansas NF/NG</u>	Known	Likely	<u>Nebraska NF/NG</u>	Known	Likely	<u>South Dakota NF/NG</u>	Known	Likely	<u>Wyoming NF/NG</u>	Known	Likely
Arapaho-Roosevelt NF			Cimmaron NG			Samuel R. McKelvie NF			Black Hills NF			Shoshone NF		
White River NF						Halsey NF			Buffalo Gap NG			Bighorn NF		
Routt NF						Nebraska NF			Ft. Pierre NG			Black Hills NF		
Grand Mesa, Uncompahgre, Gunnison NF						Ogalala NG						Medicine Bow NF		
San Juan NF												Thunder Basin NG		
Rio Grande NF														
Pike-San Isabel NF														
Comanche NG														

Literature cited

Hitchcock, C.L. and A. Cronquist. 1964. Pt. 2. Salicaceae to Saxifragaceae, IN: Hitchcock, C.L., A. Cronquist, M. Owenbey, and J.W. Thompson (eds). Vascular Plants of the Pacific Northwest. University of Washington Publications in Biology 17(2): 1-597.

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University of Wyoming – Rocky Mountain Herbarium. 1998. Atlas of the Flora of Wyoming. Posted electronically through 1998 at: <http://www.esb.utexas.edu/tchumley/wyomap/> and unposted accession information at the Rocky Mountain Herbarium through 2001.

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