

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: <i>Carex rosea</i> / Rosy Sedge			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	D	<p>Disjunct populations of rosy sedge are found on the Black Hills National Forest in Crook County, Wyoming. It also occurs in South Dakota, Nebraska, and Kansas, therefore, additional information is needed to determine its status in Region 2.</p> <p>This species grows in moist to dry open woodlands. In Wyoming, it is known from wet, wooded draws of paper birch/hazelnut and pond margins at 4900-6000 feet.</p> <p>Confidence in Rank <b>Medium</b></p>	<ul style="list-style-type: none"> <li>• Dorn 2001</li> <li>• Fertig 2000a, b</li> <li>• Great Plains Flora Association 1986</li> <li>• Johnston 2001</li> <li>• Marriott 1989a, b</li> <li>• University of Wyoming 1998</li> </ul>
2 Distribution outside R2	C	<p>This eastern deciduous forest species is found from Newfoundland to Ontario (Manitoba?), south to Florida and Texas. It is in all Great Plains states, with disjunct populations in the Black Hills of South Dakota and Wyoming.</p> <p>Confidence in Rank <b>Medium</b></p>	<ul style="list-style-type: none"> <li>• Dorn 1992</li> <li>• Gleason and Cronquist 1991</li> <li>• Great Plains Flora Association 1986</li> <li>• WYNDD 2001</li> </ul>
3 Dispersal Capability	D	<p>Dispersal vectors are not known.</p> <p>Confidence in Rank <b>Medium</b></p>	<ul style="list-style-type: none"> <li>• -</li> </ul>
4 Abundance in R2	AD	<p>Rosy sedge is known from 5 occurrences in Wyoming, all of which have been discovered since 1982 (observed most recently in 1989). All of these populations are found on the Black Hills National Forest.</p> <p>It is ranked "S1" in Wyoming, S2 in Kansas, S4 or unranked in South Dakota, and unranked in Nebraska.</p> <p>Confidence in Rank <b>Medium</b></p>	<ul style="list-style-type: none"> <li>• Fertig 2000a, b</li> <li>• Marriott 1989a</li> <li>• Marriott 1989b</li> <li>• WYNDD 2001</li> </ul>
5 Population Trend in R2	D	<p>Census data are not available.</p> <p>Confidence in Rank <b>Medium</b></p>	<ul style="list-style-type: none"> <li>• -</li> </ul>
6 Habitat Trend in R2	D	<p>Not known.</p> <p>Confidence in Rank <b>Medium</b></p>	<ul style="list-style-type: none"> <li>• -</li> </ul>

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7 Habitat Vulnerability or Modification	D	One occurrence is within the proposed Dugout Gulch Special Botanical Area on the Black Hills National Forest. All other occurrences are on National Forest lands managed for multiple use.  Confidence in Rank Medium	<ul style="list-style-type: none"> <li>Fertig 2000a</li> </ul>
8 Life History and Demographics	D	Rosy sedge is a wind-pollinated, tufted perennial that flowers and fruits more than once in its lifecycle.  Additional information on the species, including life history stages, population structure, longevity, mortality, and seed biology, are not available.  Confidence in Rank Medium	<ul style="list-style-type: none"> <li>Great Plains Flora Association 1986</li> </ul>
Initial Evaluator(s): Joy Handley, Bonnie Heidel and Scott Laursen			Date: February 2, 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	X		Shoshone NF		
White River NF						Halsey NF			Buffalo Gap NG			Bighorn NF		
Routt NF						Nebraska NF			Ft. Pierre NG			Black Hills NF	X	
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

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