

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: <i>Eriogonum visherii</i> / Dakota buckwheat			
Criteria	Rank	Rationale	Literature Citations
<p><b>1</b> Distribution within R2</p>	<p><b>B</b></p>	<p>Habitat in patches; broadly distributed across central Great Plains area (MT, WY, SD, ND). Much of the habitat is small and/or isolated such that interaction between patches is limited.</p> <p>Confidence in Rank: Medium</p>	<ul style="list-style-type: none"> <li>• NatureServe: An online encyclopedia of life [web application]. 2001. version 1.4 Arlington, Virginia.. USA: Association for Biodiversity Information. Available: <a href="http://www.natureserve.org/">http://www.natureserve.org/</a>. (Accessed: June 20, 2001)</li> <li>• McGregor, R.L. et. al. 1986. Flora of the Great Plains. University Press of Kansas. Lawrence, Kansas.</li> <li>• Schmoller, David. 1993. Status survey for <i>Eriogonum visherii</i></li> <li>• Ode, David. 1987. The status of Dakota wild buckwheat in South Dakota.</li> </ul>
<p><b>2</b> Distribution outside R2</p>	<p><b>A</b></p>	<p>Endemic to Great Plains: WY, MT, SD, ND, NE</p> <p>Confidence in Rank : High</p>	<ul style="list-style-type: none"> <li>• IBID</li> </ul>

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<b>3</b> Dispersal Capability	<b>B</b>	Likely to disperse only through suitable habitat  Confidence in Rank: <b>Medium</b>	<ul style="list-style-type: none"> <li>• IBID</li> </ul>
<b>4</b> Abundance in R2	<b>B</b>	Uncommon but numbers of populations large enough that rapid extinction unlikely. Still many potential areas unsurveyed. However, abundance in conjunction with highly variable environmental factors could pose a threat to the species.  Confidence in Rank: <b>Medium</b>	<ul style="list-style-type: none"> <li>• IBID</li> </ul>
<b>5</b> Population Trend in R2	<b>D</b>	No information available on population trend.  Confidence in Rank: <b>High</b>	<ul style="list-style-type: none"> <li>• IBID</li> </ul>
<b>6</b> Habitat Trend in R2	<b>B</b>	Stable at the moment; perhaps future threat to habitat as coal-bed methane exploration/drilling increases.  Confidence in Rank: <b>Medium</b>	<ul style="list-style-type: none"> <li>• IBID</li> </ul>
<b>7</b> Habitat Vulnerability or Modification	<b>B</b>	Habitat vulnerable to modification from coal-bed methane exploration/drilling.  Confidence in Rank: <b>Medium</b>	<ul style="list-style-type: none"> <li>• IBID</li> </ul>
<b>8</b> Life History and Demographics	<b>B</b>	Reproductive rate unknown, likely fairly low; suspect populations have intermediate to low ability to respond to disturbance.  Confidence in Rank: <b>Low</b>	<ul style="list-style-type: none"> <li>• IBID</li> </ul>
Evaluator(s):  Beth Burkhart, Fall River Ranger District, Buffalo Gap NG			Date: 06/20/2001

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National Forests in the Rocky Mountain Region where species is KNOWN (K) or LIKELY(L)<sup>1</sup> 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
		Cimmaron NG		Samuel R. McKelvie NF		Black Hills NF		Shoshone NF	
				Halsey NF		Buffalo Gap NG	X	Bighorn NF	
				Nebraska NF		Ft. Pierre NG		Black Hills NF	
				Ogalala NG				Medicine Bow NF	
								Thunder Basin NG	X

<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.