

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: <i>Juncus vaseyi</i> / Vasey Rush			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	AD	<p>Vasey Rush occurs in the Laramie Range of Albany County, Wyoming, on the Medicine Bow National Forest. It also occurs in Colorado, therefore, additional information is necessary in order to determine its status in Region 2.</p> <p>Rangewide, this species is found mostly at sites with moist, sandy soils. In Wyoming, populations occur on sandy beaches along glacial lakes in the Wind River Range (often at the edge of lodgepole pine or blue spruce woods), or in hummocky wet meadows with rich organic soils in the Laramie Range at 7300 to 8040 feet. Vasey Rush has a very restricted range in the Region 2 portion of the state.</p> <p>Confidence in Rank High</p>	<ul style="list-style-type: none"> <li>• Dorn 2001</li> <li>• Fertig 2000</li> <li>• Porter 1965</li> <li>• University of Wyoming 1998</li> </ul>
2 Distribution outside R2	C	<p>Vasey Rush is known from British Columbia to Quebec, south to Idaho, Colorado, Minnesota, Illinois, and New York. In Wyoming, it is known from outside of Region 2 in the Wind River Range in Sublette County.</p> <p>Confidence in Rank High</p>	<ul style="list-style-type: none"> <li>• Colorado Native Plant Society 1997</li> <li>• Fertig 1992a, b, 2000</li> <li>• Gleason and Cronquist 1991</li> <li>• Great Plains Flora Association 1986</li> <li>• Harrington 1954</li> <li>• Hitchcock et al. 1969</li> </ul>
3 Dispersal Capability	D	<p>Dispersal vectors are unknown.</p> <p>Confidence in Rank High</p>	<ul style="list-style-type: none"> <li>• -</li> </ul>
4 Abundance in R2	AD	<p>Vasey Rush is known from 4 occurrences in the state, all of which were last observed since 1989. Only one of these populations is in Region 2. Exact population sizes are unknown, although it is often reported as "locally common" where it does occur. This species is ranked "S1" in both Wyoming and Colorado.</p> <p>Confidence in Rank High</p>	<ul style="list-style-type: none"> <li>• Fertig 1992a, b, 2000</li> <li>• University of Wyoming 1998</li> <li>• USDA Forest Service 2001</li> <li>• WYNDD 2002</li> </ul>
5 Population Trend in R2	BD	<p>Trends are suspected to be stable based on resurvey of 2 of the known populations over time.</p> <p>Confidence in Rank High</p>	<ul style="list-style-type: none"> <li>• Fertig 1992a, b, 2000</li> <li>• WYNDD 2002</li> </ul>

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6 Habitat Trend in R2	D	Not known.  Confidence in Rank High	• -
7 Habitat Vulnerability or Modification	BD	Threats are unknown, although the 3 Sublette County populations occur on lakeshores with moderate to high recreation use. Cattle grazing may occur in the vicinity of the Albany County site. Vasey Rush occurs on lands managed for multiple use by the Bridger-Teton and Medicine Bow national forests.  Confidence in Rank High	<ul style="list-style-type: none"> <li>• Fertig 1992a, b, 2000</li> <li>• University of Wyoming 1998</li> <li>• WYNDD 2002</li> </ul>
8 Life History and Demographics	D	Vasey Rush is a tufted, perennial graminoid. Flowering and fruiting occur from June through September.  Additional information on the species, including life history stages, population structure, longevity, mortality, and seed biology, are not available.  Confidence in Rank High	<ul style="list-style-type: none"> <li>• Fertig 2000</li> <li>• Gleason and Cronquist 1991</li> <li>• Great Plains Flora Association 1986</li> <li>• Harrington 1954</li> <li>• Hitchcock et al. 1969</li> </ul>
Initial Evaluator(s): Joy Handley and Scott Laursen			Date: April 1, 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>		<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		Bighorn NF	
				Nebraska NF		Ft. Pierre NG		Black Hills NF	
				Ogalala NG				Medicine Bow NF	X
								Thunder Basin NG	

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