

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: *Juncus triglumis* var. *triglumis* / Three-flower Rush, Northern White Rush (*Juncus albescens*, *Juncus triglumis* ssp. *albescens*)

Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	AD	<p>Three-flower Rush occurs in the Beartooth Plateau and Bighorn Range in Park and Johnson counties, Wyoming, on the Shoshone and Bighorn national forests. It also occurs in Colorado, therefore, additional information is necessary to determine its status in Region 2.</p> <p>This taxon is found in wet gravels below melting snows in the alpine zone at 10,200-10,700 feet. Its range in the state is very restricted.</p> <p>Confidence in Rank High</p>	<ul style="list-style-type: none"> <li>• Dorn 2001</li> <li>• Fertig 1998, 1999a, b</li> <li>• Fertig and Bynum 1994</li> <li>• University of Wyoming 1998</li> </ul>
2 Distribution outside R2	B	<p>Three-flower Rush is circumboreal. In North America its range extends from Alaska and northern Canada, south in the Rocky Mountains to Colorado.</p> <p>Confidence in Rank High</p>	<ul style="list-style-type: none"> <li>• Cronquist et al. 1977</li> <li>• Hermann and Weber 1977</li> <li>• Hitchcock et al. 1969</li> <li>• Hulten 1968</li> <li>• Lesica and Shelly 1991</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>Three-flower Rush is known from 2 extant occurrences in Wyoming, both located since 1983 (most recently in 1999). One occurrence is on the Shoshone National Forest and one is on the Bighorn National Forest. Census data are lacking. This taxon is ranked "S1" in Wyoming and "SR" in Colorado.</p> <p>Confidence in Rank Medium</p>	<ul style="list-style-type: none"> <li>• Fertig 1998, 1999a, b</li> <li>• Fertig and Bynum 1994</li> <li>• University of Wyoming 1998</li> <li>• USDA Forest Service 2001</li> <li>• WYNDD 2002</li> </ul>
5 Population Trend in R2	D	<p>Not known.</p> <p>Confidence in Rank High</p>	<ul style="list-style-type: none"> <li>• -</li> </ul>

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Criteria	Rank	Rationale	Literature Citations
6 Habitat Trend in R2	D	Not known.  Confidence in Rank High	• -
7 Habitat Vulnerability or Modification	BD	Threats are not known and presumed limited in its remote habitat. One population occurs in the Cloud Peak Wilderness of the Bighorn National Forest and the other occurs on lands managed for multiple use by the Shoshone National Forest.  Confidence in Rank High	<ul style="list-style-type: none"> <li>• Fertig 1998, 1999a, b</li> <li>• Fertig and Bynum 1994</li> <li>• University of Wyoming 1998</li> <li>• WYNDD 2002</li> </ul>
8 Life History and Demographics	D	Three-flower Rush is a loosely tufted, rhizomatous, 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>• Cronquist et al. 1977</li> <li>• Hermann and Weber 1977</li> <li>• Hitchcock et al. 1969</li> <li>• Hulten 1968</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>	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	X	
White River NF						Halsey NF			Buffalo Gap NG			Bighorn NF	X	
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														

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