

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: *Juncus triglumis* var. *albescens* / Northern White Rush (*J. albescens*, *J. albescens* var. *albescens*)

Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	BD	<p>Northern White Rush is disjunct in Region 2. In Wyoming it occurs in the Wind River, Absaroka and Medicine Bow mountains of Albany, Fremont, and Park counties on the Shoshone and Medicine Bow national forests. It also occurs in Colorado, therefore, more information is needed in order to determine its status in Region 2.</p> <p>This arctic-alpine taxon is found along montane streambanks, in bogs, and short willow and sedge meadows on wet to saturated soils, sometimes influenced by limestone (elevation 10200-11200 feet). Its range in the state is fairly restricted and it is considered a disjunct.</p> <p>Confidence in Rank High</p>	<ul style="list-style-type: none"> • Dorn 2001 • Fertig 1998, 2000 • Jones and Fertig 1999 • Mills and Fertig 1996, 2000 • Porter 1965 • Rosenthal 1998, 1999 • Scott 1997 • University of Wyoming 1998 • Welp et al. 2000
2 Distribution outside R2	B	<p>Northern White Rush is known from Alaska to Newfoundland, south to British Columbia, northwestern Montana, and disjunct in Wyoming, Utah, and Colorado. In Wyoming it is known from outside Region 2 in the northern Wind River Range in Sublette County. Reports from the Beartooth Range are now known to represent var. <i>triglumis</i> (Hermann and Weber 1977).</p> <p>Confidence in Rank High</p>	<ul style="list-style-type: none"> • Cronquist et al. 1977 • Fertig 1992a, b • Fertig et al. 1991 • Hermann and Weber 1977 • Johnson 1962 • Lesica and Shelly 1991 • University of Wyoming 1998
3 Dispersal Capability	D	<p>Dispersal vectors are unknown.</p> <p>Confidence in Rank High</p>	<ul style="list-style-type: none"> • -
4 Abundance in R2	BD	<p>Northern White Rush is known from 5 extant occurrences, all discovered or relocated since 1990 (most recently in 1998) and one vague, older record in Wyoming. Two of these occurrences are on the Medicine Bow National Forest and 3 are on the Shoshone National Forest. Few data exist on population size, although at least two populations have been reported as locally abundant. This taxon is ranked "S1" in Wyoming and "SR" in Colorado.</p> <p>Confidence in Rank High</p>	<ul style="list-style-type: none"> • Fertig 1992a, b, 1998, 2000 • Fertig et al. 1991 • Jones and Fertig 1999 • Mills and Fertig 1996, 2000 • Rosenthal 1998, 1999 • USDA Forest Service 2001 • Welp et al. 2000 • WYNDD 2002

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Criteria	Rank	Rationale	Literature Citations
5 Population Trend in R2	D	Not known. Confidence in Rank High	• -
6 Habitat Trend in R2	D	Not known. Confidence in Rank High	• -
7 Habitat Vulnerability or Modification	BD	Northern White Rush occupies remote habitat, but it may be impacted by recreational and pack animal grazing. This taxon occurs on lands managed as wilderness by the Bridger-Teton and Shoshone national forests. It also occurs on lands managed for multiple use by the Medicine Bow and Shoshone national forests. Confidence in Rank High	<ul style="list-style-type: none"> • Fertig 1992a, b, 1998, 2000 • Fertig et al. 1991 • Jones and Fertig 1999 • Mills and Fertig 1996, 2000 • Rosenthal 1998, 1999 • Welp et al. 2000 • WYNDD 2002
8 Life History and Demographics	D	Northern White 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"> • Cronquist 1977 • Mills and Fertig 2000 • Scott 1997
Initial Evaluator(s): Joy Handley, Bonnie Heidel and Scott Laursen			Date: April 1, 2002

National Forests in the Rocky Mountain Region where species is KNOWN (K) or LIKELY(L)¹ to occur:

¹ 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		
Routt NF						Nebraska NF			Ft. Pierre NG			Black Hills NF		
Grand Mesa, Uncompahgre, Gunnison NF						Ogalala NG						Medicine Bow NF	X	
San Juan NF												Thunder Basin NG		
Rio Grande NF														
Pike-San Isabel NF														
Comanche NG														

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