

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: <i>Juncus filiformis</i> L. / Thread rush / JUF1 Global rank: G5			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	A-B	S1 in WY; S2 in CO; SR in NE Known from 6 records in WY, 1 in MedBowNF (others in Targhee NF, Yellowstone and Grand Teton NPs) not tracked in CO – no occurrence information WYNDD states this species is on the edge of a widespread range and give it a low Conservation Priority Would need some occurrence info from CO to better determine distribution in R2 Confidence in Rank Low	<ul style="list-style-type: none"> • NatureServe 2001 • WYNDD State Species Abstract 2000 • CO NHP
2 Distribution outside R2	C	S2 in UT; SR in WA, OR, ID, MT, NM, WI, MN, AK S2 in WV; S3 in PA; SR in NY, NH, VT, ME; S1 in MA In Canada: S2 in AB; S5 in SK, MB; S4 in ON, NB; SR in QC,NT, YT Widespread outside R2 Confidence in Rank Medium	<ul style="list-style-type: none"> • NatureServe 2001
3 Dispersal Capability	D	Insufficient information to determine dispersal capability Confidence in Rank High	
4 Abundance in R2	A-B	No specific information available from CO on extent of this species in the state, although it is ranked S2 – by definition, known from 6-20 occurrences. 6 records in WY and no information on abundance in NE. Confidence in Rank Low	<ul style="list-style-type: none"> • NatureServe 2001
5 Population Trend in R2	A	WYNDD rates historical trend as “Moderate Decline?”, mostly likely based on wetland development. Recent trend is listed as “Unknown”. Intrinsic Vulnerability is rated as Moderate. Confidence in Rank Moderate	<ul style="list-style-type: none"> • WYNDD State Species of Concern List 1999

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6 Habitat Trend in R2	D	Habitat: in WY, occurs on moist, sandy to gravelly banks of streams, lakes, and rivers or in seepage areas in sedge and graminoid-dominated meadows at elevations of 6700-8400 ft. Populations in Yellowstone NP may occur in thermally-influenced areas. Habitat trend rated "Unknown" by WYNDD Confidence in Rank High	<ul style="list-style-type: none"> WYNDD State Species Abstract 2000
7 Habitat Vulnerability or Modification	A-B	May be threatened by development of wetlands Confidence in Rank Medium	<ul style="list-style-type: none"> WYNDD State Species Abstract 2000
8 Life History and Demographics	D	Insufficient information to infer impacts of life history and demographics Confidence in Rank High	
Initial Evaluator(s): Beth A. Burkhart, Botanist – Species Conservation Project/Black Hills NF			Date: 10/09/2002

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Also known from Targhee NF, Grand Teton and Yellowstone NPs

National Forests in the Rocky Mountain Region where species is KNOWN (K) or LIKELY(L)¹ 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		Bighorn NF	
	?			Nebraska NF		Ft. Pierre NG		Black Hills NF	
	?			Ogalala NG				Medicine Bow NF	K
	?							Thunder Basin NG	
	?								
	?								

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.