

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: <i>Potamogeton friesii</i> / Fries' Pondweed			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	AD	<p>Fries' Pondweed is at the southern limits of the Rocky Mountains portion of its range as it occurs in the Medicine Bow Range in Carbon County, Wyoming, on the Medicine Bow National Forest. It also occurs in Nebraska and South Dakota, therefore, additional information is necessary in order to determine its status in Region 2.</p> <p>This species is a submerged aquatic rooted in mud of ponds, lakes and reservoirs at 6300 to 8860 feet. Its habitat is patchy and discontinuous on the landscape.</p> <p>Confidence in Rank High</p>	<ul style="list-style-type: none"> • Dorn 2001 • Fertig 2000 • Markow and Fertig 2000 • University of Wyoming 1998 • USDA Forest Service 2001 • Welp et al. 2000
2 Distribution outside R2	B	<p>Fries' Pondweed is known from Alaska to Newfoundland, south to Washington, Utah, South Dakota, Indiana and Virginia. In Wyoming, it is known from outside Region 2 in the Wind River and Absaroka ranges and Jackson Hole in Park and Teton counties.</p> <p>Confidence in Rank High</p>	<ul style="list-style-type: none"> • Cronquist et al. 1977 • Evert 1991 • Fertig 2000 • Haynes 1974 • Haynes and Hellquist 2000 • Hitchcock et al. 1969 • Markow and Fertig 2000 • University of Wyoming 1998 • Welsh et al. 1993
3 Dispersal Capability	CD	<p>Some birds are known to eat the seeds, therefore, it may be inferred that there is some animal dispersal across unsuitable habitat.</p> <p>Confidence in Rank High</p>	<ul style="list-style-type: none"> • Martin et al. 1951
4 Abundance in R2	AD	<p>Fries' Pondweed is known from 2 extant and 2 historical records in Wyoming (most recently observed in 1990). An additional report from Teton County cited in Haynes (1974) needs to be confirmed. One historical record is from the Medicine Bow National Forest. Census data are lacking. This species is ranked "S1" in Wyoming, "S2" in Nebraska, and it is reported from but not ranked in South Dakota.</p> <p>Confidence in Rank High</p>	<ul style="list-style-type: none"> • Evert 1991 • Fertig 2000 • Haynes 1974 • USDA Forest Service 2001 • Welp et al. 2000 • WYNDD 2002
5 Population Trend in R2	D	<p>Not known.</p> <p>Confidence in Rank High</p>	<ul style="list-style-type: none"> • -

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6 Habitat Trend in R2	D	Not known. Confidence in Rank High	• -
7 Habitat Vulnerability or Modification	BD	Fries' Pondweed may be impacted by competition from exotic weeds. It occurs in Grand Teton National Park and 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"> • Evert 1991 • Fertig 2000 • Markow and Fertig 2000 • University of Wyoming 1998 • Welp et al. 2000 • WYNDD 2002
8 Life History and Demographics	D	Fries' Pondweed is an aquatic, perennial forb. Flowering and fruiting occur from June through August. 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 et al. 1977 • Haynes and Hellquist 2000 • Hitchcock et al. 1969 • Markow and Fertig 2000 • Welsh et al. 1993
Initial Evaluator(s): Joy Handley, Scott Laursen, and Bonnie Heidel			Date: May 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		
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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