

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: <i>Athyrium filix-femina</i> (L.)Roth / lady fern / ATFI (Scientific Name/Common Name/National Code for Plants – USDA PLANTS)			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	BC	w2/3 CO, WY, Black Hills, ncent NEB. (also e KS, e SD, nw WY). Confidence in Rank Medium	<ul style="list-style-type: none"> FNA 1993, RM 2001, GPFA 1977, NatureServe 2001.
2 Distribution outside R2	C	North America, Central America, South America, Europe, Asia, Greenland. Confidence in Rank High	<ul style="list-style-type: none"> FNA 1993.
3 Dispersal Capability	B	Wind dispersed spores. Confidence in Rank Medium	<ul style="list-style-type: none">
4 Abundance in R2	CB	CO: "Common in forests of the foothills," (p.60, Weber 1987). WY: "Common" (p.44, Dorn & Dorn 1972). 11 records in 3 co's of R2 portion of WY. Black Hills: "Occasional" (p. 30, Larson & Johnson 1999). NEB: Natural Heritage ranked SH - historical records only. KS: Natural Heritage ranked S1 Confidence in Rank Medium	<ul style="list-style-type: none"> Weber 1976, Dorn & Dorn 1972, RM 2001, Larson & Johnson 1999, NatureServe 2001.
5 Population Trend in R2	D	 Confidence in Rank Medium	<ul style="list-style-type: none">
6 Habitat Trend in R2	AB	Inhabits moist woods and thickets, meadows, streambanks. Undoubtedly there have been declines in habitat quality and quantity but because of the abundance of this species, such declines are not yet readily apparent from floristic records (note SH ranking in NEB). Confidence in Rank Medium	<ul style="list-style-type: none"> FNA 1993, Brooks 1969.

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Criteria	Rank	Rationale	Literature Citations
7 Habitat Vulnerability or Modification	AB	Vulnerable to hydrologic modification, disturbance from construction, mining, logging, grazing, overpopulation by big game, etc. Confidence in Rank Medium	•
8 Life History and Demographics	D	Perennial. Confidence in Rank Low	•
Evaluator(s): David J. Ode			Date: 4 December, 2001

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.

Species Name:											
<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	Known	Likely
Arapaho-Roosevelt NF	?	Cimarron NG		Samuel R. McKelvie NF		Black Hills NF	X	Shoshone NF			X
White River NF				Halsey NF		Buffalo Gap NG		Bighorn NF			X
Routt NF				Nebraska NF		Ft. Pierre NG		Black Hills NF		X	
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											
Pawnee NG											

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