

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: ***Asplenium trichomanes-ramosum*** L. (A. viride) / green spleenwort / ASTR10 (ASVI10)

(Scientific Name/Common Name/National Code for Plants – USDA PLANTS)

Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	AB	Recent & se WY, recent & sw CO, Black Hills of SD. (also nw WY) Confidence in Rank Medium	<ul style="list-style-type: none"> FNA 1993, WYNDD 2001, Dorn & Dorn 1972, Weber 1976.
2 Distribution outside R2	C	In western North America ranging from NWT to AK south to CA & CO. In eastern North America ranging from Ont. to Lab. south to WI, MI, NY. Also Eurasia & Greenland. Confidence in Rank High	<ul style="list-style-type: none"> FNA 1993, NatureServe 2001.
3 Dispersal Capability	B	Wind dispersed spores. Confidence in Rank Medium	<ul style="list-style-type: none">
4 Abundance in R2	AB	WY: 4 occurrences in R2 (7 additional in nw WY) CO: ca. 5 recent occurrences, 1 historical. SD: 5 occurrences in n Black Hills Confidence in Rank Medium	<ul style="list-style-type: none"> WYNDD 2001, CONHP 2000, SDNHD 2001.
5 Population Trend in R2	D	 Confidence in Rank Medium	<ul style="list-style-type: none">
6 Habitat Trend in R2	B	Inhabits mostly shaded, limestone crevices, cliffs, shelves, boulders, etc. Relatively small amount lost to limestone mining, climbing impacts, etc. Plant occupies very small amount of total limestone outcrop, most of which is apparently unsuitable, so habitat concerns are more site dependent than trends in general habitat. Confidence in Rank Low	<ul style="list-style-type: none"> FNA 1993.
7 Habitat Vulnerability or Modification	BC	Main threats to Black Hills populations are probably road construction, development, and impacts related to surface mining, e.g. tailings/wasterock dumps. Confidence in Rank Medium	<ul style="list-style-type: none">

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8 Life History and Demographics	D	Perennial Confidence in Rank Medium	•
Evaluator(s): David J. Ode			Date: 3 December, 2001

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

Species Name: <i>Asplenium trichomanes-ramosum</i>											
<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
								X			
Arapaho-Roosevelt NF		Cimarron NG		Samuel R. McKelvie NF		Black Hills NF				Shoshone NF	
White River NF	X			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	X
San Juan NF	X									Thunder Basin NG	
Rio Grande NF											
Pike-San Isabel NF	X										
Comanche NG											
Pawnee NG											

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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.

Sources Cited

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