

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: ***Spiranthes magnicamporum*** Sheviak / Gt. Plains ladies'-tresses / SPMA5
 (Scientific Name/Common Name/National Code for Plants – USDA PLANTS)

Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	D	Uncertain whether this sp. occurs within the R2 portions of KS, NEB, SD. Farthest west it has been reported in SD is scentral. It does not occur on Ft. Pierre NG. CO: "no longer present in the area," (p. 255, Weber & Wittmann 2001). Confidence in Rank Medium	<ul style="list-style-type: none"> Larson 1993, GPFA 1986, Weber & Wittmann 2001, Van Bruggen 1985, RM 2001.
2 Distribution outside R2	C	Great Plains from TX to s Manitoba then east to s Ont. IN, TN, GA. Also in UT? & CO? Confidence in Rank High	<ul style="list-style-type: none"> GPFA 1986, Sheviak 1973, NatureServe 2001.
3 Dispersal Capability	B	Tiny seeds requiring mycorrhizal associate for seedling establishment. Confidence in Rank Medium	<ul style="list-style-type: none">
4 Abundance in R2	D	Many older herbarium specimens labeled <i>S. cernua</i> have still not been annotated to distinguish the distribution of this segregate (<i>S. magnicamporum</i>) from the now, more narrowly defined <i>S. cernua</i> . If this sp. occurs at all on FS land in R2 - it will probably be in NEB. Confidence in Rank Medium	<ul style="list-style-type: none"> SDNHD 2001
5 Population Trend in R2	D	If this does occur on FS land, it probably would be a good choice for a sensitive species. Confidence in Rank Medium	<ul style="list-style-type: none">
6 Habitat Trend in R2	D	Inhabits wet meadows, dry to moist prairies, ditches and floodplains, often where sandy. But, were/are any of these habitats in R2 occupied by this species? Confidence in Rank Medium	<ul style="list-style-type: none"> Larson 1993.
7 Habitat Vulnerability or Modification	AB	Conversion to cropland, overgrazing, wetland drainage - have all contributed to the loss of habitat for this species. 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: 29 November, 2001

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

Species Name: <i>Spiranthes magnicamporum</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
		Cimarron 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			
								Thunder Basin 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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