

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: <i>Eleocharis rostellata</i> (Torr.)Torr. / beaked spikerush / ELRO2 (Scientific Name/Common Name/National Code for Plants – USDA PLANTS)			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	B	Scattered: CO - wslope & eslope, nw WY, sw SD, sw NEB, w KS. Confidence in Rank High	<ul style="list-style-type: none"> GPFA 1977, GPFA 1986, Larson 1993, Weber 1987, Weber & Wittmann 2001, RM 2001.
2 Distribution outside R2	C	North & South America. In North America throughout the w from s BC south to CA, east to MN, TX. Also along eastern seaboard states from ME to FL, inland to MI, IL, AL. Also Ont. & NS. Confidence in Rank High	<ul style="list-style-type: none"> NatureServe 2001, Correll & Correll 1972.
3 Dispersal Capability	B	In N Gt Plains this spikerush does not grow in typical waterfowl habitats. Confidence in Rank Medium	<ul style="list-style-type: none">
4 Abundance in R2	B	"Uncommon and localized" in n Gt. Plains (p. 522, Larson 1993). Three collections in nw WY. 5 counties in sw NEB. 6 counties in w KS. Apparently only one collection on eslope CO. wslope CO: "springs & seeps in lower desert canyons," (p. 244, Weber 1987). Confidence in Rank Medium	<ul style="list-style-type: none"> Larson 1993, GPFA 1977, Weber & Wittmann 2001, Weber 1987.
5 Population Trend in R2	D	Unaware of any trend information. Confidence in Rank Medium	<ul style="list-style-type: none">
6 Habitat Trend in R2	AB	Inhabits calcareous wet meadows, seeps and stream margins, often associated with mineral springs. Water development and hydrologic modification have probably destroyed some habitat. Unknown whether these same forces have created some new habitat. Confidence in Rank Low	<ul style="list-style-type: none"> Larson 1993,
7 Habitat Vulnerability or Modification	AB	In this portion of the sp range, its habitat tends to be quite localized and limited. However, the plant within a given patch of habitat seems to be resilient to various types of disturbance. Confidence in Rank Low	<ul style="list-style-type: none"> Carey 1994.

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8 Life History and Demographics	C	Reproduces vegetatively and by seed. Confidence in Rank Medium	<ul style="list-style-type: none"> Carey 1994.
Evaluator(s): David J. Ode			Date: 20 November, 2001

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

Species Name: <i>Eleocharis rostellata</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	X	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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