

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: <i>Scirpus microcarpus</i> J. & K. Presl. / Panicked bulrush, Small-fruit bulrush / SCMI2			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	C	<i>Scirpus microcarpus</i> is found in all states in Region 2 except Kansas. Found primarily in the Black Hills in South Dakota. Occurs in all portions of Wyoming except the southwestern corner of the state, ranked S3. S1 in Nebraska, but distribution unknown. No information from Colorado. No ranking for South Dakota and Colorado. If <i>Scirpus microcarpus</i> proves to be rare in Colorado and Wyoming, then the rank should be B. Confidence in Rank Medium	<ul style="list-style-type: none"> • PLANTS, NRCS, 2001 • Dorn, 1992 • NatureServe, 2001
2 Distribution outside R2	C	Widespread outside of Region 2. Occurs throughout the western states, much of the Midwest, the northeast, and most of Canada. Confidence in Rank High	<ul style="list-style-type: none"> • PLANTS, NRCS, 2001 • NatureServe, 2001
3 Dispersal Capability	B	Seeds lightweight but no specialized structures for long distance dispersal. Seeds must be in appropriate habitats to grow. Seeds may travel by water to colonize new portions of drainage. Confidence in Rank High	<ul style="list-style-type: none"> • Great Plains Flora, 1986
4 Abundance in R2	C	Listed as common at middle elevations in the central and northern Black Hills and Bearlodge Mountains. If it occurs in other portions of Region 2 then the rank should be C. If it is rare or sporadic in the rest of the Region, then the appropriate rank would be B Confidence in Rank Medium	<ul style="list-style-type: none"> • Larson & Johnson, 1999
5 Population Trend in R2	D	No information. Confidence in Rank High	<ul style="list-style-type: none"> •
6 Habitat Trend in R2	A	Riparian areas are or have been negatively impacted. Confidence in Rank Medium	<ul style="list-style-type: none"> • Parrish, 1996

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7 Habitat Vulnerability or Modification	B	Historically, riparian areas have declined in the Black Hills. They are subject to grazing, development for recreation purposes, and can be altered by road construction. Confidence in Rank High	<ul style="list-style-type: none"> Parrish, 1996
8 Life History and Demographics	D	Rhizomatous perennial that may withstand considerable disturbance. Confidence in Rank Medium	<ul style="list-style-type: none"> Great Plains Flora, 1986
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National Forests in the Rocky Mountain Region where species is KNOWN (K) or LIKELY (L)¹ to occur:

Species Name: <i>Scirpus microcarpus</i> J. & K. Presl. / Panicked bulrush, Small-fruit bulrush / SCMI2											
<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	X
	?					Ogalala NG	?			Medicine Bow NF	?
	?									Thunder Basin NG	?
	?										
	?										
	?										
	?										

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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References

- Dorn, R. D. 1992. Vascular Plants of Wyoming, 2nd Edition. Mountain West Publishing, Cheyenne, WY.
- Great Plains Flora Association 1986. Flora of the Great Plains. University Press of Kansas. Lawrence, Kansas.
- Larson, G.E. 1993. Aquatic and wetland vascular plants of the northern Great Plains. Gen. Tech. Rep. RM-238. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Forest and Range Experimental Station. 681 p.
- Nature Serve Explorer: An online encyclopedia of life [web application]. 2001. Version 1.6. Arlington, Virginia, USA: NatureServe. Available: <http://www.natureserve.org/explorer>. Accessed between (November 20, 2001 and December 10, 2001).
- Parrish, J.B., Herman, D.J., Reyher, D.J. 1996. A Century of Change in the Black Hills Forest and Riparian Ecosystems. South Dakota Agricultural Experiment Station/U.S. Forest Service. Brookings, SD.
- USDA, NRCS. 2001. The PLANTS Database, Version 3.1 (<http://plants.usda.gov>). National Plant Data Center, Baton Rouge, LA 70874-4490 USA.