

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: *Tradescantia bracteata* Small bracted spiderwort

Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	C	Widely distributed throughout the e ½ of R2, from ne-most (Crook Co) WY, n and e through SD; thence s through ne ¼ of NE; and the e ½ of KS. Not reported from CO by Weber & Wittman; report by Great Plains Flora Association from CO and w KS is probably based on misidentified specimens. [Vouchers at KANU from 46 cos in KS; 19 cos in NE; and 22 cos in SD.] Status: G5; WY S1. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> • Bolick 1991 • Dorn 1991 • Freeman in prep. • Great Plains Flora Association 1977 • Hartman 1997 • Weber & Wittman 2001
2 Distribution outside R2	B	Range mapped by Faden from se-most MT, e through s ½ of ND, and se to sw-most WI; thence e to sw-most MI, and s to nw-most MO; thence s and e to sw-most IN, and s through n ¼ of MO; thence s and w to central OK; thence nw through e-most CO and w-most WY. [However, it appears that species does NOT occur in CO, the w ¼ of KS, OK, or sw ¼ of WY! Disjunct in n-central MT.] Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> • Faden 2000
3 Dispersal Capability	D	Evaluator was unable to find any information about species' dispersal capability. Confidence in Rank High or Medium or Low	
4 Abundance in R2	B	Evaluator has little first-hand experience with species. However, it appears that species is comparatively common throughout much of e R2, especially in KS, NE, and SD. Confidence in Rank High or Medium or Low	
5 Population Trend in R2	D	Evaluator was unable to find any information about population trends in R2. Confidence in Rank High or Medium or Low	
6 Habitat Trend in R2	B	Faden cites species from “[p]rairies, spreading to thickets, roadsides, and RR rights of way,” and evaluator has observed species in a wide array of habitats in KS, including openings in forests and glades, and on rock outcrops, usually on limestone but also on sandstone. Some of species' habitat has undoubtedly been degraded or destroyed, due to livestock grazing or conversion to croplands. Evaluator was unable to find any information about the extent of this loss, however, and assumes that –given the array of habitats occupied by species– throughout R2, habitat is largely stable. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> • Faden 2000

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7 Habitat Vulnerability or Modification	B	Species is not weedy by any standard, but appears to occupy a variety of comparatively degraded habitats [see sect 6]. Confidence in Rank High or Medium or Low	
8 Life History and Demographics	D	Perennial forb. Flowering April through June; fruiting June through July. Evaluator was unable to find any other information about species' life history. Confidence in Rank High or Medium or Low	
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National Forests in the Rocky Mountain Region where species is KNOWN (K) or LIKELY (L)¹ to occur:

<u>Colorado NF/NG</u>	<u>Known</u>	<u>Likely</u>	<u>Kansas NF/NG</u>	<u>Known</u>	<u>Likely</u>	<u>Nebraska NF/NG</u>	<u>Known</u>	<u>Likely</u>	<u>South Dakota NF/NG</u>	<u>Known</u>	<u>Likely</u>	<u>Wyoming NF/NG</u>	<u>Known</u>	<u>Likely</u>
Arapaho-Roosevelt NF			Cimmaron NG			Samuel R. McKelvie NF		X	Black Hills NF		X	Shoshone NF		
White River NF						Halsey NF		X	Buffalo Gap NG		X	Bighorn NF		
Routt NF						Nebraska NF		X	Ft. Pierre NG		X	Black Hills NF		X
Grand Mesa, Uncompahgre, Gunnison NF						Ogalala NG		X				Medicine Bow NF		
San Juan NF												Thunder Basin NG		X
Rio Grande NF														
Pawnee NG														
Pike-San Isabel NF														
Comanche NG														

REFERENCES

Bolick, M. 1991. Commelinaceae, pp. 1046–1049 in Great Plains Flora Association, *Flora of the Great Plains*. University Press of Kansas. Lawrence, Kansas. vii + 1402 pp.

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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- Dorn, R.D. 1992. *Vascular Plants of Wyoming*. Mountain West Publishing. Cheyenne, Wyoming. iv + 340 pp.
- Faden, R.B. 2000. Commelinaceae, pp. 170–197 in Flora of North America Editorial Committee, *Flora of North America North of Mexico, Vol. 22: Magnoliophyta: Alismatidae, Arecidae, Commelidae (in part), and Zingiberidae*. Oxford University Press. New York, New York. xxiii + 352 pp.
- Freeman, C.C. (in prep.) Checklist of the Vascular Plants of the Grassland Biome of Central North America.
- Great Plains Flora Association. 1977. *Atlas of the Flora of the Great Plains*. Iowa State University Press. Ames, Iowa. xii + 600 pp.
- Hartman, R.L. 1997. *Atlas of the Vascular Plants of Wyoming*. Published by the author at Rocky Mountain Herbarium, University of Wyoming. Laramie, Wyoming. [unpaginated]
- Weber, W.A. and R.C. Wittman. 2001. *Colorado Flora: Eastern Slope* (3rd Edition). University Press of Colorado. Boulder, Colorado. xl + 521 pp.