

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: *Aristida oligantha* Michx. old-field threawn, prairie threawn

Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	B	Known from scattered populations in ne-most (Weston Co) WY and the nw ¼ NE; cited by Sutherland as occurring in "extreme se SD"; common throughout the e ¾ of NE, and the e ¾ and sw ¼ of KS; unknown from CO, but perhaps to be sought in Baca Co. [Vouchers at KANU from numerous cos in KS and NE; Clay Co, SD; and Weston Co, WY.] Status: G5; WY S1. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> Freeman 2001 Freeman in prep. Great Plains Flora Association 1977 Hartman 1997 Rubright 2000 Sutherland 1991
2 Distribution outside R2	C	Known from scattered populations in ne-most WY and the nw ¼ NE; cited by Sutherland as occurring in only "extreme se SD"; common throughout e ¾ of NE, and e ¾ and sw ¼ of KS; s through e TX; thence e throughout e US (TX to FL, n to MA and se Ont, w to SD, fide Gleason & Cronquist). Scattered throughout sw US (NM, CA, and AZ, and OR, fide Correll & Johnston). Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> Allred 1986 Allred 1992 Correll & Johnston 1979 Freeman 2001 Freeman in prep. Gleason & Cronquist 1991 Martin & Hutchins 1980 Sutherland 1991
3 Dispersal Capability	C	Evaluator was unable to find any direct information about species' dispersal capability [rank D]. Species is likely wind dispersed, however, and occupies a wide variety of habitats throughout the e part of R2. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> Sutherland 1991
4 Abundance in R2	C	Widely distributed and often weedy throughout e NE and KS, where species is certainly secure. One peripheral population in WY is described on herbarium specimen label at KANU as "abundant" (S. Stephens 70098), but this and others may warrant additional monitoring. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> Freeman 2001 Sutherland 1991
5 Population Trend in R2	A/D	Widely distributed and often weedy throughout e NE and KS, where species is certainly secure and probably increasing [tentatively ranked A]. One peripheral population in WY is described on herbarium specimen label as "abundant" (Stephens 70098), but this and others may warrant additional monitoring [rank D]. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> Allred 1992 Freeman 2001 Sutherland 1991
6 Habitat Trend in R2	C	Species is found in a variety of habitats, but is often abundant in disturbed (especially overgrazed) sites. Evaluator was able to find no evidence to confirm assigned rank C. However, given prevalent management techniques throughout species' range, I strongly suspect that suitable habitat is stable or only increasing in both quantity and "quality." Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> Allred 1992 Freeman 2001 Sutherland 1991

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Species: *Aristida oligantha* Michx. old-field threawn, prairie threawn

Criteria	Rank	Rationale	Literature Citations
7 Habitat Vulnerability or Modification	C	Species is found in a variety of habitats, but is often abundant in disturbed (especially overgrazed) sites. Evaluator was able to find no evidence to confirm assigned rank C. However, given prevalent management techniques throughout species' range, I strongly suspect that suitable habitat is resilient to (or only benefits from) disturbance. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> Allred 1992 Freeman 2001 Sutherland 1991
8 Life History and Demographics	C	Annual grass; flowering and fruiting August through October. Evaluator was able to find little information on life history. However, species is reportedly cleistogamous and often abundant in disturbed sites. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> Allred 1992 Freeman 2001 Sutherland 1991
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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	X3		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			Black Hills NF		X
Grand Mesa, Uncompahgre, Gunnison NF						Ogalala NG		X				Medicine Bow NF		
San Juan NF												Thunder Basin NG	X4	
Rio Grande NF														
Pawnee NG														
Pike-San Isabel NF														
Comanche NG		X2												

² See comments in section 1.

³ KANU catalog # 10320: KS, Morton Co: 9 mi N Elkhart, 13 Sep 1975, R.L. McGregor 28145.

⁴ KANU catalog # 171161: WY, Weston Co: 3.5 mi SE Upton, 5 Aug 1973, S. Stephens 70098.

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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