

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: *Asclepias uncialis* / Dwarf Milkweed, Greene Milkweed

Criteria	Rank	Rationale	Literature Citations
<p>1 Distribution within R2</p>	D	<p>Dwarf Milkweed is a regional endemic known from extant populations on national forest of eastern Colorado. It is not known from the Wyoming portion of Region 2, and its distribution elsewhere in the state is uncertain (see below). It has been included in a guide to sensitive Wyoming plants of US Forest Service Region 2 (Fertig 1994) though it is only known west of the Continental Divide (Region 4). It is known in Colorado from at least the Comanche National Grassland and possibly Pawnee National Grassland, and additional distribution information is needed from Colorado.</p> <p>It occupies lower slopes of escarpments and mesas in semi-arid shortgrass prairie in Colorado and New Mexico, a widespread but isolated landform. The historic Wyoming collection was reported from grassy hills.</p> <p>Confidence in Rank High</p>	<ul style="list-style-type: none"> • Locklear 1991 • Dorn 1992 • Fertig 2000 • Fertig et al. 1998
<p>2 Distribution outside R2</p>	B	<p>This regional endemic is known from Texas, Oklahoma, New Mexico, eastern Colorado, and disjunct in eastern Arizona. There is one historical Wyoming collection of Dwarf Milkweed by Charles Parry in 1873. The original collection site of C. C. Parry in 1873 was labeled "Green River". Dorn and Locklear (Locklear 1991) believe that Parry's party crossed the Green River near the junction of the Big Sandy River in NW Sweetwater County, which would be disjunct and at the northern limits of the species' range. This area is located within Seedska-dee National Wildlife Refuge. This population has not been relocated.</p> <p>Dr. William Weber of the University of Colorado believes that Parry's Wyoming collection is actually from northeastern Colorado, although Robert Dorn has shown that Parry was in Wyoming on the date the specimen was collected.</p> <p>Confidence in Rank High</p>	<ul style="list-style-type: none"> • Fertig 2000 • Locklear 1991 • Locklear 1993 • Spackman et al. 1997 • Great Plains Flora Association 1986
<p>3 Dispersal Capability</p>	C	<p>The wind-borne seeds of this species, like other members of milkweed genus, readily disperse across unsuitable habitat.</p> <p>Confidence in Rank High</p>	<ul style="list-style-type: none"> • -

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Criteria	Rank	Rationale	Literature Citations
4 Abundance in R2	D	Unknown in Wyoming. Get Colorado information. Confidence in Rank High	• -
5 Population Trend in R2	D	Unknown in Wyoming; possibly extirpated. Get Colorado information. Confidence in Rank High	• -
6 Habitat Trend in R2	D	Unknown in Wyoming. Get Colorado information. Confidence in Rank High	• -
7 Habitat Vulnerability or Modification	D	Unknown in Wyoming. Get Colorado information. Confidence in Rank High	• -
8 Life History and Demographics	D	Dwarf Milkweed is an herbaceous perennial that flowers more than once in its life cycle, flowering in late April-May and producing fruit in June-early July. Additional information on the species, including life history stages, population structure, longevity, mortality, pollination biology and seed biology, are not available. Confidence in Rank High	<ul style="list-style-type: none"> • Fertig 2000 • Locklear 1996 • Spackman et al. 1997
Initial Evaluator(s): Bonnie Heidel			Date: 2 November 2, 2001

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

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

ATTACHMENT SS2

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

Literature cited

Colorado Native Plant Society. 1997. Rare Plants of Colorado, second edition. Falcon Press Publ., Helena, MT.

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appearing on NFS lands.

ATTACHMENT SS2

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Spackman, S., B. Jennings, J. Coles, C. Dawson, M. Minton, A. Kratz, and C. Spurrier. 1997. Colorado Rare Plant Field Guide. Prepared for the Bureau of Land Management, US Forest Service, and US Fish and Wildlife Service by the Colorado Natural Heritage Program, Ft. Collins, CO.