

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: <i>Erigeron lanatus</i> / Woolly Fleabane			
Criteria	Rank	Rationale	Literature Citations
<p>1 Distribution within R2</p>	AD	<p>Woolly Fleabane has not been found on any lands managed by Region 2 in Wyoming. However, it occurs on the Pike-San Isabel, White River, and Grand Mesa, Uncompahgre, Gunnison national forests in Colorado, therefore, Colorado information is needed to determine its status in Region 2.</p> <p>Elsewhere in Wyoming, Woolly Fleabane is restricted to thin patches of tan, pinkish, or reddish sandy soils and fine gravels among limestone boulders and talus on steep alpine slopes or rims. These sites often have a rich cryptogamic crust component and very sparse vegetative cover (often less than 5%). Common associated species include <i>Saussurea weberi</i>, <i>Erigeron compositus</i>, <i>Polemonium viscosum</i>, <i>Senecio amplexans</i>, <i>Parrya nudicaulis</i>, <i>Smelowskia calycina</i>, <i>Claytonia megarrhiza</i>, and <i>Draba ventosa</i>. Wyoming populations occur at elevations of 10,800-11,100 feet. These habitats are rare.</p> <p>Confidence in Rank Low</p>	<ul style="list-style-type: none"> • Colorado Native Plant Society 1997 • Dorn 2001 • Fertig 1994, 2000, 2001 • Fertig et al. 1994 • Spackman et al. 1997 • University of Wyoming 1998 • USDA Forest Service 2001
<p>2 Distribution outside R2</p>	B	<p>Woolly Fleabane occurs from southern British Columbia and Alberta to northwestern Montana, with disjunct populations in west-central Wyoming and central Colorado. In Wyoming, Woolly Fleabane is known from the northwestern Wind River Range in Sublette County.</p> <p>Confidence in Rank Low</p>	<ul style="list-style-type: none"> • Colorado Native Plant Society 1997 • Cronquist 1955 • Dorn 2001 • Fertig 1992a, b, c, 1999, 2000, 2001 • Fertig et al. 1994 • Fertig et al. 1991 • Scott 1997 • Spackman et al. 1997
<p>3 Dispersal Capability</p>	D	<p>It may be inferred that the bristly pappus is appropriate for wind dispersal across unsuitable habitat. This species is well adapted to colonizing recently burned areas in early secondary succession.</p> <p>Confidence in Rank High</p>	<ul style="list-style-type: none"> • Cronquist 1947, 1955 • Scott 1997 • USDA Forest Service 2002

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4 Abundance in R2	AD	Woolly Fleabane is known from 2 extant occurrences in Wyoming, both discovered since 1990 (most recently observed in 1994). Neither of these populations is on Region 2 lands. The population was estimated at 1000-1400 individuals in a survey by Walt Fertig in 1994. This species is ranked "S1" in Wyoming and "S1" in Colorado. Confidence in Rank High	<ul style="list-style-type: none"> Fertig 1999, 2001 NatureServe 2002 WYNDD 2002
5 Population Trend in R2	D	Populations appear to be stable based on observations from 1990-94. Confidence in Rank High	<ul style="list-style-type: none"> Fertig 2001
6 Habitat Trend in R2	D	Trends are unknown but probably stable. Confidence in Rank High	<ul style="list-style-type: none"> -
7 Habitat Vulnerability or Modification	C	Threats are minimal due to the ruggedness and low use of its habitat. Wyoming occurrences are all within the Bridger Wilderness on the Bridger-Teton National Forest. Confidence in Rank Medium	<ul style="list-style-type: none"> Fertig 1992a, b, c, 1999, 2000, 2001 Fertig et al. 1994 Fertig et al. 1991
8 Life History and Demographics	D	Woolly Fleabane is a perennial forb. Flowering and fruiting occur from July through August. Additional information on the species, including life history stages, population structure, longevity, mortality, and seed biology, are not available. Confidence in Rank High	<ul style="list-style-type: none"> Cronquist 1947, 1955 Fertig 2001 Scott 1997
Initial Evaluator(s): Joy Handley and Scott Laursen			Date: March 6, 2002

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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>	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	X					Halsey NF			Buffalo Gap NG			Bighorn NF		
Routt NF						Nebraska NF			Ft. Pierre NG			Black Hills NF		
Grand Mesa, Uncompahgre, Gunnison NF	X					Ogalala NG						Medicine Bow NF		
San Juan NF												Thunder Basin NG		
Rio Grande NF														
Pike-San Isabel NF	X													
Comanche 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.

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