

ATTACHMENT SS2

AND THE HABITAT IS PATCHY AND DISCONTINUOUS ON THE LANDSCAPE. REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: <i>Townsendia condensata</i> var. <i>anomala</i> / North Fork Easter Daisy, Cushion Townsend-daisy			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	AB	<p>North Fork Easter Daisy occurs in the Absaroka Range in Park County, Wyoming, on the Shoshone National Forest. It is not known from any other Region 2 state.</p> <p>This taxon is found in open, sparsely vegetated, montane forests, meadows, rocky slopes, and ridges. It is often on sandy volcanic soil or talus. The elevation range is 6,100 to 13,150 feet. The geographic range of the species appears to be very limited, and the habitat is patchy and discontinuous on the landscape.</p> <p>Confidence in rank High</p>	<ul style="list-style-type: none"> • Dorn 2001 • Fertig 1997, 1998, 2000 • Fertig and Mills 2000 • Rosenthal 1998, 1999 • University of Wyoming 1998 • USDA Forest Service 2001 • Welp et al. 2000
2 Distribution outside R2	A	<p>North Fork Easter Daisy is a narrow endemic of the Absaroka Range in Park County, Wyoming.</p> <p>Confidence in rank High</p>	<ul style="list-style-type: none"> • Fertig and Mills 2000 • Scott 1997 • University of Wyoming 1998
3 Dispersal Capability	CD	<p>It may be inferred that the bristly pappus is appropriate for wind dispersal across unsuitable habitat.</p> <p>Confidence in rank High</p>	<ul style="list-style-type: none"> • Scott 1997
4 Abundance in R2	AB	<p>North Fork Easter Daisy is known from 21 occurrences in Wyoming, all of which have been relocated or discovered since 1983 (13 occurrences have been relocated or discovered since 1996). Almost all occurrences are on the Shoshone National Forest. Surveyed populations are typically very small, often with fewer than 50-100 individuals. The total range of the species appears to be very limited, but the full extent of its habitat has not been thoroughly investigated. Fertig (1997) estimated the total population at 20,000-30,000 individuals. This taxon is ranked "S2" in Wyoming.</p> <p>Confidence in rank High</p>	<ul style="list-style-type: none"> • Fertig 1997, 1998, 2000 • Fertig and Mills 2000 • Rosenthal 1998, 1999 • University of Wyoming 1998 • USDA Forest Service 2001 • Welp et al. 2000 • WYNDD 2002
5 Population Trend in R2	D	<p>Not known, but suspected to be stable.</p> <p>Confidence in rank High</p>	<ul style="list-style-type: none"> • Fertig and Mills 2000

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6 Habitat Trend in R2	D	Not known. Confidence in rank High	<ul style="list-style-type: none"> Fertig and Mills 2000
7 Habitat Vulnerability or Modification	BC	Threats are mostly low due to the ruggedness of most of its habitat and the early phenology of the species. Some streamside habitats may be impacted by changes in hydrology, competition from exotics, trampling, or other human-induced activities. The species is probably not grazed due to its low stature. It occurs on lands managed as wilderness and for multiple use by the Shoshone National Forest and on state lands. Confidence in rank Medium	<ul style="list-style-type: none"> Fertig and Mills 2000 WYNDD 2002
8 Life History and Demographics	D	North Fork Easter Daisy is a tufted perennial. Flowering occurs from April through early June. 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 and Mills 2000 Scott 1997
Initial Evaluator(s): Bonnie Heidel, Joy Handley and Scott Laursen			Date: May 28, 2002

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 appearing on NFS lands.

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<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	X	
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														

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