

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: *Pyrrcoma clementis* / Tranquil Golden-weed (all of the information that follows applies to var. *villosa* unless otherwise stated)

| Criteria | Rank | Rationale | Literature Citations |
|------------------------------|------|--|---|
| 1 Distribution within R2 | AD | <p>Tranquil Golden-weed occurs in the Bighorn Range in Bighorn, Johnson, and Sheridan counties, Wyoming, on the Bighorn National Forest. It also occurs in Colorado, therefore, additional information is necessary in order to determine its status in Region 2.</p> <p>In Wyoming, this species is found in sagebrush grasslands and montane meadows, often on limestone substrates, at 7000 to 9000 feet. Its range in the state is limited.</p> <p>Note: <i>Pyrrcoma clementis</i> var. <i>villosa</i>, if taxonomically valid, is endemic to Wyoming and the Bighorn Range in particular. It is accepted by Dorn (2001). The putative type variety is in Colorado.</p> <p>Confidence in Rank High</p> | <ul style="list-style-type: none"> • Dorn 2001 • Fertig 2000 • University of Wyoming 1998 • Welp et al. 1998 |
| 2 Distribution outside R2 | B | <p>Tranquil Golden-weed is known from west-central Wyoming to eastern Utah and Colorado. In Wyoming, it is known from lands not administered by Region 2 in the Bighorn and Wind River ranges in Bighorn, Fremont, and Washakie counties. It was also reported from Carbon County by Mayes (1976).</p> <p>Confidence in Rank High</p> | <ul style="list-style-type: none"> • Beauvais et al. 2000 • Cronquist 1994 • Fertig 1999, 2000 • Mayes 1976 • 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"> • Cronquist 1994 |
| 4 Abundance in R2 | AD | <p>Tranquil Golden-weed is known from 2 extant records in Wyoming (most recently observed in 1981), and 4 vague, historical reports. Three of the historical reports are from the Bighorn National Forest. Census data are lacking. This species is ranked "S1" in Wyoming and "S?" in Colorado.</p> <p>Confidence in Rank High</p> | <ul style="list-style-type: none"> • Beauvais et al. 2000 • Fertig 1999, 2000 • University of Wyoming 1998 • USDA Forest Service 2001 • Welp et al. 1998 • WYNDD 2002 |

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|--|------|--|---|
| Criteria | Rank | Rationale | Literature Citations |
| 5 Population Trend in R2 | D | Not known. Confidence in Rank High | • - |
| 6 Habitat Trend in R2 | D | Not known. Confidence in Rank High | • - |
| 7 Habitat Vulnerability or Modification | BD | Threats are not known. Tranquil Golden-weed occurs in the Spanish Point Karst Area of Critical Environmental Concern and on lands managed for multiple use by the BLM Worland Field Office, the Bighorn National Forest, and the Wind River Indian Reservation. Confidence in Rank High | <ul style="list-style-type: none"> • Beauvais et al. 2000 • Fertig 1999, 2000 • University of Wyoming 1998 • Welp et al. 1998 • WYNDD 2002 |
| 8 Life History and Demographics | D | Tranquil Golden-weed is a perennial forb. Flowering and fruiting occur from June through September. 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 1994 • Fertig 2000 |
| Initial Evaluator(s): Joy Handley and Scott Laursen | | | Date: May 4, 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 | | |
| White River NF | | | | | | Halsey NF | | | Buffalo Gap NG | | | Bighorn NF | X | |
| 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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