

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: *Carex pedunculata* / longstalk sedge

Note: This species was inadvertently omitted from our regional process for producing evaluations. This evaluation was developed by the Black Hills National Forest as part of their forest plan revision process. Their protocol for the evaluation is very similar to our regional effort, so we consider the information provided by the Black Hills to be appropriate for determining whether or not there is a regional viability concern (particularly since within Region 2, the species only occurs in the Black Hills).

| Criteria | Rank | Rationale | Literature Citations |
|------------------------------|------|--|---|
| 1 Distribution within R2 | A | <ul style="list-style-type: none"> R2 and SD S2. | <ul style="list-style-type: none"> FSM 2600-94-2 SD NHD |
| 2 Distribution outside R2 | B | <ul style="list-style-type: none"> Known in Lawrence, Meade, and Pennington Counties in SD. | <ul style="list-style-type: none"> District Data Fertig, 1993 |
| 3 Dispersal Capability | C | <ul style="list-style-type: none"> Throughout eastern US and Canada. | <ul style="list-style-type: none"> Kartesz, J.T. Larson & Johnson Great Plains Flora |
| 4 Abundance in R2 | B | <ul style="list-style-type: none"> Locally frequent in known areas. | <ul style="list-style-type: none"> District Data Larson & Johnson |
| 5 Population Trend in R2 | D | <ul style="list-style-type: none"> No local population trend data Habitat trend may be decreasing due to logging | <ul style="list-style-type: none"> District Data |
| 6 Habitat Trend in R2 | B | <ul style="list-style-type: none"> Found in moist heavily shaded wooded area. | <ul style="list-style-type: none"> Larson & Johnson |

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|--|------|---|--|
| 7 Habitat Vulnerability or Modification | B | <ul style="list-style-type: none"> Fruiting bodies are dispersed by ants but only to suitable habitat. | <ul style="list-style-type: none"> Larson & Johnson Fertig, 1993 |
| 8 Life History and Demographics | B | <ul style="list-style-type: none"> Only <i>Carex</i> species known to depend on ants for seed dispersal. | <ul style="list-style-type: none"> Fertig, 1993 |
| Initial Evaluator(s): Alice Allen, Patti Lynch, Angelique Petterson, and Jill Reeck | | | Date: March 16, 2000 |

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> | | <u>Kansas NF/NG</u> | | <u>Nebraska NF/NG</u> | | <u>South Dakota NF/NG</u> | | <u>Wyoming NF/NG</u> | |
|-----------------------|--------|---------------------|--------|-----------------------|--------|---------------------------|--------|----------------------|--------|
| Known | Likely | Known | Likely | Known | Likely | Known | Likely | Known | Likely |
| | | Cimmaron NG | | Samuel R. McKelvie NF | | Black Hills NF | X | Shoshone NF | |
| | | | | Halsey NF | | Buffalo Gap NG | | Bighorn NF | |
| | | | | Nebraska NF | | Ft. Pierre NG | | Black Hills NF | |
| | | | | Ogalala NG | | | | Medicine Bow NF | |
| | | | | | | | | Thunder Basin NG | |
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