

REGION 2 SENSITIVE SPECIES EVALUATION FORM

| Species: Carex peckii Howe / Peck's sedge / CAPE11 (Scientific Name/Common Name/National Code for Plants – USDA PLANTS) | | | |
|---|------|--|---|
| Criteria | Rank | Rationale | Literature Citations |
| 1 Distribution within R2 | B | Black Hills of SD & WY; ncent CO, ncent WY, n NEB. (also e SD) Confidence in Rank Medium | <ul style="list-style-type: none"> GPFA 1977, Johnston 2001, RM 2001. |
| 2 Distribution outside R2 | C | Ranges across n North America from AK to NS and south to CO, NEB, IA, IN, GA. Confidence in Rank High | <ul style="list-style-type: none"> NatureServe 2001, GPFA 1986. |
| 3 Dispersal Capability | B | In this part of its range it probably has a more restricted habitat than in the bulk of its range, and seedling establishment is probably more limited. Confidence in Rank Low | <ul style="list-style-type: none"> |
| 4 Abundance in R2 | D | CO: Described as "rare" (p. 171, Weber & Wittmann 2001). but also described regionally as "common," (p. 161, Johnston 2001). WY: 9 collection locations (RM 2001). Black Hills: Variously described as "occasional" (Marriott 1986), "frequent" (McIntosh 1931); and as "infrequent" (Van Bruggen 1985). D.J. Ode regards it as "occasional," not particularly rare in the Black Hills. NEB: Ranked S2. Confidence in Rank Medium | <ul style="list-style-type: none"> Johnston 2001, Weber & Wittmann 2001, McIntosh 1931, Marriott 1986, Van Bruggen 1985, NatureServe 2001. |
| 5 Population Trend in R2 | D | Confidence in Rank Medium | <ul style="list-style-type: none"> |
| 6 Habitat Trend in R2 | BA | Inhabits cool shaded gulches; rich, moist sites in woods and thickets; aspen or birch or pine forests; calcareous soils. (Not regarded as a wetland plant, USDA 2001). Perhaps some decline in habitat quality due to livestock impacts, road construction, invasive spp., etc., but thus far, rather broad habitats have been described. Confidence in Rank Medium | <ul style="list-style-type: none"> Weber & Wittmann 2001, Johnston 2001, Marriott 1986, GPFA 1986, USDA 2001. |
| 7 Habitat Vulnerability or Modification | B | Rather broadly defined habitats suggest less vulnerability. Confidence in Rank Medium | <ul style="list-style-type: none"> |

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| 8 Life History and Demographics | D | Perennial. Reproducing by seed and vegetatively from tillers. Confidence in Rank Medium | • |
| Evaluator(s): David J. Ode | | | Date: 14 November, 2001 |

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

| Species Name: Carex peckii | | | | | | | | | | | |
|-----------------------------------|--------|---------------------|--------|-----------------------|--------|---------------------------|--------|----------------------|--------|-------|--------|
| <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 | Known | Likely |
| | ? | Cimarron 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 | | X | |
| | | | | Ogalala NG | | | | Medicine Bow NF | | | |
| | | | | | | | | Thunder Basin 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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