

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

| Species: <i>Catostomus catostomus</i> (Longnose sucker) | | | |
|--|------|---|---|
| Criteria | Rank | Rationale | Literature Citations |
| 1 Distribution within R2 | A | In Wyoming, found in the Yellowstone River and Yellowstone Lake, Bighorn River, in Sand and Redwater Creeks in the Belle Fourche River Drainage, and in the North and South Platte River systems where it is abundant (North Platte River and in Lodgepole Creek, South Platte drainage at the Nebraska state line, but these locations are near the eastern limits of the species. In SD, reported from upper Belle Fourche River Drainage. Also found in Cook Lake (Wyoming, Bearlodge Mtns.) and Pactola Lake (Black Hills). Confidence in Rank Medium | <ul style="list-style-type: none"> • NatureServe 2001 • Fishbase • Baxter and Simone 1970 • Black Hills NF 2000 |
| 2 Distribution outside R2 | C | Most of the species range is in Canada. Is secure throughout Canada, MT, WY and CO. Confidence in Rank High | <ul style="list-style-type: none"> • NatureServe 2001 • Fishbase • Baxter and Simone 1970 |
| 3 Dispersal Capability | B | Dispersal is likely limited to suitable habitat. Confidence in Rank Low | <ul style="list-style-type: none"> • |
| 4 Abundance in R2 | C | Secure in CO, WY. Apparently secure in NE. SD is listed as critically imperiled (S1). Confidence in Rank Medium | <ul style="list-style-type: none"> • NatureServe 2001 |
| 5 Population Trend in R2 | A | Suspected downward trend in Wyoming and SD. Confidence in Rank Low | <ul style="list-style-type: none"> • Black Hills NF 2000 |
| 6 Habitat Trend in R2 | D | No information on habitat trend. Confidence in Rank Low | <ul style="list-style-type: none"> • |

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| 7 Habitat Vulnerability or Modification | D | Unknown. Confidence in Rank Low | • |
| 8 Life History and Demographics | D | Unknown. Confidence in Rank Low | • NatureServe 2001 |
| Initial Evaluator(s): Kerry Burns | | | Date: 07/18/2001 |

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 |
| Arapaho-Roosevelt NF | | Cimmaron NG | | Samuel R. McKelvie NF | | Black Hills NF | X | Shoshone NF | |
| White River NF | | | | Halsey NF | | Buffalo Gap NG | | Bighorn NF | |
| Routt NF | | | | Nebraska NF | | Ft. Pierre NG | | Black Hills NF | X |
| Grand Mesa, Uncompahgre, Gunnison NF | | | | Ogalala NG | | | | Medicine Bow NF | |
| San Juan NF | | | | | | | | Thunder Basin NG | X |
| Rio Grande NF | | | | | | | | | |
| Pike-San Isabel NF | | | | | | | | | |
| Comanche NG | | | | | | | | | |

LITERATURE CITED

Baxter, G.T., and J.R. Simon. 1970. Wyoming Fishes. Bulletin No. 4. Wyoming Game and Fish Department. Cheyenne.

Black Hills National Forest. 2000. Selection Report: Aquatic Management Indicator Species for the Black Hills National Forest.

Fishbase. <http://www.fishbase.org/Summary/SpeciesSummary.cfm?genusname=Catostomus&speciesname=catostomus%20catostomus>

NatureServe: An online encyclopedia of life (web application). 2001. Version 1.4. Arlington, Virginia, USA. Association of Biodiversity Information. Available: <http://www.natureserve.org/>. (Accessed: July 18, 2001).