

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: <b><i>Fundulus diaphanous</i></b> – Banded killifish			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	A	Not present in most of R2. Critically imperiled in SD (state endangered); range includes northeastern NE but not ranked there.  Confidence in Rank <del>High or Medium or Low</del>	<ul style="list-style-type: none"> <li>www.NatureServe.org</li> </ul>
2 Distribution outside R2	C	Nationally demonstrably secure. Ranks from Critically imperiled to Secure outside R2.  Confidence in Rank <del>High or Medium or Low</del>	<ul style="list-style-type: none"> <li>www.NatureServe.org</li> </ul>
3 Dispersal Capability	B	In SD occupies quiet waters of lakes and ponds, and muddy streams.  Confidence in Rank <del>High or Medium or Low</del>	<ul style="list-style-type: none"> <li>SD Dept. Game, Fish &amp; Parks. 1991. <i>The Fragile Legacy</i>.</li> </ul>
4 Abundance in R2	A	Critically imperiled in SD. Range is in eastern part of SD; thus, does not occur on NFS lands.  Confidence in Rank <del>High or Medium or Low</del>	<ul style="list-style-type: none"> <li><a href="http://www.NatureServe.org">www.NatureServe.org</a></li> <li>SD Gap Project</li> </ul>
5 Population Trend in R2	A	Based on Critically imperiled ranking in SD.  Confidence in Rank <del>High or Medium or Low</del>	<ul style="list-style-type: none"> <li>www.NatureServe.org</li> </ul>
6 Habitat Trend in R2	A	Based on Critically imperiled ranking in SD. Range is in eastern part of SD; thus, does not occur on NFS lands. Wetland drainage has reduced habitat.  Confidence in Rank <del>High or Medium or Low</del>	<ul style="list-style-type: none"> <li><a href="http://www.NatureServe.org">www.NatureServe.org</a></li> <li>SD Gap Project</li> <li>SD Dept. Game, Fish &amp; Parks. 1991. <i>The Fragile Legacy</i>.</li> </ul>
7 Habitat Vulnerability or Modification	D	Range is in eastern part of SD; thus, does not occur on NFS lands, and is not directly affected by FS land mgmt activities.  Confidence in Rank <del>High or Medium or Low</del>	<ul style="list-style-type: none"> <li><a href="http://www.NatureServe.org">www.NatureServe.org</a></li> <li>SD Gap Project</li> </ul>

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8 Life History and Demographics	D	Range is in eastern part of SD; thus, does not occur on NFS lands.  Confidence in Rank <del>High or Medium or Low</del>	<ul style="list-style-type: none"> <li>• <a href="http://www.NatureServe.org">www.NatureServe.org</a></li> <li>• SD Gap Project</li> <li>• SD Dept. Game, Fish &amp; Parks. 1991. <i>The Fragile Legacy</i> (Ashton and Dowd, 1991)</li> </ul>
Evaluator(s): Ann Gray Koch			Date: 7/19/2001

National Forests in the Rocky Mountain Region where species is KNOWN (K) or LIKELY (L)<sup>1</sup> to occur: None.

<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		Shoshone NF	
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									

<sup>1</sup> 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.