

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: <i>Hybognathus hankinsoni</i> – Brassy minnow			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	B	Demonstrably or Apparently secure in WY, SD, and NE. Vulnerable in CO (state-listed threatened), and Critically Imperiled in KS. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> • www.NatureServe.org • Fausch, 1999. • Dr. Kurt Fausch, CSU 970/491-2749
2 Distribution outside R2	C	Widespread in central North America; often abundant where it is found. Ranks from Secure to Critically Imperiled outside R2. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> • www.NatureServe.org
3 Dispersal Capability	B	Occupies smaller tributaries and mainstem river habitats, irrigation ditches, or pools. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> • Fausch, 1999. • Nesler et al., 1997. (CDOW)
4 Abundance in R2	C	Rank based Secure ratings for WY, SD, and NE. Widespread in central North America; often abundant where it is found. Not known to occur on NFS lands in CO, KS, NE, and SD. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> • Nesler et al., 1997. (CDOW) • SD Gap Analysis • www.NatureServe.org
5 Population Trend in R2	B	See notes under Abundance. Rank based on Secure ratings for WY, SD and NE. Unthreatened on a range-wide basis, although it may be threatened in minor portions of the range. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> • www.NatureServe.org
6 Habitat Trend in R2	B	See notes under abundance. Rank based on Secure ratings for WY, SD, and NE. Tolerant of a variety of aquatic habitats. Vulnerable to water diversions in CO. Not known to occur on NFS lands in CO, KS, NE, and SD. Likely to occur (undocumented) on NFS lands in WY along east boundary Med Bow NF before Laramie and North Laramie Rivers leave Forest. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> • www.NatureServe.org • Fausch, 1999. • Dr. Tim Patton 580-745-2284 (WY studies)

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Criteria	Rank	Rationale	Literature Citations
7 Habitat Vulnerability or Modification	B	USFS has little authority over water diversions. Confidence in Rank High or Medium or Low	•
8 Life History and Demographics	C	Native fishes in western Great Plains streams encounter harsh conditions created by seasonal intermittency. Tolerant of a variety of aquatic habitats. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> • Scheurer and Fausch, 2001. • www.NatureServe.org
Evaluator(s): Ann Gray Koch			Date: 7/26/2001

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

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		Shoshone NF	
				Halsey NF		Buffalo Gap NG		Bighorn NF	
				Nebraska NF		Ft. Pierre NG		Black Hills NF	
				Ogalala NG				Medicine Bow NF	X
								Thunder Basin NG	