

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: <i>Platygobio gracilis</i> / Flathead Chub			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	B2	Broadly distributed in R2 (plains systems only) with gaps present along population and habitat gradients both on and off FS admin units. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> Rahel and Thel (2004) Lee et al. (1980)
2 Distribution outside R2	C	Widespread, secure in northern portion of range, however considered imperiled in southern portion Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> Rahel and Thel (2004) Gelwickds et al. (1996) Grady and Milligan (1998)
3 Dispersal Capability	A	Aquatic habitat disconnected as a result of diversions, and altered water tables creating barriers with some habitats being ephemeral Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> Rahel and Thel (2004)
4 Abundance in R2	C	Some indications of decreases in abundance (i.e. N. Platte River, Powder River, and Nebraska). No longer abundant in Kansas. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> Rahel and Thel (2004)
5 Population Trend in R2	A	Extirpated from Upper Cimarron River (KS) and some signs of potential population decreases in lower ¾ of R2. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> Rahel and Thel (2004) Nesler et al. (1999) Hesse (1994) Patton et al. (1998)
6 Habitat Trend in R2	A	Grasslands are many times “checker boarded” land ownership pattern, with FS admin units surrounded by impacted habitat on private land. Modifications have occurred mostly on private land, but on FS admin lands as well. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> Rahel and Thel (2004)

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7 Habitat Vulnerability or Modification	B	Most impacts off of NF admin units, but NF management activities have contributed to flow regime modification and water quality degradation. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> Rahel and Thel (2004)
8 Life History and Demographics	B	Populations have been impacted by non-native invaders, barriers disrupting life histories, and water quality impairments. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> Rahel and Thel (2004)
Evaluator(s): Richard Vacirca			Date: 3/8/05

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

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

NOTE: This species has been extirpated from the Upper Cimarron River (Cimarron NG), but does occur downstream of this FS admin unit.

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.