

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: *Heterodon platirhinos* – eastern hognose snake

Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	A	Few areas of appropriate habitat exist within region 2; may occur in three locations (see below); region is at western edge of species range. Medium confidence	•
2 Distribution outside R2	C	Main distribution of species is east of region 2. High confidence	•
3 Dispersal Capability	B	Probably has low capacity to disperse significant distance. Medium confidence	•
4 Abundance in R2	D	No information available. Low confidence	•
5 Population Trend in R2	D	No information available. Low confidence	•
6 Habitat Trend in R2	A	Probable decline in habitat quality, because this species is usually associated with sandy habitat along rivers and streams, which in turn are declining in quality. Medium confidence	•
7 Habitat Vulnerability or Modification	A	Habitat subject to modification such as water impoundment, channelization, overuse of groundwater and drop of water table, etc. Medium confidence	•

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8 Life History and Demographics	B	Medium-sized and moderate lifespan, relatively low reproductive potential, 2-4 years to sexual maturity. Hatchlings subject to high predation pressures, low survivorship. Medium confidence	•
Initial Evaluator(s): Dr. Stephen P. Mackessy			Date: 12/4/2001

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

Likely to occur only in three locations in Region 2 (see below).

<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
			X	X					
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									
Pawnee									

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.