

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: ***Storeria occipitomaculata pahassapae*** – Black Hills redbelly snake

Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	A	Occurs only in the Black Hills NF of SD and WY. Disjunct population exists very isolated from other populations of this species. There is a need for genetic evaluation of the uniqueness of this subspecies, as it appears to intergrade with <i>S. o. occipitomaculata</i> in northwestern part of range. However, current population in R2 is widely separated from other populations of species and may represent a genetically distinct population. High confidence	•
2 Distribution outside R2	C	Vast majority of species distribution is outside region 2. High confidence	•
3 Dispersal Capability	A	Small secretive species, unlikely to disperse significant distance. High confidence	•
4 Abundance in R2	B	Good population estimates are not available. Medium confidence	•
5 Population Trend in R2	D	No data available. High confidence	•
6 Habitat Trend in R2	B	Habitat likely stable at present. Species will be negatively affected by modification such as logging/clearcut. Medium confidence	•

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7 Habitat Vulnerability or Modification	A	Because this subspecies occurs in an apparently very limited area, habitat loss could be extremely detrimental. High confidence	•
8 Life History and Demographics	C	Moderately high reproductive rate, short-lived small species. Many predators of both adults and neonates; neonate survivorship low. 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:

Occurs only in the Black Hills NF Region 2

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>	Known	Likely	<u>Kansas NF/NG</u>	Known	Likely	<u>Nebraska NF/NG</u>	Known	Likely	<u>South Dakota NF/NG</u>	Known	Likely	<u>Wyoming NF/NG</u>	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		
Rio Grande NF														
Pike-San Isabel NF														
Comanche NG														
Pawnee														