

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

<p>Species: <i>Peromyscus truei</i> / Pinyon Mouse; <i>Peromyscus truei comanche</i> is not found in R2. It consists of an isolated population which inhabits the Palo Duro Canyon region on the Texas panhandle just south of Amarillo. This evaluation is for the Pinyon mouse in general which is found in the PJ belts of SE and W Colorado.</p>			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	C	The species is found only in the pinyon juniper belt in western Colorado and SE Colorado. Where the habitat exists in R2, it is contiguous and therefore warrants the C ranking. Confidence in Rank High or Medium or Low	Mammals of Colorado (1994) Sevilleta LTER Data-Internet
2 Distribution outside R2	C	Distribution is wide outside of R2, NM, AZ, UT, NV, CA; with an isolated population in the Texas panhandle of the subspecies <i>P.t.Comanche</i> . Confidence in Rank High or Medium or Low	Mammals of Colorado (1994) Sevilleta LTER Data-Internet Mammals of Texas-Online
3 Dispersal Capability	B	Even though <i>P.truei</i> is restricted to rocky PJ habitat, the existing habitat on private, state and public lands is contiguous within and outside of Region 2. Confidence in Rank High or Medium or Low	Mammals of Colorado (1994) Sevilleta LTER Data-Internet Mammals of Texas-Online
4 Abundance in R2	C	Although only producing 4 young on average per litter, surveys done in CO for CDC at the 4 sites trapped at the Pinyon Cyn maneuver site (SE CO, 24,374 trap nights 1994-1997) adjacent to the Timpas range unit of the Comanche NG, they were the second most abundant rodent trapped. The most abundant being <i>Peromyscus maniculatus</i> . Confidence in Rank High or Medium or Low	Mammals of Colorado (1994) Sevilleta LTER Data-Internet Mammals of Texas-Online CDC-Dual Captures of Colorado Rodents: Implications for Transmission of Hantaviruses. Calisher et.al. (1998)
5 Population Trend in R2	B	<i>P. truei</i> is cyclic like <i>P. maniculatus</i> , based on the CDC/Calisher et.al. I would expect the population to be stable where it is found in R2. Confidence in Rank High or Medium or Low	Mammals of Colorado (1994) Sevilleta LTER Data-Internet Mammals of Texas-Online CDC-Dual Captures of Colorado Rodents: Implications for Transmission of Hantaviruses. Calisher et.al. (1998)

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Criteria	Rank	Rationale	Literature Citations
6 Habitat Trend in R2	B	Prime habitat appears to be in very rocky PJ areas (PJ density does not appear to be a factor). With current FS management of PJ, I do not see habitat trend being compromised even on private land and expect stable amounts of suitable habitat to remain. In some places where ecosystem management of PJ occurs, I expect that management is improving the habitat quality by thinning and Rx burning in PJ. Confidence in Rank High or Medium or Low	Mammals of Colorado (1994) Sevilleta LTER Data-Internet Mammals of Texas-Online
7 Habitat Vulnerability or Modification	C	Some of the same rationale as in evaluation #6 applies here also. I suspect the habitat is resilient and vulnerable only towards a catastrophic event , such as flooding and wildfire. Confidence in Rank High or Medium or Low	Mammals of Colorado (1994) Sevilleta LTER Data-Internet Mammals of Texas-Online
8 Life History and Demographics	C	Breeding occurs April through September, population turnover is high and are often abundant in suitable habitat (Mammals of Colorado, 1994). Confidence in Rank High or Medium or Low	Mammals of Colorado (1994) Sevilleta LTER Data-Internet Mammals of Texas-Online
Initial Evaluator(s): DGC			Date: May 7, 2001

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

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
Arapaho-Roosevelt NF	N	Cimmaron NG	N	Samuel R. McKelvie NF	N	Black Hills NF	N	Shoshone NF	N
White River NF	Y			Halsey NF	N	Buffalo Gap NG	N	Bighorn NF	N
Routt NF	Y			Nebraska NF	N	Ft. Pierre NG	N	Black Hills NF	N
Grand Mesa, Uncompahgre, Gunnison NF	N Y Y			Ogalala NG	N			Medicine Bow NF	N N
San Juan NF	Y							Thunder Basin NG	N
Rio Grande NF	Y								
Pike-San Isabel NF	Y								
Comanche NG	Y								