

Pinon Mouse - *Peromyscus truei*

Abundance: Rare

Status: NSS3 (Bb)

NatureServe: G5 S1

Population Status: distribution are restricted but extirpation is not imminent; limited ability to increase species distribution. The IUCN considers the rangewide population to be stable

Limiting Factor: Habitat (and Ecology and Competition): limiting factors are severe; habitat is restricted and not likely to increase but is vulnerable to loss

Comment:

Introduction

The pinyon mouse occurs from central Oregon, east to eastern Colorado and the panhandle of Texas, and south to southern Mexico. In Wyoming, it occurs only in the southwestern corner of the state; it is probably confined to suitable habitat along Flaming Gorge Reservoir and isolated mesas elsewhere in southern Sweetwater County. The pinyon mouse is considered rare in Wyoming.

Habitat

The pinyon mouse inhabits open stands of juniper grasslands and shrub-steppe where shrubs are not dense. It often occurs among rocks or on rocky slopes. It nests in a hollow juniper tree or rock crevice.

Problems

Conservation Actions

- h Conduct inventories for species in all suitable habitats in the state.
- h Delineate important habitats and work cooperatively with land management agencies to maintain these within the designated areas
- h Integrate management actions for this species with other Pinon / Juniper obligates.
- h Management of juniper in southwestern Wyoming should not favor one of the juniper obligates to the detriment of others. Instead, management should be coordinated to provide a mosaic of juniper woodland conditions.

Monitoring/Research

No on-going monitoring.

Recent Developments

None.

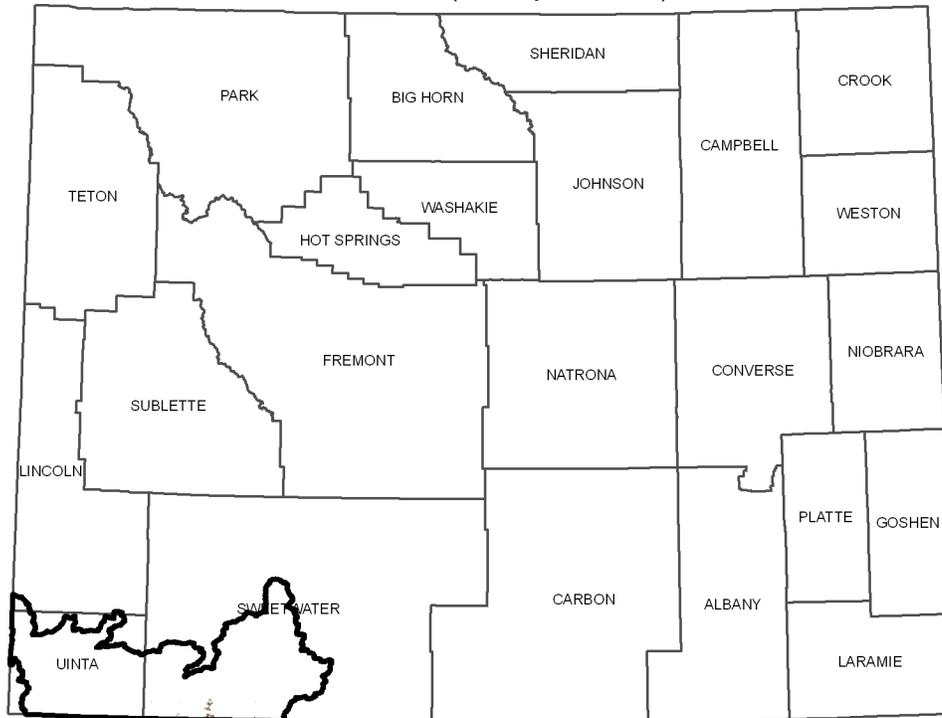
References

Oakleaf B, Cerovski AO, Luce B. 1996. Nongame bird and mammal plan: a plan for inventories and management of nongame birds and mammals in Wyoming. Wyoming Game and Fish Department, Nongame Program. 183 p.

Rompola KM. 2000. Small mammals of a juniper woodland and sagebrush-grassland mosaic in southwestern Wyoming. MSc thesis. Laramie: Univ Wyoming.

Wilson DE, Ruff S. 1999. The Smithsonian book of North American mammals. Washington: Smithsonian Inst Pr. 750 p.

Hoffmeister DF. 1981. *Peromyscus truei*. Mammalian Species 161:1-5.

Piñon Mouse (*Peromyscus truei*)

SOURCE: Digital maps of ranges and predicted distributions for Wyoming Species of Greatest Conservation Need: April 2010. Wyoming Natural Diversity Database. University of Wyoming, Laramie, Wyoming. Note that brown indicates the predicted distribution of the species; heavy black lines indicate outermost boundaries of possible occurrence.