

Plains Pocket Mouse - *Perognathus flavescens*

Abundance: Rare

Status: NSS3 (Bb)

NatureServe: G5 S2

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

Limiting Factor: Habitat (Ecology): limiting factors are severe; species has a limited ability to disperse long-range and occupy potentially suitable habitats

Comment:

Introduction

The plains pocket mouse inhabits the Great Plains and intermountain basins from Minnesota southwest to Texas and southern New Mexico. It is mainly distributed east and southeast of Wyoming, although it is known to occur in southeastern Wyoming and the Bighorn Basin. The plains pocket mouse is considered rare in Wyoming.

Habitat

The plains pocket mouse inhabits sand dunes, sagebrush-grassland, yucca-grassland, and grama grassland in Wyoming. It generally occurs in areas with sandy or sandy-loam soil, with sparse vegetation, and where the height of the dominant vegetation exceeds 50 cm (20 in).

Problems

- h No ongoing efforts to delineate important habitats in Wyoming.
- h Population densities and trends are not well known.
- h Species may be impacted by management strategies in shrub-grasslands, that reduce grass production and seed set.

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 Design vegetation treatments, fire management plans, and grazing regimes in habitat that mimic and restore natural landscape patterns and disturbance processes, maintain habitat connectivity, and maintain the native composition of herbaceous plant and shrub communities that are important for seed crops.

Monitoring/Research

No on-going monitoring.

Recent Developments

None.

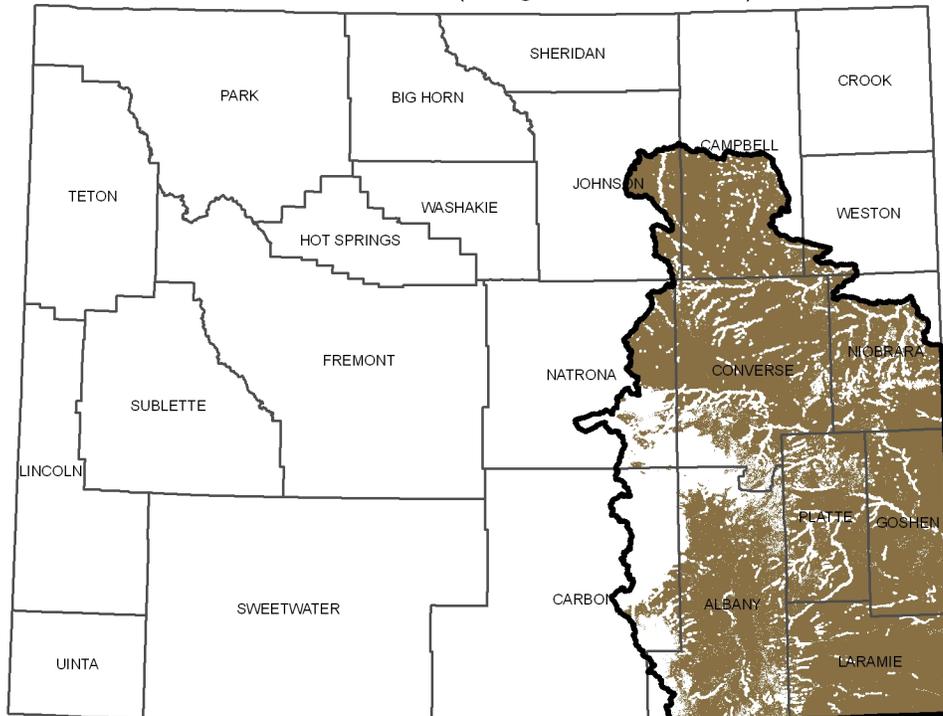
References

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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.