

Hayden's Shrew - *Sorex haydeni*

Abundance: Rare

Status: NSS4 (Bc)

NatureServe: G4 S3

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

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

Comment:

Introduction

The Hayden's shrew inhabits the northern Great Plains of central North America, from southern Alberta, Saskatchewan, and Manitoba south to northern Kansas and Missouri. In Wyoming, it occurs in the Black Hills and the Bighorn Mountains. The Hayden's shrew is considered rare in Wyoming.

Habitat

The Hayden's shrew inhabits grasslands, prairies, marshes, riparian areas, and wet meadows. In the Black Hills, it is locally abundant in wet areas, although it is sometimes found in rocky, drier pine habitats, and appears to favor areas with at least some open grassland. It nests under logs or rocks or in crevices.

Problems

- h No ongoing efforts to delineate important habitats in Wyoming.
- h Population densities and trends are not well known.
- h Species is difficult to survey (e.g., capture, detect, identify, etc.).

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 Improve survey methodology (e.g., capture, detection, etc.).

Monitoring/Research

No on-going monitoring.

Recent Developments

None.

References

Cerovski AO, Grenier M, Oakleaf B, Van Fleet L, Patla S. 2004. Atlas of birds, mammals, amphibians, and reptiles in Wyoming. Lander: Wyoming Game and Fish Department, Nongame Program. 206 p.

Clark TW, Stromberg MR. 1987. Mammals in Wyoming. Lawrence (KS): Univ Kansas, Museum Nat Hist. 314 p.

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

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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.