

A summary of the mammals of Fish Springs National Wildlife  
Refuge for the summer of 1958.

Submitted by:

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## Mammals of Fish Springs

The following is a summary of mammals observed at Fish Springs National Wildlife Refuge, Juab Co., Utah. These observations were made during the periods of June 29, thru July 3, July 14-18, and July 21-25, 1958. Observations were made in connection with work of cover type mapping, brood and nesting counts, and a preliminary survey of the area.

The refuge consists mainly of flooded alkali flats, and lies just east of the Fish Springs range, with foothills of the range entering the refuge in a place or two near the north end. The refuge is fed by numerous cold springs located along the western edge of the area.

Very few mammals were observed on the refuge during the period mentioned above. The most common being the Muskrat, Ondatra zibethica, which appear to be very numerous, having tunneled through most of the small dikes that are now on the area. Two other rodents seen on the area were the field mouse, and the meadow mouse, although neither of these appeared to be overly abundant. Both the Black-tailed Jackrabbit, Lepus californicus, and the Cottontail, Sylvilagus nuttalli, were observed, but not in great numbers. Antelope Ground Squirrels, Citellus leucurus, were abundant on the higher areas, usually in the Shadscale-Rabbitbrush complex. Two types of bats were observed on the area, but only one was positively identified, that being the Small-footed Myotis, Myotis subulatus. The larger species was in all probably being the Brown Bat, Eptesicus fuscus. One Badger, Taxidea taxus, were observed near the old Pony Express Station, and a dark color phase of the red fox, Vulpes fulva, was seen about 15 miles east of the refuge; it is possible that it may frequent the refuge on occasion. Coyote, Canis latrans, tracks were seen inside the refuge boundary, but no coyotes were observed inside the refuge boundary during the periods mentioned. Remains of the Spotted Skunk, Spilogale interrupta, Badger, Bobcat, and Coyote were present around the old trappers cabin near the North Spring, but being unable to contact the trapper it is not certain if these animals not already mentioned were taken on the refuge or not.

Mr. Jack Kelp, a student at Wash. State Univ. who is working on his masters degree in Geology on the Fish Springs range reported that he had seen Antelope, Antilocapra americana, on the area. He suggested that additional information on mammals utilizing the area might be obtained by contacting the Ecological Section at Dugway Proving Grounds. This I was unable to do in the time allotted for work at Fish Springs, but much valuable information might be gained from this source for future use in compiling a complete and accurate list of mammals on the area.

This meager information is respectfully submitted with the hope that it will be of some use in future work on the Fish Springs Refuge.

Submitted by,

Keith Hansen, Stu. Assist.

FISH SPRINGS NATIONAL WILDLIFE REFUGE  
DUGWAY, UTAH

Species

MAMMAL LIST

Date

Sorex vagrans

Vagrant Shrew

Myotis subulatus

Small-Footed Myotis

Pipistrellus hesperus

Western Pipistrel

Tadarida mexicana

Mexican Freetail Bat

Bassariscus astutas

Rintail Cat

Mustela frenata

Longtail Weasel

✓ Spilogale putorius saxatilis

Spotted Skunk (Wester)

✓ Mephitis mephitis

Striped Skunk

✓ Taxidea taxus taxus

Badger

✓ Vulpes macrotis nevadensis

Kit Fox (Western Desert Representative)

✓ Canis latrans lestes

Coyote

✓ Lynx rufus pallescens

Bobcat

Spermophilus (=Citellus) townsendi mollis

Townsend Ground Squirrel

✓ Ammospermophilus (Citellus) leucurus leucurus

White-Tailed Antelope Squirrel

✓ Perognathus longimembris gulosus

Little Pocket Mouse

✓ Perognathus formosus incolatus

Long-Tailed Pocket Mouse

✓ Dipodomys ordi pallidus

Ord Kangaroo Rat

Species

Date

✓ Dipodomys microps bonnevilliei  
Great Basin - Chisel-Toothed Kangaroo Rat

✓ Onychomys leucogaster utahensis  
Northern Grasshopper Mouse

✓ Reithrodontomys megalotis megalotis  
Western Harvest Mouse

✓ Peromyscus crinitus pergracilis  
Canyon Mouse

✓ Peromyscus maniculatus sonoriensis  
Deer Mouse

✓ Neotoma lepida lepida  
Desert Wood Rat

✓ Microtus montanus micropus  
Mountain Vole

✓ Thomomys bottae bonnevilliei (= T. umbrinus b.) <sup>Pocket</sup> <sub>gopher</sub>

✓ Ondatra zibethica osoyoensis  
Muskrat

✓ Lepus californicus deserticola  
Blacktail Jackrabbit

✓ Sylvilagus auduboni arizonae  
Audubon Cottontail - Desert Cottontail

Erethizon dorsatum

porcupine (seen on south side of Curlew dike) 8/20/12  
R. Kraft

Odocoileus hemionus most often seen during dry part of  
mule deer the summer

Antilocapra americana

Pronghorn

Equus

mustang

8/27/64