

## **Checklist of Mammals of the Oliver Wildlife Preserve, Cleveland County, Oklahoma**

**DAVID G. RUFFER, Department of Biology  
The Defiance College, Defiance, Ohio**

The Oliver Wildlife Preserve of the University of Oklahoma is located two miles south of Norman, Cleveland County, on the upper level of the South Canadian River flood plain. This 60-acre forest, maintained for biological research, is composed mostly of Green Ash, American Elm, Red Cedar, and Persimmon. The area was grazed by about 15 head of cattle until the spring of 1961, when they were removed. A few small pools are present during periods of normal rainfall, and the southwest corner of the preserve is flooded in the spring. An open area on the southern part of the woods represents a sand bar of a past channel of the South Canadian River.

During the fall of 1960, I conducted a period of extensive mammal trapping in the area to compile a checklist of the mammals in the preserve. Sherman live traps were baited with a mixture of rolled oats and peanut butter, and placed in grids of 60-foot intervals at various locations within the area. Ten Havahart traps were similarly baited and placed about the area. All mammals captured were marked by clipping various combinations of toes and released.

Because removal of the cattle has resulted in a marked change in the vegetation of the preserve, this checklist is presented with the hope of stimulating interest in a comparison of pre- and post-grazing fauna and flora of the preserve. Carpenter (1959) has presented a checklist of the reptiles and amphibians of the preserve.

The common names and taxonomy used in this paper are those of Hall and Kelson (1959). After each species is given the common name and number of individuals captured (from a total of 34 individuals cap-

ured). Some species were recorded from only sight or sign records and not captured. Unless otherwise noted, the species were captured in both open and wooded areas.

Order **MARSUPIALIA**

Family **Didelphidae**

*Didelphis marsupialis virginiana* (Opossum) (1 capture, 1 sight)

Order **INSECTIVORA**

Family **Talpidae**

*Scalopus aquaticus* (Eastern mole) (sight and sign)

Order **LAGOMORPHA**

Family **Leporidae**

*Sylvilagus floridanus* (Eastern Cottontail) (sight)

Order **RODENTIA**

Family **Sciuridae**

*Spermophilus tridecemlineatus* (13-lined Ground Squirrel) (sight)

*Sciurus niger* (Fox squirrel) (sight)

Family **Cricetidae**

*Peromyscus maniculatus* (Deermouse) (6)

*Peromyscus leucopus* (White-footed mouse) (17)  
(wooded areas)

*Sigmodon hispidus texianus* (Hispid Cotton Rat) (5)  
(open areas)

*Neotoma floridana osagensis* (Eastern wood Rat) (1) (signs)  
(wooded areas)

*Microtus pinetorum nemoralis* (Pine Vole) (1)

Family **Muridae**

*Rattus norvegicus* (Norway Rat) (1) (sight)

*Mus musculus* (House Mouse) (2)

Order **CARNIVORA**

Family **Canidae**

*Canis latrans* (coyote) (sight by Mr. Oliver)

Family **Procyonidae**

*Procyon lotor hirtus* (Raccoon) (sight and sign)

Family **Mustelidae**

*Mephitis mephitis mesomelas* (Striped Skunk)  
(sight and sign)

## LITERATURE CITED

- Carpenter, C. C. 1959. Reptiles and amphibians of the Oliver Wildlife Preserve. Proc. Okla. Acad. Sci. 37: 33-34.
- Hall, E. R. and K. R. Kelson. 1959. The mammals of North America. Ronald Press Co., New York.
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