

of the river. In late summer it is possible for beaver to build dams across the river. In flood times there is not even a high den available. One day a den is conveniently placed near water level and the next day is 10 feet high and dry. Do they have several dens that can be used according to the changeable water level. When are stick houses built and what are the modifications.

Fox squirrel: those observed were singles and pairs, never in threes. While we did not see many because of the unfavorable weather the number of nests indicate that the population is normal for the region. Cold & rainy weather keeps the squirrels inactive. We observed for the first time a fox squirrel swimming across a body of water. One crossed the full width of the river of approx. 30 feet. The crossing was direct and without deviation of course or speed. On the basis of swimming habit it could be differentiated between a squirrel and a muskrat. The head and shoulders ride high in water.

Raccoon: Tracks all along Wakarusa but mainly between Richland & Clinton in areas adjacent timber of side of valley.

Muskrats, 5 observed but probably many more.

Cottontail rabbit. Although we passed through favorable areas we did not see a single cottontail which was one of the most interesting facts of the trip.

Cats, no cats along entire route.

Dogs 2 hunting pairs without hunters; a great source of disturbance to wildlife.

People. We did not see a single individual in the two days of travel except as cars passed over bridges.

Carp. One left the edge of bank; others feeding but to the extent of 5 or 6 only. Not much surface action.

Paper nest wasps (see account in census)

Gnat. In the more quiet sections of the river we observed a black gnat flying about 4 feet above the water. No other insects noted.

I was impressed with the fact that birds and mammals are not as active in cold-windy-rainy weather as they are in the sunshine. The squirrel population was only a fraction of what it would be on a sunny day. This points out the importance of making census under similar conditions of weather and time of day, and season of year, otherwise