

Lawrence, Douglas Co., Kansas

March 28, 1981

Left for vacation to Provo, Seattle, Casper. at mileage 29557.2 at 12.00 P.M. noon, <sup>Temp 38°F</sup> High wind. Completed check of equipment last night. Annette and I made trip with mercury marquee and Starcraft trailer. Will keep complete census on entire trip which includes all recognizable road kill and all birds and mammals within viewing area which for practical purposes is areas 150' along each side of road and beyond in case of some raptors. Each observation is correlated with mileage and in case of more than one observation for a particular mileage reading will infer that other observations were continuous and usually would extend not more than  $\frac{1}{10}$  to  $\frac{2}{10}$  mile beyond the original mileage given. It is not practical to give mileage for 2 or 3 consecutive observations that are more or less continuous. Focal points such as county lines, rivers, junctions and towns are given to more exactly place the point of observation. Mileage for town if not exactly specified mean the middle of town (these are for small towns where the center is defined by several commercial buildings or at cross-roads. City limits, Post office, and other prominent buildings are used. No birds are recorded from within the city limits of towns nor are starlings or English sparrows recorded except as summation observations. All raptors are recorded by mileage so that distribution can be plotted to + or minus less than  $\frac{1}{10}$  mile. This also applies to all other observations. Time and other weather conditions are periodically given. These observations can be used to determine population and distribution of animals. It is recognized that time of day, wind, etc is a factor that must be adjusted in the census results. It is hoped that one day I will have a recorder that automatically registers mileage, time, temp, wind etc with each observation.

Sparrow hawk at farmers turnpike and turnoff to Lake View road. also opossum road kill. Cultivated lands all in green grass or vegetation mainly 2" to 3" high. Brown of winter grass still dominant color. Winter wheat 5-6" high many fields plowed. native trees are without leaves but only slight greenish cast. 3 crows in trees find it difficult