

had a greater number or percentage of the fruits consumed by the neotoma. There is a high population of these animals in the area with houses of extra large size. The population has not reached the point where nests are placed in trees although a few are so placed. The state of freshness of fruits would indicate that they have been eaten for some time up to just recent consumption. Gray squirrel. 8:00 first erasional gully + shed. Barred owl left trees and was chased by 2 Crows. 8:06 second erasional gully with red barn + silo. old road above (cause of erosion). In field below are two marsh hawks and one Harlan hawk. 8:16 red barn and silo. Neotoma and nest of dry fibers and another of green leaves under old wagon body a few feet from silo. Yellow-shafted flicker, red-bellied woodpecker. Because of the numerous orange trees there are many neotoma in area. Just beyond the silo area is a rounded knoll with a single tree with ground covered by green mosses and lichens. This condition is due to complete drainage on all sides. 4 slate colored juncos, 8:25 main hedgerow from valley to top of ridge. 2 blue-jays and 1 great horned owl. 8:30 deer tree of shredded bark. This tree is in area of Andropogon Cottontail, 2 marsh hawks in field to east. 8:40 2 morning doves, song sparrow and mockingbird. 8:50 fox squirrel. 8:55 8 marsh hawks in field ^{directly below} just W of hedgerow directly W of the Wakarusa School. 2 crows resting in same field. Red-bellied woodpecker, 4 bluejays. Wind noticeable in open exposures but windless among trees. Most of the marsh hawks are hunting low but 2 are circling 300 feet above field. 9:00 fence row that runs straight S to Wakarusa school. 9:10 Cottontail 9:12 Lightning Point (red limestone from burning stumps). No hawks in broad open valley below. No evidence of coyotes. The area reminds one of the treeline area to W of Topeka. (7 lub hills). 2 redtails to NW. Left point at 9:25. Just beyond point on W exposure noted in one group. Approx 18 Harris sparrows, 150 slate colored juncos, 80 tree sparrows, 2 downy woodpeckers, 3 black-capped chickadees, 4 white-throated