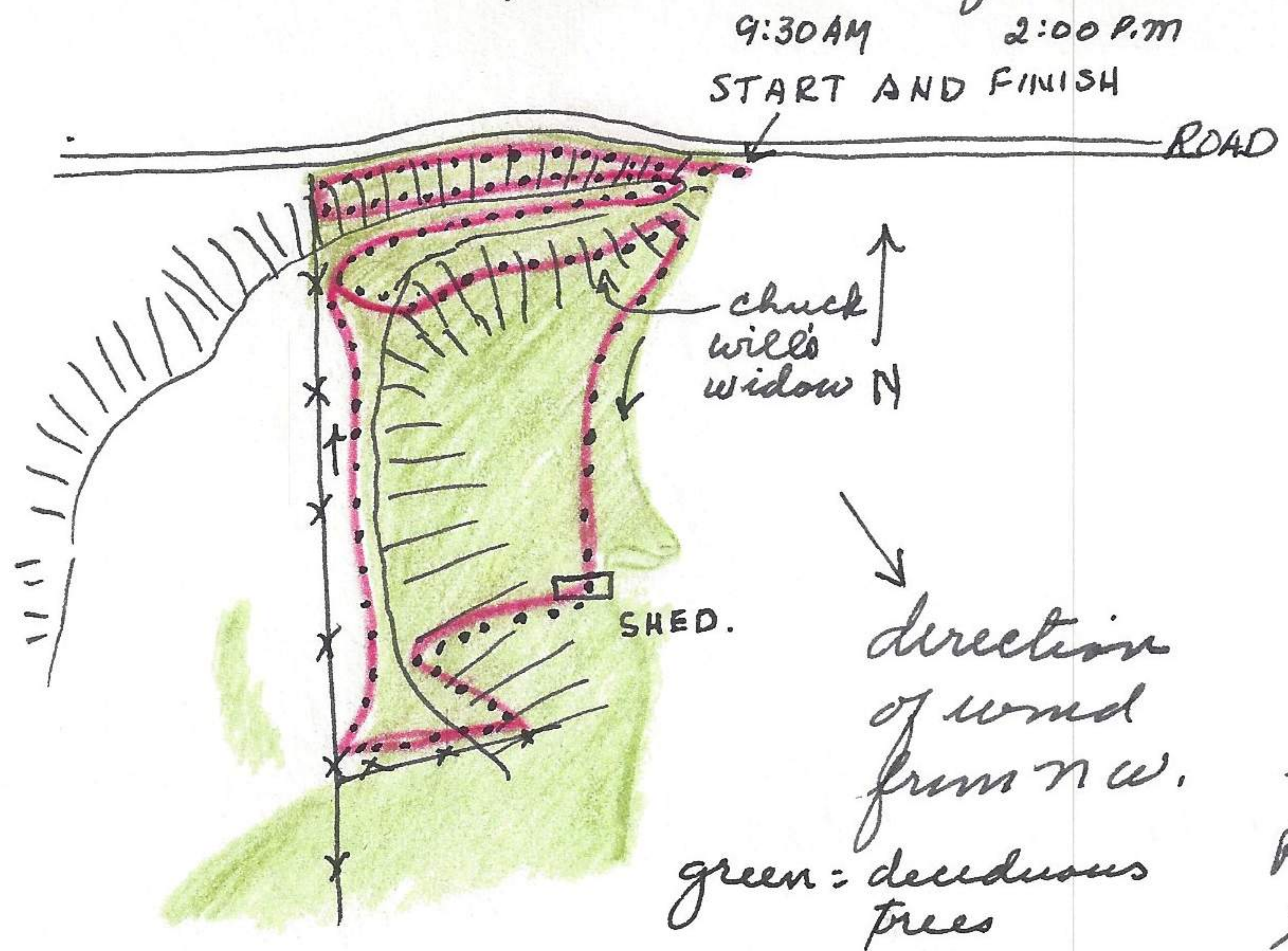


formation and uniformly distributed throughout the area. Reminded me of the cloud formation of the arctic, no sun,



well but birds and mammals as observed and within specified limits. Left base of hill at east end at 9:30 A.M. From here to fence line to west at base of hill above road observed the following: 1 goldfinch, 2 bluejays, 6 mourning doves in one group (most doves are paired), house wren, Swainson thrush, redtail left from top.

of perching tree (experiment below). This bird flew ^{straight} N for 2/10 miles to center of Wakarusa valley, then returned by circling pattern, and calling when in area of hill. This bird can be identified by outer missing primaries of left wing. From fence returned to E at level 30' below top of ridge and observed: Cardinal, starling and nest, Peromyscus leucopus under log. From east end ridge at top to fence line to W observed: yellow warbler, 3 gnatcatchers, Acadian flycatcher, 1 turkey vulture, cowbird, Carolina wren, mourning dove (nest of few stems with bird on nest but no eggs. ♂ left at nest at 10'. nest 8' high. At fence line can hear ^{and see} to west in grassland; 2 meadowlarks, 2 field sparrows, 2 barn swallows, To north at base of field beyond road can hear 3 redwings and 4 dickcissels. Continued E at 1/2 way level and observed: 3 ♀♀ redstarts, 2 red-eyed vireos, Swainson thrush, 2 fox squirrels (when squirrels call for first time, the tail is the most conspicuous identification) Titmouse, brown thrasher, ♂ ♀ summer tanager, black-capped chickadee, pewee, great crested flycatcher, Swainson thrush, Chuck-wills-widow flew from among dry leaves and fallen logs to up over top of ridge and down N side, Baltimore oriole, cardinal, cottontail (among jumpers) mourning dove (nesting?). From east end can hear birds from field beyond: 3 redwings, 5 meadowlarks, mockingbird, now 5 along base of hill and just in from edge: 2 great crested flycatcher, titmouse, Acadian flycatcher, Swainson