

at favorable areas there are concentrations of squirrel tracks. Percentage are $\frac{4}{5}$ th squirrel tracks (predominately fox squirrel) and $\frac{1}{5}$ rabbit tracks. 11:40 4 redheaded woodpeckers 1 redbellied woodpecker, downy, hairy, 2 blue jays. 11:48 3 cardinals. Coyote tracks crossed from right to left. 11:50 Coyote tracks from W to E. 2 titmice. Orange orange recently consumed. 11:55 3 redheads, 2 redbellied woodpeckers, 2 redtails circling and calling near a nesting site (160' W of old fence entering old field, now growing back into forest). 11:58 fence mentioned above. 2 sets raccoon tracks. 12:05 fox squirrel, 11 bobwhite, 2 redheads. 12:08 mouth of canyon and unusual concentration of fox squirrel tracks representing a breeding aggregate. The tracks covered an area of approx 1 acre and were every 4 or 5 feet, some in concentrated path formation. 7 fox squirrels were noted in this area and these were chasing each other. Left this area at 12:18 and continued W to creek at point where it enters the Wakarusa. Good examples of meanders at mouths of these small lateral creeks. Water open. Left creek at 12:30. Carolina wren calling, 2 redheads. Along Wakarusa there are large ^{sheets} blocks of ice 4"-6" thick about 5 feet above the present level of the river. Raccoon tracks crossed at point where creek enters the Wakarusa. 12:38 second drainage, 3 blue ^{jays} ~~birds~~. The drainage has a double drainage that enters near here and complicates the drainage pattern of meanders. 3 redheads, 4 chickadees, golden crown kinglet. 12:47 main trail at point. 2 blue jays. 100' beyond point in trail is an open spring. 12:50 redtail, hairy, 2 crows. 12:55 Synaptomenus bog. no evidence of bog being used but snow may conceal trails. There is considerable cutting of large trees from this area, and upper branches left after main trunk is harvested. Water of bog comes from sidehill above bog. 3 blue jays, 32 squirrel tracks and 1 cottontail tracks between 12:47 and 12:55. There is evidently a high squirrel & low rabbit population this winter. 1:02 3 black-capped chickadees, 1 redbellied and tracks of 11 quail (bob-white) following line of downed timber. 1:07 road up slope to right but continuing along trail. 8 chickadees, 3 blue ^{jays} ~~birds~~, 4 slate-colored juncos, 1 downy. 1:10 end forest to right. 3 redheaded woodpeckers, 1 goldfinch, 3 chickadees. 1:12 blue jay, 2 downy. 1:18 good redtail nest. 1:23 while watching a group of 42 tree sparrows and 3 black-capped