

at 5:45 shadow of trees on w side west limb of river now on falls. 680502-41  
at 6:10 maple seeds over falls about  $\frac{1}{3}$  number <sup>yearly</sup> record. at  
6:17 a fox squirrel descended w. bank of w limb of hawpaw canal  
(directly w of piracy stream) and by standing on small branch at  
edge of water was able to drink without standing in mud. It  
drank for 4 seconds & then left. at 6:35 another fox squirrel  
crossed side side of piracy stream from E to W. It moved slowly,  
with body held high. It finally crossed west branch of  
abandoned stream (on log jam) and disappeared in forest. It would  
have been necessary for this squirrel to have original come from  
the west bank of the abandoned (west) channel. The only birds  
moving across immediate area were 1 sawbird that alighted  
in top of tree above channel, called twice & then continued west;  
1 group 3 jay that passed N on west bank of west channel;  
2 titmouse which passed N to S across falls proper and 2  
cardinals passing thru general area from W to E. There were  
no birds using the edges of the new piracy channel to move  
up and down the stream. Except for the fish, the turtle  
was the only vertebrate using new stream course. No beaver, nor  
muskrats, spotted sandpipers, g. b. heron used area. There was  
no tracks of raccoon or beaver in falls area. Left 7:00 P.M.  
and retraced route to car. 7:02 titmouse, cowbird, chickadee.  
7:04 redbellied woodpecker, 7:07 redbellied woodpecker. 7:13  
♂ & ♀ cardinal. 7:15 white breasted nuthatch ♂ ♀. Great crested  
flycatcher to N beyond river channel (my route on upper erosional level or  
that level below the valley level). 7:20 edge open field. In distance  
beyond census area can hear cardinal, titmouse, g. c. flycatcher.  
mourning dove. 7:25 bluejay. 7:27 car.

Left with car at mileage 40.6 at bridge & continued E. 40.7  
2 mourning doves. 40.9 2 meadowlarks. 41.1 2 crows, cardinal,  
bluejay and 2 lark sparrow. 41.3 redwing blackbird, savanna  
sparrow. 41.5 along river, redtail. 41.7 now to E. Clouds  
forming to west and sun will soon be exclude. There are  
associated with a cold front. 42.1 small cement bridge.  
savanna sp. 42.3 savanna sparrow and horned lark. 42.6  
horned lark, 43.0 bridge over wakarusa. 43.4 savanna sparrow.  
43.6 to E. 4 barn swallows. 2 mourning doves, meadowlark. 46.7  
2 redwings. 43.8 3 redwings. 44.0 meadowlarks, 2 ♂ redwings,  
44.1 redwing. 44.2 to N, 2 lark sparrows. 44.3 meadowlark,  
44.5 cardinal. 44.7 meadowlark (2). 45.0 Chipping sparrow,  
Harris sparrow. 45.1 main road and continuing north. 45.2  
8 grackles (this appears to be a late evening fledging area for these  
birds) 1 redwing, cowbird. 45.3 meadowlark, redwing.  
45.6 shrike. 45.7 2 cardinal, meadowlark. Cricket frogs