

11:27 bluebird, red-bellied woodpecker, 2 red-headed woodpeckers,
 8 juncos, ♂ + ♀ bluebird; 11:28 shagbark hickory grove with
 ground covered with nuts, soil dry, powdery, no grass;
 11:28 crossover, no water, redheaded woodpecker, red bellied
 woodpecker, 4 robins, chickadee, damp place on south-east
 side with flowing water at bottom of dam soil; 11:30 point
 now up drainage, rock fences just beyond point, red-
 headed woodpecker, crossed rock fence where rocks
 have recently been displaced and show yellowish
 color instead of gray of rock of fence that are in place,
 2 cardinals, 11:32 2 redheaded woodpeckers, 2 cardinals,
 11:23 brood bench, 95 percent covered with leaves, under-
 story sparse, more like parkland, mainly hickory trees and
 many nuts on ground; 11:34 convergence of 2 upper
 drainages, 2 large pools at convergence each approx
 40 feet in length, ^{8 feet wide} water and algae in both drainages,
 3 redheaded woodpeckers here, fox squirrel, 2 jays,
 2 chickadees, partial rock fence starting down onto
 first bench at point for about 20 feet, red-bellied
 woodpecker; 11:37 fox squirrel, ran from N to S side of
 gully; 11:38 N side weedy & bushy and difficult to
 navigate, 2 titmouse, considerable fox squirrel
 digging among leaves, 2nd tree squirrel; 11:35 large
~~maple~~ ^{elm} down in gulch, gulch broad and may take con-
 siderable water at times, orange has fallen onto
 elm, 2 cardinals, 2 red-heads; 11:40 crossing over just
 below road, 2 chickadees, can hear Eng sparrows;
 creek dry, some pools below & with moss on rocks, now
 dry, field sparrow calling, 6 goldfinches passed by, cowbird
 calling from top of tree, 8 Harris sparrows, 2 of which are
 singing, fox squirrel; 11:44 2 chickadees, 1 titmouse;
 S side of this drainage is covered with ~~undergrowth~~ ^{Ribes}
 whereas the N side is relatively free of understory
 except head of gulch; 11:46 8 black capped chickadees
 fussing in one area at edge of creek, checked but could
 not see source of disturbance, more pools of water in
 creek as one goes down canyon; 11:43 point, large ^{dead} ^{stumps}
 mammal digging 10 feet south of the two large ^{dead} ^{stumps}
¹⁵⁻³⁰ ¹⁰⁻¹⁵ feet high; hickory uprooted about 100 ft to S; 11:54 many
 trees blown over by tornado, mainly on ledge line ^{above}
 and below first bench, trees pointing mainly NW but
 some pointing more to north, good *Symphoricarpos* he-