

this benchland would be an interesting place to study
 neotoma populations, some trees tipped over on upper ledge
 by tornado, 2nd bench partly cleared, Titmouse calling,
 2 chickadees, chickadee calling; 12:27 white-tailed deer
 in bottom of drainage to right in partially cleared area; it
 worked up drainage out of sight, tail like a flag but at
 other times low in totally inconspicuous, difference between
 sunlight and area shaded by cloud is outstandingly
 different as far as ability to see deer, chickadee reacting,
 can hear 4 titmice calling in canyon below; 12:30
 tornado damage becoming evident, trees blown to W, one
 osage orange tree down and pointing to E; 12:31 cottontail,
 considerable down timber here and many osage orange
 uprooted, another cottontail 12:32 crossing drainage, wet
 some pools, crossing at rock fence, raccoon tracks in
 damp mud, most downed trees are NNW some are
 down to E, 2 bluejays, 2 titmice, red-bellied woodpecker,
 1 red-headed woodpecker and fewer in this drainage than
 in other drainages; 12:35 fence & grassland beyond, consider-
 able tornado damage, this is a point, one large tree pointing
 NE, no metal roofing present, area more open and parklike
 with grass, several pieces of roofing thruout valley; 12:42
 rock fence crosses drainage & cottontail; 12:43 at pond,
 crow, 3 bluejays, pond directly in path of tornado,
 dandelions around dam of pond, 2 chickadees, trees
 dominant & many have blown over rather than other
 kinds of trees which is surprising, running water in
 creek above pond, 3 juncos, 2 chickadees, 5 crows calling
 at head of drainage, most water in creek seen so far, osage
 orange consistently blown over, 2 chickadees, 2 red-bellied
 woodpeckers, 12:45 forks of drainage, more from right, crossing
 over and going down drainage; 12:46 2 tree sparrows at
 edge of water along creek, they flew into side of brush pile
 where they remained on upper branches until approached. This
 is unusual because the tree sparrow has left weeks ago. Cottontail
 left brush pile, song sparrow associated; tornado severe
 with great numbers of osage orange down; 12:52 minor drainage
 W of pond, some metal roof material, tree vary in direction in
 which they fall; 12:55 chickadee, 2 cardinals; back to fence
 but on W side at 12:55; a short ditch approx 200 feet beyond main
 erosion caused channel 10' deep exposing cliffs in middle of valley;