



2 turtles just beyond (6 inch across sarapace). 2:10 great horned owl, 2 wood ducks on bank ^{2 feet above water} and left without touching water. 2:15 2 wooducks. Turkey vulture in sky above, 1 small frog (*Acris*) on bank, one 20 feet from water. 2:25 4 wood ducks. Arrived bridge 2:35. Small birds noted since the herony are: 8 black capped chickadees, 1 ruby-crowned Kinglet, 8 cardinals, 4 downy woodpeckers, 1 hairy woodpecker, 2 yellowshafted woodpeckers, 4 red-bellied woodpeckers, 2 crows, 3 eastern bluebirds, 3 Louisiana water thrushes. (one pair and 1 single). The pair were loud and aggressive in behavior which is unusual for this species, at least ^{when encountered} later in summer. 3 turtles, 2 robins, 7 tufted titmouse, 1 red-tail hawk, 9 fox squirrels, 1 great blue heron, ^{2 mourning doves.} The drainage creeks that enter the Wakarusa are covered with mud at their mouths and are smooth and concave . Later these side creeks with erode

the mud and they will look like this. . Beaver tracks and limbs eaten by beaver along bank but not common. Muskrat tracks, a few raccoon tracks also.

Left canoe at bridge and walked back to Richland as indicated on map. Kept complete census: Left 2:45 12 bobwhites in one flock, 2:50 1 brown headed Cowbird, 2 tufted titmouse. 303 Elk Creek bridge. Phoebe left from under bridge. Song sparrow, 1 Harris sparrow, 1 cardinal here. 308 2 blue jays, 1 juncos, Eng Sparrow, 3 turkey vultures fly about 2/10 mi to W. 3:10 top dugway. 311 2 eastern bluebirds, 1 meadowlark. 3:25 mason made brush pile with 2 cottontails, 18 Harris sparrows, 1 downy woodpecker, 1 blue jay, 1 red-bellied woodpecker. 3:28 top second hill. 3:37 Hairy woodpecker, 2 eastern bluebirds, meadowlark singing beyond road. 3:40 to north down hill. 3:43 2 fox squirrels, one row 300 feet on ground, 8 black capped chickadees, 1 hairy woodpecker, juncos, 2 tufted titmouse and several other small birds beyond road. 3:46 crossing creek, clear. a 10 inch Thomomys in road. 350 1 cardinal, 2 chickadees, 1 large trail in dust of road (Pilot black snake or Pituophis?) 3:55 picked up by car and transported to our car at bridge N of Richland. arriving at 4:00 P.M. Length of canoe trip on Wakarusa 5 ³/₁₀ miles. (3 hrs and 45 min). From bridge to