

Kaw River, Douglas Co., Kansas

April 30, 1968

Measured circumference of several cottonwood trees approx 2/10 mi. NE of Lawrence City waterworks. These trees are part of riparian forests along the edge of the river. They measured 15', 9'10", 14'8", 18'6", the latter a double tree with solid base. All measurements chest high. A tree on north side of river about 300' E of N end of bridge over Kaw, measured 11'6".

Lawrence, Douglas Co., Kansas

May 1, 1968

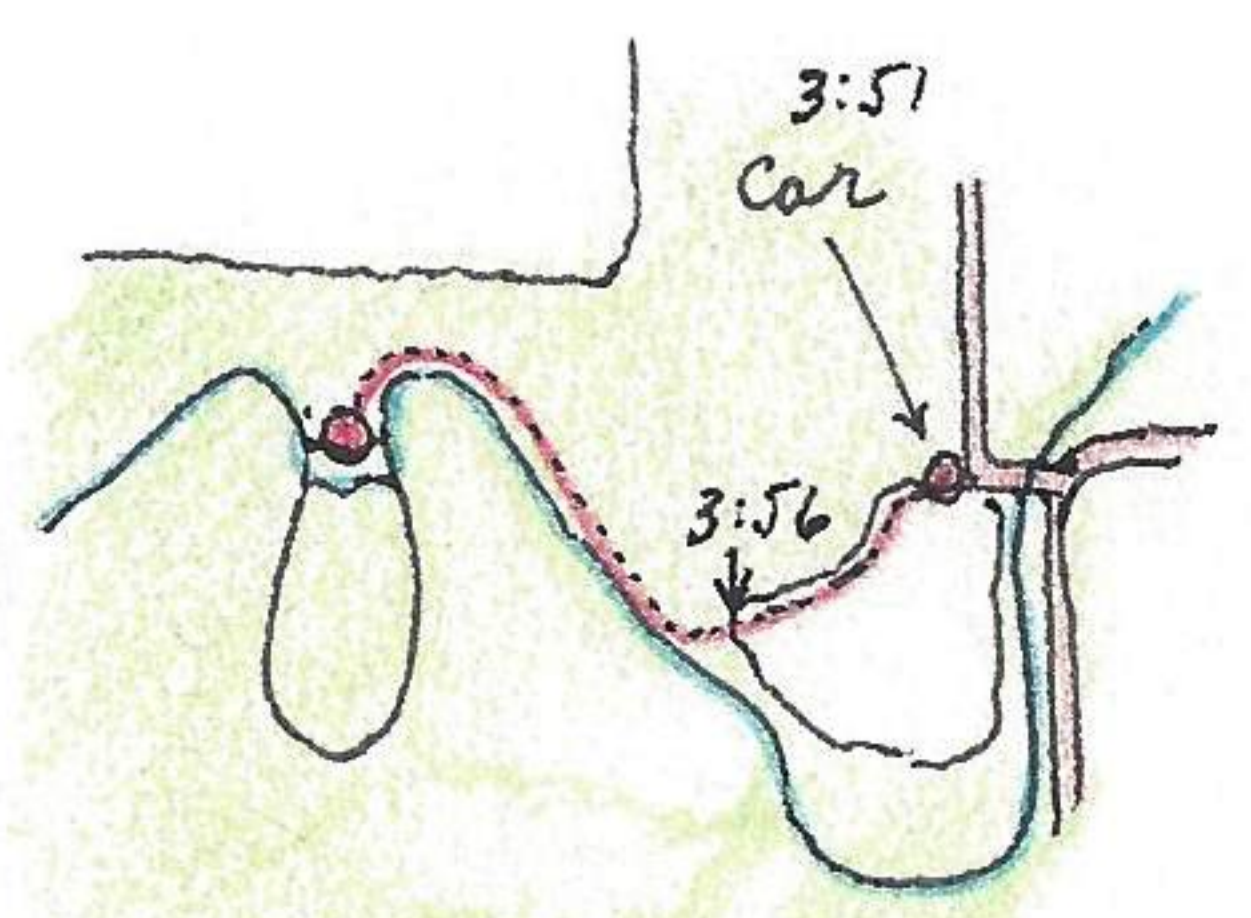
Photographed 2 fish collected by Gerald Smith and Richard Kachw; photo 680501-1 N.G. from Beaver Dam Wash near mouth of Virgin River, Mohave Co., Arizona.

Photo 680501-2 N.G. from meadow Valley Wash, Lincoln Co., Nevada.

Wakarusa River, approx 4/10 mi up stream from mouth Elk Creek, Douglas Co., Kansas

May 2, 1968

Inspected stream peracy on Wakarusa River. made complete census to area, following precisely the route of April 28, 1968 (see route of that date) mileage 27.9 at Sigel School. Day hazy, no clouds, temp 90°F, strong wind from S. Cold front predicted this P.M (late). Time 3:22 P.M. 29.1 I in road. 29.8 N. end proposed dam. High wind keeping birds down. 31.0 Killdeer at ephemeral field pond at Peterson Road junction. 31.4 2 crows in field. 31.5 bridge over Wakarusa. 31.7 savanna sparrow. 32.9 by Patton Bridge. 33.0 Chipping sparrow. 32.2 to S thru forest. Cardinal. 33.6 Cardinal, 33.8 Cardinal and titmouse, 2 blue jays. 34.0 main valley road. 34.8 Belvoir bridge. 35.2 2 grackles. 35.5 redwing. 36.1 8 redwings in dispersed grouping, 1 meadowlark. 37.3 have left main road & now at 4 corners and to W. The trees on the sidehill are about same as riparian forests along river except with more yellow. 38.0 drainage from lake to right. 2 redtails, killdeer. 38.3 bluejay, turkey vulture. 38.5 out of river valley and top of hill. 39.5 4 corners on hill and to S, turkey vulture. 39.7 bluebird (all bluebirds are eastern). 39.9 Crow. 40.5 bluebird and chipping sparrow. 40.6 bridge and parked car on west side. will make approach to stream peracy by N side of river. Left car 3:51, cardinal



3:56 into trees, 2 cardinal, Eng sparrows calling. 3:58 elm on upper first erosional level 116 inches in circumference. 4:00 cardinal, blue-gray gnatcatcher. 3 bluejays. 4:04 2 mourning doves. Terraces:

