

119-23
 a natrit, approx 18" in length submerged in water at rapids at pool at cliffs. The bull frogs were in various situations from submerged with eyes protruding above water to positions 3-4 feet from water on the bank. Some were in holes dug by crayfish, muskrat or other kinds of animals, some, and especially large ones, under protection of willows or vegetation or at base of roots. When approached some would remain undisturbed, others would cross river (30-40ft) ^{hopping} on the surface to gain other bank. Most of them called as they left the bank or edge of the water.

Wakarusa River, Lawrence, Douglas Co., Kansas.

July 22, 1966

made canoe trip, with member of summer school class, from bridge in NW corner of sec 16, T13S, R19E to Haslell Avenue bridge in NE sec 19, T13S, R20E, a distance of approx. 8 1/2 miles. Started 7:45 A.M. and arrived highway 59 bridge at 11:30 and Haslell bridge 3:30 P.M. or 6 hrs & 45 mins. Day started with rain from 6:50 A.M. to 7:55 and then again from 2:00 to 2:30 P.M. Day overcast and temp at 68° F at 7:00 A.M. and 80 at 3:00 P.M. Birds noted enroute (all records selective):

♀ wood duck at 8:05 A.M. Flew down river.

spotted sandpiper - singles, pairs and 2 groups of 3. nearly all along river

great horned owl - 3

red-tailed hawk - 1

little green heron - 1

common grackle - 8 in one group

^{white} red-breasted nuthatch - 2

red-bellied woodpecker - approx 15

downy 3

lark 1

yellowthroat 3

red-eyed vireo - several

titmice 4

blue jays - 2 groups

cuckoos - 6

phoebe 4

peewee - approx 18

cardinal - fewest ever noted on river. &

approx 30

summer tanager 4

indigo bunting 12

robin - 3

g. b. heron feathers

chickadee 4

muskrat - 1

beaver activity only

sickensel 1

In some area as bull frog census of yesterday counted only 38 (between bridge & drainage) as compared to 613 of yesterday. The only difference today, in addition to fewer