

- Recorded the following photographs (35 mm color)
- 680414-1 S end of Karpin river course at opis, no abandoned. Center of side
 - 680414-2 Log jam (about middle) shooting north to stream piracy (new cut bank) ^{stream in center of channel + not to concave}
 - 680414-3 Mary at stream piracy, to E. Original stream to right, now dry. Falls beyond. ^{Mary in distance at beginning of log jam}
 - 680414-4 Mary at falls of stream piracy.
 - 680414-5 Stream piracy at falls, from S side
 - 680414-6 East leg of Karpin bed, now abandoned. Mud knee deep in center
 - 680414-7 Stream piracy from E side.
 - 680414-8 " " " " "
 - 680414-9 Mary at stream piracy; falls in background.

Left 3:45. On flood plain SW piracy channel measured elm tree with circumference of 25 feet. Tree hollow. 10 goldfinch here. 4:00 drainage S end. Titmouse, redtail, 2 chickadees. 4:05 Rocky Point. 4:10 Elk Creek. Titmouse, robin. Car 4:16. Returned Lawrence via valley road. Mileage at bridge 49.8. 49.9 meadowlark. 50.3 to N. 50.7 at Wakarusa. 50.8 bobwhite. 50.9 to E. 51.1 horned lark, 51.5 mourning dove, 2 crows. 51.8 horn lark in road. 52.0 horned lark, 52.1 bridge over Wakarusa, titmouse, mourning dove. 52.2 sparrow? . 52.7 to E. meadowlark. 52.9 2 redwings, 1 meadowlark. 53.2 4 crows. 53.4 to N. 53.6 sparrow sp? . 54.0 meadowlark. 54.2 sparrow?, cardinal. 54.3 main road but continue N. 54.7 shrike, meadowlark. 54.8 meadowlark. 55.2 Dry Creek. 56.0 to E. 56.6 4 starling. 57.1 Deer Creek. 57.6 meadowlark, cardinal. 57.8 8 grackles at farm house. 58.0 2 meadowlarks, 1 shrike, 1 mourning dove. 58.2 Coon Creek, cardinal robin. 58.3 meadowlark. 58.4 meadowlark. 58.6 Clifford Coffman's farm, meadowlark. 58.9 flicker, chipping sparrow, meadowlark. 59.1 2 eastern phoebe. 59.3 Boy Scout ^{Comp} drainage. 59.7 old house. 59.9 to S (past Peterson farm). 60.2 3 meadowlarks. 60.4 meadowlark, crow. 60.7 Rattlesnake Point. 61.4 to E. 62.9 2 crow. 62.0 stomped 200' of rocks in field but no snakes, some Peromyscus nests. 62.6 Cardinal. 62.7 N end proposed dam. 62.8 2 Cardinals. 63.4 "Y" in road. 64.0 cardinal. 64.1 to E, 5 goldfinch. 64.6 Sigel School at 5:05 P.M and end of Census.

Lawrence, Douglas Co., Kansas

April 15, 1968

Noted chimney swift in Lawrence. This is the first one observed this season. Only 3 birds observed. Chipping sparrows have been singing the last 3 days on campus.

April 19, 1968

At noon in rain noted a robin to carry material to nest in red pine just N of Hall Laboratory of mammalian Genetics.