

Lawrence, Douglas Co., Kansas

Feb. 3, 1963

Sam James Rabot & I made survey of Clinton Reservoir site. From middle 21 to at this time an unknown point to west along south slope of Wakarusa valley.

Left 23rd & highway 10 at 11:43 A.M. at 3782.5 temp about 23°F

85.5 15 meadowlark. 88.4 Red tail, 1 black N. 88.8 shrike & 15 tree sparrows.

N end dam 88.5 - 12:00 AM.

90.3 bridge - Creek frog, valid 90.7 3 prours 100 ft N in field

91.8 3 yellow shuffed flickers. 1 cardinal.

91.6 - 92.6 main road 12:09

middle 16 - 93.1 - 12:10 P.M (to S)

middle 21 at base of hill. 94.1 - 12:16. 2 red tails resting in trees here.

Left 12:25 from car at ^{exactly} middle section 21. (Range 18 east, township 13 south)

12:30 first permanent pond 12:34 2 rabbits

12:38 8 tree sp and 2 Cardinals, other sparrows

12:42 2 rabbits, 2 Cardinal

12:46 2 cardinal 4 passerines. 12:42 3 junco slate colored. 12:50 collared, 1 blue jay

12:45 2 chickadees 12:57 marsh hawk on top hill to south flying, 1 cottontail

1:06 - 3 chickadees, kinglets, creepers 1:16 racoon crossed creek & followed bank (upper)

to west. 2 cardinal, 8 juncos, 1 downy woodpecker -

1:28 open field with few runways. 138 point. field to S with few runway, hawk? flew by

139 opussum. 142 across meadow meanders on W side gulch (now to W).

146 8 tree sp. 1 hairy, 1 cardinal in group. 1 nuthatch (wh breasted) 1 downy and others

150 next gulch, dead coon ~~820~~ 820 m t.l. 2 sets meanders

156 other side meadow meander (to west) 5 juncos

2:00 B.H. Owl, 8 juncos, 2 chickadee, 3 titmouse. 2:01 Spring in trail - no vegetation

2:12 bog lemming habitat Fox tracks 2:12 other marsh area, some along entire area

2:13 2 Chickadee, 4 passerines. 2:16 rd up hill, red bellied woodpecker

2:21 last coverage of field with 20 runway from (2:13 to 2:21)

2:24 group 60 more bud, tree sparrow, 2 cardinals, titmouse, chickadee etc. Mouth of canyon good grass & mice but not wet. beyond to west grazed

2:30 slightly marshy but trampled by cattle. slough grass. mice activity flicker & several passerines. Some wet areas to west but trampled

2:37 marsh hawk 200 feet to N. 2:39 titmouse & downy

2:40 spring pond & cattails. some actually, extensive weed patch N & W.

2:40 20 quail at cattle pens and 18 mourning doves which kept in close flock

2:48 shrike 2:52. from mouth canyon counted 12 runways.

2:55 9 runways since 2:52

Left point 995 elevation 3:00 P.M to runrock up canyon

3:02 marsh hawk fly down canyon to east.

3:05 runrock. 5 meadow trails

3:08 - point (no runway)

3:10 - head runrock (no runway) good

3:15 along top runrock. (2 runway, one colony at point)

3:20 2 runways since last. 1 red tail over headwaters then to east.

3:28 24 runways (m. ochrogaster since 3:20) 2 tree sparrow 100 feet top. no other birds. Windy & cold but sun full.

3:33 9 runways (m.o) since last 3:28)

3:35 no buds in lee of pond (down canyon) where yesterday there were over a hundred including tree sparrows, chickadee & downy woodpecker; very little wind here but high on ridge. From here will not make census of runways but drainage much better than previous beyond flat ridge. by 70 percent.

3:44 red tail to S fly down canyon, 2 crow

3:48 to up to now all excellent Andropogon slopes beyond no andro. (now at rock fence corner.

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