

made census of birds and mammals of marsh and forest on east side of ridge S of dam, starting at the raised home of Banner (first place to right of road leading S to Lone Star Lake from Clinton road). Enroute from Lawrence to Banner's home observed the following kinds of birds: robin, Eng sparrow, grackles, meadowlark, purple martin, chimney swift, cardinal, starling, barn swallow, blue jay, sparrow hawk, redwing blackbird.

At Banner home, now of 8 large trees and 5 dead poplars, at 9:25 A.M. noted: 3 barn swallows, 1 warbling vireo, 16 grackles (nest with young and some with eggs), 2 Baltimore Orioles, 4 Eng. sparrows, 2 robins, 2 pairs of mourning doves and eggs, dickcussel.

In marsh area which by the way should be made into a permanent marsh by interrupting the drainage at Banner's corners and supplying with water from the lake. Corp of Engineers lakes lack marsh areas for nesting birds. In this marsh area (to 6/10 mi to S) noted the following nesting redwings.

nest of 3 eggs	2 feet high	in locust bush
" " 4 "	2 "	" " " elm bush
" " 4 "	2 "	" " " locust bush
" " 4 "	2 1/2 "	" " " " "
" " 3 "	3 "	" " " " "
" " 4 "	2 "	" " " " "
" " 3 "	1 "	" " " " "

Young trees are invading area and largest 6' high, most redwing in lower or northern part of marsh. Other birds here were barn swallows, ^{little green heron} grackles, deer tracks, ^{goldfinch, eastern kingbird,} and bed. At peripheral areas or slopes were meadowlarks, dickcussels, cowbirds, bobwhite.

Brown thrasher nest of 4 eggs in short hedgerow adjoining marsh. In a fence line of trees at S end of marsh, noted 2 titmice, redhead, indigo bunting and yellow throated warbler.

At 6/10 mi S in field of young trees and stable grass, noted a brown thrasher nest of 5 eggs placed 32 inches high in an osage orange bush. Three field sparrow in this area. At 12:10 gained top of ridge where old road goes top from E side of ridge. It is evident that census of neotoma nests should be made in winter when forest floor shrubs have lost their leaves and visibility is proper for locating nests. A family of young bluebirds in lower branches of a small tree and inconsiderable by lack of movement. It was only when young were forced to fall that the parents approached young and then almost instantaneously.