

4 $\frac{8}{10}$ mi. W and $\frac{1}{2}$ mi. S Clinton (center of town), Douglas Co., Kansas.

Feb 23, 1964

Set traps 1 to 64 in swale of native andropogon surrounded by cut fields of some kind of grass. Field contoured. Traps 65 to 100 at 4 $\frac{7}{20}$ mi. W and $\frac{1}{10}$ mi. S Clinton (center of town), Douglas Co., Kansas. in marsh area (see notes of Feb 23, 1963 of same area.) all traps set in pairs.

Feb. 24, 1964

Examined traps set last night in the two above localities. Enroute to trapping areas made the following observations starting at ~~the~~ ^S end of dam of proposed Clinton Dam. Temp 24°^{8:30 A.M.} and clear skies. 65.4 starting point, 1 red tail, 1 crow; 65.9 1 meadowlark, 66.7 Rock Creek bridge; 67.2 horned lark; 67.8 crow; 69.3 Clinton, 2 cardinals; 70.6 cardinal; 71.8 bridge over Wakarusa, new ice 80%, 3 cardinals, 6 Harris Sparrows, 18 juncos; 72.6 to S; 73.5 to W; 74.1 to S, 1 flicker; 74.2 horned lark; 74.3 2 horn larks; 74.5 to W; 74.7 bridge over Wakarusa, 90% new ice, 1 crow; 75.2 horned lark; 75.9 Angling to SW; 76.2 approx 50 juncos, 3 Harris sparrows; 76.5 90° bend at burnt marsh, picked up traps 65-100. It is amazing that both *Synaptornis* & *Microtus ochrogaster* were inhabiting this area when last year on Feb 23, this ~~too~~ marsh had been burned to the roots and all mammals destroyed (see notes of that date) From general distribution would say that all marsh was re-inhabited. Continued west to bridge at 77.1 and thence N to 28.0 at the trapping area (second one). Collected mammals here. The *Synaptornis* (trap 31) was in dense andropogon and other grass on end of contour level. Trails were continuous beneath grasses and several tubers at base of stocks were eaten. Continued N to 78.2 crossroads, thence E. 79.3 6 juncos; 79.4 2 cardinals; 79.7 Mouth Lake canyon; 79.9 6 juncos; 80.4 crossroad, to E; 80.6 18 meadowlarks; 81.0 6 crows, now to N; 81.9 crossing main road & continuing to N; 82.8 meadowlark; 83.6 now to E; 84.6 bridge over creek, 100 new ice; 84.7 horned lark; 85.0 2 meadowlarks; 85.7 bridge over creek; 86.5 2 cardinals, 20 juncos; 87.4 Spast Petersons; 88.2 top battlement point; 88.7 2 horned larks; 90.0 N end of proposed Clinton Dam. Returned to Lawrence. The number of mammals captured was probably do to the added daytime period before sundown of last night (traps set at 4:00 P.M.) and the favorable conditions of the trapping areas.