

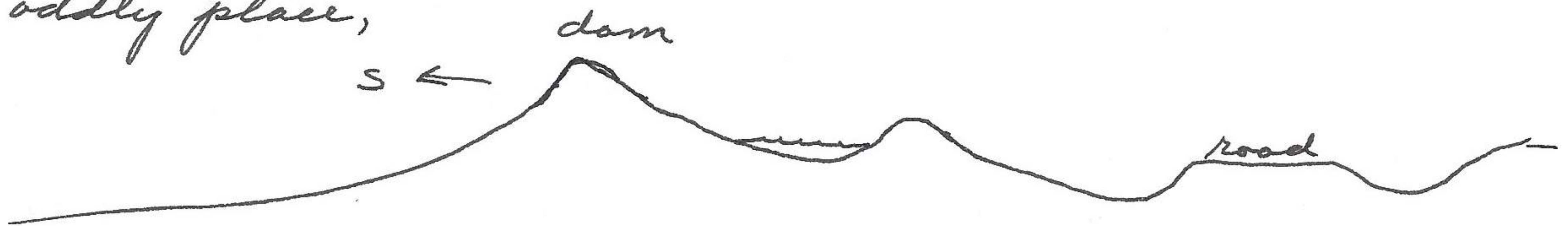
Paradise Point, Perry Reservoir, Jefferson Co., Kansas

March 30, 1974

Collected the following mammals from trap line set between 4 and 6 P.M. and inspected at 7:30 P.M.

	740330-1	<i>Synaptomys cooperi</i>	144-25-20-11-54gms ♀ 5x1 emb. 8mm.
	740330-2	" "	121-20-20-11-32gms ♂ testis 5mm.
	740330-3	" "	132-19-19-11-45gms ♀ 4x0 emb. 14mm
SK.ON.	740330-4	<i>Microtus ochrogaster</i>	164-36-19-12-59gms ♀ 0x4 emb. 18mm
SK.ON.	740330-5	" "	160-39-20-13-45gms ♂ testis 14mm
	740330-6	" "	159-37-22-13-47gms ♂ testis 12mm
SK.U	740330-7	" "	154-33-20-13-45gms ♂ testis 13mm
SK.U	740330-8	" "	154-40-20-12-43gms ♂ testis 14mm
	740330-9	" "	135-31-19-11-33gms ♂ testis 15mm
	740330-10	<i>Sigmodon hispidus</i>	224-89-29-17-81gms ♀ ut.-enlarged.

The above traps (50) were set at head of drainage below (to S) pond that is adjacent road. The area below the dam, which is odd place,



supports springs and damp areas. The drainage systems are shallow and broad and do not carry flood waters as is true farther down the drainage. There is standing water in spring areas. Grasses are matted and winter compacted to approx. 8 inches. Some green grass just pushing up thru old mat grass. Some isolated stocked grass and higher. Practically all runways secluded under mat grass except those along damp and water surfaces. This area is associated with a <sup>non</sup> habitation since removed and fields return to natural conditions. This area could be an area of refugia for *Synaptomys*. These traps were set between 4+5 P.M. and checked at 7:30 P.M.

The second set of 50 traps were placed along the contact of the flooded-non flood grasses at base of next drainage system to E. The line of traps were 20' apart on the non-flooded grasses between 1 and 5 feet from <sup>old</sup> high water mark. A parallel line (25 traps) 20' inland was set in some unflooded grasses. The <sup>old</sup> water line was marked by logs and foot thick debris of old grasses and wood fragments and was distinct. In a 1/2 mile search below old water line did not see evidence of recent habitation by microtines. These traps were not checked until the following morning.