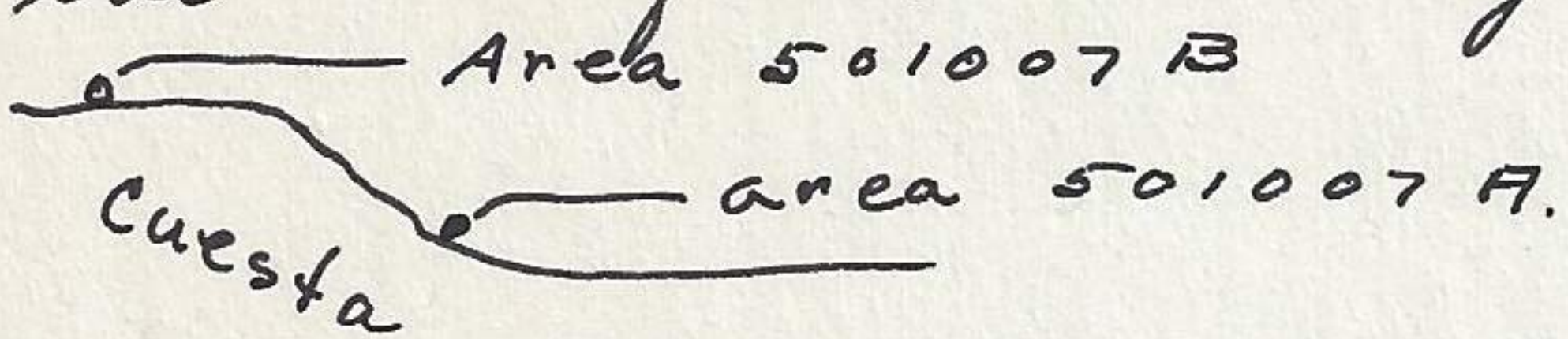


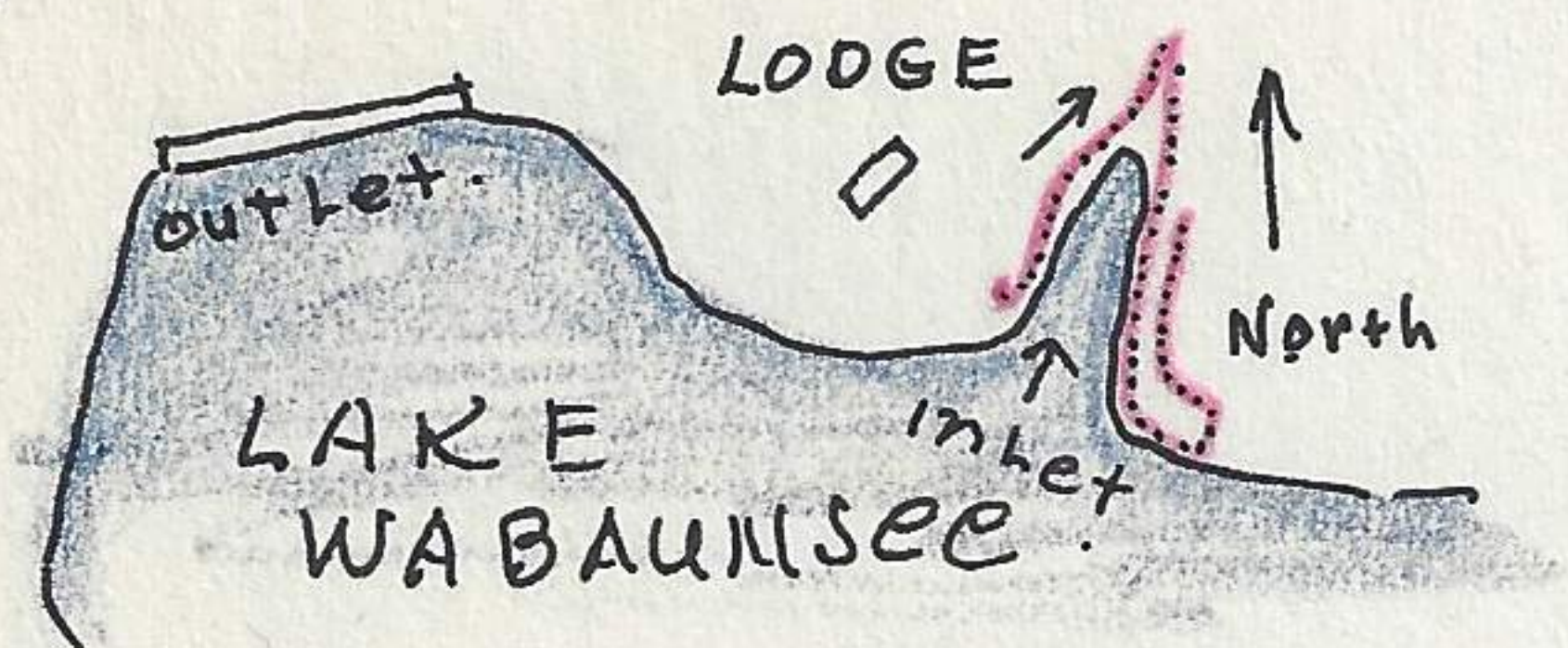
Research area 501007-A in what appeared to be a native field of *Andropogon* without grazing. 50 traps (museum specials) were placed along a fence row bordering the field, 20 of the 50 traps were placed out in the field proper. It was quite evident that *Blarina* and *Microtus* were using the same fence line with two different sets of runways. They no doubt shared, at least the *Blarina* with *Microtus*. Many old foraging runways were in evidence. Traps approx 15' apart.

Research area 501007-B just beyond contact of the usage + prairie savanna and the flint hill prairie. Likewise research area 501007-A was the last field used by *Microtus* before the beginning of the flint hills



This abrupt contact zone was being tested with two sets of traps and

not separated by more than approx 1 mile. The change in vegetation and ground condition are very noticeable with the deep soils of the savanna abruptly changing into the shallow soils and treeless prairie to the west. This contact carries south + north as far as the eye can see. The property owners report *M. ochrogaster* numerous at Eskridge field but nothing beyond on the upland prairies. Research area 501007-C at Lake Wabauensee at approx 1/3 mi. E of the outlet of the lake. Undisturbed area of *Andropogon* + other native grasses + plants.



Typical aquatic plants and grasses immediately adjoining lake. Traps (150) set approx 10 to 2 feet from edge of lake except about 40 on rock outcrops on east side of inlet. Traps 10' apart.

Lake Wabauensee, approx 1200 ft., Wabauensee Co., Kansas

Oct 8, 1950. (Continued)

made the fallow mammal collections from sets of last nite.

Collected the following mammals at 3/4 mi. N. Eskridge, Wabauensee Co., Kansas from research area 501007-A. 12 traps sprung but no mammals.

Specimen No.	Species	Measurements	Sex	Notes
501008-1	<i>Microtus ochrogaster</i>	153-36-19-13-53	♂	To Mus. Nat. Hist. Univ. of Kansas.
501008-2	"	152-36-20-13-48	♀	
501008-3	"	151-42-20-13-50	♂	
501008-4	"	154-36-20.5-13-58	♂	
501008-5	<i>Blarina brevicauda</i>	110-25-14-16	♀	"
501008-6	"	109-26-15-14	♂	
501008-7	"	108-24-13-14	♀	
501008-8	<i>Peromyscus maniculatus</i>	140-51-20-13-18	♂	"
501008-9	<i>Reithrodontomys</i>	130-60-18-12-10	♂	
501008-10	<i>Sigmodon hispidus</i>	225-115-31-16-95	♀	
501008-11	<i>Microtus ochrogaster</i>	110-24-18-10-16	♂	measurement only
501008-12	<i>Peromyscus maniculatus</i>	135-54-19-14-15	♂	
501008-13	"	132-53-19-14-16	♂	
501008-14	"	134-54-19-14-15	♂	
501008-15	<i>Mus musculus</i>	154-75-19-13-13	♂	"
501008-16	"	153-74-19-13-12	♂	
501008-17	"	150-72-19-13-12	♀	
501008-18	"	120-58-17-11-7	♂	
501008-19	<i>Blarina brevicauda</i>	108-23-14-13	♂	"