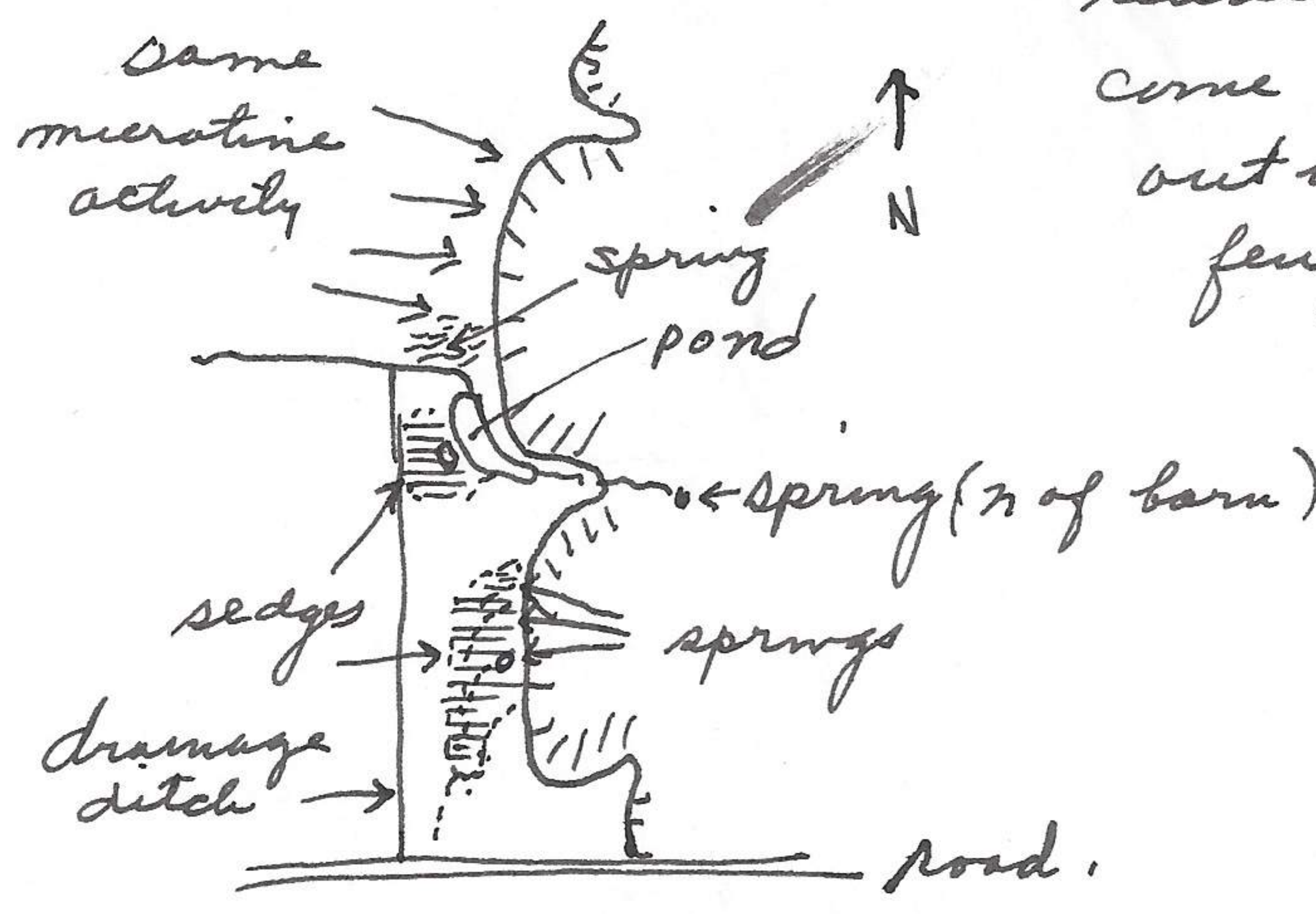


March 23, 1963

630323-71  
 12:20 Cottontail. 12:24 3 blue jay, 3 cardinal, 4 chickadees  
 M. ochro., Chickadee; 12:33 high cliffs 50' above creek. Time out for lunch  
 Left cliffs at 1:00. no bird activity while here, frog started calling along  
 river at about time I left. Could hear fox squirrel chatter from time to time  
 every 10 min & a red bellied woodpecker. Continues up river. Temp, 76°F  
 3 blue jay, 4 juncos, 1:10 redgrouse above creek S Still, 2 phoebe at  
 bridge, many small birds in weed field NE bridge, 2 cardinals & one  
 M. ochro. in weed field NE bridge, 3 cardinal, 3 juncos, 2 jays. 1:25 2  
 red-bellied w, 1 chickadee, 1 downy, 3 juncos, 1:30 owner said piping in creek  
 at this point. good field N & S of here, may contribute to spring in creek which  
 runs when creek is dry in summer. 1:45 Good microtus also in field N of  
 drainage ditch 1:47 2 jay, 2 red bellied, 6 juncos, 1 hairy, 2 cardinals, 2 chickadees  
 3 crows, 2:02 2 chickadees, 2:10 13' hilldeer. 2:14 Quarry. Photo 630323-1  
 and 630323. 2 of erosional surface of quarry gravels. Cattails  
 in permanent ponds in quarry. no grasses & sedges for microtus.  
 2:30 across quarry. 1 meadowlark, first today on trip 2:37 11 cardinals, 16 juncos  
 1 hairy, titmouse, chickadees, 2 red bellied (all the group) can hear song sparrow &  
 juncos singing. 5 Harris Sparrows. 2:40 red tail. 243 feet sq. 2:45 red tail  
 flew out of this east side canyon. 8 <sup>longspur</sup> ~~horned~~ larks in field 3:00 end Brome  
 slope. Talked to own Wolfen 3:315. Then S around farm. 2 cardinals, 4 Eng Sp.  
 3 juncos, 2 sparrows?, 3:28 2 chickadees, 3:30 6 juncos, slate colored, 2 cardinals  
 340 2 Harris Sp. 2 Cardinals, 3 juncos. 4 cardinals, 2 jays. 3 chick dees. 2 titmouse,  
 1 G.H. owl, 1 downy, 345 1 cottontail, song sp. 350 3 Cardinals, 5 Harriet Sp.  
 2 chickadee, 9 juncos. some M. ochro along dike - dry. Car 4:00. Then on to rd

thence E. (27.3) Coffman, gave permission to trap on his property  
 where there are several springs. The springs are located along the  
 east side of corn creek north of the southern boundary of sec. 3. (see  
 map). at 1100 ft W and 900 feet N of the SE corner of sec 3, T18 E, R135  
 Mr Coffman showed me a spring that has been running as long  
 as he can remember. It seldom freezes in winter. The spring is  
 boped in, open above now and runs into a concrete tank, thence into a  
 pond and then down the canyon to another impounding pond. There  
 is no vegetation because of trampling effect of cattle but if left  
 along would produce a good flow of water & build up adequate  
 vegetation for *Synaptormys*. noted 1 red-tail here. The spring  
 nearest road, one of which is boped in.



come from base of hill and flow  
 out into sedge marsh. There are a  
 few good runways in sedge marsh.  
 both in lower part of field and  
 below pond & one spring  
 beyond. The drainage ditch  
 has a continuous runway  
 will set traps here to test  
 for *Synaptormys cooperi*. at  
 a later date.