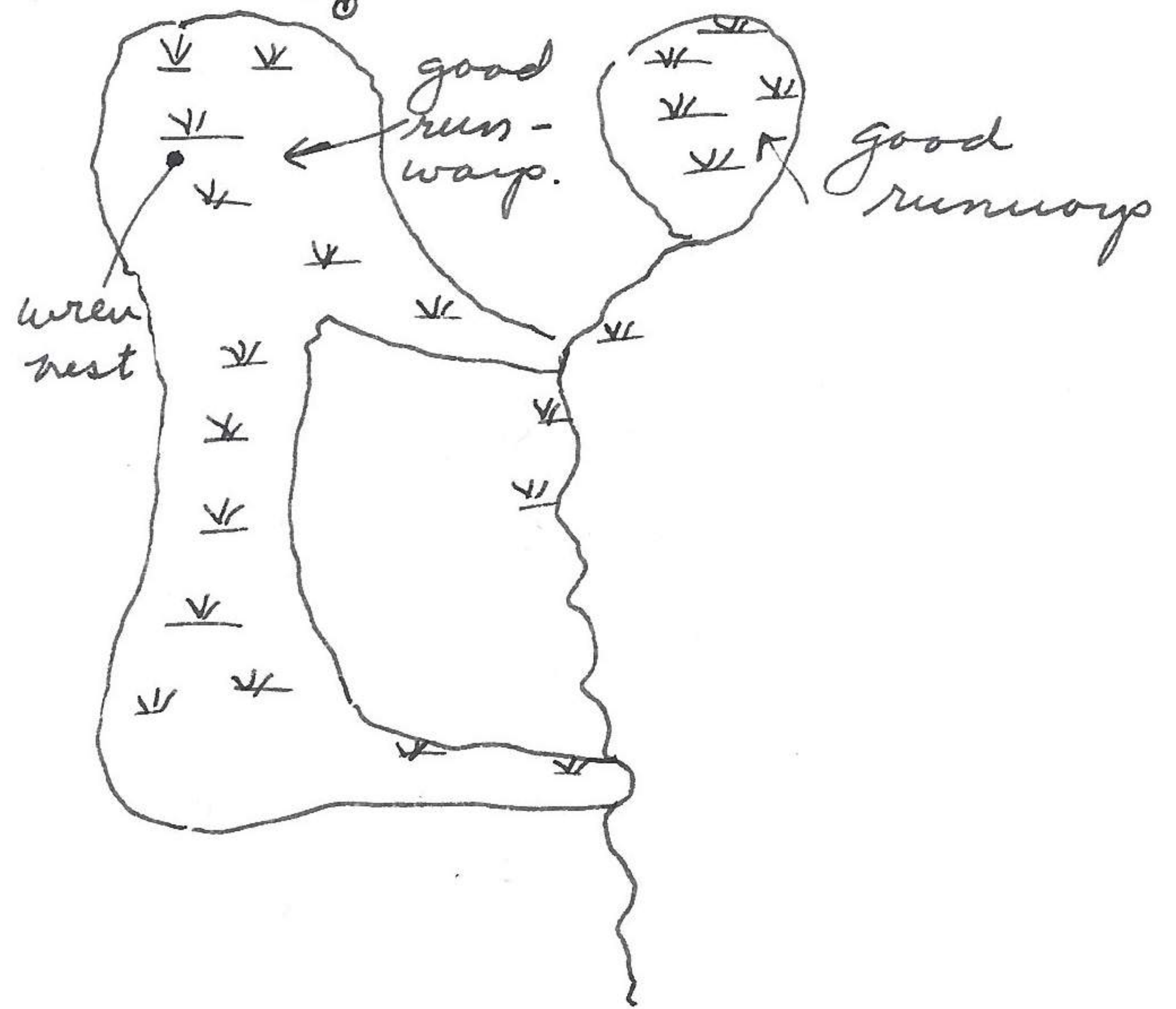


and nesting material brought to surface) by predators after the fire. One is immediately impressed with two things; one, the amount of predation of a microtine population when the natural overhead protection is eliminated (in this case by fire) and secondly by the lack of lateral movement out of the area of the fire to peripheral areas. There were no dead or burned animals in fire area except an old carapace of a turtle. Returned to car after checking burned area (10:30 A.M.), thence W. six horned larks associated with a flock of tree sparrows. Bridge over Wakarusa at 68.7 mileage, thence N to west middle border of sec. 24, thence E. Excellent native grasses on S side rd, especially near middle E border of sec. 24, thence to 71.2 to E at mouth of canyon with large reservoir to N. Examined marshes below dam. noted ----- rabbit (dam) -----

one nest of marsh wren, many trails of microtines (probably *M. ochrogaster*) but only a few in use. Area trampled by stock. One cottontail rabbit on slope of dam above marsh. It ran up slope and over dam. Reservoir frozen at south end ~~up~~ but open at N. end (1/2 lobe).

Returned to car and left 71.2. 71.5 good sedges on hillside.

Continued east on valley road and at 72.2 a redtail hawk flew south and followed the same route as redtail of yesterday that flew S across valley and alighted in tree near Wakarusa River. at 72.8 mileage noted 1 crow in field. at 73.2 1 crow. Arrived center of sec 17 at 73.3, thence to east. now starting to snow. at middle east border sec. 16 mileage 74.8, thence N to 75.7 where a redtail hawk left top of tree and flew N out over valley. Passed bridge (over Wakarusa) on way to E at 75.9. Shrike at 76.3. 76.5 passing road to S (Clinton). 77.2 bridge over Wakarusa near middle of sec. 14. Continued E on valley road. 77.7 2 crows feeding at pond area on N side road, also 4 horned larks. at 78.8 mileage at N end of proposed dam at 12:00. 2 redtails on way to home (1 at juniper knoll and 1 about 1 mile beyond along utility lines



marsh 1500 ft E and 2000 ft S of NW corner Sec 19, T. 18E, R. 13.S.