

The canyon floor, 150' wide, is completely vegetated with willow and *Arctogrostis* and very wet at this time of year. Mammals mainly at edges. Collected tree sparrow nest 520627-30 of 4 eggs at base of willow on ground. No leaves on willow. The catkins are present and the leaves are just visible. On trip to mt. Umiaat found 2 ptarmigan kills, both on canyon floor.

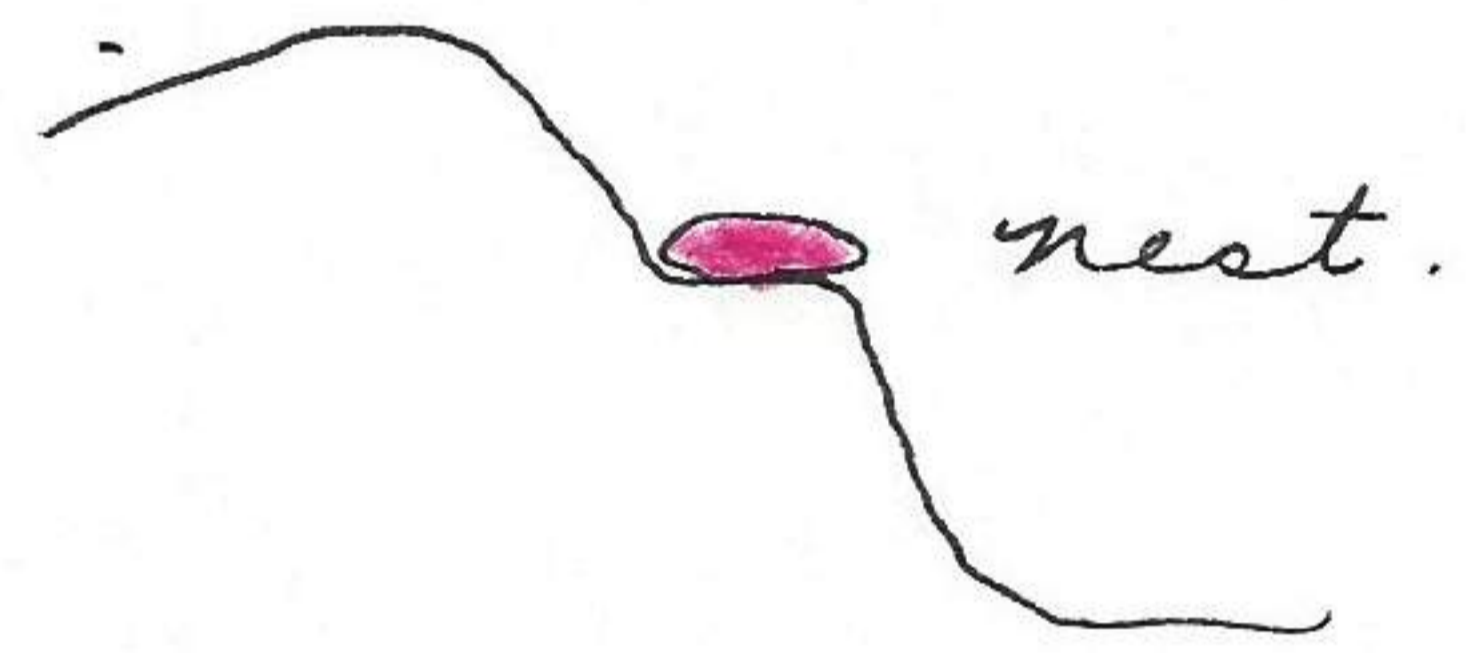
Umiaat, Alaska

June 28, 1952

Inspected trap line and collected 11 *Microtus economicus* and 1 Lemmus. Shot 8 *Spermophilus undulatus kenmorei* (other names may have been listed as *Citellus parryi*) from among rock outcrops beyond first ridge. Each rock had about 4 or 5 mainly subadults and small adults. Old ones control their own areas. Found redpoll nest of 2 eggs and 3 young. Heard sandhill cranes and saw 3 pairs of willow ptarmigan. Old duck hawk nest in rocks on second ridge used about 3 years ago.

Rock 13 feet high and nest 8 feet from ground and easily accessible to fox, wolf or any mammal that cared to inspect it. *Spermophilus* adults

more wary than young and remain below ground when we are in the area. Recorded the following information of some of the squirrels collected:



- 520628-1 ♀ 6 placental scars, pelt 126gms, skull 47gms, intestines 300gms (viscera below diaphragm), body 349gms or total wt of 822gms.
- 520628-3 ♀ pelt 128gms, body 386gms, guts 260gms, skull 40gms = 816gms
- 520628-5 pelt 138, skull 56gms, guts 196gms, body 345gms or 785gms total weight.
- 520628-4 pelt 114gms, skull 42gms, guts 175gms, body 330gms. or 661gms total.

William L. Wyatte, surveyor at Umiaat reports:

1. 3 wolverines at Wolf Creek at Camp June 11, 1952
2. Grizzly at Wolf Creek Camp June 8, 1952 about 700 lbs.
3. 3 or 4 groups of 12-15 Caribou at Wolf Creek Camp June 15, 1952
4. Single raven at Umiaat during winter and only bird present.
5. First of June, no water running in Colville River.
6. 17th June water in Colville free running.
7. Coldest temp at Umiaat 53°F
8. Raven active when all moisture in air freezes to ice crystals.