

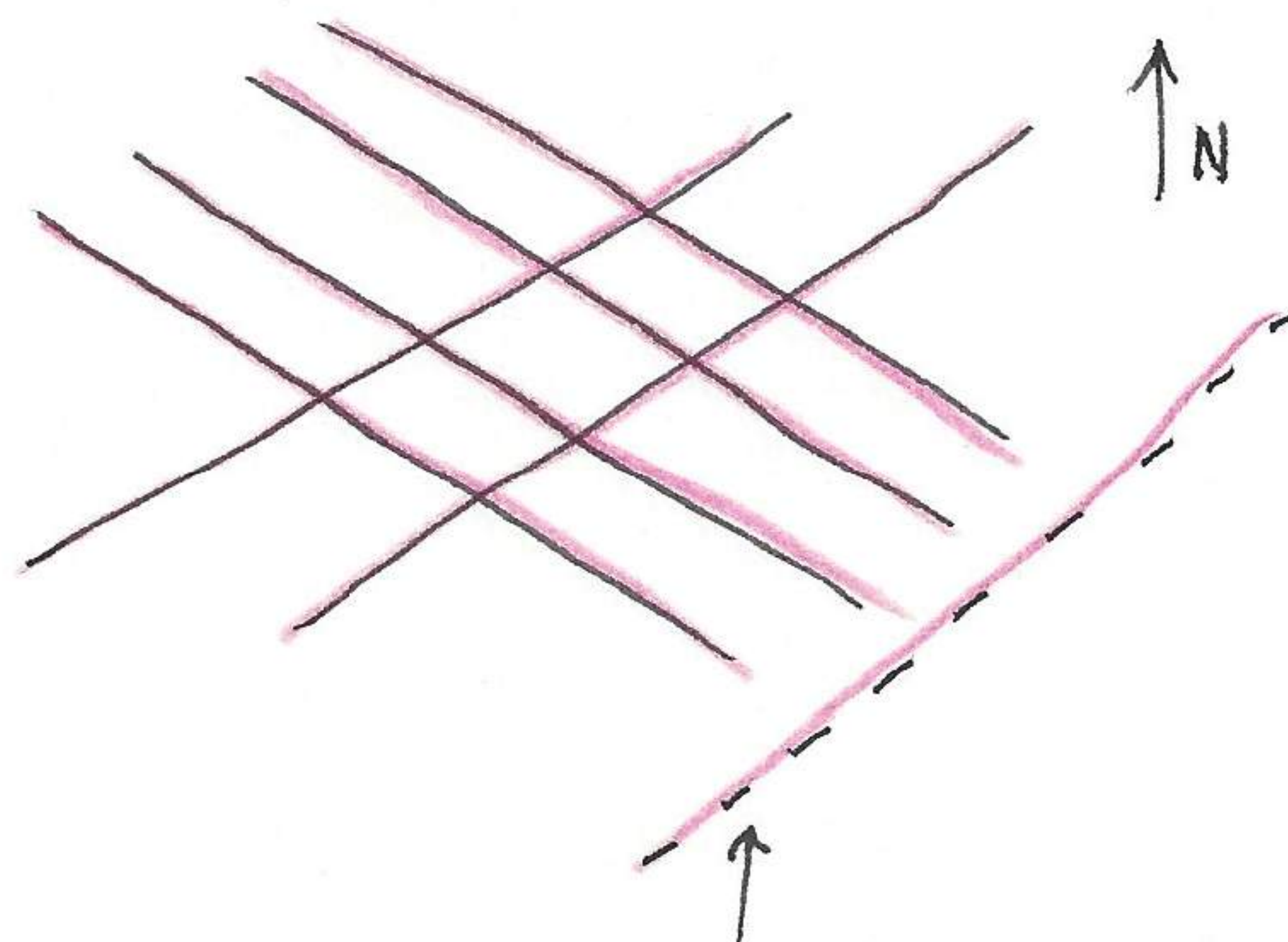
the contact between the lowlands and the hills found extensive trails of caribou trending NW to SE and definitely of large mass movement with individual trails every few feet. There was no evidence of such movements between here and Point Barrow. From this point on the trails were common and a few scattered caribou but mass movement of mammals generally confined to central area. The general trend of trails where there was no interference of lakes or barriers was:

The trend was predominantly NW-SE, however, the small groups of caribou seemed to be trending more directly to the south. Trails above mainly from 12:05 to 12:15 P.M. at 12:15 groups of 1-4-5. Between 12:18 and 12:30 P.M. counted groups of

3-1-1-2 - 1-1-4-1-3-2-1-1-1-2-4-1-3-2-1-1-1. Color coming into landscape with some willow changing to yellow and *Betula nana* red. Snow cornices on south side of ridges. Arrived Driftwood. *Citellus* at camp as pets. Saw 1 red fox and 3 caribou. Photographs 520827-1 and 520827-2 of barren ground grizzly killed 2 weeks ago by Driftwood party. One wolf also killed here - neither justifiable. In evening 1 pigeon hawk at camp. It alighted on top of antenna pole. Lew Shawan, the pilot and one who has flown this part of Alaska for a long time reports to me the following:

1. Caribou can be divided into large herds which seem to retain their identity from year to year.
2. Caribou do not move too far from their territorial areas and remain both summer and winter in same general area. The herds on the south side of the Brooks Range are different from those on the north side.
3. Herds in the east part of Alaskan slope (north of Brooks Range), go into Canada in winter.

This evening set 250 traps in area set for *Microtus mivrus*. One half along *Betula*-*Salix* bank, $\frac{1}{4}$ of traps along water course across willow valley and $\frac{1}{4}$ through stand of willows 4 feet in height. Traps 20' apart. Red fox tracks of groups of 4 or 5 travelling together. Raven and glaucous gulls in area. The tame *Citellus* came into camp and will eat and stand on your hand. Two



old trails sealed in with vegetation.