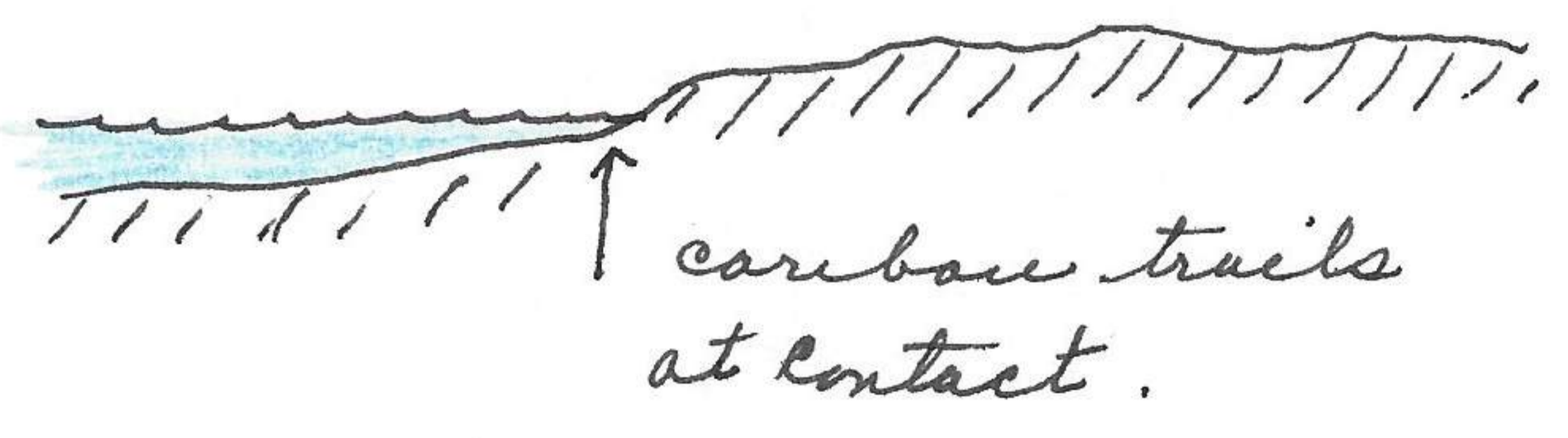


- 510820-26 *Carex Kelloggii* W. Booth
- 510820-28 *Carex lugens* Holm.
- 510820-30 *Calamagrostis neglecta* (Ehrh.) Gaertn. Meyer
and Schreb. inter. with *C. purpurascens* R. Br.
- 510820-31 *Poa arctica* R. Br.
- 510820-32 *Arctagrostis latifolia* (R. Br.) Griseb.
- 510820-33 *Trisetum spicatum* (L.) Richt.
- 510820-34 *Carex aquatilis* Wahl.
- 510820-35 *Carex aquatilis* Wahl.
- 510820-36 *Carex lugens* Holm.
- 510820-37 *Carex podocarpa* R. Br.
- 510820-38 *Arctagrostis latifolia* (R. Br.) Griseb.
- 510820-39 *Trisetum spicatum* (L.) Richt.

The contact zone between the low lying marsh and hillside is most extensively used by Caribou as trail formation. As a result these areas support irregularities of drainage and life form of grasses and sedges. Trail preference was employed around tundra lakes to north on coastal Plains. At these lakes Caribou trails follow the contact zone between the rough tundra and the deeper part of the lakes where the avenue of travel follows zones of least resistance.



I followed these same zones in traversing the tundra. From the line of 44 traps set last night at the marsh - mountain contact, collected the following mammals.

- 7 *Clithronomys rutilus* (nos 510820-38 to 510820-44).
- 1 *Lemmus trimucronatus* 510820-45
- 1 *Sorex tundrensis* 510820-46.

Livingston and Byron presented an immature *Canis lupus* 510820-48. *Ursus arctos* 510820-49 of upper skull only and 510820-50 *Ursus arctos*, lower ramus only from Eskimo camp on east side of Chandler Lake.

Chandler Lake, 68°12', 152°45', 2900ft., Brooks Range, Alaska.

Aug. 21, 1951

min. temp last night 38°F. 48°F at 10:00 A.M. In the last three days the wind has shifted or fluctuated from calm to windy with occasional light wind. Of all the element of the climate, rain is the main concern of feed work. The most important item is