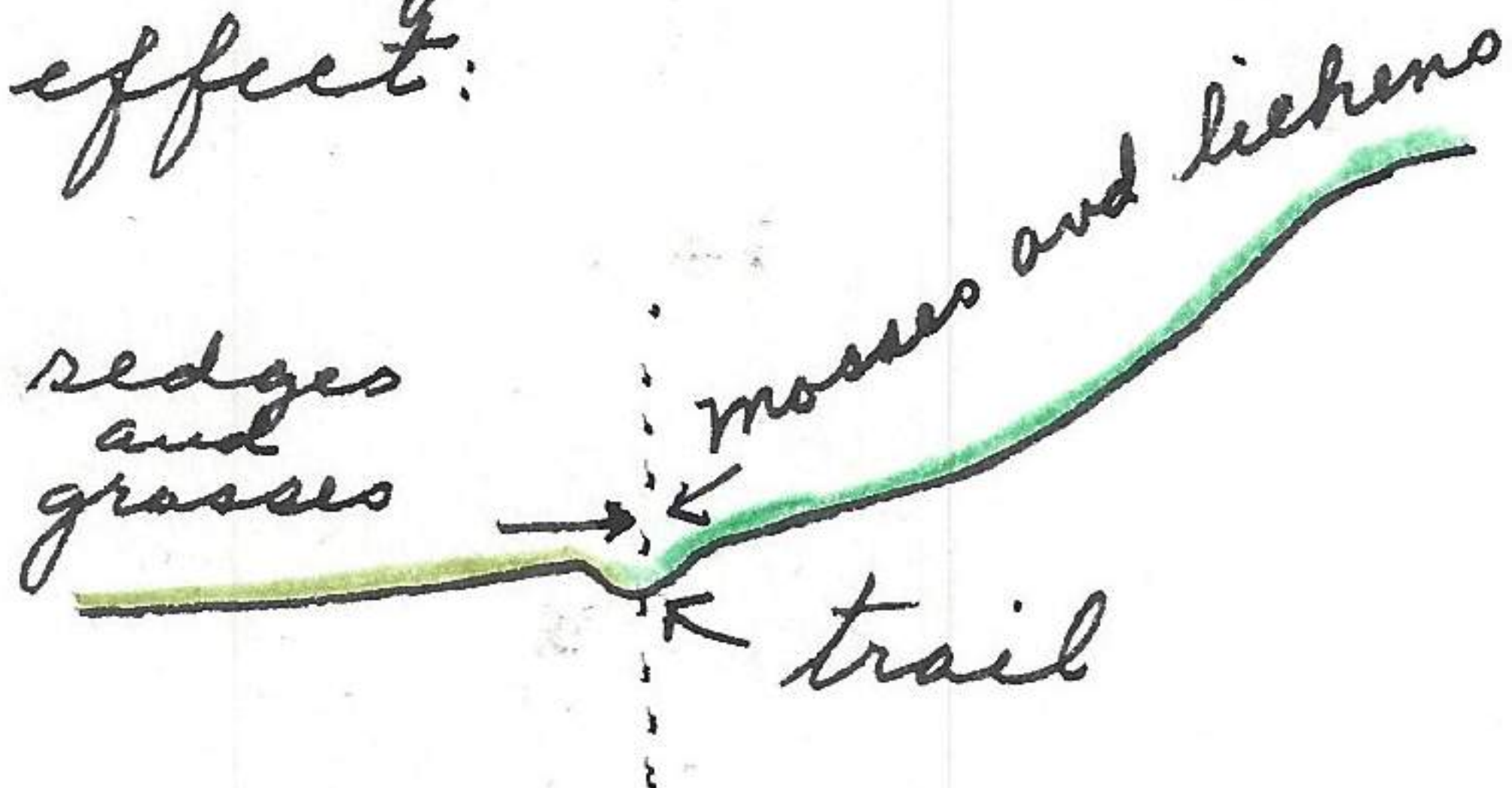


July 16, 1952

Clear weather to 12:00 noon. From trap line along edge of outlet stream and associated grass meadows collected:

16 *Microtus oeconomus*, 1 *Microtus micurus*, 1 *Passerculus sandwichensis*, 1 *Citellus parryi* (steel trap line of 8 traps). Observed golden eagle hunting north ridge. Made actual observation of one young *Microtus oeconomus* eating dead body of another *Microtus oeconomus* caught in trap. Watched one immature *M. oeconomus* swimming across 1 1/2 feet of deep water. Water level in drainage system increasing to maximum after second day or third day after rain. No fly eggs on specimens during inclement weather. When small colony of ptarmigan are flushed, the ♀ herds them on by flying back and forth behind them. Small segment of ice in first mound crevasse while entire country free of snow or ice. Caribou trails have effect of controlling water runoff and hold in depressions. At base of mountain or ridge the trail or trails direct runoff and produce this effect:



mosses and lichens on slope end abruptly at trail, grasses and sedges beyond (down slope) Photo 520716-18 and 520716-19 of surfscaters shot on lake (S side). Photo 520716-20 of Porcupine Lake

and 520716-21 of the western skies. at 11:30 caught *Citellus* 520716-22 in trap 7 on bank of creek. at midnight temp 42°F, min 33°F and max. 46°F for last 24 hrs. period. Day has been cold but promise of a nice day tomorrow.

Porcupine Lake, 68° 51' 57", 146° 29' 50", 3140 ft., Brooks Range, Alaska  
July 17, 1952

The morning observed the golden eagle soaring and hunting on ridge to NE of camp at 11:30 A.M. The yellow-billed loon has a call like a tom-cat ready for battle on a high fence. It also has a long drawn out wail as well as the raucous, hilarious call. Departed late this morning for peak south of camp at 12:00 noon, returning at 8:00 P.M. This range is now designated as Mount Annette (peak at 68° 50' 38", 146° 28' 51", approx 5700 ft in elevation) for my wife and young daughter and is so recorded on the official field map of the U.S.G.S. This range assumes a prominent and commanding position in respect to the surrounding terrain. The highest peak permits