

depths of 1 1/2 feet and 3 or 4 lanes. Some moss fracture ridges are pulverized. Most of the usable Lemmus grass and sedge communities in ice fractured zones, are destroyed by caribou trampling. These are the areas of exceptional trampling and are at construction of land between lakes or passage from one land type to another. The erosional cliffs, while at gravitational repose are used by caribou as if they possessed were mountain steep. Here their trails and trampling is most noticeable and play a most important role in the maintenance of plants and animal communities. On the broad upland grasslands the effect is less concentrated but coverage nearly complete. Occasional single file trails cross grassy lakes but movement in a wide front of wheeling maneuvering. Except at lookout points and along bank of Teshekpuk Lake shoreline where trampling is to bare sod from constant use, the trampling effect is only general from animals that are on a constant move. Feces of caribou has little effect upon the plant community because it is seldom in concentrated amounts. There are many caribou on the tundra but there are also great expanses without caribou. In areas of great sand exposures at the mouth of rivers ^{or bays}, the tracks are everywhere and about a yard apart.

July 31, 1951

made trip to Teshekpuk Lake from camp at south end of lake ^{just} north of Teshekpuk shoreline. First made 2 hour recon. west of camp to inspect trapping possibilities. At SW end of Barrier Lake observed a Falco rusticolus obsoletus sitting on erosional cliff 10 feet above edge of lake. It apparently was resting or inspecting the terrain for food. 30 meters beyond was a dead arctic tern lying on the beach and clearly visible from the gyrfalcon. The tern looked to be about 12 hours dead. made the following photographs. no. 510731-21 of camp and 510731-22 of Rangifer arcticus just standing up from resting on exposed lake bed in a mud or silt filled bay. This caribou was stalked for about 1 block. Photo 510731-23, same as above and duplicate.

