

three specimens of grasses and sedges, no 520808-9 Carex montanensis  
520808-9 Trisetum spicatum var. molle (Micht.) Beal and 520808-10  
Poa arctica R. Br. The only birds observed at James Robert Lake  
were some sandpipers of about pectoral size. One island in  
lake is green and may be near complete inundation at this time.  
Crossed river at braided river system below outwash plain of glacier.  
This lake appears to be rapidly filling in from glacial sediments.  
James Robert Lake and James Robert Glacier is a new name given  
to these physical features.

Departed James Robert Lake 5:30 P.M. It would appear that a  
main movement of caribou come down from glacier area in full  
numbers while the up canyon group depreciated in numbers bey-  
ond the lower edge of James Robert Lake. This would imply that  
a certain number of these animals had moved up over the divide  
or had joined the group coming down the canyon, crossing over  
at about the second rock gate below James Robert Lake. On the  
west side the bear, wolf and wolverine tracks became as num-  
erous as the caribou tracks. The tracks are, in general, up  
canyon on the west side and down canyon on the east side of  
Carnmore River with occasional crossing over when creeks  
provide short cut. At 6:00 P.M. at first main rock gate found  
5 roven and 1 pigeon hawk feeding on a caribou kill. The  
pigeon hawk was first seen as it darted back and forth at  
the roven. This kill was an old animal and probably had  
fallen from steep slopes between gates. A fresh bear dropping  
with bone included was 100 ft from the kill. 6:20 P.M. bear  
tracks going up canyon measured 190 mm total length, 145 great-  
est width, 116 width of pad. most bear tracks on this side  
(east) are going down canyon. 6:25 P.M. small bear track down  
canyon 170 length, 100 width. a bear track going up canyon  
(east side) measured 250 length (including claws), 130 pad and  
150 width at ~~phalanges~~ phalanges of back foot and 150 total  
length, 130 pad and 160 width across phalanges. 7:10 P.M.  
young caribou kill and broad alluvium from major canyon from  
east. This animal had probably died of injury or disease and was  
then eaten by walves.

Found evidence of soil  
creep which was instigated  
by caribou. Caribou  
could be a factor in  
soil creep or solifluction terraces

