

9. High water at Umiat June 14, 1952.
10. 3 wolves seen at Umiat in December.
11. 36 moose at Grandstand Camp in winter of 1951-52
12. Snow hard enough to run weasel vehicle on top.
13. Frank Spinning reported 2 moose with locked horns 20 miles down river from Gubic. The wolverines are now using the caribou as food (December)
14. When sun comes up for first time ice crystals in air disappear
15. Fish and wildlife trappers killed 74 ♀ wolves and 86 ♂ wolves between Umiat and Gubic about March 1952. He claims that their take of 275 (Feb + March) included foeti. Some days they would bring back as many as 20 per day.

Measured a caribou antler as 136 mm long and 106 mm from base of horn (skull base) to tip. Temp today 34° min & 51° max. Mr. Tom Code and George R. Schaller of the Univ. of Alaska just arrived from river trip on Colville from Etivluk River (mouth) to Umiat. They report:

1. Found 3 gyrfalcon nests with young almost ready to leave.
2. 2 raven nest with young ready to leave.
3. 17 duck hawk nests all with eggs
4. American rough-leg hawk most common nester and eggs are laid to about 20th June and then young in nests after that date.
5. Gyrfalcon eat ptarmigan in river bottom and squirrels and other birds outside confines of river valley.
6. 7 Stilt sandpipers collected at Umiat June 8, 1952
7. Collected set, <sup>4</sup>eggs of Wilson snipe June 30, 1952 at Umiat and grey checked thrust of 1 egg and 3 young July 1, 1952.
8. Canadian geese use old cliff nests of raptors along Colville R.
9. He has collected the following at Umiat: willow warbler, June 20; Stilt sandpiper, June 8; dowitcher, 6 June; ptarmigan; black bellied plover, June 7; red phalarope, 11 June; golden plover, 4 June; grey-checked thrush, June 14; northern phalarope, 5 June; savanna sparrow, June 10, all in 1952; fox sparrow, June 13; pelleolated warbler, 13 June; pectoral sandpiper, 14 June; redpoll, June 4; semipalmated plover, June 5; Baird sandpiper, June 8; tree sparrow, June 14; Lapland longspur, June 11, 1952.
10. Saw many caribou, few moose, sign of bear & fox along Colville River.

This afternoon collected a set of eggs (skeletal elements) of *Lagopus l. alascensis* 520628-21 at Umiat near Seabee Creek. The nest was in a cavity of sphagnum moss. There was apparently