

are decreasing.

3. Wolves have been increasing in last 20 years.
 4. Moose may be moving into N side of Brooks Range as a result of a change of climate.
 5. Fires on Kenai Peninsula have destroyed caribou range and have produced a succession of willows more suitable for moose.
 6. The small 8-11 inch fish like Eastern Brook trout are Arctic char characterized by white edge to fins. The sea run are large fish of several pounds. The small fish, 3 to 5 inches do not have white on fins near red spots along sides.
- Mr Leopold and Darling (from England) are here to make recommendations as to the suitability of making this area a national monument or primitive area:

Tom Cade reports:

1. Duck hawk one pair per 10 miles of river. It will not tolerate other birds except lesser Canada goose which may use the nearness of the duck hawk as possible source of protection.
 2. Gyrfalcon like prairie falcon in uncontrolled disposition of nervousness and feeding habits of striking game on the ground.
 3. Duck hawk permits handling without concern.
 4. *Citellus parryi* all along Colville River except about 10 miles from the Arctic Ocean. They are very common all along this river especially in sand dune area where willows have taken hold. Many young present.
 5. Caribou common only at edge of ocean.
 6. Only one sandhill crane between Umiat and mouth of Colville River.
 7. Duck hawk strikes large birds at a glancing blow only.
- Starker Leopold observed a red fox (brown head, black body, tip of tail white) SW of Umiat (see map on next page). He also observed an Am. golden eagle carrying a fawn mule deer to nest in California. Also a hind quarter of a deer. Thomas Cade also reports rabbit population fluctuates from area to area by a 2 to 3 year leeway with highs every 10 years. 1916 to 1919 were high; 1924-1926 high; 1934-1936 high with the dying off in 1926 and 1936. no highs in 1940's which it possibly missed. In last two years (1950-1951) the rabbits have been on the increase in Alaska general and specifically in the area around Fairbanks.