

away and feigned the cripple act for about 50 feet. Both ♂ and ♀ performed. The ♀ acted as if heading the young but was only part of the act. These birds defended an area each day gradually moving to the south for about 1 1/2 blocks in 4 days. The short-billed gull put up greatest defense at point marked and no doubt had young in grasses and sedges or along the shoreline. They gulls were concerned with one general area on each of several occasions when visited. Fifteen surf scoters used the SW part of Schroder's Lake; five of them showed white wings and could have been either the white-winged scoters or the greater scaup duck. After setting steel traps at 2:00 P.M. continued to mouth of Spawning Creek. Here are larger runways and grass cuttings that might be either Citellus or muskrats. These runways are along the creek and developed in fracture systems that parallel the creek. In Spawning Creek fish for trout from mouth of creek to first ripples and first turn of creek to south (see map to follow). In one hour caught 33 trout indicated in red dots on map. The largest 820 mm (standard length) and the next largest 760 mm. The last trout caught was just below the last ripples of creek before the still waters that led to lake. The distribution of these catches indicate these fish are truly lake forms and do not move up creeks beyond the quiet waters of the lower reaches of creeks. The trout in the last hole, as indicated, hit the small Colorado spinner 4 times in precisely the same direction in relation to the water current. The average depth of the still water about 3 feet with deep holes occasionally. Bottom of stream rocky. After fishing and releasing all fish (used barbless hooks) returned to camp and picked up museum traps and returned to Spawning Creek to take a sample of fish population. Ed. & Richard Olson accompanied me. The area indicated in deep blue is area where fish were taken for census. The following fish (lake trout) were taken between 9:30 P.M. and 11:45 P.M. with spoons (dare devils, 4 inch and small 1 inch Colorado spinners). Each fish collected was released after being weighed, measured and a sample of scales taken. Average depth 3 feet, max. 4 1/2 feet. Weather clear, cool, fog clouds at N end Schroder Lake, wind in irregular gusts.

