

10:08 old county road into water. 10' x 8' open water just to N
 of road and also some amount to S of road on W side of bay.
 4 tree sparrows and flock of 13 bobwhites on leeward side of
 shore. Evidence of ^{bed} beaver barking of small shrubs, now in
 ice. As upper end of bay is invaded there is a gradual
 change of green in water and more masses covering obstacles
 in water. Raccoon tracks occasionally observed in mud.
 10:14 upper end of bay. 50' of open water. 10:17 head of
 channel of lake level water where channel turns abruptly to left.
 Beyond the channel is in thick white ice, built by flow
 water. This elevated ice (3-8 inches thick) is in contrast to
 ice & snow free sides of channel. The surface of this ice is
 slick but irregular. No water in creek bed but there is
 underground drainage into lake level waters. 10:22
 2 chickadees, 1 yellow-shafted flicker & 10 juncos, downy
 woodpecker. Evidence of digging of muskrat nests by
 coyotes. 10:25 road on W side bay. ^{dead} northern pike 22" long
 wherever roads lead to lake shore or to a picnic area, one
 finds at least 2 dozen beer cans. At this area counted
 42 cans. Most fishing points are still in grass but con-
 tinued use will trample covering. 10:35 head of lateral
 drainage (leads in same direction as straight road above on
 hill. Lake level in drainage to first abrupt curve in
 drainage (at rock cliffs). Creek ice beyond and 8" thick.
 yellow-shafted flicker & 2 chickadees. 10:40 head of drainage
 immediately N of boat ramp. No evidence of beaver or
 muskrat although favorable habitat for them. Water open
 40 feet at head of drainage. 10:43 boat ramp. Open
 water at point just S of boat ramp and extends S along
 shore for 180'. This is the best fishing area observed so far.
 water clear. 10:46 2 song sparrows. 10:50 8 tree sparrows.
 10:51 large flat rock in drainage upper limit of trees. Grass
 has penetrated forest from 0 to 60 or so feet. 10:54
 crossing new ditch excavation for water. Along this bank are
 young trees, seldom more than 9 inches in diameter. 11:00
 point on E side of bay. Redtail left near nest in tree. This
 bird called several times. Good vantage point for a tent.
 Ice fracture from point to point across mouth of bay.
 11:01 22 tree sparrows and 1 red bellied woodpecker.
 11:02 2 song sparrows. About 100' into bay is a fracture
 ridge on ice. Shoreline modified by ice up to fracture
 ridge but not beyond toward upper limits of bay. 11:05