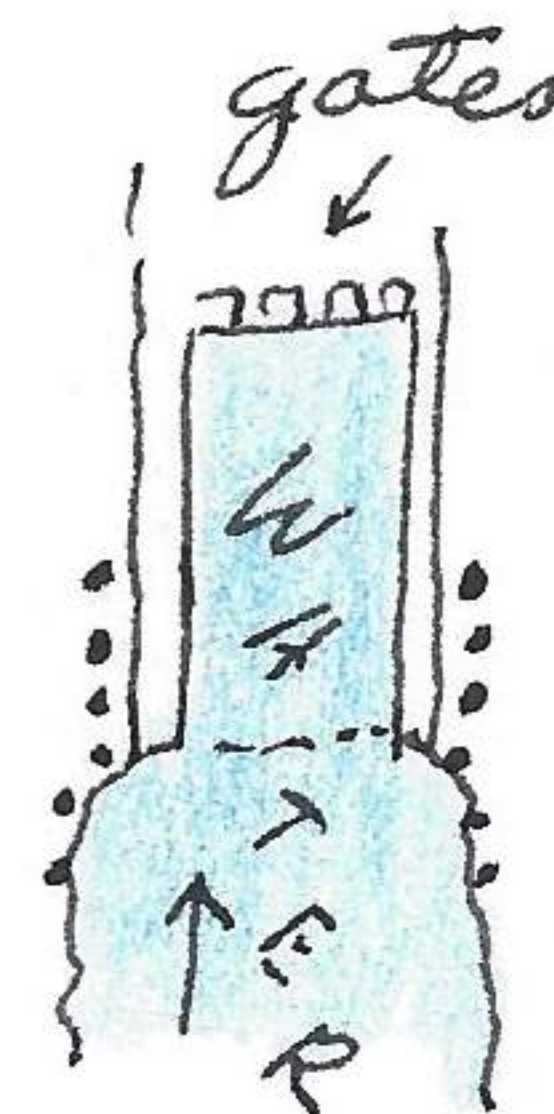


so returned to main stream (Delaware) and continued to ward dam in excavated channel. 4:12 50 geese flew over dam and alighted in flooded field to NE of outlet gates (60% blues and 40% snows). Arrived dam at 4:20. Beaver tracks along excavated channel to dam and at apron of dam the tracks continued up the slopes for 20 feet as if the beavers had reached the limit of movement along the river. At this level of water it would be possible for beaver to continue thru the dam, as I was tempted to do with the canoe, but the artificial diversion probably hindered their further movement to the south down stream. The fact that there was only sparse food supply along the artificially excavated channel leading to the water outlet would indicate that beaver are moving along the river course in search of new areas to set up territories. Checked S side of outlet and found one 4 foot wave barrier that discouraged taking canoe thru dam, so Mary & I hauled the canoe from stream level to top of dam. English sparrows have entered the new man-made rock slide facing of N side of dam at a point where people stop their cars and have lunch. The refuse thrown over edge of dam is being consumed by these birds which, in turn, are roosting among the large boulders of the facing of the dam. Took 1 hour to get canoe to top and loaded on car. Mileage on river today 11 4/10 miles. 6 hrs 57 minutes in field.



Summary:

beaver. evidence all along route especially where young willows were present and where slopes were favorable. In areas of dens, the activity was concentrated. Observed

8 beavers and on the basis of favorable den sites and concentrated activity would estimate a population of 40 beaver for the 11 4/10 miles of river.

mallards 2-22-4-50-

Crows 8-3-2-3-4-

marsh hawk 2-1-1-1-1-2-1-

great horned owl 1-1-

black-capped chickadees 3-4-

pintail - 50-80-12-

redwing - 1-1-2-

american merganser 65

muskrat 1-1-1-

redtail 1-

tree sparrow 2-4-25-

killed deer 1-

gadwall 1

blue jay 1-1-2-

Eng sparrow 22

blue goose 350-800-30

snow goose 150-200-20

bluebird 4-

tracks of raccoon, opossum, coyote, deer.