

south) The drainage systems on N side have been obliterated by Pleistocene river erosion. 11:25 head second drainage (S side). Squirrel tracks have been generally represented among trees on top. The old clearing, now in heavy grass and trees (from 2-3 feet to as high as 25) of successional growth, starts at this point and occupies the flat top of ridge to its western limit. 11:27 SW promontory point which is a good advantage point for observing the lake to W and S. Observations were made from rock outcrops (the face of the outcrop had a solution cavity approx. 4 1/2 inches deep). This is the only point that permits visibility of lake. All other areas have trees as barriers. To the S and W would estimate 12,000 mallard ducks, mainly in open water but at least 5,000 of the 12,000 resting on the edge of the ice extending out into the lake from the east shoreline. There were no doubt other kinds of ducks associated with the mallards but the predominate species 98% were mallards. Bluejay and hairy woodpecker at this point. Left point and continued NW to main point. There are no rabbit or squirrel tracks associated with grasses of open area on top. 11:46 NW Gap Point. This is the best observation point to observe the lake from Rock Creek to Olive Branch Point to bay N of Gap Point to main body of water to S. At present one cannot successfully survey the lake because of trees that obscure the vision. There is one oak near top that can be climbed easily which permits good visibility. I would recommend an observation tower be constructed at the NW point on the highest point and high enough to clear trees on edge of ridge so that one could see not only the lake but the shoreline as well. Such an observation tower could be winterized and should be operated 24 hours of the day and night, especially during the ^{early} winter months when the only open water is in this area. Information of population numbers and composition would be invaluable and could be continued until the reservoir populations become stabilized. A 60x to 130x scope would permit species identification and count or estimate numbers of the populations. This area is