

circled the Slough Creek drainage and finally alighted in lake approx. 1/2 mi n of outlet gates. The percentages were approx. 60% snaws and 40% blues. At 11:25 a plane flew over and geese left, circled lake area and returned to exactly same area as before where they remained for rest of period of observation. Under usual light and flight pattern the impression is that there are more blue geese than snaws but when the flock turns in the sky and the backs of the geese are exposed the percentage changes definitely to a greater number of snaws. One receives the same impression in estimating ^{sex} numbers of American merganser. When the sun is shining the impression is that there is a greater number of males in the population than there are females.

At a point south of the peninsula that ends in Olive Branch Point were approx 3000 mallards resting on the edge of the ice. They remained there during the entire period of observation. With a 20x binocular, it is difficult to identify some ducks and as today was one of estimating and counting American mergansers (all figures by actual count), did not give critical attention to other birds that might have been part of small group aggregates. A 60x telescope is needed for this purpose.

Left above area at 12:30 and continued n along lake via road. Clouds moving in from w and could bring rain or snow. 16.6 red bellied woodpecker. Snow on n exposure and on road on n exposure. 17.2 head drainage. Temp. 26°F. Ice in bays. 18.2 opposite trailer area. Road too muddy to get to top of hill so returned via same route as followed. 18.3 farthest point on road. 19.6 flock 6 cardinals, 90 tree sparrows, 40 junco, downy, yellow-shafted flicker. Continued S along road but ended census at 19.6 mileage at 12:55 P.M. Road almost impassable because of soft mud in low drainages. Although temp 26°F the roads in certain areas are muddy. Ozaukee is about the only area one can use with trailer. All other areas except near Lock Creek bridge are impassable in winter. Connecting roads should be completed by next year.

Summary of birds in Perry Res. area:

American merganser 2369	mallard 45-3-18-3000-40	blue geese 240
pintail 1-	redtail 1-	snow geese 360
greenwing teal 49-3-3-8-30	Herring gull 3	tree sparrow 80-90
ring-billed ^{necked} duck 3	glaucous 1	slate c. junco 40-40
Cinnamon teal ? 1	ring-billed gull 168	Harris sp. 13
yellow-shafted flicker 1	downy woodpecker 1-1	bluejays 4-
		red bellied woodpecker 1
		cardinal 6-12-
		chickadees B.C. 5