

Left 1:10. Considerable beaver activity in recently denuded area, in fact there seems to be an increase in numbers of beaver and activity. Although trees have been removed, there is more limbs and roots available. 1:12 cross.

1:20 hillside curve. Redhead and 3 Chickadees. Beaver are using every available avenue up steep bank to milo field beyond. If the valley floor is attained, the beaver will leave a muddy trail. Many attempts or routes are surveyed but most of them are too steep. There is very little evidence of the milo plant on the water edge. 1:46 drainage left. 1 gal per 5 sec. Considerable iron in basal layers in bank, in the form of nodules, sheets between layers of sand and silt and in fracture lines. Flock of 400 geese flew north (200 blues, 200 snows). The flocks have been similar in flight action with all groups finding it difficult to maintain V formations. They will form lines and then pass into disorganized groups and then back to line formation. They also move from side to side and from right to up and down. They call continuously. 2:12 collected an Indian artifact (fat scraper) ⁶⁹⁰³⁰²⁻² from 3 feet above level of water in basal sands and clays.

Height of bank approx. 20 feet.

The scraper ^(see 690305) was embedded in

the clay with the

flat surface exposed. It measured 137 mm long; 95 mm wide, 40 mm high and was made from basalt.

, probably an erratic from the Kansan glacier. This fat scraper is larger than usual for this area and is crudely formed. The edges were sharp and showed no sign of wear. There is no evidence that this artifact could have migrated from the top of the bank to its present position. 2:13

stopped to check gravel bar (left side river + approx 200' below site of artifact. No evidence of chips, potsherds or points here. temp 41°F. 2:26 left. 2:32 beaver from debris on side

of bank. These beaver are occupying sites as high as 10' above level of water, although they prefer water within a foot or two and generally protected overhead. 2:41 bend and good hillside exposure. Present stream at contact with hill does not seem to have much erosional effect on the hillside. 2:50 Cooper Hawk & redtail. 3:04 beaver

