

*Anas platyrhynchos*

Mallard

nos. 20, 28, 51, 52, 72, 76, 80, 82, 84, 113, 121, 129, 150, 181, 187, 190.

*Aythya affinis*

Lesser scaup

nos. 136, 154

*Aythya marila*

Greater scaup

nos. 22, (UH 11 17R4 L. 110).

*Mergus merganser americana*

American merganser

nos. 56, 94, 168, 194, (UH 11 1747 L. 110).

*Recurvirostra americana*

Avocet

no. (UH 11 20R4 L. 110).

Identification of fish and molluscs to follow.

On Feb. 18, 1957 wrote to Dr. Ross T. Christensen concerning the identification of the fish and molluscs. I just received the archeological material (fish) recently sent to the University of Michigan for identification. As Dr. Meller had departed for Mexico, the responsibility was relegated to the Curator of Fishes, Prof. Reeve M. Bailey whose authority is respected. The fish material will be shipped to you this date. This leaves the molluscs to be identified.

At the time I was working with the fish material, I thought that the pharyngeal teeth were, in fact, the Utah chub as I am familiar with these elements and have found them many times along the shores of Utah Lake, however, in an attempt to key them out and because of the incomplete set of teeth, I consistently ended with two other kinds of fish Siphateles and Hesperoleucis, neither of which occurs in the Bonneville Basin. The Utah chub is the large, abundant and widely distributed minnow of Utah Lake and would almost certainly have been used as food by the Indians. This species actually has a dental formula of 2, 5-4, 2. Since both of the arches you sent are from the right side, they fit perfectly in having four teeth. The scars, where the two weak teeth of the minor row were attached on each bone, can be seen. These scars agree perfectly in position with the location of the teeth in arches of recent specimens. The teeth on these two arches are considerably heavier and notably more worn than those of the younger fish, but this is what one would expect in large specimens. The slope and weight of the arches and the position of the teeth, however, are in ex-