

The rock dikes are of well rounded river worn boulders of limestone and granite erratics, ranging in size from 3 or 4 inches to 1 1/2 feet in diameter. There are remarkably few boulders that are angular and if so are of recent fracture. Preliminary excavation shows that there are 2 or 3 layers <sup>thick</sup> of the larger boulders which rest on and to some extent, at least basally, in a coarse gravel which in turn rests upon a grayish clay. The fish trap is lined with a pavement of smaller boulders with a greater percentage of flat rocks than is found on dikes. There are a few isolated <sup>E</sup> boulders W and NW of curved dike and a basal layer of boulders <sup>E</sup> of straight dike, some of which are exposed. The main dike extends 5 for equivalent distance of the exposed boulders, as a submerged dike. It was ascertained that these dikes extend uninterruptedly to the N under the undisturbed stratification of the bank, at least for 13' beyond the last exposed surface rock on the beach. It was on the basis of this fact that the dikes were not of modern age but archaic in level. The figure on previous page shows the reconstruction of a hypothetical channel that would direct up-stream migrating fish to the fish trap. The long straight dike would act as a barrier to fish moving up stream. As the dikes now stand, there is an active trap-effect on E side of main dike and many fish are found there. On every occasion that I have approached the bank there has been a great blue heron feeding there. Several photographs were taken at this site and are as follows:

711010-2 from top of bank to SE showing the general alignment of the dikes.

711010-3 same as above with Mr. Dennis <sup>and Lisa</sup> Doiley, at water level.

711010-4 main dike showing abrupt W edge. Submerged boulders to E end abruptly there. Submerged boulders extend beyond end of main dike for approx. 50'.

711010-5 From top of bank to SW. Starley on water level.

711010-6 same as above. The climat Cottonwood community on S side of river is being eroded away.

711010-7 Closer view of above.

711010-8 N end of main dike as it contacts bank. These boulders continue uninterruptedly under the sediments of the bank.

711010-9 main dike riverward, showing eroded boulders.

711010-10 main dike at contact with bank.