

June 23, 1943

Served with Vert. Zoo. class at Bernalillo. Worked both the river side drain just above the road and also the Rio Grande. Altitude approx. 5100 feet (Pressure changing rapidly).

Rio Grande. A. 84 W 83 at 4:00 P.M. M. War Time. Clear.

WJK43-06-23-01

River 350 feet wide average depth about  $1\frac{1}{2}$  feet. Some holes in main channel probably over five feet deep. No shelter for stream or fish. Water white, turbid, Current moderate to strong, No larger vegetation, Bottom largely shifting sand in this area some silt. West bank semidesert, eastern shore (back of immediate shore region) cultivated. Gradient rather steep here as compared with Albuquerque. Actual gradient is slight. Seems to be relatively worthless as a game fish area. Possibly a few cutfish (hellheads) could get along. Fish were very scarce. All fish were sores. Captured with 10 and 25 foot seines. Served 2-4 P.M.

Several of *Xyphocheilus* were ripe. One ♀ was almost so.

WJK43-06-23-02

The ditch was a large affair, full of vegetation and difficult to seine. Width about 20 feet depth 4-5 feet in center Average  $3\frac{1}{2}$ -4 feet. Flow moderately strong. Bottom firm, mixture of sand and gravel. A. 82 W 70 4:45 P.M. W. Clear white. Vegetation abundant, largely *Ranunculus aquatilis*. Many fish seen but not captured. Mostly trout.

One rainbow captured and lost. One large mouth bass seen. Rest of fish sores.

A toad and two garter snakes were collected just below the Rio Grande bridge.