

October 3, 1944#1

WJK44-10-03-01

Semed fair about 2½ hours on Coyote Creek, 3 9/10 miles above (north) of Guadalupeita, Mora County, New Mexico.

Elev. 7850 ft. P.M. Six foot seine. At 55 W 50° F about noon standard time, weather ^{clouds,} rain changing to snow shortly after. Stream is about 10 feet wide in most places. The riffles are shallow and more or less the same depth most of the way across - 2 inches. Pools are fair sized, of good quality, and up to three feet deep. Cover for the stream is good. Water clear white. Current moderate to strong, bottom rubble and gravel. Vegetation sparse to moderate, chiefly Ranunculus (aquatilis?) and some Chara. Some Nostoc-like alga was also common. Food is better than in most of the streams in this country - average good. The stream flows through a yellow pine canyon with cultivated bottom lands. The road is all but impassable about 1/2 mile above and the land is posted (more or less including road). Just a short section is ~~so~~ readily available to fishing at least to outsiders. Water is diverted for irrigation.

October 3, 1944^{#2}

The gradient is moderate. Most of the basal rocks are sedimentary. A lava flow appears at the bend of the road at this place. Fish were not especially abundant. I suspect that the stream is higher than usual although the water is clear and the stream does not appear in flood. A short distance (air-line) away we had at least $\frac{1}{2}$ inch of rain 36 hours ago.

Catostomus c. commersonii probably most common fish.
in deeper holes.

Semotilus a. atromaculatus fairly common.
in vegetation as juv. in deep pools as adults.

Campostoma anomalum
in deeper pools.

Rhinichthys cataractae - very scarce as adults.

Chrosomus erythrogaster - Not very common.
adults at tail of riffle in pool, yg in vegetation.
in vegetation in pools.

Salmo gairdnerii iridescens 1 12 inches escaped while putting in jar.

Salmo tuelia 2 spec.

Salmo clackii subsp

All trout from under roots and snags. All three species from same pool.