October 3, 1944

Served fair about 2 1/2 hours on Coyote Creek, 3 3/10 miles above (north) of Guadalupe, Mora County, New Mexico.

Elev. 3,850 ft. N.O. D. Six foot dense 435 W 50° F nearly about noon standard time. Weather 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 fairly deep, 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 (aquaticus?) and some Elara. Some Water-like alga or moss 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 (now or less including road). Yet a short section is as readily available to picking at least to outsiders. Water is directed for irrigation.
October 3, 1944

The gradient is moderate. Most of the basal rocks are
ordinarily. A lave 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. At about distance (air-line)
away we had about 1/2 inch rain in 36 hours ago.

Calostomus c. communis—probably most common fish
in deeper pools.

Semotilus a. atramaculatus — fairly common.

My section a. amolecumin

in deep pools.

Reinichthys cataractae — very scarce as adults.

Chrosomus eurytheogaster — very common.

in vegetation in pools.

Salmo gairdneri niviceps — 1 1/2 inches escaped while
putting in jar

Salmo trutta — 2 eggs.

Salmo clarkii outfit

All trout from middle root and snags. All three
species from same pool.