

December 14, '47

WJK47-12-14-01

Went west on 66 to Bluewater. Considerable ice in Rio Grande. Rio Puerro dry, Rio San Jose dry to just east of Laguna reservation. Frozen from there to ^{near} Anzac wherever seen. Seemed near Anzac. Frozen near Grants, dry from there at least to Bluewater.

Rio San Jose should be seined: just east of Laguna - 46 miles from home; just west of Dixie Cafe - 58 miles; and near bridge 3-4 miles beyond Anzac - 74 miles.

Drainage Rio Grande Locality N.M., Valencia Co., Anzac, Rio San Jose.
Elev. 6274 Date Dec. 14, 1947 Collector W.J.K.

Size 4-10 ft. wide, - 3 ft. deep, mostly 5 ft wide, 30 inches deep

Condition N. Fluctuation Mod.

Temp. Air 32 Water 52, 59 in spr. Time 1010 Weather clear, windy

Water WST Current M Bottom St

Vegetation Sparse: Potamogeton pectinatus, Nasturtium aquaticum, Typha

Shore Grass meadow Water shed Pinon juniper

Capture method 6 ft. s. Time 900--1000

Dist from shore S-S Depth -3 ft. Orig. Press. 10% F

Rather uniform, deep, meandering stream. Springs abundant and with large flow. Sev. seen in a short stretch of stream. Only one (under ~~bridge~~) contained fish.

Caddes, snails and shrimp common in clear weedy springs. Fish very scarce. Wonder why fish were not in springs? Not enough oxygen? There were lots of food organisms and rather good shelter in some.

Gila nigrescens

Scarce. About $\frac{1}{2}$ found in one spring hole and remainder in several weed patches (Potamogeton pectinatus) near a faster stretch of current.

Rhinichthys cataractae transmontanus

1 taken from patch of Potamogeton pectinatus near accelerated current.