

October 1, 1944.

Max-min. thermometer at Rio la Santa. 53-41° F.

Scanned the Luján creek above and below Charon today. Secured a trout which seems different in coloration from S. c. splensus. This is a trip. of the Canadian R. and as such may it have S. c. stansias in it. This is supposed to have the spots essentially restricted to the tail. There do not; very definitely. The striking thing is the pinkness rather than orange red of the lower sides. They also seem paler in color.

WJK44-10-01-01

N.M. Mesa Co., Luján creek several miles above ^{Charon}. A trout stream about the size of Rio la Santa. About 10 feet wide and six inches deep. Largely composed of riffles but with some small but excellent pools. Many small and ^{fair} poor pools also present. Bottom is of rubble; Current moderate - moderately strong. In a wooded canyon although the stream is more or less in the open of the grassy bottom lands. Gradient moderate. Elevation 8220. Water clear white; stream low. Food poor. No vegetation

October 1, 1944 #2

Shelter for fish is fairly good. - Water is directed, in part, for irrigation. A. 6740 59 1:25 PM ST. 6-ft. run for two hours. Weather cloudy with occasional sprinkles.

Salmo g. uideus - sev. nice fat specimens.

S. clarkii subsp. the more common trout of the two. Seemed to be a bit more common in prober water than S. c. pellicus. These were seen and almost never taken. Most of those taken were from beneath snags in deep holes.

WJK44-10-01-02

Seemed the same stream several miles below Chason. It is larger here, or at least seems so because more pools are present. It averages about the same size as up above (additional water comes in from Luna creek & springs) though it is frequently 15 ft wide. There are many large deep pools of good quality. Some of these are natural, others man made for diverting water. The stream is densely bordered by willows and these make otherwise unimpressive pools good. Show beyond willows, cultivated & woods on hills. Current slow to strong. Bottom rubble in riffles.

October 1, 1944 #3

silt in the pools. Water clear white, Food better than alone, fair. No vegetation. Gradent still more moderate than alone. A65 W58 3:50 PM

Catostomus c. suctii most common fish as larger specimens. Were in deeper holes. Common.

Salmo clackii subsp. fairly common in pools, ~~under~~ under snags and out in open, seen feeding.

There out the ones alone could be yellow-tones but they seem too chunky and robust and not eel-like enough.

Rhinichthys cataractae 1 large one at the tail da ruffle under a snag. Most of the young fish are probably of this species. They were common in the quiet backwaters.