

August 15, 1939 #1

Left camp two miles east of Falsom and started down the Dry Cimarron Valley. Mileage 16568

WJK39-08-15-01

Scanned the Dry Cimarron two miles east of Falsom. The stream flows over lava beds in this area and makes a plunge of over twenty feet to a new level in part of our camp. The stream is said to contain brown and rainbow trout but none were taken. Several cards of people came to fish the plunge basin beneath the falls. The stream is high although it has been very much higher, the flow of water having been 50 or 100 x as great as at present. The water is white and turbid. It is very turbid when we first arrived in camp but the thunderstorms have raised the level and increased the turbidity. The bottom is largely bed rock, lava especially along the falls and some other rock below. The loose rock is largely in the form of boulders. although some rubble and sand is present. Current is moderate to strong. The width is mostly between six and twenty feet although it narrows about 35 feet in places. The depth is from 2 to 3 1/2 inches in the riffles and six inches to ^(prob.) six or eight feet in the plunge basin.

A garter snake was taken here. A 84W66 #10.00M

An adult and a larval form of Amphystoma regium was seen by Hela & P. Betsing

August 15, 1939 #2.

WJK39-08-15-02

Dry Cimarron river at first road crossing
(about 12 miles above valley)
below Falson. At this point the river flows
through a deep, over 20 feet, and very narrow
canyon which has been full lately. The bottom of
the ~~canyon~~ river is of sand and gravel, the sides and banks
are of slippery clay. The current is slow to moderate,
the ripples are very short with the pools of an
ounce. The ripples are 2 feet wide and $\frac{1}{2}$ inch
deep, the pools 12 feet ~~long~~ ^{wide} and $\frac{1}{2}$ ^{foot} deep. Water is
white, turbid. A. 8 $\frac{1}{2}$ W 66 T 11:20 AM. Crayfish common.

WJK39-08-15-03

Seried the Dry Cimarron River at the second
(about 5 miles above valley)
road crossing below Falson. The river is slightly
larger than in the previous place but is otherwise
much the same. It has a bit more gravel and boulders
more crayfish, very abundant here, and less fish.
A 82 W 66. T 11:55 AM.

WJK39-08-15-04

Seried the Dry Cimarron River at the
(about 10 miles E. of Valley)
third road crossing below Falson. The stream
at this point is in a small sandstone canyon
(within the larger canyon of course). The bottom
is largely bedrock with many boulders and

August 15, 1939 #3

some sand. There is much more water coming down here than in the previous 2 collecting sites, there being about 6 inches of water in the 3 foot wide riffles. The pools are shallow, 18 inches, and about 20 feet wide. Current moderate to strong.

Loc 84 W. 71 at 1:20 P.M.

Saw a dead prairie rattler on the road just east of Valley.

Saw another just south of Moses on the way to Clayton. Also picked up a box turtle in this vicinity.

WJK39-08-15-05

Visited Carizzo creek at the Okla.-N.M. (one half mile S of Cimarron E.) boundary. This is a tiny stream in a large arroyo, two feet wide and $\frac{1}{2}$ inch deep in the riffles, 4 feet wide and $\frac{3}{4}$ inch deep in the pools. The water is clear white, the current slow to moderate. One pool deeper than the rest (18" long 10" wide and 6" deep) yielded the first specimens of Natropis girardi for New Mexico. Planorbis gha were in the clear shallow pools in small pools. A. 90089 1:30 P.M.