

June 15, 1954

El Rito Creek

~~miles below~~
at Fourt Camp. - went to pool where
unpaired b. were stocked yesterday no signs of
sp. at 730 W 48.

WJK54-06-15-01

Went below town of El Rito. Walked from
about 8 until 1245. looking for b. spawning.
Searched a while & found that some b. were spent
and others were not: b - 4 1/2 miles SE of El Rito.

Gila - some ripe, some spent
~~not~~ common

Platyphed 2 or 3 ripe. Much more abundant
in lower portion than above.

Pantostius abundant above, scarce below.

Catostomus abundant, esp below -
if (idiot is correct) are more prone to
Rhynchogobius school than Pantostius,
scarce,

Pumpheles F. c. Not kept in good
numbers in stream by abundance of beaver dams

Stream here of variable size 5-6 ft x 1 inch to
large beaver dams on a stream 10 ft x 2 inches.
Beaver dams seem to account for virtually

June 15, 54 #2

the difference in flow. Below the dams, which were very numerous, the flow was diminished and the water more turbid. Fish were abundant, Veg. mod abnd - algae - (small stand of Sagittaria, an unusual weed).

Fish gen ~~fish~~ moved into riffles as the day wore on - possibly for oxygen as well as food since the bottom of the pools were not very sweet smelling.

6:50 W clear to turbid. ^{with} Clear, cloudy.

Fluctuation great A 74 W 73 1215.

Shore Wellows Cotton woods, Waterbed Sage, ~~W.~~

Almost all fish saved except few suckers which were discarded by the seine-pulls.

Stopped at other places upstream: In "town" within the irrigated area - stream very small almost devoid of fish; above irrigated area but not above all irrigation inlets - larger but no sign of fish; above inlets to above Forest Service camp - no sign of *S. spumny*. Found *Pantodon* sp.

June 15, 1954 #3

- 1545 Found *Pantodon* spawning in the pool
stocked yesterday. Morally certain there were
no reds then then although visibility was poor
because of wind and clouds from showers. Do
not believe that they were there this AM. They were
certainly out on the redd at that time 7:30 - ~~8:00~~
Left ^{at 16:00} pick up truck & returned at 16:30.
- 1630 W 66 at
- 1640 ♂s have begun to return to the redd.
On several occasions between 1545 & 1600, ^{& again now} ♂s chased
~~the~~ a female about the Pool.
- 1647 Pan. left briefly when I sneezed.
- 1653 Female arrived and they spawned before I could
get the field glasses focussed.
Moved closer
- 1658 ♂ entered & left on 2 occasions
& entered redd while ♂ was absent & left
- 1708 Female approached ^{near} redd & was pursued. She
stopped at 1702 and spawned. There were
three males in attendance. The odd male
spent his time in getting between the ♀ and
one of the other males thus making them "odd."
This was done several times making each one odd.

June 15, 1954 E 4

1724 ♀ chased about pool by ♂s but nothing happened.

1726 ♂s show less intense interest in the red and stop to feed now and then.
Just chased a ♀ about the pool.

1730 W64 2 ♂s just spawned 2x in rapid succession with the same female.

1731 ~~The~~ The ♂s seem to spend a lot of time off the red. Occasionally they swim about in pairs ~~etc~~ but this seems to be no ceremonial and little if any animosity.

1750 Air temp dropping fast. The sun is behind a bank of clouds and nearly behind the Mt.
2-4 ♂s have been on the red at any one time.

1800 W63+ a little. Spawning, 1 ♀ with 2 ♂. They remained quiet for almost a minute before they left.

1845 W62. Left ~~open~~ site where preceding observations were made at 1810. Got more clothing and observed from other side of creek. Light is now so poor that I can only tell that *Pantodon* is still in the red from time to time.