

June 9, 1949.

Spent practically the entire day on El Rito Creek below El Rito. Hoped to see something spawn. ~~Found~~ Discovered some rocks with eggs in them & suspected beta from Merle Coe's description. Were probably Platygothis ~~as they~~ which ~~was the only common fish that was ripe and abundant,~~
No large Celas were taken.

Was clear in PM, became cloudy and began to rain at noon with hail about one o'clock. Intermittent showers the remainder of the day.

Also scened briefly in the Chama R where the road from El Rito crosses. The stream was high & was collected only along the edges.

June 9, 1949

WJK49-06-09-01

Drainage Rio Grande

Locality N. M., RIO ARRIBA CO.

El Rito Cr. (1 mi. above collection of Easter Week.) x miles
above mouth.

Elev. 6000 Date June 9, 1949

Collector WJK, K. R. Coburn

Condition N Fluctuation great

Temp. Air see below Weather Rain and hail at noon to 1400

Water CW Current m-str Bottom small bo, r some silt

Vegetation short (1 in) algae on rocks abd.

Shore Arroyo, PJ & Cottonwood Watershed PJ

Capture Method 6 & 10' S Time 900-1600

Dist. from shore s-s Depth -3 ft Orig. Pres. 10% F

Remarks:

2 pkgs.

Temps. A 60 W 60 T 915. A 68 W 69 T 115, A 70 W 70 T 1215;

A 65, W 64 1415, A 68 W 66 T 1500.

A small boulder or large rubble stream very sensitive to
fluctuations in air temperature. Rocks uniformly covered with a fil.
alga.

Pantosteus plebeius

Ads. scarce, in deep P. & rf.

yg. abd in small side channelds and in tails of larger P.
no fry.

Gila nigrescens

F. C., mostly in P. small ones in rf. as well.

Rhinichthys cataractae transmontanus

In rf. ripe-males.

Platygobio sp.

Large ads. in deep P., some in rf. smaller ones in pockets of rf.
ripe-eggs stripped from a partially spent F., fertilized, allowed
to harden one hour & preserved.

Redds (of this form?) (prob.)

Clear areas of pea gravel about 5-8 in. across in shallow
water (2-4 in) at tail of P, & head of rf.

C about 1/see

Rana pipiens

Sev. ads. from Chara filled, notated P.

? tadpoles from same P.

June 9, 1949

WJK49-06-09-02

Drainage Rio Grande

Locality N. M., RIO ARRIIBA CO.
Chama R. just above easter collection site,
x-ing of Hy. 96.

Date June 9, 1949

Collector WJK, K. R. Coburn

Size 100 ft. wide. ? feet deep

Condition high Fluctuation great

Temp. Air 65 Water 58 Time 1810 Weather cloudy-shower

Water W T Current mstr Bottom st, r

Vegetation abs.

Shore Cottonwood & meadow Watershed PJ

Capture Method 10' S Time 1700-1800

Dist. from shore s-15 ft. Depth 0-2 $\frac{1}{2}$ ft Orig. Pres. 10% per.

Remarks:

River high. Could only work along edges. Fish more easily caught than last time at nearby spot.

Pantosteus plebeius

In more quiet areas

Catostomus commersoni suckli

In more quiet areas

Pimephales promelas confertus

In more quiet areas

Hybognathus placatus amarus

In quiet area.

Platygobio sp.

Widely distributed except in fastest water

Rhinichthys cataractae transmontanus

Widely distributed. Only fish in water nearly too fast to seine.

September 29, 1951 #2

N.M., Rio Arriba Co., El Rito Cr., 5 miles above mouth.

June 9, 1949

WJK, KR Coheurn

Platygobio gracilis

177 yg - ads - 36-117 m SL.

124 juv - 36-56 m SL.

53 ads 77-117 SL.

tuberculata

Some few with neonius.

1 real eggs.

Gela nigreremus (G)

137 young - juv - 24-53 SL.

Catostomus commersonni suckli

24 yg - juv - 31-66 m SL.

Pantosteus plebeius (B+G)

353 yg - juv - 22-56 m SL.

Hybrid:

Pat. c. suckli x P. plebeius

1 24 m SL.

Doubt. questionable. Wrapped, in real, with P. plebeius.

Rhinichthys cataractae transmontanus Cape

63 juv - ads. 26-74 m SL.

tuberculata

Pimephales promelas confertus (G)

1 small ad 43 m SL

Hybrid Gela nigreremus x Rhinichthys c. transmontanus

1 40 m SL.

Rana pipiens Shreber

7 mos 45-78 m SL

Sept 29, 1951

N.M., Rio Arriba Co. Chama R. about
4 miles below Abiquiá (T23N R7E S)

June 9, 1949

WJK, K. R. Ceburn

Platygotis gracilis

159 yearlings to ads. 31-70 m SL.

Some tuberculate

Rhinichthys cataractae transmontanus Cope

143 yearlings to ads. 26-70 m SL.

Catostomus commersoni suckli G.

4 juv. 51-70 m SL.

Prinephales promelas confertus (G.)

3 juv. 37-42 m SL

Notropis o. sinus (Cope)

1 ad. 57 m SL.

Sila negirensis (G.)

3 juv. 40-72 m SL

Pantosteus plebeius (B+G)

1 juv. 61 m SL.
