

Adapted from
1948 notes

Sept 5, 1948. #1

Worked about the Upper San Francisco.
 Dellman Creek & Trout Creek T5S R
 dry at road crossing (reported yesterday?).
 of County maps. S.F. Creek of FS maps.
 Jenkin Creek at T4S R20W Sects 27, 28, 33, 34 dry.
 S.A. Centerville creek with water - fished also a trout.
 Seined the R. San Francisco near the
 hot spring and fox. (I failed to find the hot spring
 but prospectors indicated that it was close).
 The S.F. is used for irrigation in Luna and is
 dry below. The water is diverted for some
 distance into the hills. ~~It is dry for some~~
~~two or more miles east of the Virginia trailer.~~
 * about 10 miles below Luna T5S R19W S84

Locality N. M., CATRON CO., Jenkin Cr. of county maps. SA creek of FS maps
 Date Sept. 5, 1948 Collector WJK & Keen Rafferty, jr.
 Remarks:

Dry at T4S R20W Sects 28, 27, 33, 34,
 According to Dean Earl-USFS Ranger-this was water up higher. More
 convenient to enter from Arizona Sept. 7, 1948

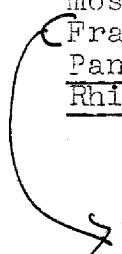
WJK48-09-05-01

Locality N. M., CATRON CO. Rio San Francisco about 10 miles below
 Luna. T5S R19W S34
 Elev. 6760 Date Sept 5, 1948 Collector WJK, Keen Rafferty, jr.
 Size mostly 10-12 ft. wide, 4-8 in deep. Five ft x 6 in to 30 ft x 2 in.
 Some few P to 3 feet.

Condition low Fluctuation great
 Temp. Air 85 Water 82 Time 1330 Weather clear
 Water CW Current m-str Bottom mostly sd, & gr., some r. & bo.
 Vegetation sparse-Ranunculus.
 Shore Canyon willow, open, Y.P. Watershed Y?P.
 Capture Method 6ft S. Time 1300-1515

Dist. from shore S-S Depth -3ft Orig. Pres. 10% F.
 Remarks: all fish saved. Mostly shallow and exposed to the sun. B.
 mostly sand, other types distinctly in the minority. Photo. Rio San
 Francisco dry at Luna.

Pantosteus all sizes in both P & rf.
Rhinichthys LARGE ONES IN RF OR AT TAGS OF RF., small ones all over
 as were Yg Pantosteus.



May 15, 1952.

N.M., Carbon Co., Rio San Francisco 10 miles
below Luna

Sept 5, 1948

WVK, Keen Rafferty, jr

Pantodon clarki

320149 - ad. 20-121 m SL

273 49 20-51 m SL.

48 juv-ad. 56-121 m SL.

Rhinichthys rubellus

1127 49 - ad. 17-68 m SL.

Rana pipiens

9 tads to ads

7 Tads 18-28 m Sn-U

2 ads 66-71 m Sn-U.

Bufo c. compactilis

15 majors 17-20 m Sn-U.

Phrynosoma douglassi hernandesi

1 juv 33 m Sn-U.

Sceloporus undulatus tristichus Cope

1 ad. 60 m Sn-U.

Cnemidophorus inornatus

1 juv 36 m Sn-U