

August 22, 1947.

Examined waters S. of Roswell. Also revisited  
Figure-8 lake - Cyprinodon was spawning.

Started for the upper end of the Rio Felix.  
collected a rattler DOR on Hwy 13 near T19SR23 E S 6

Crotalus v. viridis

Prairie Rattler DOR, Elev. 4100, 9 mis. S., R. Felix on #13.

Drainage Pecos Locality N.M., Chaves Co., Roswell,  
Bottomless lakes, Figure 8 Lake.

Elev. Date Aug. 22, 1947 Collector W.J. Koster  
Temperature, Air 85 Water 80 Time 1545 Weather Pt. Cloudy

Cyprinodon bovinus subsp.  
spawning

Photo--Sacaton grass

Sacaton grass and mesquite

Sacaton grass, light and mod. gray

Sacaton grass, mesquite heavily gr.

Photo--Pecos of Hagerman.

WJK47-08-22-01

Drainage Pecos

Locality N.M., Chaves Co., Pecos R.  
at Lake Arthur

Elev. 3160 Date Aug. 22, 1947 Collector W.J.K., G. Mertz  
Size Small 4-75 ft. wide, P & R; P-6 ft. deep, one rf--4 ftx 1 in.  
Temp. Air 80 Water 76 Time 1030 Water CLB Current st-m  
Bottom st, br. Vegetation none Weather clear  
Shore Tamarisk Watershed Mesquite, grass  
capture method 6-10' S Time 930-1030  
Dist. from shore S-S Depth 0-3' Orig. Pres. 10% F

Remarks:

Nearly dry at bridge. Sev. very deep pools  $\frac{1}{2}$  mile above bridge  
not worked. Smaller pools and riffles worked.

Obviously cleaned out by local fishermen, angling & for bait.

Cyprinus carpio DOS

Lepisosteus platostomus DOS

Ictalurus lacustris punctatus DOS

Several dead in bo & br rf, as it refused to leave it.

one Buffalo skull found in rocky riffle  $\frac{3}{8}$  mile above bridge.

Changed altimeter +200 ft. at a Bench mark near Hagerman.

Photo--upstream.

Carp, Gar, Channel cat DOS. All fish in shallow, silt-bottomed  
pools. No other choice except deep holes which were not seined.

May 7, 1952.

N.M., Chores Co., Pecos R. at Lake Arthur  
Aug. 22, 1947

W.S.K. & G.M.

Dambusia a. affinis (C.)

# 302

Lucania parva

4983

Fundulus g. adina zebrinus (J. & L.)

Pomoxis nigromaculatus

Pomoxis annularis

144-37 in 2L.

Hypognathus platyamara

Lepomis macrochirus

Notropis lutrensis

N. femigatus

N. sp. ---

Extraneus australis stultus

Carpododes carpio elongatus

144-16-24 in 2 phy? 6

Quill

(C. 1947)  
N.M. Chores Co.  
Pecos R.  
Lake Arthur