

August 13, 1947

Seined the Pecos R. where the El Paso Nat. Gas line crosses the river.

Also seined Delaware creek at the road crossing.

Both places worked as thoroughly as possible without setting lines for cat-fish in the Pecos.

Salt Draw dry near mouth

WJK47-08-13-01 Drainage Pecos

Locality N.M., Eddy co.

Pecos R. at crossing at El Paso Natural Gas Line (T2 6S, R29E, S8).  
Elev. 2250 Date Aug. 13, 1947 Collector W.J.K., G. Mertz  
Size P & Rf. 125 ft. wide, P-5 ft, Rf.-18 in. deep

Condition N. Fluctuation Mod.

Temp. Air 94 Water 86 Time 1300 Weather Shower to clear.

Water W S T Current msl-str Bottom P-st, sd., Rf. br, bo.

Vegetation none

Shore Tamarisk Watershed Des. Shr., Acacia Larrea, Prosopis  
Capture Method 6, 10, 25 N. S. Time 800-1300

Dist. from shore S-S Depth -4 ft. Orig. Pres. 10% F.

Remarks:

Fish scarce, all saved except one Cyprinus carpio.

Seined rather thoroughly, yet the catch was poor.

The Pecos at this point is a gentle river with large slow, silt-bottomed pools and relatively short, undeveloped riffles of bedrock with some rubble. The riffles were remarkably barren.

Two photos--one up, one downstream.

✓ Lepisosteus platostomus

Rare--in pools. Not seen surfacing

✓ Sucker

Rare. One just under bank, current moderately strong.

One adult in deep pool, current stagnant. (In a good place for a catfish, near boulder.)

✓ Carpioles carpio elongatus  
F.C.

Cyprinus carpio

R. two released.

✓ Extrarius australis sterletus  
R. 1' in riffle.

✓ Notropis lutrensis  
C. All over--some few in breeding color

August 13, 1947 #2

- ✓ Notropis ? deliciosus  
R.
- ✓ Pimephales promelas confertus  
F.C. in Pools.
- ✓ (Astyanax fasciatus mexicanus)  
R. Believe one was taken.
- ✓ Gambusia a. affinis  
C. in Backwaters.
- ✓ Plancterus zebra ♂  
R.
- ✓ Huro salmoides ~~longipinnis~~
- ✓ Lepomis cyanellus
- ✓ Lepomis megalotis
- ✓ Dorosoma cepedianum
- ✓ Ictalurus punctatus  
R.
- ✓ Poecilichthys coeruleus  
R.

WJK47-08-13-02

Drainage Pecos Locality N.M., Eddy Co.  
Delaware River at Hiway 285 (T26 S R 28E Sect 23)  
Elev. 3100 Date Aug. 13, 1947 Collector W.J.K., G. Mertz  
Size 4 isolated pools--30x30 ft, 20x4 ft., 75x20 ft., 18x6 in.  
Condition Low Fluctuation Great  
Temp. Air 96 Water 84 Time 1625 Weather Clear  
Water WST Current St. Bottom st, gr.  
Vegetation None  
Shore Tamarisk Watershed Desert shrub  
Capture method 6-10 ' s. Time 1530--1730  
Dist. from shore S-S Depth -4 ft. Orig. Pres. 10% F.

Remarks:

All fish saved.

A nearly dry stream consisting of 4 pools, one nearly dry with its fish dying, another small, but fish in good condition, remaining ones good for some time yet.

two photos--of P containing most fish.

One soft shell lost.

Notropis lutrensis  
C.

Notropis ? deliciosus  
1 taken--R.

August 13, 1947 #3

Pimephales ?

Abd. Looks like Hyborhynchus or some other form. (Oliola)

Astyanax fasciatus mexicanus

Fairly common in 2 deeper holes.

Plancterus zebra

Many dying in a small hole, nearly dry.

Lepomis cyanellus

Lepomis megalotis

Ictalurus punctatus

F.C.

Hyla

Abd.

Rana

Common. Only small ones today. Yesterday several larger ones were seen as I examined the area.

Amyda

one 4" lost.

October 16, 1951 #1.

N.M., Eddy Co., Delaware Creek at Ky 285.  
T26S R28E S23

Aug 13, 1947

W. J. Koester, C. Neitz.

Fundulus zebra (G)

161 gg-ad. 13-45 m.s.h.

Lctalurus lacustris luisis (G)

4 gg 71-103 m.s.h.

Astyanax fuscatus mexicanus (Ellipps)

43 gg-juv. - 17-44 m.s.h.

Lepomis megalotis aguileinus

14 juv-ads. 43-84 m.s.h.

Oct. 16, 1951 #3

Delaware Cr. at Hwy 205. T 205, R 28E S 23  
Aug. 13, 1947 (cont.)

Natropis d. delicious (G).  
3 21-26 m SL

Prinophryne promelas confertus (G).  
1589 gg-ads. 23-55 m SL.

Natropis l. luteus (B & G)

182 gg - small ad or juv. 17-36 m SL.

Lepomis macrochirus Raf.

1 59 m SL.

Lepomis cyanellus Raf.

55 gg - ad.

53 gg - 16-24 m SL.

2 juv-ad. 62-84 mm.

Dicoda e. episcopa G.

4 juv. 28-34 m SL.

Rana pipiens Shreber

4 2 immatures. 34-46 m SNL

2 tad. 26-29 m SNL.

Aris gyllenae capitatus B

17 immatures 13-26 m SNL

November 17, 1951.

N.M., Eddy Co., Pecos R. at crossing of  
El Paso Natural Gas Line (T26S R29E S8)

Aug 13, 1947

W.H., & Marty.

✓ Extramia australis stirletus (Cope).

4 small ad. 37-42 m SL.

✓ Notropis d. delirious (D.)

2 ad. 40-41 m SL.

✓ Fundulus zebra ♂.

1 juv. 30 m SL.

Poeciliichthys lepidus (B&G)

7 juv. 21-24 m SL.

✓ Notropis l. lutrensis

4♀ yg-ad. 11-42 m SL

Lepisorhynchus osseus  
some tuberculate. Some yg wrapped separately.

2 ♂ 18-29 in SL.

Cyclopterus elongatus

2 yg-ad

1 yg 88 m SL.

1 ad ♂ 500 m SL.

Mr. 17, 51 #2

T 36 S, R 29 E, S 8, Aug. 13, '47 (cont.)

Carpioles c. elongatus Meek.

♂ - juv - ad.

7 ♀ juv - 43-71 m sc.

1 ad - 250 m sc.

Dorosoma cepedianum

21 ♀ - ad.

19 ♀ 16-22 m sc. - wrapped separately

2 ad. 175-300 m sc.

✓ Lepomis cyanellus Raf.

, juv. 72 m sc.

Lepomis macrochirus Raf.

2 juv. 65-70 m sc.

Lepomis megalotis aguensis

10 juv - ad 30-85 m sc.

Ictalurus lacustris punctatus (Raf.)

1 ♀ 63 m sc.

Micropodus s. salmoides (Lacépède)

2 juv. 58-100 m sc.

Mr 17, 51 #3

T26 S, R29 E, S 8 Aug 13, 47 (cont.)

Pomphales grammis confertus

80 ♀♀-ad. 18-47

1 tuberculate

✓ Gambusia a. affinis

44 ♀♀-ad.