August 19, 1947.

Toured the Pecos R. semi. W. of Carlsbad.

The change in the river below and above Carlsbad is amazing. Below the town the river is large in width, depth and volume. Above the town the flow is small connecting some moderately deep pools. The stream below is divided into series of pools. About one half mile above the point where we reached the river bed was completely dry. It is also dry below Pecos dam.

The regions below Carlsbad down to the border is a region of large pools, often four feet deep over large areas but sometimes deepened and of much shorter ripples. The ripples are usually of bedrock or of such a nature that they are not productive.

Served the Black Pecos 47.24 S 227.6 W.

This is a river with many large deep pools and short ripples. The ripples mostly of bedrock. The water is grayish until all the way from the source to the mouth. This turbidity precludes the development of vegetation except in the shallow ripples.
Drainage: Pecos
Locality: N.M., Eddy Co., Black R. at T24S, R27E, Sect. 9

Elev. 3140 Date Aug. 19, 1947 Collector: W.J.K., C. Mertz
Size: 10-70 ft. w. - 6 ft. d. Pools large & deep, riffles mostly broken into small channels. Condition: N. Fluctuation: Sl.
Water W ST Current: M-str Bottom: bo Vegetation: Abl. in rf., none in P--too turbid
Shore: Mesquite Watershed: Mesquite--D gr.
Capture method: 6-10 ft. S. Time: 1600-1700
Dist. from shore: S-S Depth: 5 ft. Orig. Pros.: 10% F

Remarks:
- Used for irrigation.
- Posted about Black R. Village
- Whenever observed, the water is grayish, colored from some suspended matter or other.
- Photo: downstream.

Notropis lutrensis in rf.
Ictalurus leucatus punctatus in rf.

Hugo salmoideus in P. at tail of rf.

Lepomis cyanellus edges of rf. under bank.

L. megalotis in tail of rf. in P, shelter of boulder
L. macrochirus in tail of rf. in P, shelter of boulder

Drainage: Pecos
Locality: N.M., Eddy Co., Pecos R, 3 mi. N.W. of Carlsbad

Elev. 2960 Date Aug. 19, 1947 Collector: W.J.K., C. Mertz
Size: 4 ft x 12 in. - 50 ft x 5 ft. Condition: N. Fluctuation: Sl.
Water: CW Current: sl-m Bottom: bo, st, br.
Vegetation: abd. Choracar.
Shore: Sedgos, Tamarisk Watershed: Mesquite, Coctilo
Capture method: 6, 10 ft. S. Time: 730--1130
Dist. from shore: S-S Depth: 5 ft. Orig. Pros.: 10% F

Remarks:
- Flow very small--brook-like
- Pools large in area, some deep, others shallow
- No flow 1/2 mile above

Notropis lutrensis
Notropis deliciousus ?? In shallow quiet pools.

Astyanax Yg. scattered, largest came from beneath a ledge in nearly four feet of water along with several curtrachids.

Hugo salmoideus
Lepomis megalotis
L. cyanellus
L. macrochirus

Cymbasie In shallows off pools and riffles.
Oct. 27, 1951.

R. M. Eddy Co.


W. J. K. E. Herig.

Potamis d. deliciosus

1/17 99- ad. 17-51 m sl.

Fundulus geber (6)

31 99- ad. 17-50 m sl.

Notograpta fasciatus mexicanus

28 99- ad. 19-76 m sl.

Mesorhins s. salinus

3 99 55-74 m sl.

Pleurichthys lipidus (B+6)

13 jur- ad. 26-43 m sl.

Potamis s. lutrensis (B+6)

32 99- ad. 18-45 m sl.

Diodia e. episcopa 6
October 27, 1957

Pecos 3 mi. N.W. of Carlsbad.

Aug. 19, 47. (cont.)

**Characodipterus coronarius Bartram**
2 small ad or yr. 8-2 m SL.

**Lamparia parva remusta** 6.
173 yr. od. 12-34 m SL.

**Gasterurina affine saxirosa** 6.
429 yr. od. 10-38 m SL.

**Lepomis macrochirus Raf**
12 juv. 42-65 m SL.

**Lepomis cyanellus Raf**
30 yr. ad. 20-120 m SL.

**Acris grunellus crupitans B**
4 3 tad. 12-15 m SL [6].
1 nymph. 16 m SL [6].
May 23, 1952

K. H. Eddy & Black K. of T34S R27E, Sect.9

Aug. 19, 1947

W.K. C. Mertz

Natalis 1. lateralis (B:66)
3 yr-od. 19-m M.S.

Lateralis larveus lateralis (6)
3 yr. 15-60 m.S.

Meroptinis punctulatus (R.)
1 yr. 77 m.sc.

Lepetitis vaginellus Rof.
3 small ad. 66-75 m.S.

Lepetitis megalotis aquilinis
3 perv. m.ad. 68-70 m.sc.

1 Lepetitis macrolepis
1 yr. ad. 81-98 m.sc.