

November 3, 1951

v. M., Eddy Co., Flora Draw.

~~July~~ Aug. 14, 1947

W & K, G. Merly.

Acris gyfflus eripitans B.
1 imago 15m SW-V.

Micropterus s. salmoides (Lacépède)

64 yg-ad.

62 yg 37-47 m SW

2 ads. 153-190 m SW.

Natropis l. lutrensis (B+G).

48 ads. + juv. 31-50m SW.

Some tuberculate.

A nice series

* Lepomis cyaneus Raf.

3 juv - 55-83 m SW.

* Lepomis macrochirus Raf.

4 juv - 63-87 m SW.

* Hybrid Lepomis cyaneus x L. macrochirus

6 72-100 m SW.

* Lepomis young

140 8-38 m SW.

* Filed together. Apparently is a hybrid swarm and
needs careful analysis

August 14, 1947

Collected two lizard both fairly close to Red Bluff (even though the mileage between is 5 ~~mi~~)

Cnemidophorus Mileage. 2424 to elev. 2930.

Desert Shrub - Mesquite.

Do. Mileage - ^{24/29} ~~29240 2920~~

D.Sh. mostly acacia

Searched the Pecos at Red Bluff. & an isolated pool in Flora Draw.

Camped near Malaga.

WJK47-08-14-01

Drainage Pecos Locality N.M., Eddy Co.
Pecos R. at Red Bluff (T26S, R29E, S8)
Elev. 2975 Date Aug. 14, 1947 Collector W.J.K., G. Mertz
Size Rf. 100, P150-200 ft. wide, Pools 6 ft. deep, Rf. 6 in. deep
Condition N Fluctuation Mod.
Temp. Air 92 Water 83 Time 1245 Weather Cl--Pt. Clo.
Water W S T Current sl-str Bottom st, bo.; brin rf.
Vegetation Sparse--Characeae, Potamogeton.
Shore Tamarisk, Distichlis Watershed Des. Shr., Mesquite,
Acacia, Larrea
Capture Method 6 - 10' Seine Time 1015--1245
Dist. from shore -75 f. Depth -5 ft. Orig. Pres. 10% F.
Remarks: (Viats--Wards)

Fish very scarce.

Uprooted Eleocharis floating in the water yesterday and today. Indicates rising water level above in general. This area seems to be rather constant except for extreme floods.

Photo upstr. Typical P & l rf in background.

Lepisostus--Sev. seen earlier; none taken.

C. carpio--Jumping. 1 D O Shore

Carpionodes carpio elongatus--R. near rif.

N. l. lutrensis--Only C fish in rf. and P. Some in breeding color.

Pimephales--C.

Lepomis--in or near rf. except largest which was in a deep backwater.

Gambusia--in shallow edges of pools.

Plancterus--in shallow edges of pools.

August 14, 1947 #2

P. copruleus--some in breeding color. (Some pres. in Wards Preservative)

Catfish--24" \pm long D O Shore. Anal fin saved. Adipose free, lower jaw projecting. Poor condition.

Amyda emoryi--one seen.

WJK47-08-14-02

Drainage Pecos Locality N.M.; Eddy Co., Flora Draw
 Elev. 3000 Date Aug. 14, 1947 Collector W.J.K., G. Mertz
 Size Pool $\frac{1}{4}$ mile long, 20 ft. wide, 30 in. deep.
 Condition low Fluctuation 3 ft. mod. great.
 Temp. Air 93 Water 87 Time 1530 Weather Pt. Cl.
 Water W C-T Current st Bottom mk
 Vegetation Abd. Algae Characeae & mk filamentous.
 Shore Baccharis Watershed Mesquite
 Capture Method 6 - 10 ft. s. Time 1330-1530
 Dist. from shore S-S Depth -30 in. Orig. Pres. 10% F.
 Remarks: An isolated pool in an otherwise dry draw
 one photo.

Micropterus *lepomis* yg.
Small bass and sunfish were abundant.

3 redds? , unoccupied, Bgs. were seen.

4 very large carp 20-30" released

Moxostoma--Greenish; brass~~is~~ above, fins somewhat saffron (yellowish with a pinkish tinge) Interradial membrane, blackish.