October 29, 1944

Had rain last night but it was nice today. The

firm didn't decent weather that we have had. The

rains has lasted slightly since yesterday. We made

several collections although we did not get a

great many fish.

Dona Anza Co, Drainage canal 2 miles N.W. of

Anthony, eight feet wide and one foot deep bordered by

cattails with cattail in the background. Bottom much

current moderate, no vegetation on bottom. 8-75-2

with six and ten feet reed. A 68 064 at 9 MST.

Clun 3700 PA. The bottom had a mud-hole some in places

Cypilius carpioi 2 men - large. Photo

Leamis nigralis - short.

WJK44-10-29-01

Rio Grande at bridge 3 miles N.W. of Anthony.

Clun 3700. A 75 W 70. 2:10 PMST. About 50 feet wide

and up to 40 more feet deep. Bottom sand and some

mud, current moderate to strong. Aquatic growth

of alga in places on bottom, cattails along shore.

Water white, somewhat turbid. 2 Photos.

6 and 10 feet reed from 9:75 to 2:10 PMST. covered with

Ducks. Dragonflies were unusually common.
October 29, 1944 #2

Primarily a catfish stream although none were taken here. A scarcity of deep holes is probably a limiting factor. Possibly some type of barrier could be erected that would allow small deep holes and yet not interfere with the use of fish in a significant fashion. A few largemouth bass probably make their homes in the larger holes.

Riffles were very barren of fish except for Etheostoma which had about two were taken. Dorosoma was found near the back of riffles in the pools below and bars. All other fish were taken from quiet waters. The most productive areas were rattle deep pools along where there was a small flow entering and leaving. Only Gambelia was found in completely isolated waters.

Small

Served a very short drain that emptied into the Rio Grande about 3½ miles NW of Anthony, Dona Ana Co.

We used the rip foot seine for about 20 minutes. #23 W 6 4, 3:00 PM. ST. Bottom sand and mud. Current slow. No vegetation. Shore - cat-tail marsh. Water clear white. 9½ ft wide and 5½ deep in pools, 1½ wide and ½ inch deep in riffles.

Gambelia is now abundant, but

Dorosoma ephemerrau escaped
October 29, 1944

Saw a large drain just above the place where the stream takes a sharp bend. The stream twists and turns a couple of hundred feet north of the 10 and 35 feet areas. Had relatively little luck here. Bottom sand and silt, current moderately strong to strong, with 15-20 feet depth up to 4 feet. Some catfish. 3-4 PM . M . 66 at 3:55 PM. Clr. 3700.

Dowrunia - 12 caught.

Plote 4 drain.