

August 26, 1949

Seined Duck creek which is dry almost its entire length and the Gila at two places, 11 miles below Cliff and 5 miles below Cliff. The first was thoroughly seined, the latter not especially.

Drainage Gila WJK49-08-26-01 Locality N. M., GRANT CO.  
Duck Cr. 1 1/2 mi. Above Cliff.  
Elev. 4450 Date Aug. 26, 1949 Collector WJK, K. R. Coburn  
Size P 5-7 ft x 4-8 in deep rf 3 in x 1 in.  
Condition low Fluctuation great  
Temp. Air 76 Water 72 Time 845  
Water CW Current m-str. Bottom st  
Vegetation none  
Shore Willow & cult Watershed desert grassland.  
Capture Method 6 ft S Time 845-905  
Dist. from shore s-s Depth -80 in Orig. Pres. 10% F

Remarks:

Stream mostly dry. At this point is composed of a series of small P connected by a trickle. Bottom of fine, soft silt.

Agosia

Rana

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Drainage Gila WJK49-08-26-03 Locality N. M. GRANT CO.  
Gila R. 5 mi. below cliff.  
Elev. 4470 Date Aug. 26, 1949 Collector WJK, K. R. Coburn  
Size 20 ft. x 3 ft - 60 ft x 1 ft, Mostly 40 ft x 1 ft.  
Condition low Fluctuation great  
Temp. Air 92 Water 84 Time 1615 Weather pt cloudy  
Water WST Current m-str Bottom sd, gr some r.  
Vegetation sparse growth of algae  
Shore desert canyon Watershed desert grassland, mesquite, oak  
Capture Method 6 & 10 ft S Time 1515-1615  
Dist. from shore s-s Depth -4 ft Orig. Pres 10% F

Remarks:

Not fished intensively except for cats. Seined about 5 likely places.

Catostomus  
In P & rf.

Pantosteus  
In P. & rf.

Agosia  
In P & rf.

Meda  
In P. & rf.

Tiaroga  
L from P, 3 ft deep.

#2

Aug. 26, 1949

Continued

Gila R. .5 mi. below cliff. N. M., GRANT CO.

WJK, K. R. Coburn

Gila

Deep P.

Amyda

1 escaped.

Drainage Gila

WJK49-08-26-02

Locality N. M., GRANT CO.

Gila R. about 11 miles below cliff.

Elev. 4375

Date Aug. 26, 1949

Collector WJK, K. R. Coburn

Size 30-60 ft wide, 4 in to 4 ft deep. Mostly 40 ft wide 1 ft deep  
16 cfs. Condition low Fluctuation great

Temp. Air 87 Water 76 Time 1000 Weather clear

Water WST Current m-str Bottom sd in P, r in rf., some silt  
Vegetation none

Shore Canyon oak cult

Watershed Desert grassland, mesquite & oak

Capture Method 6 & 10 ft Seine Time 9000-15000

Dist. 2 from shore s-s

Depth -4 ft Orig. Pres. 10%

Remarks:

Pools and rf. nicely distributed.

Only one cat was taken. More should have been as several  
nice holes were fished.

Local people give vague indications of 2 kinds of cats here.

Catostomus

Abd in both P & rf. large ones mostly in deepest water, juv in  
shallow portions of P.

Pantosteus

C. large in deepest P., smaller in rf and shallow P.

Gila

Rare. yg. in rf.

Meda

Abd.; in P & rf; seems to stay near surface in rf.

Ictalurus

R. in deep hole

Agosia

FC in P & rf.

Tiaroga

R. rubble rf.



November 17, 1949 #2

N. M. Grand Co., Cila R. 5 miles below Cliff.

Aug. 26, 1949

A. V. K., K. R. Cobern.

Catantonus iniquus B & G.

12 yg - ad.

6 yg - 38-42 mm SL.

6 ads @ 145-270 mm SL.

Pantosteus clarkii (B & G)

15 yg - ads.

3 yg 40-46 mm SL.

12 juv - ads. 77-200 mm SL.

Cela r. robusta B & G

4 yg 29-47 mm SL.

Agoria c. chrysogaster G

4 yg - ad. 24-52 mm S.L.

1 ~~test~~ tuberculata

Tiaroga cohitis G.

1 yg 30 mm SL.

Meda fulgida G.

45 yg - ad - 26-50 mm S.L.

Bufo cognatus (Say)

1 imago 57 mm Sn-V.

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May 15, 1952

<sup>Grant</sup>  
N.M., Carbon Co., Duck creek 1 1/2 miles  
above Cliff,

Aug. 26, 1949 W.V.K., K.R. Coburn

Agoria a. chupozartia

32 ~~yr.~~ yr. 21-43 m SL.

Catostomus uniguis

6 yr 27-35 m SL.

Rana pipiens

13 tods 15-23 m SL.

February 21, 1950 #2.

V.M. Grant Co., Gila R. about 11 miles below Cliff.

Aug. 26, 1949

W. J. K., K. R. Colburn.

Meda fulgida G.

654 yg-ad 18-55 m SL.

Agoniacchyaogaster G.

59 jūr-ad. 25-58 m SL.

Some nicely tuberculate

Gila r. robusta B & B.

11 yg- 33-49 m SL.

Tiaroga celtis G.

4 jūr. 27-38 m SL.

Pantosteus clarkii (B & B)

44<sup>3</sup> yg-ad.

37 jūr-ads. 69-170 m SL.

7<sup>2</sup> yg 27-41 m SL.

a fine series.

Catostomus insignis B & B

152 yg-ad.

91 jūr-ads. 65-180 m SL.

101 yg 31-52 m SL.

Unwrapped in 2 pkgs.

Setalurus lauritis punctatus (Raf.)

3 jūr-ad. 120-200 m SL.

ident? Check largest in particular

Bufo cognatus (Say)

4 imagoes 25-35 m SL.