

August 23, 1949 #4

Searched the Gila R. about 1 mile E of the
Arizona border, about three miles SE of Urdun
and then moved to Red Rock, collecting some
tadpoles # 10 mi N.W. of Lordsburg.

WJK49-08-23-01

Drainage Gila

Locality N. M., HIDALGO CO.

Gila R. 1 mi. E of Arizona border T18S 21W S32.

Elev. 3620

Date Aug. 23, 1949

Collector WJK, K. R. Coburn

Size 10-75 ft wide -2 feet deep. Mostly 30 ft x 8 in in P. 15 ft x 1 in
in in rf. Condition low Fluctuation very great

Temp. Air 80 Water 82 Time 1110 Weather clear

Water WT Current m-mstr Bottom sd, gr, some st above diversion dam

Vegetation abs.

Shore Willows, cult

Watershed creosote bush

Capture Method 6 & 12 ft S.

Time 9-11

Dist. from shore s-s-

Depth -2 ft

Orig. Pres. 10%F

Remarks:

At this point the Gila resembles a creek or small river of the
midwest in appearance, being bordered by tall trees and being somewhat
silty and full of bars.

Bottom almost entirely sand and gravel.

About 1/2 of the water is diverted here.

Pantosteus

SOME yg. in deeper P. rare.

Catostomus

F. C. in deeper P.

Agosia

Abd. everywhere

Ameiurus natalis

Deeper P under banks.

A. melas

Deeper P under banks.

Ictalurus

Deeper P under banks.

Pilodictus

dead in a pocket in dam. Not saved.

?Gila

In a deep pool.

Bufo

ONshore.

#2
Aug. 23, 1949 #5
Drainage Gila

WJK49-08-23-02

Gila R. 3 mi. SE of Virden T19S R20W S18
Locality N. M., HIDALGO CO.
Elev. 3800 Date Aug. 23, 1949 Collector WJK, K. R. Coburn
Size 10-50 ft wide, 1-24 in. deep, mostly 20 ft wide, 4-6 in in P.,
rf. 15 ft x 1 in. Condition low Fluctuation very great
Temp. Air 87 Water 96 ✓ Time 1400 Weather clear
Water WST Current m-mstr Bottom sd, gr, little r.
Vegetation none
Shore Arroyo, cult Watershed creosote bush, deser
Capture Method 6 & 12 ft S, fry net Time 1315-1500
Dist. from shore s-s Depth -2 ft Orig. Pres. 10%F
Remarks:

At this the Gila resembles a creek; is rather barren without decent pools, shelter or cover. The stream is mostly shallow pools separated by small gravelly riffles.

Catostomus

In P except 1 in a rf.

Catfish in P.

Agosia

Abd in P & rf.

redds but no fry.

Patch of redd: 20 ft x 2 ft, -5 cm. deep, at head and side of bar, sand. A few are scattered in bay essentially at the head of a bar.

Patch 6 ft x 2 ft exposed on a sand bar.

A patch of 10 on anterior side of a bar-4 in deep- sand.

13 were in a sandy area between a bar and shore.

Patch of sand with redd. Area about sand is gravel.

shore

Roadside pond 10 mi. NW of Lordsburg
Locality N. M., HIDALGO CO.
WJK, K. R. Coburn

Aug. 23, 1949

Remarks:

Mesquite flats locally, other area about desert grassland with Yucca elota. Probably no permanent water for ten miles in any direction.

✓
November 2, 1949

✓ N.M. Grant Co., Mangas Cr. about 10 mi. N. of Silver City.
T18S, R16W S23

Aug. 30, 1949

W. J. K., K. R. Coburn

Catantonus iniguis B & G.

5 ♀♀ 43-51 mm SL

Agoria c. chrysogaster G.

37 half grown to ads. 33-62 mm SL

✓ N.M., Hidalgo Co., Gila R. 3 mi. SE of Lordsburg

T19S R20 W S18

Aug. 23, 1949

W. J. K., K. R. Coburn

Catantonus iniguis B & G.

2 ♀♀ 31-39 mm SL

Agoria c. chrysogaster G.

213 eggs - ads.

10 eggs

203 half grown - ads. 21-40 mm SL

✓ Ictalus laevis pennatus (Raf.)

6 young 26-45 mm SL

October 26, 1949

N.M., Hidalgo Co., Gila R 1 mi. E. of Arizona border
T18S, R21W S32

Aug. 23, 1949

A. J. K., K. R. Colburn.

Agoria c. chrysoaster G

560 juv to ads. 19-62 m SL.

2 juv tuberculata, some at a ~~small~~ relatively
small size.

Gila robusta J.

199 38 m SL.

Mida fulgida G

1 ad? 37 m SL.

Cyprinus ~~cyprinus~~ L.

1 yg 62 m SL.

Catostomus unignis

7 yg-ad.

6 yg-juv 34-74 m SL

1 small ad. 143 m SL.

Pantosteus clarkii

10 yg 31-48 m SL.

October 29, 1949 #2

Gila 1 mile above Arizona border (cont.)

Aug 23, 1949.

Ameiurus natalis

3 yg. 50-69 mm SL.

Ameiurus melas

3 yg. 41-43 mm SL.

Ictalurus laevis punctatus (Raf)

26 ♂ yg - half grown.

25 yg - 30-52 mm SL.

1 half-grown 135 mm SL.

Bufo compactilis

8 unages

29-50 mm ~~SL~~. Sn-U

Cremidophorus gularis octolineatus

1 yg 46 mm Sn-U.