August 25, 1949

Picked up a bull snake in the Burns Mts. in Oak Juniper (V. quercifolia). Ehr. 5730
T 14500 R 16 W S 5.

At a bench mark 5190 the altimeter read 5060.

Served the bila at cliff all afternoon. Spent the morning travelling and getting a flat.
Aug. 25, 1949
Drainage Gila

Gila Nat. Cliffs

Locality N. M., GRANT CO.

Collector WJK, K. R. Coburn

Elev. 4,400 Date Aug. 25, 1949

Size 30-70 ft. wide, 4 ft deep. Mostly 50 ft. x 12 in. Flow 10 cfs.

Condition low Fluctuation great

Temp. Air 64 Water 73 Time 1500 Weather cloudy

Water Ws-st Current m-str Bottom mostly sand & gr. in P., rf., r & gr

Vegetation sparse growth of algae

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Shore willows, cult

Shore Willow, cult

Capture Method 6 & 12 ft. s

Dist. from shore s-s

Remarks:

Capture Method 6 & 12 ft. s

Dist. from shore s-s

Remarks:

Flow 45 ft wide, depth 10, 16, 14, 10, 7, 6, 5, 6; 65 secs

for 50 ft.

Seined several fine "catfish" holes but secured none.

Catostomus

Abd. small ads. or juv. widespread through pools near shelter and

in deep P. Yg. in shallow P. Largest weighed 3/4 lb.

Panosteus

C. ad in rf toward dust. In deeper P. Yg. in rf. & shallow P.

Meda

C.in P at end of rf. Yg. often in shallow gravelly P.

Agosia

F. C. in rf. & P.

Gila

F. In deep swift marginal P. where a rf cut under a bank to form

a long P. Largest weighed 5/8 lb.

Tiaroga

F. C. in rubble riffles.
April 6, 1950.
25 Jv, R. Paulson.

*Cacostomus* incognit 876.

114 yg-ad. 20-295 m sh.

76 half grown; adult 73-295 m sh.

35 yq 31-51 m sh.
1 yq 28 m sh.

a more series.

*Pantostomus* clarkii 876.

67 yg-ad. 33-285 m.

62 jvr-ad. 80-285 m sh.

5 yq 33-43 m sh.

*Sile* sp. robusta 876.

8 yq-ad
3 ad. 250-355 m sh.

3 jvr. 100-133 m sh.
2 yq. 37-42 m sh.

*Veda fulgida* 8.

120 yq-ad. 23-67 m sh.

*Tragocephalites* 8.

29 yq-ad. 28-55 m sh.

*Aegora* sp. hypogaster 8.

62 ad. 23-59 m sh.

21 ad. 47-59 m sh. Some tuberculate

41 yq (jv) 23-59 m sh.

*Bifur* cognitae (Say)

10 yq-ad. 22-43 m sh.
Orthophic sutorifer
1 about 1250 mm.

Inclined to consider this P. e. sayi, well
over range indicated in Klauber's revision.
Posterior is high, anterior metatlabial scales are dark
anteriorly, light posteriorly. Median and lateral
patches are fused as in desiderata!