

June 8, 1948

WJK48-06-08-01

Muwannee.

G Temperature of stream about 75 feet above mouth A74, W 80, T 930
Gila chasing females about.

G The lowermost portion of the stream has been flooded by the Rio San Jose. The weedbeds where Gila was seen spawning have been nearly completely silted over so that only a small portion of the tips of the plants are exposed. Later in the day the Rio San Jose again rose in flood, not quite as high but the silt load was enormous. All eggs in these weed beds will unquestionably be lost.

2 The specimens in vial no. 1 were collected in a patch of Zannichellia which ~~form~~ formed a small riffle, current moderate, depth about 7 cm. - Taken a short distance above mouth.

G 1015 about half way up the stream; W 68 Gila definitely not interested in spawning.

Ca Two Cnemidophorus were started from near the edge of the stream, they seemed to be chase together.

G A Thamnophis eques entered a pool, swimming along the surface, and frightened the Gila beneath.

G 1030 fifty feet below the preceding. Several 2-3 inch Gila are feeding ~~in~~ in a gravelly riffle, the larger ones are feeding and also lying quiescent in the pools.

GRP vial no. 2 Taken from quiet weedy backwaters with some open spaces about one third way up stream.

GRP Vial no. 3. Taken from a Zannichellia patch nearly half way up stream which formed a small riffle.

GRP Vial no. 4. Taken from the edge of a deep pool where the adult ~~Gila~~ Gila in the collection were taken, about half way up stream.

G Breeding color: The adult males have a small spot of color in the axil, groin, and a slight indication of color at the rictus and at the base of the anal fin.