June 8, 1948

Guwannee.

Temperature of stream about 75 feet above mouth 174, T 80, N 220
Gila chasing females about.

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.

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

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

Two Cheirolebias were started from near the edge of the
stream, they seemed to be close together.

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

1020 fifty feet below the preceding. Several 2-3 inch Gila are
feeding in a gravelly riffle, the larger ones are feeding and
also lying quiescent in the pools.

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

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

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

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.