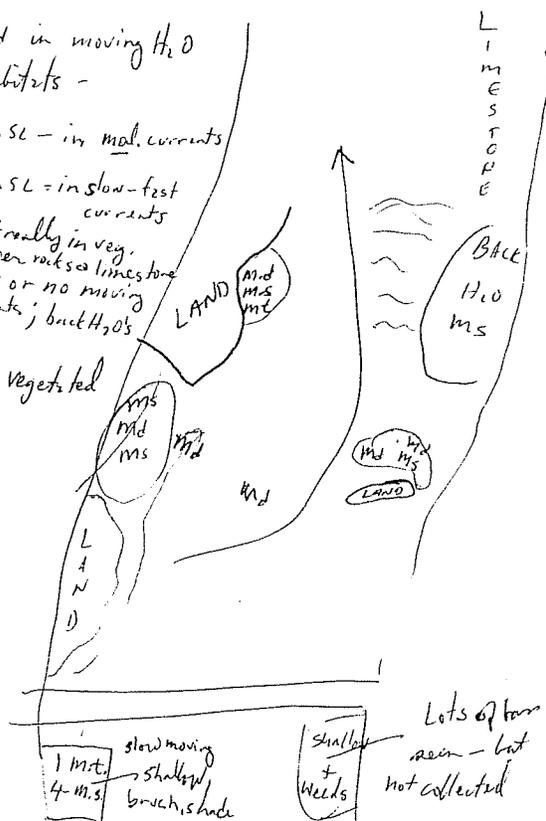


State or County: _____ Field No. _____
 County: Comal Map: _____, 1_____
 Locality: Hualco Springs Xing - GUADALUPE R. BELOW CANYON RES.
 _____ Lat. _____ N., Long. _____ W.
 Water: clear
 Vegetation: Sparses - cacti/s in backwaters - some algae (mostly browns)
 Bottom: limestone + rocks
 Cover: tree limbs Temp: ~75°F - 80°F (24°C - 27°C)
 Shore: Bull grass / willow etc Current: slow - fast
 Dist. offshore: to center Stream width: ~100m
 Depth of capture: to 0.3m Depth of water: to 1+m
 Collected by: _____
 Tide: _____ Date: 6/25/78
 Method of capture: 15' e.s.s. (nylon)
 Orig. preserv.: _____ Time: 1030-1210

Sp. List (11)

- C. anomalum*
- N. lutrensic*
- N. vanuxemi*
- N. amabilis*
- N. volucella*
- G. affinis*
- M. suboides*
- M. truxali*
- M. delonixii*
- L. nebulosus*
- L. auratus (?)*
- E. spectabile*
- E. lepidum (?)*

Mt, Md in moving H₂O habitats -
 ind < 100 mm SL - in med. currents
 ind > 150 mm SL - in slow-fast currents
 Mt, Md - not really in veg. they were mostly over rocks so limestone
 Ms - in slow or no moving currents; back H₂O's etc.
 esp. in vegetated habitats



GUAD. R.

GUAD. (Huaco Springs Ling)

6/25/78

#

wt

6

L. auritus

112.3

11

L. megalotis

148.6

47

E. spectabile

15.0

N. venustus

N. amabilis

N. deliciosus (or *N. stramineus*)

N. lutrensis

C. anomalum

N. volucrellus

G. affinis

47

M. salmonides

16

M. dolomieu

6

M. treacali

3

M. t x *M. d* hybrids