

PJS-US-880522-1

DATE: 22 May 1988 (Sun.) COLLECTION #: 4 TIME: 1300 to 1630

LOCALITY: Country: USA State/Dept.: ALABAMA

City: MOUNT HOPE Latitude: 34° 22' N Longitude: 87° 28' W

Miles/Kilometers - N S E W: 8 mi River/Brook name: THOMPSON CREEK

COLLECTORS: P. & P. Spangler PHOTO: Yes No

COLL'N METHOD: Dipnet; seine; bklite; bklite trap; flight trap; malaise; pitfall trap

HABITAT: Stream; pond; lake; roadside ditch; rut in road; spring seepage; waterfall; in bromeliad; brackish pool; mineral water pool; hot spring; crab hole; side pool of stream; stockpond; stock tank; swim pool; woodland pond; pothole; culvert; leaf packs; wet wood; other _____

AIR TEMPERATURE: _____ °/C° WATER TEMPERATURE: _____ °/C° PH: _____

OXYGEN: _____ ppm HARDNESS: _____ TURBIDITY: _____ ALTITUDE: _____ ft/m

DEPTH: 0.30 m WIDTH: 4 m VELOCITY: _____ ft/sec. SHADED -- SUNNY

SUBSTRATUM: Mud; gravel; sand; peaty; leafy; boulders; other - _____

SOIL COLOR: Red; yellow; black; brown.

PLANT ASSOCIATES: Alisma; Alternanthera; Anacharis; Lonicera japonica; Azolla; Brasenia; Chara; Cephalanthus; Eichornia; Eleocharis; Hibiscus; Hydrodictyum; Isoetes; Jussiaea; Lemna; Ludwigia; Marsilea; Mougeotia; Myriophyllum; Nitella; Nymphae; Pistia; Polygonum; Potamogeton; Proserpinaca; Ranunculus; Rhizophora; Riccia; Ruppia; Sagittaria; Salvinia; Scirpus; Spirogyra; Taxodium; Typha; Trapa; Utricularia; Wolffia; other _____

ANIMAL ASSOCIATES:

Adults: SPANGLEROGYRUS, HELICHRUS, DUBIRAPHIA, HYDROPHORUS, GYRINUS, DINEUTUS DISCOLOR, DINEUTUS ?.

Larvae 1 FIRST INSTAR DINEUTUS (LOST); MANY EGGS ON HONEYSUCKLE ROOTS (PRESERVED FOR PHOTOGRAPHY).

EST. # SPMS. 200