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A Comment Upon the Distribution of *Taphromysis louisianae* (Crustacea: Mysidacea) in Florida

Peter F. Sheridan
National Marine Fisheries Service

F. Graham Lewis III
Florida State University

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A COMMENT UPON THE DISTRIBUTION OF *Taphromysis louisianae* (CRUSTACEA: MYSIDACEA) IN FLORIDA

lation which was inadequately sampled due to the habitats examined in Apalachicola Bay.

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- Peter F. Sheridan, *National Marine Fisheries Service, Galveston Laboratory, 4700 Avenue U, Galveston, Texas, 77550.*
F. Graham Lewis, III, *Department of Biological Science, The Florida State University, Tallahassee, Florida, 32306.*

In a recent issue of this journal, Hamaker and Matthews (1979) reported the "first" Florida occurrence of the estuarine mysid *Taphromysis louisianae* Banner, 1953, from the Blackwater River near Milton, Florida. We would like to point out that the actual first Florida record of this mysid was published two years earlier (Livingston *et al.*, 1977), based on the unpublished work of Purcell (1977). Single specimens of *T. louisianae* were collected over *Vallisneria americana* beds with a D-shaped net (32 cm wide x 20 cm high, 1.0 mm mesh) in January, May, and July, 1976. The mysids were collected in tributaries to East Bay, an extension of Apalachicola Bay, Franklin County, Florida. These collection sites are approximately 215 km east of the Blackwater River and are thus 750 km east of the original collection area of Gueydan, Vermillion Parish, Louisiana (Banner, 1953).

The specimen collected on 25 January 1976 was recorded along with 61 *Taphromysis bowmani*, two *Mysidopsis bahia*, and one *M. bigelowi* in West Bayou during the day. At that time, the following were observed: water temperature, 14° C; salinity, 0 ppt; dissolved oxygen, 11.1 mg/liter; depth, 0.9 m. The second specimen was collected during the day on 20 May 1976, in Round Bay, accompanied by one *T. bowmani*. The following were noted: water temperature, 25° C; salinity, 0 ppt; dissolved oxygen, 10.3 mg/liter; depth, 0.7 m. The last specimen was collected on 17 July 1976 along with five *T. bowmani* and one *M. bahia*, in West Bayou, at night. The following were noted: water temperature, 30° C, salinity, 0 ppt; dissolved oxygen, 7.3 mg/liter; depth, 0.7 m. We do not know whether these records indicate transient *T. louisianae* or a resident popu-

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P. 70, the bar graphs of Figure 2 are reversed with those of Figure 5, and those of Figure 3 are reversed with those of Figure 4.