

Northeast Gulf Science

Volume 4
Number 2 *Number 2*

Article 12

4-1981

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

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DOI: 10.18785/negs.0402.12

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Recommended Citation

Sheridan, P. F. and F. Lewis III 1981. A Comment Upon the Distribution of *Taphromysis louisiana*e (Crustacea: Mysidacea) in Florida. *Northeast Gulf Science* 4 (2). Retrieved from <https://aquila.usm.edu/goms/vol4/iss2/12>

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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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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the actual first Florida record of this mysid was published two years earlier (Livingston *et al.*, 1977), based on the unpublished work of Purcell (1977).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-

REFEREES

The following scientists volunteered their services as referees during 1980 for contributions submitted to *Northeast Gulf Science*. To them we are most grateful.

Larry Abele	Florida State University
Stephen Bortone	University of West Florida
Herbert Boschung	University of Alabama
Ed Cake	Gulf Coast Research Laboratory
George Cline	University of Alabama at Birmingham
Armando de la Cruz	Mississippi State University
Michael Douglas	Rutgers University
Lionel Eleutarius	Gulf Coast Research Laboratory
J. F. Fitzpatrick, Jr.	University of South Alabama
William Herrnkind	Florida State University
Wouter Holleman	Albany Museum, Grahamstown, South Africa
Harold Humm	University of South Florida
Daniel Kamykowski	North Carolina State University
Mark Leiby	Florida Dept. of Natural Resources
Michel Lelong	University of South Alabama
Douglas Nester	U.S. Army Corps of Engineers, Mobile
Larry Ogren	National Marine Fisheries Service, Panama City
Charles O'Kelley	University of Alabama, Tuscaloosa
Richard Pecora	University of Southwestern Louisiana
Peter Peterson	University of South Carolina
Sally Richardson	Gulf Coast Research Laboratory
Steve Ross	University of Southern Mississippi
Peter Sheridan	National Marine Fisheries Service, Galveston
Joseph Simon	Florida Dept. of Natural Resources
David Smith	Texas A & M University
Buck Snelson	University of Central Florida
Doyle Sutherland	National Marine Fisheries Service, Panama City
L. G. Tate	University of South Alabama
Les Watling	University of Maine
Michael Weinstein	Virginia Commonwealth University
Peggy Winter	University of West Florida

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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.