

STATE Texas

DATE April 1, 1951

## SHRIMP INVESTIGATION

### Quarterly Report

From: January 1, 1951  
To: March 31, 1951  
Biologist: E. D. McRae, Jr.  
Boat: Carey  
Crew: George Nava  
Joe Valdez  
George Nava, Jr.

### INTRODUCTION

The current shrimp investigation was initiated November 26, 1950. The latter part of the fourth quarter of the year 1950 was largely spent in organizing equipment and making preliminary collections. Systematic collections were attempted during the first quarterly period of the current year. Breakage of gear early in this period, however, demonstrated the inadvisability of attempting collections during the inclement winter weather characteristic of the greater part of this quarter.

### COLLECTIONS AND DATA

Collecting trips were made to transect IV on the following dates: January 18; February 21; March 3, 7, 13, and 19. Each of these trips were at least partially successful.

The following are to be added to the list of specimens previously identified:

Conus /new species/  
Scaphella dubia  
Scaphella (sp.)  
Sconsia striata  
Tonna galea  
Turris albida  
Amusium /new species/  
Anadora (sp.)  
Pitar (sp.)  
Phallium granulatum

Some of the above are new undescribed species while others have only recently been described and the names of these species are not available at the time of this writing.

#### UTILIZATION OF TIME

In addition to the field and laboratory work connected with the shrimp investigation, an effort was made to participate in and cooperate with a number of other projects. These are listed below separate from the time utilized by the shrimp investigation.

Activity	Biologist	Crew
Field work (shrimp investigation)	132	132
Laboratory work (shrimp investigation)	420	0
Gulf States Fisheries Comm. Annual Meeting	62	0
Fish kill (field - 12		
(lab. - 36	48	0
Gulf fish investigation (field)	60	60
Public relations	45	45
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Total	767	237