

**Implementation of a Caribbean Regional  
Spiny Lobster Management Program**

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The objectives of this project are to: (1) collect data on a Pan-Caribbean basis; (2) provide data analysis capability to researchers in the Caribbean region; (3) utilize the data collected to provide estimates of growth, mortality and size composition of the catch; (4) present results at annual GCFI meetings and provide a forum for discussing data and management; and (5) assist as requested in the development of data collection and management programs on a local or island specific basis.

Data logbooks and calipers are available to individuals interested in participating in this project. The data logbook (Figure 1) was prepared by Environmental Research Projects with support from the South Carolina Sea Grant Consortium and the South Atlantic Fishery Management Council. During the lobster session the data logbook was presented and discussed with the participants. Subsequently, 70 sets were distributed to the following 15 countries/areas: Dominica, Tobago, St. Lucia, St. Kitts, Martinique, Antigua, Trinidad, Puerto Rico, Belize, Tortola, U.S. Virgin Islands, Bahamas, Bermuda, Panama and Anguilla.

Data received under this project will be entered onto a computer and utilized to generate both regional and private data bases. This data will then be used to generate size frequency plots (Figure 2 and Table 1), calculate growth and mortality rates and document recruitment patterns. These results will then be available to resource managers on a Pan-Caribbean basis.

Table 1

## TOBAGO'S

## SPINY LOBSTER SIZE FREQUENCY DISTRIBUTION FOR 1984

## SIZE IN MILLIMETERS OF CARAPACE LENGTH

SIZE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1- 10	0	0	0	0	0	0	0	0	0	0	0	0	0
11- 20	0	0	0	0	0	0	0	0	0	0	0	0	0
21- 30	0	0	0	0	0	0	0	0	0	0	0	0	0
31- 40	0	0	0	0	0	0	0	0	0	0	0	0	0
41- 50	0	0	0	0	0	0	0	0	0	0	0	0	0
51- 60	0	0	0	0	0	0	0	0	0	0	0	0	0
61- 70	0	0	0	0	0	0	0	0	0	0	0	0	0
71- 80	0	0	0	0	0	0	0	0	0	0	0	0	0
81- 90	0	0	0	0	0	0	0	0	0	1	0	0	1
91-100	0	0	0	0	0	0	0	0	0	3	0	0	3
101-110	0	0	0	0	0	0	0	3	0	12	0	0	15
111-120	0	0	0	0	0	0	0	5	1	6	0	0	12
121-130	0	0	0	0	0	0	0	4	0	6	0	0	10
131-140	0	0	0	0	0	0	0	2	0	7	0	0	9
141-150	0	0	0	0	0	0	0	0	1	7	0	0	8
151-160	0	0	0	0	0	0	0	0	0	1	0	0	1
161-170	0	0	0	0	0	0	0	0	0	0	0	0	0
171-180	0	0	0	0	0	0	0	0	0	0	0	0	0
181-190	0	0	0	0	0	0	0	0	0	0	0	0	0
191-200	0	0	0	0	0	0	0	0	0	0	0	0	0
201-210	0	0	0	0	0	0	0	0	0	0	0	0	0
211-220	0	0	0	0	0	0	0	0	0	0	0	0	0
221-230	0	0	0	0	0	0	0	0	0	0	0	0	0
231-240	0	0	0	0	0	0	0	0	0	0	0	0	0
241-250	0	0	0	0	0	0	0	0	0	0	0	0	0
251-260	0	0	0	0	0	0	0	0	0	0	0	0	0
261-270	0	0	0	0	0	0	0	0	0	0	0	0	0
271-280	0	0	0	0	0	0	0	0	0	0	0	0	0
281-290	0	0	0	0	0	0	0	0	0	0	0	0	0
291-300	0	0	0	0	0	0	0	0	0	0	0	0	0
301+	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	14	2	43	0	0	59
MEAN SIZE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	119.1	131	120.7	0.0	0.0	120.7



Figure 2

TOBAGO'S  
SPINY LOBSTER SIZE FREQUENCY DISTRIBUTION FOR 1984  
ANNUAL

