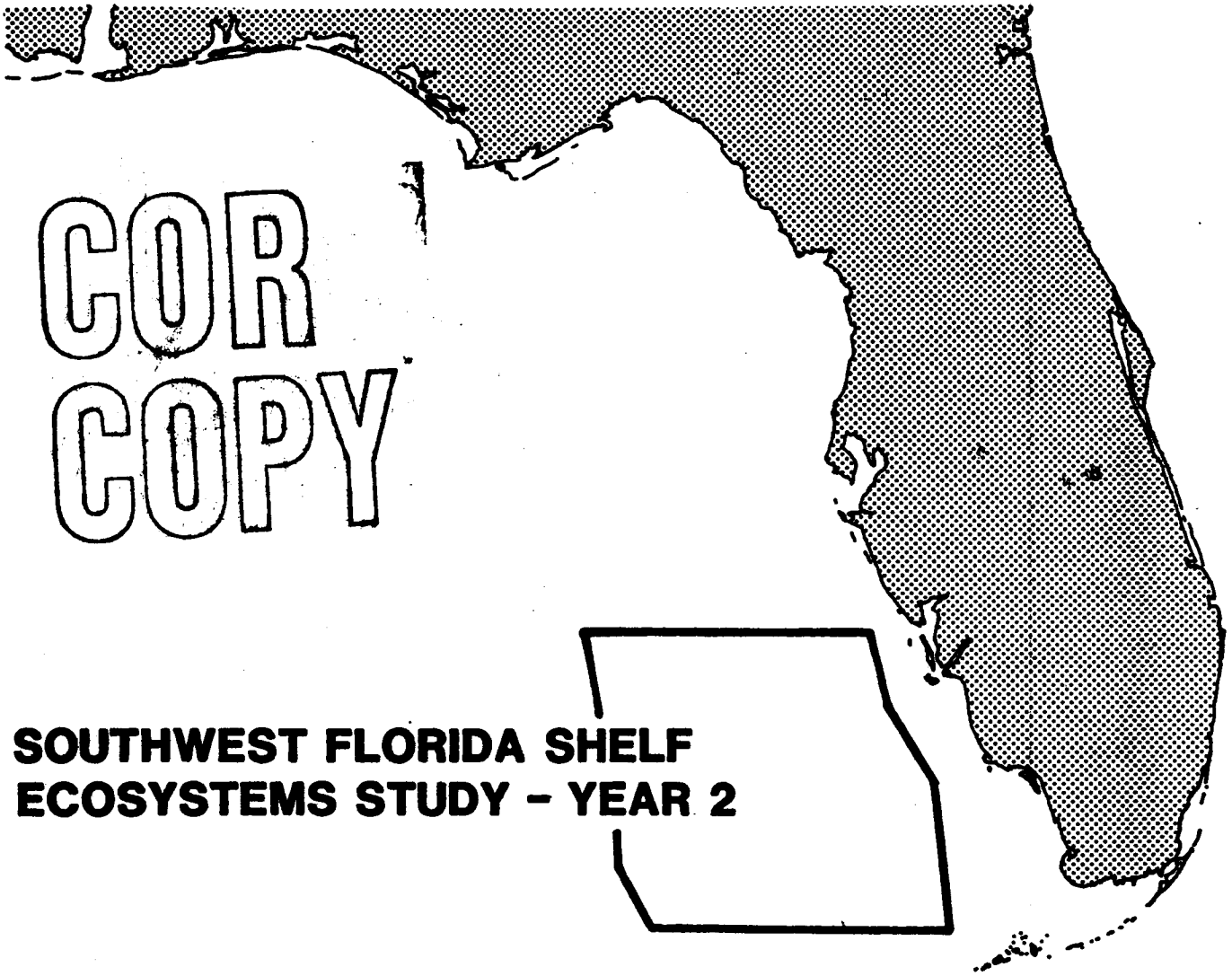


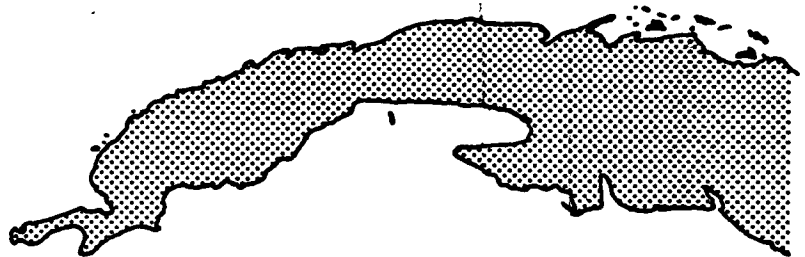
# VOLUME 7 - APPENDIX C

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## **SOUTHWEST FLORIDA SHELF ECOSYSTEMS STUDY - YEAR 2**



Prepared for:  
U.S. Department of the Interior, Minerals Management Service  
Gulf of Mexico OCS Region, Metairie, Louisiana  
Contract 14-12-0001-29144  
July 1985

# VOLUME 7 - APPENDIX C

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July 1985

**Woodward-Clyde Consultants**   
Consulting Engineers, Geologists and Environmental Scientists



*Continental Shelf Associates, Inc.*

*"Applied Marine Science and Technology"*

This report has been reviewed by the Minerals Management Service and approved for publication. Approval does not signify that the contents necessarily reflect the views and policies of the Minerals Management Service, nor does mention of trade names or commercial products constitute endorsement or recommendation for use.

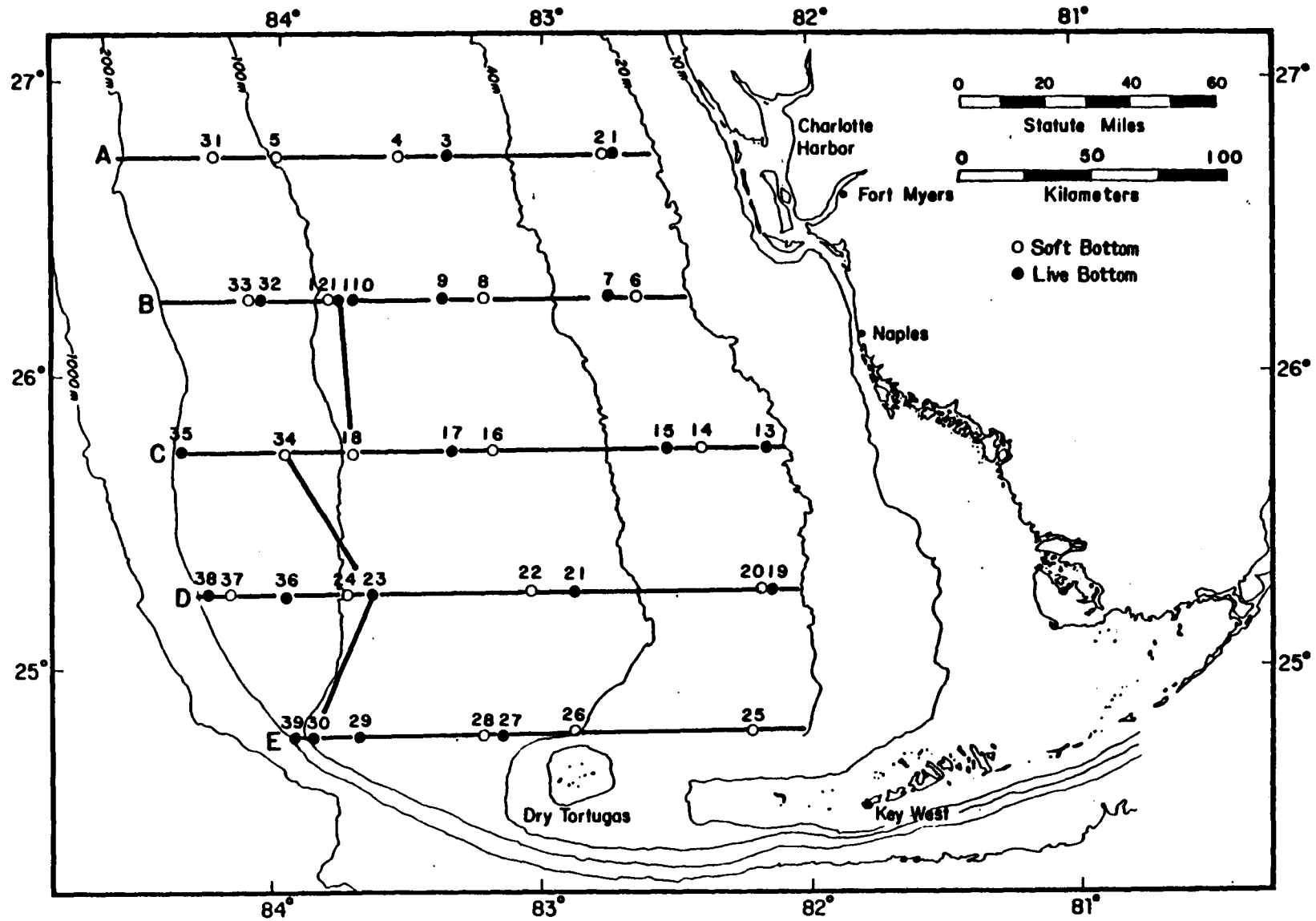
# PREFACE

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## THE SOUTHWEST FLORIDA SHELF ECOSYSTEMS STUDY

To meet present and future energy requirements of the United States, the Department of the Interior has acted to expedite development of oil and gas deposits beneath the outer continental shelf (OCS). Under the Department's accelerated 5-year leasing program, the Minerals Management Service (MMS) is proposing to offer for lease certain tracts in the eastern Gulf of Mexico. The protection of marine and coastal environments is mandated by the OCS Lands Act of 1963, the National Environmental Policy Act of 1969, and the OCS Lands Act Amendments of 1978. As manager of the OCS Leasing Program, the Department of the Interior is responsible for ensuring that proposed OCS development will not irreparably damage the marine environment and its resources. To help meet this responsibility, and to provide basic environmental information for the eastern Gulf of Mexico, the Minerals Management Service initiated (1980) the multiyear, multidisciplinary, Southwest Florida Shelf Ecosystems Study Program.

During Year One of the Southwest Florida Shelf Ecosystems Study Program, bathymetric, seismic, and side scan sonar data were collected (September-October 1980), along with underwater television and still camera color photography of the sea floor. These data were augmented by analyses of a broad range of hydrographic measurements, and water column, sediment, and benthic biological samples. Sampling stations were established in water depths ranging from 20 to 90m at 30 locations distributed along five east-west shelf transects (Figure, Transects A through E). Biological and hydrographic sampling were completed in fall (October-November) 1980 and spring (April-May) 1981.



Southwest Florida shelf survey transects (A through F) and benthic sampling stations for Year One and Two programs.

During the Year Two program, additional visual and geophysical data were collected along a north-south tie-line (Figure, Transect F). Twenty-one of the 30 first year hydrographic and biological sampling stations were resampled twice more, once during summer (July-August) 1981, and again during winter (January-February) 1982. In addition, nine new sampling stations were established on Transects A through E, in water depths ranging from 100 to 159m.

A third study phase, the Year Two Modification contract, examined the importance of Loop Current frontal eddies to primary production along the outer edge of the southwest Florida shelf. This phase encompassed two seasonal hydrographic cruises, in April and September 1982, and included direct and indirect measurements of primary productivity. These hydrographic and primary productivity data have now been synthesized with previous study results into an overview of the driving energetic forces within the southwest Florida shelf regional ecosystem.

The southwest Florida continental shelf includes sandy soft bottom sea floor substrates; hard, "live bottom" habitat; and other areas which favor the development and concentration of marine biota. The distribution of these bottom types and their significance to the regional marine benthic and water column ecosystem is not well known. The interpretation and synthesis of data from this Program are directed at general characterization of broad areas of the southwest Florida shelf, characterization of individual study sites, and inter-site comparisons; assessment of OCS development impact/enhancement potential; methodology evaluation; water mass characterization; and formulation of recommendations for future studies.

The results of the Year One program have already been reported (Woodward-Clyde Consultants and Continental Shelf Associates, Inc., 1983), as have the results of phase three (Woodward-Clyde Consultants and Skidaway Institute of Oceanography, 1983). The present Year Two Final Report describes the results of the Year Two program and provides an integration and synthesis of information collected during all three phases of the study.

The Southwest Florida Shelf Ecosystems Study Program has expanded considerably beyond the work reported herein. Year Three (Continental Shelf Associates, Inc.) continued seafloor habitat mapping to fill in areas between the Year One and Two study transects. Inshore biological sampling stations were also established in 10 to 20m water depths. Years Four and Five (Environmental Science & Engineering) were concerned with dynamic processes that affect the shelf ecosystem -- bottom currents, sediment movements, and so forth. A sixth program year presently contemplates a thorough synthesis of all preceding study results.

The Year Two Final Report includes a total of seven (7) volumes, as follows:

Volume 1 - Executive Summary, provides a brief, abstracted summary of the principal goals, methods used, and results obtained during the study program.

Volume 2 - Final Report I, includes a more complete introduction to the Year One and Two programs, a summary of geophysical results, a complete discussion of methods used, and accounts of the physical oceanography and substrates that characterize the southwest Florida shelf.

Volume 3 - Final Report II, includes detailed accounts of the live bottom and soft bottom biota of the shelf.

Volume 4 - Final Report III, presents a synthesis of the physical variables and biological assemblages, outlines the potential impacts of OCS development, and provides lists of literature cited and program acknowledgments.

Volume 5 - Appendix A, provides copies of Year One and Year Two hydrographic and biological sampling cruise logs, sample collection times, station tract plots, and hydrographic and sediment data collected during both study years.

Volume 6 - Appendix B, includes the Master Taxon Code List for all taxa recorded during the program, and computer listings of all soft bottom sample station otter trawl and box core data collected during Years One and Two.

Volume 7 - Appendix C, provides computer listings of the live bottom sample station otter trawl, triangle dredge, and quantitative slide analysis data sets for Years One and Two.



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APPENDIX C.1  
LIVE BOTTOM OTTER TRAWL DATA

NOTE:

The following tables present summary catch information for live bottom otter trawls taken during each cruise. Data shown by station are in one of two forms. If individuals of a given taxon were enumerated, a number representing total abundance is shown. If individuals were not counted, an "x" is shown, indicating that members of a given taxon were present in the sample.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF OTTER TRAWL DATABASE (OTH),  
LIVE BOTTOM STATIONS -- FALL CRUISE.

| TAXON                           | STATION |    | 07 | 09 | 10 | 11 | 13 | 15 | 17 | 19 | 23 | 27 | 29 | 30 |
|---------------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                                 | 01      | 03 |    |    |    |    |    |    |    |    |    |    |    |    |
| CHLOROPHYCOPHYTA                |         |    |    |    |    |    |    |    |    |    |    |    |    |    |
| CODIUM ISTHMOCLADUM             |         | X  |    | X  | X  |    |    | X  | X  |    |    | X  |    | X  |
| CAULERPA TAXIFOLIA              |         | X  |    |    |    |    |    | X  |    |    |    | X  |    | X  |
| CAULERPA SERTULARIOIDES         |         | X  | X  | X  | X  |    | X  | X  | X  |    |    |    |    |    |
| CAULERPA MEXICANA               |         | X  |    |    |    |    |    | X  |    |    |    |    |    |    |
| AVRAINVILLEA ASARIFOLIA         | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| HALIMEDA GRACILIS               |         | X  | X  | X  | X  |    |    |    | X  | X  | X  | X  |    |    |
| HALIMEDA SCABRA                 | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| UDOTEA CONGLUTINATA             | X       |    |    |    |    |    |    | X  |    | X  |    |    |    |    |
| UDOTEA CYATHIFORMIS             |         | X  |    | X  |    |    | X  |    |    |    |    |    |    |    |
| PALMELLACEAE N. SP.             |         |    |    |    |    |    |    |    |    |    | X  |    | X  | X  |
| STRUVEA PULCHERRIMA             |         |    |    | X  | X  |    |    |    |    |    |    |    |    |    |
| CYSTODICTYON PAVONIUM           |         | X  |    |    | X  |    |    |    |    |    |    |    |    |    |
| MICRODICTYON BOEGESENII         |         | X  |    |    |    |    |    |    | X  |    |    |    |    |    |
| ANADYOMENE MENZIESII            |         |    |    |    |    |    |    |    |    | X  | X  |    | X  | X  |
| VALONIA VENTRICOSA              |         |    |    |    |    |    |    |    |    |    | X  |    | X  | X  |
| HALOPTERIS FILICINA             |         |    |    |    | X  |    |    |    |    |    | X  |    | X  | X  |
| DICTYOPTERIS DELICATULA         | X       | X  |    | X  |    |    |    |    |    |    |    |    |    |    |
| DICTYOPTERIS JUSTII             |         | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| DICTYOPTERIS MEMBRANACEA        |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| DICTYOTA DIVARICATA             |         | X  |    |    |    |    |    |    | X  | X  |    |    |    |    |
| PADINA PROFUNDA                 |         | X  |    | X  |    |    |    |    | X  |    |    |    |    |    |
| LOBOPHORA VARIEGATA             |         | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| SARGASSUM SP.                   |         | X  |    | X  |    | X  |    |    |    |    |    | X  |    |    |
| SARGASSUM HYSTRIX V. SPINULOSUM |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| SARGASSUM PTEROPLEURON          |         | X  |    |    |    |    |    |    |    | X  |    |    |    |    |
| SPOROCHNUS PEDUNCULATUS         |         | X  |    | X  |    |    |    |    | X  |    |    |    |    |    |
| AGARDHIELLA SUBULATA            |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| EUCHEUMA ISIFORME V. DENUTATUM  | X       | X  | X  |    |    |    |    |    |    | X  |    |    |    |    |
| MERISTOTHECA FLORIDANA          |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| GRACILARIA DEBILIS              |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| GRACILARIA CYLINDRICA           | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| GRACILARIA CERVICORNIS          | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| GRACILARIA SP. 1                | X       | X  |    | X  | X  | X  |    |    | X  |    | X  | X  |    |    |
| PETROGLOSSUM UNDULATUM          |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| WURDEMANNIA MINIATA             |         |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| PEYSSONNELIA RUBRA              |         | X  |    | X  | X  | X  |    |    | X  |    | X  |    | X  | X  |
| PEYSSONNELIA SIMILANS           |         |    |    |    |    |    |    |    |    |    |    |    | X  | X  |
| LITHOTHAMNIUM CALCAREUM         | X       | X  | X  | X  |    |    |    |    |    | X  |    |    |    |    |
| LITHOTHAMNIUM RUPTILE           |         |    |    |    | X  | X  |    |    |    |    |    |    |    |    |
| MELOBESIA SP.                   |         |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| CRYPTONEMIA SP. 2               |         |    |    |    |    | X  |    |    |    |    | X  |    |    |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF OTTER TRAWL DATABASE (OTH),  
LIVE BOTTOM STATIONS -- FALL CRUISE.

| TAXON                               | STATION |    | 07 | 08 | 10 | 11 | 13 | 15 | 17 | 18 | 23 | 27 | 28 | 30 |
|-------------------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                                     | 01      | 03 |    |    |    |    |    |    |    |    |    |    |    |    |
| CRYPTONEMIA SP. 1                   |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| HALYMENIA VINACEA                   |         |    |    | X  |    |    |    |    | X  |    |    |    | X  |    |
| HALYMENIA GELINARIA                 |         |    |    |    |    |    |    |    |    |    |    |    | X  |    |
| RHODYMENIACEAE                      |         |    |    |    |    |    |    |    | X  | X  |    |    | X  |    |
| BOTRYOCLADIA OCCIDENTALIS           | X       | X  | X  |    |    |    |    |    |    |    |    |    |    |    |
| MARIPELTA ATLANTICA                 |         |    |    |    |    | X  |    |    |    |    |    |    |    |    |
| HALICRYSIS PELTATA                  |         |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| SPYRIDIA FILAMENTOSA                | X       | X  |    |    |    |    |    | X  |    |    |    |    |    |    |
| LAURENCIA INTRICATA                 | X       | X  |    |    |    |    | X  |    |    |    |    |    |    |    |
| LOPHOCLADIA TRICHOCLADOS            | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| THALASSIA TESTUDINUM                |         | X  |    | X  | X  | X  |    |    | X  | X  | X  | X  |    |    |
| HALOPHILA DECIPIENS                 |         | X  |    | X  |    |    | X  | X  |    |    | X  |    |    |    |
| HALODULE WRIGHTII                   |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| SYRINGODIUM FILIFORME               |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| ARCHAIAS SP.                        |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| CLATHRINA ? CORIACEA                |         | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| LEUCETTA ? FLORIDANA                |         |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| ? LEUCETTA SP.                      |         |    |    | X  | X  |    |    |    |    |    |    |    |    |    |
| ? LEUCOSOLENIA SPP.                 |         | X  |    | X  |    | X  | X  |    |    |    |    |    |    |    |
| APHROCERAS ? ENSATA                 |         | X  |    |    | X  |    |    |    | X  |    |    |    |    |    |
| SPONGIIDAE                          |         |    |    |    |    |    | X  |    | X  |    |    |    |    |    |
| HYATTELLA INTESTINALIS              |         |    |    |    |    |    |    |    |    |    | X  |    |    | X  |
| IRGINIA STROBILINA                  |         | X  |    |    | X  | X  |    | X  | X  |    | X  |    | X  |    |
| IRGINIA FELIX                       |         |    | X  |    |    |    | X  | X  |    |    |    |    | X  |    |
| IRGINIA ? STROBILINA                |         | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| DYSIDEA FRAGILIS                    |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| DYSIDEA SPP.                        |         | X  |    |    | X  | X  |    | X  | X  |    |    |    |    |    |
| DYSIDEA ? AVARA                     |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| EURYSPONGIA ? ROSEA                 |         | X  | X  | X  |    |    |    |    |    |    |    |    |    |    |
| APLYSINA SP.                        |         | X  |    |    |    |    |    | X  |    | X  |    |    |    |    |
| APLYSINA LACUNOSA                   |         |    |    |    |    |    |    |    |    |    |    |    |    |    |
| APLYSINA FISTULARIS V. FULVA        |         | X  |    |    |    |    |    |    |    |    |    |    |    | X  |
| AILOCHROIA CRASSA                   |         |    |    |    |    |    |    | X  | X  |    |    |    |    |    |
| DEMOSPONGEA-KERATOSA-DENDROCERATIDA |         | X  |    |    |    |    |    | X  |    |    |    |    |    |    |
| HALISARCA PURPURA                   |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| CHELONAPLYSILLA SP.                 |         | X  |    |    | X  |    |    |    |    |    |    |    |    |    |
| HALICLONA COMPRESSA                 |         | X  |    |    |    |    |    | X  |    | X  |    |    |    | X  |
| HALICLONA SPP.                      |         |    | X  |    |    |    |    |    |    | X  |    |    |    |    |
| CALLYSPONGIA ? FALLAX               |         |    |    |    |    |    |    |    | X  |    | X  |    | X  |    |
| NIPHATES ERECTA                     |         | X  |    |    |    |    |    | X  | X  |    |    |    |    | X  |
| SPINOSSELLA PLICIFERA               |         |    |    |    |    |    |    | X  | X  |    |    |    |    |    |
| ? GELLIUS SPP.                      |         |    |    | X  | X  |    | X  | X  | X  |    |    |    |    |    |

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TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF OTTER TRAWL DATABASE (OTH),  
LIVE BOTTOM STATIONS -- FALL CRUISE.

| TAXON                               | STATION |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-------------------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                                     | 01      | 03 | 07 | 09 | 10 | 11 | 13 | 15 | 17 | 18 | 23 | 27 | 29 | 30 |
| ? HALICLONA SPP.                    |         |    |    | X  | X  |    |    |    |    | X  |    |    |    |    |
| ADOCIIDAE                           |         |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| XESTOSPONGIA SP.                    |         |    |    |    |    |    |    |    |    |    |    |    | X  | X  |
| RHIZOCHALINA SP.                    |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| ? XESTOSPONGIA SP.                  |         |    |    |    | X  |    |    |    |    |    |    |    | X  | X  |
| ? CRIBROCHALINA SPP.                |         |    |    |    | X  |    |    |    |    |    | X  |    |    | X  |
| ? GELLIODES SPP.                    |         |    | X  |    |    |    |    | X  |    |    |    |    |    |    |
| ? ADOCIIDAE                         |         |    |    |    | X  | X  |    |    | X  |    |    |    | X  |    |
| DEMOSPONGEA-POECILOSCLERIDA         |         |    |    |    |    |    |    |    | X  |    |    |    |    |    |
| AGELAS SP.                          |         | X  |    |    |    |    |    |    |    |    | X  |    |    |    |
| MYCALIDAE                           |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| MYCALE SP.                          |         |    |    |    |    |    |    |    | X  |    |    |    |    |    |
| NEOFIBULARIA NOLITANGERE            |         |    |    |    |    |    |    |    | X  |    |    |    |    |    |
| ? ULOSA SPP.                        | X       | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| ? TOXEMMA SP.                       |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| TEDANIIDAE                          |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| ? FORCEPIA SP.                      |         |    |    |    | X  |    |    | X  |    |    |    |    |    |    |
| MICROCIONIDAE                       |         | X  |    |    | X  |    |    | X  |    |    |    |    | X  |    |
| MICROCIONA PROLIFERA                |         | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| MICROCIONA SPP.                     |         |    |    |    | X  | X  |    |    |    |    |    |    |    |    |
| MICROCIONA ? MICROCHELA             |         |    | X  | X  |    |    |    |    | X  |    |    |    |    |    |
| MICROCIONA ? SPINOSA                | X       |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| THALYSIAS ? JUNIPERINA              | X       | X  |    |    |    |    |    | X  | X  |    |    |    |    |    |
| ? SIGMAXIA SP.                      |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| ? HYMEDESMIA SP.                    |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| ? BIEMNA SPP.                       |         |    |    |    | X  | X  |    |    |    |    | X  |    | X  | X  |
| ? BUBARIS SPP.                      | X       |    |    |    | X  | X  |    |    | X  |    | X  |    | X  | X  |
| ? MYXILLIDAE                        |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| DEMOSPONGEA-HALICHONDRIIDA          |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| HALICHONDRIA ? MELANADOCIA          | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| HALICHONDRIA SPP.                   |         |    |    |    |    |    |    |    |    |    |    |    | X  | X  |
| ? HALICHONDRIA SPP.                 |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| OXEOSTILON BURTONI                  | X       |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| ? HYMENIACIDON SPP.                 |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| DEMOSPONGEA-HADROMERIDA             |         | X  | X  |    |    |    |    |    |    |    |    |    |    |    |
| SPIRASTRELLA SP.                    |         | X  |    |    | X  |    | X  |    | X  |    |    |    |    |    |
| SPIRASTRELLA COCCINEA               |         | X  |    |    | X  |    |    |    | X  | X  |    | X  | X  |    |
| TIMEA ? MIXTA                       | X       |    | X  | X  | X  |    |    |    |    |    |    |    |    |    |
| ANTHOSIGMELLA VARIANS               |         |    |    |    |    |    | X  | X  | X  | X  |    |    |    | X  |
| ANTHOSIGMELLA VARIANS V. INCRUSTANS |         |    |    |    |    |    |    |    |    |    |    | X  |    |    |
| ANTHOSIGMELLA ? VARIANS             |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| ANTHOSIGMELLA SPP.                  |         | X  |    |    |    |    |    |    |    |    |    |    |    |    |

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TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF OTTER TRAWL DATABASE (OTM),  
LIVE BOTTOM STATIONS -- FALL CRUISE.

| TAXON                      | STATION |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                            | 01      | 03 | 07 | 09 | 10 | 11 | 13 | 15 | 17 | 19 | 23 | 27 | 29 | 30 |
| ? ANTHOSIGMELLA SP.        |         |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| ? TIMEA SPP.               |         |    |    |    |    | X  |    |    |    |    |    |    |    |    |
| ? KOTIMEA SP.              |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| TERPIOS SP.                |         | X  |    |    |    |    |    |    | X  |    |    |    |    |    |
| TERPIOS ? FUGAX            |         | X  |    | X  | X  |    |    |    |    |    |    |    |    |    |
| PLACOSPONGIA MELOBESIOIDES |         | X  | X  |    | X  | X  |    |    |    |    | X  |    |    |    |
| CLIONA CELATA              |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| CLIONA DELITRIX            |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| TETHYA ACTINIA             |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| STYLOCORDYLA ? LONGISSIMA  |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| EPIPOLASIS LITHOPHAGA      |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| EPIPOLASIS SPP.            |         |    |    |    |    | X  |    |    |    |    |    |    |    |    |
| ? EPIPOLASIS SPP.          |         | X  | X  | X  | X  |    |    |    |    | X  | X  | X  |    |    |
| ? JASPIS SPP.              |         |    |    |    | X  | X  |    | X  | X  |    | X  |    |    |    |
| MYRIAstra SPP.             |         | X  |    |    |    | X  |    |    |    |    |    |    | X  | X  |
| MYRIAstra ? CRASSISPICULA  |         | X  |    |    |    | X  |    |    |    |    |    |    | X  |    |
| STOEBA SP.                 |         |    |    |    |    |    |    |    |    |    |    |    | X  |    |
| GEODIA NEPTUNI             |         |    |    |    | X  | X  |    |    |    |    |    |    | X  | X  |
| GEODIA GIBBEROSA           |         | X  |    |    |    |    | X  |    | X  |    |    |    | X  |    |
| ERYLUS FORMOSUS            |         |    |    |    |    | X  |    |    |    |    | X  |    |    | X  |
| ERYLUS ? FORMOSUS          |         |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| ERYLUS SPP.                |         |    |    |    | X  | X  |    |    |    |    | X  |    | X  |    |
| ? ERYLUS SPP.              |         |    |    |    |    | X  |    |    | X  |    |    |    | X  |    |
| CINACHYRA SPP.             |         |    |    |    |    | X  |    |    |    |    |    |    |    |    |
| CINACHYRA ALLOCLADA        | X       | X  | X  | X  | X  | X  |    | X  | X  |    | X  |    |    | X  |
| ? CINACHYRA SP.            |         |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| CHONDRILLA SP.             |         | X  |    | X  |    |    |    |    |    |    |    |    |    |    |
| CHONDRILLA NUCULA          |         |    |    |    | X  |    |    |    |    |    |    | X  |    |    |
| CHONDRILLA ? NUCULA        |         | X  |    |    | X  | X  |    |    |    |    | X  |    | X  |    |
| ? PACHASTRELLA SP.         |         | X  |    |    | X  | X  |    |    |    |    |    |    |    |    |
| ? PLAKINASTRELLA SP.       |         |    |    |    | X  | X  |    |    |    |    | X  |    |    |    |
| DEMOSPONGEA-LITHISTIDA     |         |    |    |    | X  | X  |    |    |    |    | X  |    |    |    |
| DISCODERMIA SP.            |         |    |    |    | X  | X  |    |    |    |    | X  |    |    |    |
| DEMOSPONGEA-AXINELLIDA     |         |    | X  | X  |    |    |    |    |    |    |    |    |    | X  |
| AXINELLA POLYCAPELLA       |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| AXINELLA SPP.              |         |    | X  | X  | X  |    |    | X  |    |    |    |    | X  | X  |
| AXINELLA ? BOOKHOUTI       |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| HOMAXINELLA WALTONSMITHI   | X       |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| PSEUDAXINELLA LUNAECARTA   |         |    | X  |    |    |    |    |    |    |    | X  |    |    |    |
| PSEUDAXINELLA ? LUNAECARTA |         | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| TEICHAXINELLA MORCHELLA    |         |    |    |    | X  | X  |    |    |    |    |    |    |    | X  |
| TEICHAXINELLA SHOEMAKERI   |         | X  |    |    | X  |    |    |    |    |    |    |    |    | X  |

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LISTING OF OTTER TRAWL DATABASE (OTH),  
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| TAXON                       | STATION |    | 07 | 09 | 10 | 11 | 13 | 15 | 17 | 19 | 23 | 27 | 29 | 30 |
|-----------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                             | 01      | 03 |    |    |    |    |    |    |    |    |    |    |    |    |
| TEICHAXINELLA ? CORRUGATA   |         |    | X  |    |    |    |    |    |    |    | X  |    |    |    |
| PHAKELLIA FOLIUM            |         |    |    |    |    | X  |    |    |    |    | X  |    |    | X  |
| ? DRAGMAXIA SP.             |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| ? TEICHAXINELLA SP.         |         |    |    |    |    | X  |    |    |    |    |    |    |    |    |
| ? HOMAXINELLA SP.           |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| ? AXINELLA SPP.             |         |    | X  |    |    |    |    |    |    | X  |    |    |    |    |
| HIGGINSIA SP.               |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| HIGGINSIA STRIGILATA        |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| ? HIGGINSIA SP.             |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| RASPAILIA SP.               |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| HEMECTYON ? PEARSEI         |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| THALYSEURYPON SPP.          | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| ? THALYSEURYPON SP.         |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| CORYDENDRIUM PARASITICUM    |         |    |    |    |    |    | X  |    |    | X  |    |    |    |    |
| EUDENDRIUM CARNEUM          |         | X  | X  | X  |    |    | X  |    |    | X  |    |    |    |    |
| CRYPTOLARIA PECTINATA       |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| SERTULARELLA SP.            |         |    | X  |    |    |    |    |    |    |    |    |    |    | X  |
| SERTULARELLA PINNIGERA      |         |    |    |    |    |    |    | X  | X  |    |    |    |    |    |
| DYNAMENA CORNICINA          |         |    |    |    |    |    |    |    | X  | X  |    |    |    |    |
| THYROSCYPHUS MARGINATUS     |         | X  |    |    |    |    |    | X  | X  |    |    | X  | X  |    |
| AGLAOPHENIA ELONGATA        |         |    | X  | X  |    | X  |    |    |    |    |    |    | X  | X  |
| GYMNANGIUM SINUOSUM         |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| STEPHANOSCYPHUS CORNIFORMIS |         | X  |    |    | X  | X  |    |    |    |    |    | X  |    |    |
| ANTIPATHIDAE                |         | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| TELESTO OPERCULATA          |         |    |    |    |    | X  |    |    |    |    |    |    |    |    |
| TELESTO CORALLINA           |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| NIDALIA OCCIDENTALIS        |         |    |    |    |    |    |    |    |    |    |    |    |    | 2  |
| THESEA SP.                  |         |    |    |    | 2  |    |    |    |    |    |    |    |    | 1  |
| CALIACIS MUTANS             |         |    |    |    |    |    |    |    |    |    |    |    |    | 2  |
| LOPHOGORGIA CARDINALIS      |         | X  |    | 1  | X  |    |    | X  |    |    |    |    |    |    |
| PSEUDOPTEROGORGIA ACEROSA   |         |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| ELLISELLA SP.               |         |    |    |    |    |    |    | X  |    |    |    |    |    | X  |
| ELLISELLA ELONGATA          |         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| VIRGULARIA PRESBYTES        |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| MADRACIS ASPERULA           |         |    |    | 1  | X  | 1  |    | 4  |    |    | X  | X  |    |    |
| MADRACIS MIRABILIS          |         |    |    |    |    |    |    |    |    | 1  |    |    |    | 1  |
| AGARICIA LAMARCKI           |         |    |    |    |    |    |    |    |    |    |    |    | 2  |    |
| AGARICIA FRAGILIS FRAGILIS  |         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| SIDERASTREA RADIANIS        |         | 1  |    |    |    |    |    |    |    |    |    |    |    |    |
| MANICINA AREOLATA           |         |    |    |    |    |    |    |    |    |    |    | 1  |    |    |
| CLADOCORA ARBUSCULA         | 3       | 2  | 7  |    |    |    |    |    |    | X  |    |    |    |    |
| SOLENASTREA SP.             |         | 1  |    |    |    |    |    |    |    |    |    |    |    |    |

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|--------------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                                | 01      | 03 | 07 | 09 | 10 | 11 | 13 | 15 | 17 | 19 | 23 | 27 | 29 | 30 |
| SOLENASTREA HYADES             | 1       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| PHYLLANGIA AMERICANA           | 1       | 4  |    |    |    |    | 1  |    |    |    |    |    |    |    |
| OCULINA DIFFUSA                | 1       |    |    |    |    |    |    |    |    | 3  |    |    |    |    |
| OCULINA ROBUSTA                |         |    |    |    |    |    | 1  |    |    |    |    |    |    |    |
| OCULINA TENELLA                |         |    |    |    |    |    |    |    | 2  |    |    | X  |    |    |
| MUSSIDAE                       |         |    |    |    |    |    |    |    |    |    |    | 29 |    |    |
| POLYCHAETA                     | X       |    |    |    | X  | X  |    | X  |    |    | X  |    | X  |    |
| DIODORA CAYENENSIS             |         |    |    |    |    |    |    |    |    | 2  |    |    |    |    |
| DIODORA SAYI                   | 1       |    |    |    |    |    |    |    |    |    |    | 2  |    |    |
| NESTA ATLANTICA                |         |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| CALLIOSTOMA ROSEOLUM           |         |    | 1  |    |    |    |    |    |    | 5  |    | 1  |    |    |
| CALLIOSTOMA TAMPAENSE          | 1       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| CALLIOSTOMA MARIONAE           |         |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| TURBO CREMULATUS               |         |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| VERMICULARIA SPIRATA           |         |    |    |    | 3  |    |    |    | 3  |    |    |    |    |    |
| VERMICULARIA KNORII            |         |    |    |    | 2  | 1  |    |    |    |    |    |    |    | 1  |
| TURRITELLA ACROPORA            |         |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| EPITONIUM (EPITONIUM) KREBSII  |         |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| STROMBUS ALATUS                |         |    |    |    |    |    |    |    |    | 2  |    |    |    |    |
| STROMBUS COSTATUS              |         |    |    |    |    |    | 2  |    |    | 1  |    |    |    |    |
| XENOPHORA CONCHYLIOPHORA       |         |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| CYPRAEA SPURCA ACICULARIS      |         |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| CYPRAEA CINEREA                |         |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| CYPRAEA CERVUS                 |         |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| PHALIMUM GRANULATUM            |         |    |    |    | 1  |    |    |    |    |    | 1  |    |    |    |
| CYMATIUM VESPACEUM             | 1       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| DISTORSIO CLATHRATA            |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| DISTORSIO CONSTRICTA MACGINTYI |         |    | 1  |    | 1  |    |    |    |    |    |    |    |    |    |
| CHICOREUS FLORIFER             |         |    |    |    |    |    |    |    |    |    |    |    |    |    |
| MUREX CABRITII                 |         |    |    |    | 1  |    |    |    | 3  |    |    |    |    |    |
| PHYLLONOTUS POMUM              |         |    |    |    |    |    |    |    | 2  |    |    |    |    |    |
| FAVARTIA CELLULOSA             |         |    |    |    |    |    |    |    | 1  |    |    | 1  |    |    |
| ATTILIOSA PHILLIPIANA          |         |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| PISANIA TINCTA                 |         |    |    |    |    |    | 1  |    | 1  |    |    |    |    |    |
| NASSARIUS CONSENSUS            |         |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| NASSARIUS FLORIDENSIS          |         |    |    |    |    |    | 1  |    | 1  |    |    |    |    |    |
| FASCIOLARIA LILIUM TORTUGANA   |         |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| FASCIOLARIA BULLISI            | 1       |    |    |    |    |    |    |    |    |    | 1  |    |    |    |
| FUSINUS EUCOSMIUS              |         |    |    |    | 1  |    |    |    | 1  |    |    |    |    |    |
| OLIVA EDWARDSI                 |         |    |    |    | 2  |    |    |    | 1  |    |    |    |    |    |
| HYALINA AVENA                  |         |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| PRUNUM ROOSEVELTI              |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |

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| TAXON                     | STATION |    | 07 | 09 | 10 | 11 | 13 | 15 | 17 | 19 | 23 | 27 | 29 | 30 |
|---------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                           | 01      | 03 |    |    |    |    |    |    |    |    |    |    |    |    |
| PRUNUM AMABILIS           |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| CONUS DELESSERTII         |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| CONUS STIMPSONI           |         |    |    |    | 2  |    |    |    |    |    |    |    |    |    |
| HAMINOEA SUCCINEA         |         |    |    |    |    |    |    |    |    |    |    | 1  |    |    |
| CAVOLINIA TRIDENTATA      |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| DISCODORIS SP. A          | 1       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| TARINGA SP.               |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| GLOSSODORIS EDENTICULATA  |         |    |    |    |    |    | 1  |    | 1  |    |    |    |    |    |
| GASTROPODA EGGS           |         |    |    |    |    |    |    |    |    |    |    | 1  |    |    |
| MUSCULUS LATERALIS        |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| LITHOPHAGA ANTILLARUM     |         |    |    |    |    |    |    | 1  |    |    |    |    |    |    |
| CHLAMYS BENEDICTI         |         |    |    | 6  |    |    |    |    | 1  |    |    |    |    |    |
| AEQUIPECTEN MUSCOSUS      |         |    |    |    |    |    |    |    | 2  |    | 1  |    |    |    |
| ARGOPECTEN GIBBUS         |         |    |    |    |    |    |    |    |    |    | 4  |    |    |    |
| LYROPECTEN NODOSUS        |         |    |    |    |    |    |    |    |    |    |    | 1  |    |    |
| PLICATULA GIBBOSA         |         |    |    |    |    |    |    |    |    |    |    |    |    |    |
| LIMA PELLUCIDA            |         |    |    | 2  |    |    |    |    | 1  |    |    |    |    |    |
| GLANS DOMINGUENSIS        |         |    |    | 2  |    |    |    |    |    |    |    |    |    |    |
| NEMOCARDIUM TINCTUM       | 2       |    |    | 2  |    |    |    |    |    |    |    |    | 1  |    |
| LAEVICARDIUM PICTUM       | 1       |    |    |    |    |    | 2  |    |    |    | 5  |    |    |    |
| PAPYRIDEA SOLENIFORMIS    |         |    |    | 2  |    |    |    |    |    |    |    |    |    |    |
| TELLINA LISTERI           |         |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| CORBULA DIETZIANA         | 1       |    |    | 1  | 1  |    |    |    |    |    |    |    |    |    |
| HIATELLA ARCTICA          |         |    |    | 3  |    |    |    |    | 1  |    |    |    |    |    |
| CHAMA MACEROPHYLLA        |         |    |    |    |    | 1  |    |    |    |    |    |    |    |    |
| SEMIROSSIA TENERA         |         |    |    |    | 2  |    |    |    |    |    |    | 1  |    |    |
| LOLIGO SP.                |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |
| LOLIGO PEALEII            |         |    |    | 13 |    |    |    |    |    |    | 1  |    |    |    |
| LOLIGO PLEI               |         |    |    | 6  |    |    |    |    |    |    | 1  |    |    |    |
| OCTOPUS SP.               |         |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| OCTOPUS JOUBINI           |         |    |    | 1  |    |    |    |    |    |    | 2  |    | 2  |    |
| OCTOPUS VULGARIS          |         |    |    | 1  |    | 2  |    |    | 2  |    |    |    |    |    |
| ANOPLODACTYLUS LENTUS     |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| ACASTA CYATHUS            |         |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| PENAEIDAE                 |         |    |    | 1  |    |    |    | 1  |    |    |    |    |    |    |
| TRACHYPENAEUS CONSTRICTUS |         | 1  |    |    |    |    |    |    |    |    | 1  |    |    |    |
| METAPENAEOPSIS SP.        |         |    |    |    |    |    |    |    |    |    | 5  |    |    |    |
| METAPENAEOPSIS GOODEI     | 1       |    |    | 2  |    |    |    | 8  |    |    | 30 |    |    |    |
| SICYONIA BREVIROSTRIS     |         | 11 |    | 3  | 1  |    |    |    |    |    |    | 1  | 1  |    |
| SICYONIA TYPICA           |         |    |    |    |    |    |    |    |    |    | 2  |    |    |    |
| SOLENCERA SP.             |         | 2  |    |    |    |    |    |    |    |    |    |    |    |    |
| SOLENCERA ATLANTIDIS      |         | 2  |    | 5  |    |    |    |    |    |    |    |    |    |    |

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LISTING OF OTTER TRAWL DATABASE (OTH),  
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| TAXON                      | STATION |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                            | 01      | 03 | 07 | 09 | 10 | 11 | 13 | 15 | 17 | 19 | 23 | 27 | 29 | 30 |
| LEPTOCHELA SERRATORBITA    |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |
| LEPTOCHELA CARINATA        |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| ANCHISTIODES ANTIGUENSIS   |         |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| PERICLIMENES AMERICANUS    |         |    |    | 1  |    |    |    | 1  |    |    |    |    |    |    |
| PERICLIMENES PEDERSONI     |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| ALPHEUS FLORIDANUS         |         | 3  |    |    |    |    |    |    |    |    |    |    |    |    |
| ALPHEUS SP. A              |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| SYNALPHEUS SP.             |         |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| SYNALPHEUS HERRICKI        |         |    |    |    |    |    |    |    |    | 5  |    |    | 1  |    |
| SYNALPHEUS LONGICARPUS     |         |    |    |    |    |    |    | 2  |    | 1  |    |    |    |    |
| SYNALPHEUS PANDIONIS       |         |    |    | 2  | 1  |    |    | 2  |    |    |    |    |    |    |
| SYNALPHEUS TOWNSENDI       |         | 1  |    | 19 | 3  |    | 2  |    | 5  |    |    |    |    |    |
| LYSMATA RATHBUNAE          |         |    |    | 1  |    |    |    | 1  |    |    |    |    |    |    |
| TOZELMA SERRATUM           | 1       | 3  |    | 7  |    |    |    | 1  | 1  | 4  |    |    |    |    |
| TRACHYCARIS RESTRICTUS     |         | 1  |    |    |    |    |    |    |    |    |    |    | 2  |    |
| PROCESSIDAE                |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| NIKOIDES SCHMITTI          |         |    |    |    |    |    |    | 2  |    |    |    |    |    |    |
| PROCESSA TENUIPES          |         |    |    |    |    |    |    |    |    |    |    |    |    |    |
| STENOPUS SCUTELLATUS       |         |    |    | 1  |    | 3  |    |    | 1  |    | 15 |    | 3  | 4  |
| SCYLLARUS DEPRESSUS        |         |    |    |    |    | 1  |    |    |    |    |    |    |    |    |
| SCYLLARUS AMERICANUS       |         |    | 1  |    |    |    | 3  |    |    | 1  | 12 |    |    | 4  |
| SCYLLARUS CHACEI           |         | 2  |    | 2  | 1  |    |    |    |    |    |    |    | 1  |    |
| SCYLLARIDES NODIFER        |         |    |    |    |    | 1  |    |    |    |    |    |    |    |    |
| IRIDOPAGURUS CARIBBENSIS   |         | 1  |    |    |    |    |    |    |    |    |    |    |    |    |
| MANUCOMPLANUS CORALLINUS   |         | 1  |    | 1  | 1  |    |    |    |    |    |    |    | 3  |    |
| PHIMOCHIRUS HOLTHUISI      |         |    | 1  |    | 2  |    |    |    |    | 1  | 1  |    |    | 3  |
| MUNIDA CF. ANGULATA        |         | 1  |    | 3  |    |    |    |    |    | 1  |    |    |    |    |
| MUNIDA PUSILLA             |         | 2  |    | 47 | 47 | 4  |    |    | 7  |    |    |    |    |    |
| MUNIDA CF. SIMPLEX         |         | 1  |    |    |    |    |    |    | 2  |    |    |    |    |    |
| GALATHEA ROSTRATA          |         | 1  |    | 6  | 4  |    |    |    | 5  |    |    |    | 3  |    |
| PETROLISTHES GALATHINUS    |         |    |    |    |    |    | 1  |    |    | 7  |    |    |    |    |
| PACHYCHELES RUGIMANUS      |         |    |    |    |    |    |    |    | 2  |    |    |    |    |    |
| DARDANUS INSIGNIS          |         |    |    | 2  |    |    |    |    |    |    |    |    |    |    |
| PAGURISTES HERNANCORTEZI   |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| PAGURISTES SERICEUS        |         |    | 3  |    |    |    |    |    |    |    |    |    | 1  |    |
| PETROCHIRUS DIOGENES       |         |    | 2  |    |    |    |    |    |    |    |    |    |    |    |
| DROMIDIA ANTILLENIS        |         | 2  |    | 4  | 3  |    |    | 2  | 3  | 3  |    |    | 2  |    |
| HYPOCONCHA SPINOSISSIMA    |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| HOMOLA BARBATA             |         |    |    |    |    | 1  |    |    |    |    |    |    |    | 6  |
| ETHUSA MASCARONE AMERICANA |         | 1  |    |    |    |    |    |    |    |    |    |    |    |    |
| ETHUSA TENUIPES            |         |    |    |    | 1  |    |    |    | 1  |    |    |    |    |    |
| CALAPPA SP.                |         | 1  |    |    |    |    |    |    |    |    |    |    |    |    |

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| TAXON                           | STATION |    | 07 | 09 | 10 | 11 | 13 | 15 | 17 | 19 | 23 | 27 | 29 | 30 |
|---------------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                                 | 01      | 03 |    |    |    |    |    |    |    |    |    |    |    |    |
| CALAPPA FLAMMEA                 | 1       |    | 2  |    |    |    |    |    |    | 1  |    |    |    |    |
| CALAPPA ANGUSTA                 |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| OSACHILA ANTILLENIS             |         |    |    |    | 2  |    |    |    |    |    |    |    |    |    |
| OSACHILA SEMILEVIS              | 1       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| OSACHILA TUBEROSA               |         |    |    |    | 2  | 2  |    |    |    |    |    |    |    |    |
| CALLIDACTYLUS ASPER             | 1       |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| ILIACANTHA SP.                  |         |    |    |    |    |    |    |    |    |    |    | 1  |    |    |
| ILIACANTHA INTERMEDIA           |         |    |    |    |    |    |    |    |    | 4  |    |    |    |    |
| ILIACANTHA SPARSA               |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |
| ILIACANTHA SUBGLOBOSA           |         |    |    |    |    | 1  |    |    |    |    | 1  |    |    |    |
| RANINOIDES LOEVIS               | 1       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| SYMETHIS VARIOLOSA              |         |    |    |    |    |    |    | 2  |    |    |    |    |    |    |
| COLLODES TRISPINOSUS            | 1       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| ARACHNOPSIS FILIPES             |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| MACROCOELOMA CAMPTOCERUM        | 1       |    |    |    |    |    | 2  |    |    | 3  |    |    |    |    |
| MACROCOELOMA EUTHECA            |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |
| MACROCOELOMA SEPTemspinosum     | 1       | 1  |    |    | 2  | 1  |    |    |    |    |    |    |    |    |
| MACROCOELOMA TRISPINOSUM        | 1       |    | 2  |    |    |    | 1  |    |    |    |    |    |    |    |
| METOPORHAPHIS CALCARATA         |         |    |    |    |    |    | 3  |    |    |    |    |    |    |    |
| MITHRAX (MITHRAX) ACUTICORNIS   |         | 1  |    |    |    | 1  |    |    |    |    | 2  |    |    |    |
| MITHRAX (MITHRAX) PLEURACANTHUS | 1       |    |    |    | 13 |    | 1  | 1  |    | 1  |    | 1  |    |    |
| MITHRAX (MITHRACULUS) FORCEPS   |         |    |    |    |    |    | 16 | 3  |    | 2  |    |    |    |    |
| PITHO LHERMINIERI               |         |    |    |    | 1  |    |    |    |    | 1  |    |    | 1  |    |
| PODOCHELA GRACILIPES            | 1       |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| PODOCHELA LAMELLIGERA           |         |    |    | 2  | 1  | 4  |    |    |    |    |    |    |    |    |
| PODOCHELA RIISEI                |         |    |    |    |    |    | 2  |    |    | 1  |    |    |    |    |
| PODOCHELA SIDNEYI               | 1       | 1  |    |    |    |    |    |    |    | 1  |    |    | 1  |    |
| STENOCIONOPS FURCATA FURCATA    | 1       | 1  | 1  |    |    | 1  |    | 1  | 1  |    |    |    |    |    |
| STENOCIONOPS SPINIMANA          |         |    |    |    | 2  |    |    |    |    |    |    |    |    |    |
| STENORHYNCHUS SETICORNIS        |         | 2  |    | 8  | 3  | 6  | 3  | 4  | 8  | 18 | 8  | 2  |    | 10 |
| TYCHE EMARGINATA                | 1       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| PARTHENOPE AGONA                |         | 1  |    |    | 1  |    |    |    |    |    |    |    |    |    |
| PARTHENOPE FRATERCULUS          |         |    |    |    | 13 | 6  |    |    |    |    | 4  |    |    |    |
| PARTHENOPE GRANULATA            | 1       | 1  |    |    |    |    |    |    |    |    |    |    |    |    |
| PARTHENOPE SERRATA              | 1       | 1  |    |    |    |    |    |    |    | 2  |    |    |    |    |
| PORTUNUS SPINICARPUS            | 2       | 1  | 4  | 1  | 1  |    |    |    |    |    | 1  | 1  |    |    |
| PORTUNUS SPINIMANUS             |         |    |    |    |    |    |    |    |    | 3  |    |    |    |    |
| PORTUNUS ORDWAYI                | 1       | 1  |    |    |    |    |    |    |    |    | 1  |    |    |    |
| CARPOPORUS PAPULOSUS            |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| LOBOPILUMNUS AGASSIZI           |         |    | 3  |    |    |    | 1  |    |    | 10 |    |    |    |    |
| MICROPANOPE LAEVIMANUS          | 1       |    |    |    |    |    |    | 2  | 1  |    |    |    |    |    |
| MICROPANOPE SCULPTIPES          |         |    |    |    | 3  | 1  |    |    |    |    |    |    |    |    |

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|-----------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                             | 01      | 03 | 07 | 08 | 10 | 11 | 13 | 15 | 17 | 19 | 23 | 27 | 29 | 30 |
| MICROPANOPE SP. A           |         | 2  |    |    |    |    |    |    |    |    |    |    |    |    |
| MELYBIA THALAMITA           |         |    |    |    |    |    |    |    |    |    | 1  |    | 1  | 1  |
| PILUMNUS DASYPODUS          |         |    | 2  |    |    |    |    |    |    |    | 5  |    |    |    |
| PILUMNUS FLORIDANUS         |         | 1  |    | 3  |    |    |    |    |    |    |    |    |    |    |
| PILUMNUS SAYI               |         |    | 1  |    |    |    | 2  | 1  |    |    | 23 |    |    |    |
| PSEUDOMEDAEOUS AGASSIZI     |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| EURYPLAX NITIDA             |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| EUCHIROGRAPUS AMERICANUS    |         |    |    |    |    | 3  |    |    |    |    |    |    |    | 1  |
| PALICUS AFFINIS             |         | 1  |    |    |    | 1  |    |    |    |    | 3  |    |    |    |
| PALICUS ALTERNATUS          |         | 4  |    |    |    |    |    |    |    |    |    |    |    |    |
| PALICUS FAXONI              |         |    |    |    | 2  | 2  |    |    |    |    |    |    |    |    |
| MEIOSQUILLA QUADRIDENS      |         |    |    | 3  |    |    |    |    |    |    | 1  |    |    |    |
| GONODACTYLUS BREDINI        |         |    | 2  |    |    |    | 1  | 1  |    |    | 1  |    |    |    |
| GONODACTYLUS TORUS          |         |    |    |    |    | 1  |    |    |    |    | 1  |    |    |    |
| PSEUDOSQUILLA CILIATA       |         |    |    |    | 1  |    |    |    |    |    |    | 1  |    |    |
| AMATHIA CONVOLUTA           |         |    |    | X  |    |    |    | X  | X  |    |    |    |    |    |
| AMATHIA DISTANS             |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| PARELLISINA LATIROSTRIS     |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| STEGANOPORELLA MAGNILABRIS  | X       | X  | X  | X  | X  | X  | X  |    | X  |    | X  | X  |    | X  |
| LABIOPORELLA GRANULOSA      |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| CELLARIA IRREGULARIS        |         |    |    | X  |    |    |    |    | X  |    |    |    |    |    |
| NELLIA OCVLATA              | X       |    |    | X  |    |    |    | X  | X  | X  |    |    |    |    |
| BUGULA NERITINA             | X       |    |    | X  |    |    |    | X  | X  | X  |    |    |    |    |
| BUGULA CF. FULVA            |         |    |    | X  |    |    |    |    |    |    |    |    | X  |    |
| SCRUPOCELLARIA REGULARIS    |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| CUPULADRIA BIPOROSA         | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| HIPPOMETRALIELLA BISINUATA  |         |    |    | X  |    |    | X  |    | X  | X  |    |    |    |    |
| CIGCLISULA PERTUSA          |         |    |    |    | X  |    |    |    |    | X  |    |    |    |    |
| STYLOPOMA SPONGITES         | X       | X  | X  | X  | X  | X  |    |    | X  | X  |    | X  |    |    |
| GEMELLIPORA GLABRA          |         |    |    |    |    | X  |    |    |    |    |    |    |    |    |
| SERTELLA MARSUPIATA         |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| RETEPORELLINA EVELINAE      | X       |    |    | X  |    |    |    |    |    |    |    | X  |    |    |
| BRACEBRIDGIA SUBSULCATA     |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| TETRAPLARIA DICHOTOMA       |         |    |    |    |    |    |    |    | X  |    |    |    |    |    |
| HIPPALIOSINA ROSTRIGERA     |         |    | X  |    |    |    |    |    |    | X  |    |    |    |    |
| CELLEPORARIA ALBIROSTRIS    |         | X  | X  |    |    |    |    | X  | X  | X  |    | X  | X  |    |
| CELLEPORARIA MAGNIFICA      | X       | X  |    | X  | X  | X  |    |    | X  | X  |    | X  | X  |    |
| PARASMITTINA TRISPINOZA     |         |    |    | X  |    |    |    |    | X  | X  |    |    |    |    |
| IDMIDRONEA ATLANTICA        |         | X  |    | X  |    |    |    |    | X  | X  |    |    |    |    |
| ENTALOPHORA PROBOSCIDEOIDES |         |    |    | X  |    |    |    |    |    |    |    |    |    | X  |
| LUIDIA CLATHRATA            |         | 2  |    |    |    |    |    |    |    |    |    |    |    |    |
| LUIDIA ALTERNATA            | 1       |    |    |    |    |    |    |    | 1  |    |    |    |    |    |

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|--|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|  | 01      | 03 | 07 | 09 | 10 | 11 | 13 | 15 | 17 | 19 | 23 | 27 | 29 | 30 |
| ASTROPECTEN DUPLICATUS                 | 1       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| CHAETASTER NODOSUS                     |         |    |    |    |    | 2  |    |    |    |    |    | 1  |    |    |
| GONIASTER TESSELLATUS                  |         |    |    |    |    |    |    |    | 3  |    |    |    |    |    |
| TOSIA PARVA                            |         |    |    |    | 2  |    |    |    |    |    | 1  |    |    |    |
| OREASTER RETICULATUS                   |         |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| NARCISSIA TRIGONARIA                   | 1       |    |    |    | 1  |    |    |    | 2  |    |    |    |    |    |
| PORANIELLA REGULARIS                   |         |    |    |    |    | 2  |    |    |    |    | 1  |    |    |    |
| ECHINASTER SP.                         | 3       | 1  |    | 2  | 2  | 4  | 1  |    |    | 6  |    |    |    | 1  |
| OPHIOMYXA FLACCIDA                     |         |    |    | 2  | 2  | 4  |    |    | 1  |    | 2  | 2  | 2  |    |
| ASTEROPORPA ANNULATA                   |         |    |    |    |    | 1  |    |    |    |    |    |    |    |    |
| ASTEROCYCLUS CAECILIA                  |         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| ASTEROPHYTON MURICATUM                 |         |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| OPHIURA SP.                            |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| OPHIOLEPIS ELEGANS                     | 2       |    | 4  | 4  | 2  |    |    |    | 1  | 6  |    | 1  |    |    |
| OPHIOPSILA SP.                         |         |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| OPHIODERMA BREVISPINUM                 |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| OPHIODERMA BREVICAUDUM                 |         |    |    |    | 1  |    |    |    |    |    | 2  |    |    | 1  |
| OPHIODERMA RUBICUNDUM                  |         |    |    |    |    |    |    |    |    |    | 8  |    | 3  | 5  |
| OPHIACTIS SAVIGNYI                     |         |    |    |    |    | 1  |    |    |    |    |    |    |    |    |
| OPHIACTIS MULLERI                      |         |    |    |    |    |    |    |    |    |    | 2  |    | 15 | 2  |
| OPHIACTIS ALGICOLA                     |         |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| OPHIOSTIGMA ISOCANTHA                  |         |    |    |    | 2  |    |    |    |    |    |    |    |    |    |
| OPHIOTHRIX ANGULATA                    | 2       |    |    | 7  | 15 | 2  |    |    | 6  |    | 17 | 2  | 2  |    |
| OPHIOTHRIX SUENSONII                   |         |    | 1  |    |    |    |    |    |    |    |    |    | 1  |    |
| EUCIDARIS TRIBULOIDES TRIBULOIDES      |         |    |    | 7  |    |    |    |    |    |    |    | 1  |    |    |
| STYLOCIDARIS AFFINIS                   |         |    |    |    | 4  |    |    |    | 3  |    | 2  |    |    |    |
| CENTROSTEPHANUS LONGISPINUS RUBRICINGU |         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| DIADEMA ANTILLARUM                     |         |    |    |    |    |    |    |    |    |    |    |    | 2  |    |
| ARBACIA PUNCTULATA                     |         |    | 2  |    |    |    | 1  |    | 1  |    |    | 1  | 1  |    |
| COELOPLEURUS FLORIDANUS                |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |
| GENOCIDARIS MACULATA                   |         | 1  |    | 11 |    |    |    |    | 1  |    | 1  |    |    |    |
| LYTECHINUS EUERGES                     |         |    |    |    |    | 3  |    |    |    |    |    |    |    |    |
| LYTECHINUS VARIEGATUS CAROLINUS        | 3       |    | 2  | 3  |    |    | 5  |    | 1  |    | 3  | 2  |    |    |
| CLYPEASTER LUTKENI                     |         |    |    | 1  |    |    |    |    |    | 1  |    |    |    |    |
| CLYPEASTER RAVENELII                   |         |    |    |    |    |    |    |    |    |    |    | 3  |    |    |
| THYONELLA PERVICAX                     |         |    |    |    |    |    | 1  |    |    |    |    |    |    |    |
| HOLOTHURIA SURINAMENSIS                |         |    |    |    |    |    |    |    |    | 2  |    |    |    |    |
| ASTICHOPUS MULTIFIDUS                  |         |    |    |    |    |    | 2  |    |    | 2  |    |    |    |    |
| ISOSTICHOPUS BADIOMOTUS                |         |    |    |    |    |    | 2  |    |    |    |    |    |    |    |
| NEMASTER DISCOIDEA                     |         |    | 3  |    |    |    |    |    |    |    |    |    | 1  |    |
| COMACTINIA MERIDIONALIS                |         |    |    |    |    |    |    |    |    |    |    |    | 1  | 1  |
| ANALCIDOMETRA ARMATA                   |         |    |    |    |    |    |    |    |    |    |    |    | 2  |    |
|  |         |    |    |    |    |    |    |    |    |    |    |    | 54 | 3  |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF OTTER TRAWL DATABASE (OTH),  
LIVE BOTTOM STATIONS -- FALL CRUISE.

| TAXON                       | STATION |     |    |    |    |    |    |    |    |    |    |    |    |    |
|-----------------------------|---------|-----|----|----|----|----|----|----|----|----|----|----|----|----|
|                             | 01      | 03  | 07 | 09 | 10 | 11 | 13 | 15 | 17 | 19 | 23 | 27 | 29 | 30 |
| RHABDOPLEURA COMPACTA       |         |     | X  | X  |    |    |    |    | X  |    |    |    |    |    |
| CYSTODYTES DELLECHIAJEI     |         |     | 1  |    |    |    | 1  |    |    |    |    |    |    |    |
| CLAVELINA GIGANTEA          |         | 1   | 5  |    |    | 1  |    |    |    |    |    |    |    |    |
| EUDISTOMA SP.               |         | 1   |    |    |    |    |    |    |    |    |    |    |    |    |
| EUDISTOMA CAPSULATUM        |         | 3   |    |    |    |    |    |    |    |    |    |    |    |    |
| POLYCLINUM CONSTELLATUM     |         | X   |    |    |    |    |    |    |    |    |    |    |    |    |
| APLIDIUM SP. 1              |         | 2   |    |    | 1  |    |    |    |    |    |    |    |    |    |
| DIDEMNUM CANDIDUM           |         | X   | X  | X  | X  | X  |    | X  | X  | X  |    | X  |    |    |
| TRIDIDEMNUM ORBICULATUM     |         | X   |    |    |    |    |    |    |    |    |    |    |    |    |
| TRIDIDEMNUM SAVIGNII        |         |     |    |    |    | X  |    |    |    |    |    |    |    |    |
| ECHINOCLINUM VERRILLI       |         | X   |    |    |    |    |    |    |    |    |    |    |    |    |
| POLYCARPA OBTECTA           |         |     |    |    |    |    | 1  |    |    |    |    |    |    |    |
| POLYCARPA CIRCUMARATA       |         |     | 3  |    |    |    |    |    | X  |    |    |    |    |    |
| POLYANDROCARPA FLORIDANA    |         |     |    |    |    |    |    |    |    |    |    |    |    |    |
| ANARCHIAS YOSHIAE           |         |     |    |    |    |    |    |    |    |    |    |    |    | 1  |
| GYMNOTHORAX NIGROMARGINATUS | 1       | 1   |    | 4  | 1  | 2  |    |    | 1  |    |    |    |    |    |
| HOPLUNNIS TENUIS            |         |     |    |    |    |    |    |    |    |    | 2  |    |    |    |
| OPHICHTHUS OCELLATUS        |         |     |    | 1  |    |    |    |    |    |    |    |    |    |    |
| SYNODUS SP.                 | 1       |     |    |    |    |    |    |    |    |    |    |    |    |    |
| SYNODUS FOETENS             | 4       | 1   | 2  | 1  |    |    | 2  | 3  |    | 2  |    |    |    |    |
| SYNODUS INTERMEDIUS         | 1       | 163 | 1  | 3  |    | 1  |    | 1  | 2  | 2  | 3  | 3  |    |    |
| SYNODUS POEYI               |         | 90  |    | 45 | 21 | 7  |    |    | 5  | 1  |    | 11 |    |    |
| SYNODUS SYNODUS             |         |     |    |    |    |    |    |    |    |    |    |    |    | 1  |
| SAURIDA BRASILIENSIS        |         |     |    | 11 | 3  |    |    |    | 15 |    |    |    |    |    |
| TRACHINOCEPHALUS MYOPS      |         | 1   | 1  | 1  | 1  |    | 1  |    |    |    |    |    |    |    |
| PORICHTHYS PLECTRODON       |         | 5   |    |    |    |    |    |    |    |    |    |    |    |    |
| OPSANSUS PARDUS             |         |     |    |    |    |    |    |    |    | 3  |    |    |    | 1  |
| GOBIESOCIDAE                |         |     |    |    |    |    |    |    |    | 1  |    |    |    |    |
| GOBIESOX SP.                |         |     |    |    |    |    |    |    |    | 1  |    |    |    |    |
| GOBIESOX STRUMOSUS          |         |     |    |    |    |    |    | 3  |    |    |    |    |    |    |
| ANTENNARIUS OCELLATUS       |         |     |    | 1  |    |    |    |    | 1  |    |    | 2  |    |    |
| OGCOCEPHALUS PARVUS         |         |     |    |    |    |    |    |    |    |    |    | 2  |    |    |
| OGCOCEPHALUS DECLIVIROSTRIS |         | 1   |    |    | 1  |    |    |    |    |    |    |    |    |    |
| OGCOCEPHALUS CORNIGER       |         | 1   |    |    |    |    |    |    | 2  |    |    |    |    |    |
| HALIEUTICHTHYS ACULEATUS    |         | 2   |    | 6  | 1  |    |    |    |    |    | 1  | 2  |    |    |
| OPHIDIUM BEANI              |         |     |    |    |    |    |    |    |    |    | 4  |    |    | 1  |
| OPHIDIUM HOLBROOKI          |         |     |    |    |    |    |    |    |    | 2  |    |    |    |    |
| OPHIDIUM DROMIO             |         |     |    |    |    |    |    |    |    |    | 6  |    |    |    |
| ADIORYX BULLISI             |         |     |    |    | 13 |    |    |    | 1  |    | 1  | 1  |    | 1  |
| AULOSTOMUS MACULATUS        |         |     |    |    |    |    |    |    |    |    | 1  |    | 1  | 1  |
| HIPPOCAMPUS ERECTUS         | 1       |     | 1  | 1  | 2  | 1  |    |    | 2  |    |    | 5  |    |    |
| HIPPOCAMPUS REIDI           |         |     |    |    |    |    |    |    |    |    | 1  |    |    | 2  |

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TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF OTTER TRAWL DATABASE (OTH),  
LIVE BOTTOM STATIONS -- FALL CRUISE.

| TAXON                      | STATION |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                            | 01      | 03 | 07 | 09 | 10 | 11 | 13 | 15 | 17 | 19 | 23 | 27 | 29 | 30 |
| CORYTHOICHTHYS ALBIROSTRIS |         |    | 1  |    |    |    |    |    |    |    |    | 1  |    |    |
| PONTINUS RATHBUNI          |         |    |    |    | 1  |    |    |    | 1  |    | 1  |    |    |    |
| SCORPAENA SP.              |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| SCORPAENA AGASSIZI         |         |    |    | 2  | 4  |    |    |    |    |    | 8  |    |    |    |
| SCORPAENA ALBIFIMBRIA      | 1       | 1  | 8  |    |    |    | 1  |    |    |    |    | 6  |    |    |
| SCORPAENA BRASILIENSIS     | 2       |    | 10 |    |    |    |    |    | 3  | 13 |    |    |    |    |
| SCORPAENA CALCARATA        |         |    | 2  |    |    |    |    |    |    | 1  |    | 4  |    |    |
| SCORPAENA DISPAR           |         |    |    | 2  |    |    |    |    |    |    | 8  |    |    | 5  |
| SCORPAENA INERMIS          | 2       |    |    |    | 2  |    |    |    |    |    |    |    |    |    |
| PRIONOTUS ALATUS           |         |    |    |    | 1  | 3  |    |    |    |    |    |    |    |    |
| PRIONOTUS MARTIS           |         |    |    | 3  |    |    |    |    |    |    |    |    |    |    |
| PRIONOTUS ROSEUS           | 1       | 1  | 13 |    |    |    |    |    | 3  |    |    | 1  |    |    |
| BELLATOR MILITARIS         | 1       |    | 4  |    |    |    |    |    |    |    |    |    |    |    |
| CENTROPRISTIS OCYURUS      |         |    | 2  |    |    |    |    |    | 2  |    |    |    |    |    |
| EPINEPHELUS MORIO          |         |    | 2  | 1  |    |    |    |    |    | 1  |    |    |    |    |
| EPINEPHELUS NIVEATUS       |         |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| DIPLECTRUM FORMOSUM        | 1       |    |    |    |    |    | 1  | 2  |    |    | 20 |    |    |    |
| SERRANICULUS PUMILIO       | 1       |    |    |    |    |    |    | 3  |    |    | 1  |    |    |    |
| SERRANUS SP.               |         |    |    | 2  |    |    |    |    |    |    |    |    |    |    |
| SERRANUS ANNULARIS         |         |    |    |    |    |    |    |    |    |    | 5  |    |    | 5  |
| SERRANUS CHIONARIA         |         |    |    |    |    |    |    |    |    |    |    |    |    | 13 |
| SERRANUS MOTOSPILUS        |         |    |    |    | 10 | 2  |    |    | 4  |    | 4  |    |    | 3  |
| SERRANUS PHOEBE            |         | 13 | 16 | 5  | 8  |    | 2  |    | 2  | 19 | 14 | 8  |    |    |
| SERRANUS SUBLIGARIUS       |         |    |    |    |    |    |    |    |    |    |    |    |    |    |
| SERRANUS TORTUGARUM        | 2       |    |    |    |    |    |    |    |    |    | 1  |    | 1  | 23 |
| SHULTZEA BETA              |         |    |    |    |    | 2  |    |    |    |    |    |    | 3  | 1  |
| LIOPROPOMA EUKRINES        |         |    |    |    |    |    |    |    |    |    |    |    |    | 2  |
| RYPTICUS BISTRISPINUS      |         |    | 1  | 4  | 2  |    |    | 2  |    |    | 4  | 4  |    |    |
| PRISTIGENYS ALTA           |         |    |    |    |    |    |    |    | 1  |    |    |    | 2  | 2  |
| APOGON AUROLINEATUS        |         | 2  |    | 7  |    |    |    |    |    |    |    |    |    |    |
| APOGON MACULATUS           |         |    |    | 4  |    |    |    |    | 3  |    | 12 | 3  |    |    |
| APOGON PSEUDOMACULATUS     |         |    |    |    |    |    |    |    |    |    |    |    |    | 12 |
| APOGON STELLATUS           |         |    |    |    |    |    |    | 2  |    | 18 |    | 2  |    |    |
| LUTJANUS GRISEUS           |         |    |    |    |    |    |    |    |    | 2  |    |    |    |    |
| LUTJANUS SYNAGRIS          |         |    |    |    |    |    |    |    |    | 4  |    |    |    |    |
| PRISTIPOMOIDES AQUILONARIS |         | 13 |    |    |    |    |    |    |    |    |    |    |    |    |
| HAEMULON AUROLINEATUM      | 1       |    |    |    |    |    |    |    |    | 6  |    |    |    |    |
| HAEMULON PLUMIERI          |         |    |    |    |    |    |    |    |    | 4  |    |    |    |    |
| HAEMULON STRIATUM          |         |    |    |    |    |    |    |    |    |    | 4  |    |    |    |
| CALAMUS CALAMUS            |         |    |    |    |    | 1  |    |    |    | 3  |    |    |    |    |
| EQUETUS LANCEOLATUS        | 1       |    | 7  |    |    |    |    |    |    | 3  |    |    |    |    |
| EQUETUS UMBROSUS           |         |    |    |    |    |    |    | 1  |    | 3  |    |    |    |    |

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LISTING OF OTTER TRAWL DATABASE (OTH),  
LIVE BOTTOM STATIONS -- FALL CRUISE.

| TAXON                      | STATION |    |    |    |    |    |    |    |    |    | 23 | 27 | 29 | 30 |   |
|----------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
|                            | 01      | 03 | 07 | 08 | 10 | 11 | 13 | 15 | 17 | 19 |    |    |    |    |   |
| CHAETODON OCELLATUS        |         |    |    |    |    |    |    |    |    |    |    |    |    |    | 3 |
| CHAETODON ACULEATUS        |         |    |    |    |    |    |    |    |    |    |    |    |    |    | 1 |
| CHAETODON ? SEDENTARIUS    |         |    |    |    |    |    |    |    |    |    |    |    |    |    | 1 |
| CENTROPYGE ARGY            |         |    |    |    |    |    |    |    |    |    |    |    |    |    | 1 |
| HOLACANTHUS BERMUDENSIS    |         | 2  |    |    |    |    |    |    |    |    |    |    |    |    |   |
| CHROMIS ENCHRYSURUS        |         |    |    |    | 2  |    |    |    |    |    | 8  |    |    |    |   |
| CHROMIS SCOTTI             |         |    |    |    |    |    |    |    |    |    |    |    |    |    | 1 |
| EUPOMACENTRUS VARIABILIS   |         |    |    |    |    |    | 1  |    |    |    |    |    | 4  |    |   |
| CRYPTOTOMUS ROSEUS         | 1       |    |    |    |    |    |    |    |    | 2  |    |    |    |    | 2 |
| SPARISOMA ATOMARIUM        |         |    |    |    |    |    |    |    |    |    |    |    | 3  |    | 2 |
| STARKSIA SP.               |         |    |    |    |    |    |    |    |    |    | 2  |    |    |    |   |
| CALLIONYMUS PAUCIRADIATUS  |         |    |    |    |    |    |    | 1  |    |    |    |    |    |    |   |
| GOBIOSOMA MACRODON         |         |    |    |    |    |    | 2  |    |    | 1  |    |    |    |    |   |
| RISOR RUBER                |         |    |    |    |    |    |    | 1  |    |    |    |    | 4  |    |   |
| PEPRILUS PARU              |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |   |
| CITHARICHTHYS GYMNORHINUS  |         | 19 |    | 24 | 1  |    |    |    | 5  |    |    |    |    |    |   |
| BOTHUS ROBINSI             | 1       | 1  |    | 5  |    |    | 2  |    | 2  | 2  |    |    | 3  |    |   |
| CYCLOPSETTA FIMBRIATA      |         | 3  |    |    |    |    |    |    |    |    |    |    |    |    |   |
| GASTROPSETTA FRONTALIS     |         | 2  |    |    |    |    |    |    |    |    |    |    |    |    |   |
| SYACIUM GUNTERI            |         | 1  |    |    |    |    |    |    |    |    |    |    |    |    |   |
| SYACIUM PAPILLOSUM         |         |    |    | 22 |    |    |    |    |    |    |    |    | 7  |    |   |
| SYMPHURUS SP.              |         |    |    |    |    |    | 2  |    |    | 1  |    |    |    |    |   |
| ALUTERUS SCHOEFFI          |         |    |    |    |    |    |    |    |    |    |    |    | 2  |    |   |
| ALUTERUS SCRIPTUS          |         | 2  |    |    |    |    |    |    |    |    |    |    |    |    |   |
| MONACANTHUS CILIATUS       |         | 1  | 3  | 6  | 1  | 2  | 1  | 1  | 4  | 9  | 8  | 8  | 11 | 5  |   |
| MONACANTHUS HISPIDUS       |         | 3  |    | 1  |    |    | 1  |    | 1  |    |    |    |    |    | 1 |
| MONACANTHUS SETIFER        | 6       |    |    | 1  |    |    |    |    |    |    | 3  |    |    |    |   |
| LACTOPHRYS QUADRICORNIS    | 1       | 1  | 1  | 2  |    | 1  |    |    |    | 5  |    |    |    |    |   |
| ACANTHOSTRACION POLYGONIUS |         |    |    |    |    |    |    |    |    |    | 2  |    |    |    |   |
| SPHOEROIDES DORSALIS       |         |    |    | 2  | 1  |    |    |    | 2  |    | 2  | 2  |    |    | 2 |
| SPHOEROIDES SPENGLERI      |         | 5  | 1  |    | 1  |    | 1  |    |    | 2  |    |    |    |    |   |
| CANTHIGASTER ROSTRATA      |         |    |    |    |    |    |    |    |    |    | 2  |    |    |    | 1 |
| CHILOMYCTERUS SCHOEFFI     | 2       |    |    |    |    |    |    |    |    |    |    |    |    |    |   |

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TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF OTTER TRAWL DATABASE (OTH),  
LIVE BOTTOM STATIONS -- SPRING CRUISE.

| TAXON                         | STATION |    | 07 | 08 | 10 | 11 | 13 | 15 | 17 | 19 | 21 | 23 | 27 | 29 | 30 |
|-------------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                               | 01      | 03 |    |    |    |    |    |    |    |    |    |    |    |    |    |
| CAULERPA SP.                  |         |    |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| CAULERPA TAXIFOLIA            |         |    |    |    |    |    |    |    |    |    |    |    | X  |    | X  |
| CAULERPA SERTULARIOIDES       |         |    |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| AVRAINVILLEA NIGRICANS        |         |    | X  |    |    |    |    | X  |    |    |    |    |    |    |    |
| HALIMEDA GRACILIS             |         | X  | X  | X  | X  | X  |    |    |    |    |    |    | X  |    |    |
| HALIMEDA SCABRA               |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| UDOTEA CONGLUTINATA           | X       |    | X  |    |    |    |    | X  |    |    |    |    |    |    |    |
| UDOTEA CYATHIFORMIS           | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| UDOTEA FLABELLUM              | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| PALMELLACEAE N. SP.           |         |    |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| CYSTODICTYON PAVONIUM         |         |    |    |    |    |    |    |    |    | X  | X  |    |    |    |    |
| ANADYOMENE MENZIESII          |         |    |    |    |    |    |    |    |    | X  | X  | X  |    | X  | X  |
| LOBOPHORA VARIEGATA           |         |    |    | X  |    | X  |    |    |    |    |    |    |    |    |    |
| SARGASSUM SP.                 | X       |    | X  |    |    | X  | X  | X  |    | X  | X  |    |    |    |    |
| SARGASSUM FILIPENDULA         |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |    |
| SARGASSUM FLUITANS            |         |    | X  |    |    |    |    |    |    |    |    | X  | X  |    |    |
| ROSENVINGEA INTRICATA         | X       |    |    |    |    |    | X  |    |    |    |    |    |    |    |    |
| AGARDHIELLA SUBULATA          |         |    |    |    |    |    |    |    |    |    | X  |    | X  |    |    |
| EUCHEUMA ISIFORME V. ISIFORME |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| GRACILARIA DEBILIS            | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| WURDEMANNIA MINIATA           | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| PEYSSONNELIA RUBRA            |         |    |    | X  | X  | X  |    |    |    |    |    | X  |    | X  |    |
| PEYSSONNELIA SIMULANS         |         |    |    | X  | X  | X  |    |    |    |    |    | X  |    |    |    |
| LITHOTHAMNIUM CALCAREUM       |         | X  |    | X  | X  | X  |    | X  |    | X  |    | X  |    |    |    |
| LITHOTHAMNIUM RUPTILE         |         |    |    | X  | X  | X  |    |    |    | X  |    | X  | X  | X  |    |
| MELOBESIA SP.                 |         |    |    |    | X  | X  |    |    |    |    |    | X  |    |    |    |
| CRYPTONEMIAEAE                |         |    |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| HALYMENIA BERMUDENSIS         |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |    |
| CHAMPIA PARVULA               | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| RHODYMENIA SP.                |         | X  |    | X  |    |    |    |    |    |    | X  |    |    |    |    |
| LEPTOFAUCHEA RHODYMENIOIDES   |         |    | X  |    |    |    |    |    |    |    |    | X  |    |    |    |
| MARIPELTA ATLANTICA           |         |    |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| DASYA BAILOUVIANA             |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| DASYOPSIS SPINULIGERA         |         |    |    |    | X  | X  |    |    |    |    |    |    |    |    |    |
| LAURENCIA INTRICATA           | X       |    | X  | X  |    |    |    |    |    |    |    |    |    |    |    |
| THALASSIA TESTUDINUM          |         |    |    |    |    |    |    |    |    |    |    |    | X  |    |    |
| SYRINGODIUM FILIFORME         |         |    |    |    |    |    |    |    |    |    |    |    |    | X  | X  |
| FORAMINIFERIDA                | X       | X  |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| CALCAREA                      |         | X  |    |    |    |    |    |    |    |    |    |    |    |    |    |
| LEUCETTA SP.                  |         |    |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| LEUCETTA ? FLORIDANA          |         |    |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| ? LEUCETTA SP.                |         |    |    |    |    | X  |    |    |    |    |    |    |    |    | X  |

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TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF OTTER TRAWL DATABASE (OTH),  
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| TAXON                             | STATION |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----------------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                                   | 01      | 03 | 07 | 08 | 10 | 11 | 13 | 15 | 17 | 19 | 21 | 23 | 27 | 29 | 30 |
| ? LEUCOSOLENIA SPP.               |         | X  |    | X  |    |    |    |    |    |    |    | X  |    |    |    |
| DEMOSPONGEA                       |         |    |    |    | X  |    |    |    |    |    |    | X  |    |    |    |
| SPONGIIDAE                        |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| HYATTELLA INTESTINALIS            |         | X  |    |    |    |    |    | X  | X  |    |    | X  |    |    | X  |
| IRCINIA CAMPANA                   |         | X  |    |    |    |    |    | X  | X  | X  |    |    |    | X  |    |
| IRCINIA STROBILINA                |         | X  |    |    |    | X  |    |    |    |    | X  | X  |    |    | X  |
| IRCINIA FELIX                     |         |    |    |    |    |    |    | X  |    |    | X  |    |    |    |    |
| IRCINIA SPP.                      |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| ? HYRTIOS SP.                     |         |    | X  |    |    |    | X  |    |    |    |    |    |    |    |    |
| DYSIDEA FRAGILIS                  |         |    |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| DYSIDEA SPP.                      |         | X  |    | X  | X  | X  |    |    | X  |    |    | X  |    |    |    |
| DYSIDEA ? FRAGILIS                |         |    |    |    |    |    |    |    | X  |    |    |    |    |    | X  |
| ? DYSIDEA SPP.                    |         |    |    |    |    |    |    | X  |    |    | X  |    |    |    |    |
| APLYSINA LACUNOSA                 |         |    |    |    |    |    |    |    |    |    |    |    |    | X  |    |
| APLYSINA FISTULARIS V. FISTULARIS |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |    |
| APLYSINA FISTULARIS V. FULVA      |         | X  | X  |    |    |    | X  | X  | X  |    | X  |    |    |    |    |
| AIOLOCHROIA CRASSA                |         |    |    |    |    |    | X  | X  |    |    |    | X  |    |    |    |
| CHELONAPLYSILLA SP.               |         |    |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| IGERNELLA ? NOTABILIS             |         |    |    | X  |    |    |    |    | X  |    |    | X  |    |    |    |
| DEMOSPONGEA-HAPLOSCLERIDA         |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| HALICLONA COMPRESSA               |         |    | X  |    |    |    | X  |    |    | X  |    |    |    |    |    |
| HALICLONA VIRIDIS                 |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| HALICLONA SPP.                    |         |    | X  |    |    |    | X  | X  |    |    | X  |    |    |    |    |
| HALICLONA ? MOLITBA               |         |    |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| NIPHATES ERECTA                   |         |    |    | X  |    | X  | X  | X  | X  |    | X  |    |    | X  |    |
| SPINOSSELLA PLICIFERA             |         |    |    |    |    |    |    | X  |    |    | X  |    |    |    |    |
| ? HALICLONA SPP.                  |         |    |    |    |    |    |    | X  |    |    | X  |    |    |    |    |
| NEPHELIOSPONGIIDAE                |         |    |    |    | X  | X  |    |    | X  |    |    | X  |    |    |    |
| XESTOSPONGIA SP.                  |         |    |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| XESTOSPONGIA SUBTRIANGULARIS      |         |    |    |    |    | X  |    |    |    |    |    | X  |    | X  | X  |
| XESTOSPONGIA MUTA                 |         |    |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| XESTOSPONGIA ? SUBTRIANGULARIS    |         |    |    |    | X  |    |    |    | X  |    |    |    |    |    |    |
| ? XESTOSPONGIA SP.                |         |    |    |    | X  |    |    |    | X  |    |    |    |    | X  | X  |
| ? CRIBROCHALINA SPP.              |         |    |    |    |    | X  |    |    |    |    |    |    |    | X  | X  |
| ? NEPHELIOSPONGIIDAE              |         |    |    |    |    | X  |    |    |    |    |    |    |    | X  |    |
| DEMOSPONGEA-POECIOSCLERIDA        |         |    | X  |    |    |    |    |    | X  |    |    |    |    |    |    |
| AGELAS ? DISPAR                   |         |    |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| MYCALE SP.                        |         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| MYCALE ? ANGULOSA                 |         |    |    | X  |    | X  |    |    |    |    |    |    |    |    |    |
| NEOFIBULARIA NOLITANGERE          |         |    |    |    | X  | X  |    | X  | X  |    | X  |    | X  |    |    |
| TEDANIIDAE                        |         |    |    |    |    |    |    | X  |    |    |    | X  |    |    |    |
| TEDANIA SP.                       |         |    |    |    |    |    |    | X  |    |    | X  |    |    |    |    |

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| TAXON                      | STATION |    | 07 | 09 | 10 | 11 | 13 | 15 | 17 | 19 | 21 | 23 | 27 | 29 | 30 |
|----------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                            | 01      | 03 |    |    |    |    |    |    |    |    |    |    |    |    |    |
| ACARNUS SP.                |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| ? LISSODENDORYX SP.        |         | X  |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| ? FORCEPIA SP.             |         |    |    |    | X  |    |    | X  | X  |    |    |    |    |    |    |
| MICROCIONIDAE              |         |    | X  |    |    |    |    |    | X  |    |    | X  |    |    |    |
| MICROCIONA PROLIFERA       |         |    |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| MICROCIONA SPP.            |         |    | X  | X  | X  |    |    |    |    |    |    |    |    |    |    |
| PANDAROS SP.               |         |    |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| ? HYMEDESMIA SP.           |         |    |    |    |    |    |    | X  |    |    |    | X  |    |    |    |
| BIEMNA SPP.                |         |    |    |    | X  | X  |    |    | X  |    |    | X  |    |    | X  |
| ? BIEMNA SPP.              |         |    |    |    |    |    |    |    |    |    |    | X  |    |    | X  |
| BUBARIS SPP.               |         |    |    |    | X  | X  |    |    |    |    |    | X  |    | X  | X  |
| ? BUBARIS SPP.             |         |    |    |    | X  | X  |    |    |    |    |    | X  |    |    |    |
| ? MICROCIONIDAE            |         |    |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| DEMOSPONGEA-HALICHONDRIIDA | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| HALICHONDRIA SPP.          |         |    |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| ? HALICHONDRIA SPP.        |         |    | X  | X  |    |    |    | X  |    |    |    | X  |    |    | X  |
| ? HALICHONDRIIDAE          |         |    |    | X  |    |    |    |    |    |    |    |    |    |    | X  |
| DEMOSPONGEA-HADROMERIDA    | X       |    |    |    | X  |    |    |    |    |    |    | X  |    |    |    |
| SPIRASTRELLA SP.           |         |    |    |    |    |    |    |    |    |    |    |    | X  |    |    |
| SPIRASTRELLA COCCINEA      |         |    |    |    |    |    |    | X  | X  |    |    |    | X  |    |    |
| SPIRASTRELLA ? COCCINEA    |         |    |    |    |    |    |    | X  | X  |    |    |    | X  |    |    |
| SPHECIOSPONGIA VESPARIUM   |         |    |    |    |    |    |    | X  | X  |    |    |    |    |    |    |
| ANTHOSIGMELLA VARIANS      |         |    |    |    |    |    | X  | X  | X  | X  |    |    |    |    |    |
| ? SPIRASTRELLA SP.         |         |    |    |    |    |    |    | X  | X  |    |    |    |    |    |    |
| PLACOSPONGIA MELOBESIOIDES | X       |    | X  |    |    | X  |    | X  | X  | X  | X  | X  |    |    |    |
| TETHYA SP.                 | X       |    | X  |    |    | X  |    |    |    |    |    |    |    |    |    |
| TETHYA ACTINIA             |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| ? LATRUNCULIA SP.          |         |    |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| EPIPOLASIS SPP.            |         |    | X  |    |    |    |    |    |    |    |    |    |    |    | X  |
| SCOLOPES MEGASTRA          |         |    |    |    |    |    |    | X  |    |    | X  |    |    |    |    |
| JASPIS SPP.                | X       |    |    |    | X  | X  |    |    |    |    | X  | X  |    |    | X  |
| ? JASPIS SPP.              |         |    |    |    |    |    |    | X  |    |    | X  | X  |    | X  | X  |
| ANCORINIDAE                |         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| MYRIASTRA SPP.             |         |    |    |    |    |    |    |    |    |    |    | X  |    |    | X  |
| MYRIASTRA ? CRASSISPICULA  |         |    |    |    |    | X  |    |    |    |    |    |    |    |    | X  |
| ? ANCORINA SP.             |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| GEODIA NEPTUNI             |         |    |    |    | X  | X  |    |    | X  |    |    | X  |    | X  | X  |
| GEODIA GIBBEROSA           |         |    |    |    |    |    | X  | X  |    | X  | X  |    |    |    |    |
| GEODIA ? GIBBEROSA         | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| ERYLUS FORMOSUS            |         |    |    |    |    |    |    |    |    |    |    | X  |    |    | X  |
| ERYLUS TRISPHAERA          |         |    |    |    |    |    |    |    |    |    |    | X  |    |    | X  |
| ERYLUS SPP.                |         |    |    |    |    |    |    |    |    |    |    |    |    |    | X  |

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|---------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                           | 01      | 03 | 07 | 09 | 10 | 11 | 13 | 15 | 17 | 19 | 21 | 23 | 27 | 29 | 30 |
| ? ERYLUS SPP.             |         |    |    |    |    | X  |    |    | X  |    |    |    |    |    |    |
| CINACHYRA SPP.            |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| CINACHYRA KUEKENTHALI     |         |    |    |    |    |    | X  | X  |    |    |    |    |    |    | X  |
| CINACHYRA ALLOCLADA       | X       |    | X  | X  | X  | X  | X  | X  | X  |    |    |    |    |    | X  |
| CHONDRILLA SP.            |         |    |    |    |    |    | X  |    | X  |    |    |    |    |    | X  |
| CHONDROSIA ? RENIFORMES   |         |    |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| CHONDROSIA SPP.           |         | X  |    |    |    |    |    | X  | X  |    |    | X  |    |    |    |
| ? ANCORINIDAE             |         |    |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| ? PACHASTRELLA SP.        |         |    |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| ? PLAKINASTRELLA SP.      |         |    |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| DEMOSPONGEA-LITHISTIDA    |         |    |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| DISCODERMIA SP.           |         |    |    |    |    | X  |    |    |    |    |    | X  |    |    | X  |
| AXINELLA POLYCAPELLA      | X       |    | X  |    |    |    |    |    |    |    |    | X  |    |    |    |
| AXINELLA SPP.             |         |    | X  |    |    |    |    |    |    |    |    | X  |    |    |    |
| HOMAXINELLA WALTONSMITHI  | X       |    | X  |    |    |    |    | X  |    |    |    |    |    |    |    |
| HOMAXINELLA RUDIS         |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| PSEUDAXINELLA LUNAECHARTA |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| ? TEICHAXINELLA SP.       |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| ? AXINELLA SPP.           |         |    |    |    |    |    |    | X  | X  |    |    |    |    |    |    |
| ? HIGGINSIA SP.           |         |    |    |    |    |    | X  |    |    |    |    |    |    |    |    |
| RASPAILIIDAE              |         |    |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| HEMECTYON SP.             |         |    |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| HEMECTYON ? PEARSEI       |         |    | X  |    |    |    |    |    |    |    |    | X  |    |    |    |
| EURYPONIDAE               |         |    | X  |    |    |    |    |    |    |    |    | X  |    |    |    |
| THALYSEURYPON SPP.        |         |    | X  |    |    |    |    |    |    |    |    | X  |    |    |    |
| ? THALYSEURYPON SP.       |         |    | X  |    |    |    |    |    |    |    |    | X  |    |    |    |
| EUDENDRIUM SP.            |         |    |    |    |    |    | X  |    |    |    | X  |    |    |    |    |
| EUDENDRIUM CARNEUM        |         |    |    |    |    |    | X  | X  | X  |    |    |    |    |    |    |
| CLYTIA CYLINDRICA         |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| LAFOEA FRUTICOSA          |         |    |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| LAFOEA DUMOSA             |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| HEBELLA VENUSTA           |         |    |    |    |    | X  |    |    | X  |    |    |    |    |    |    |
| ACRYPTOLARIA CONFERTA     |         |    |    |    | X  | X  |    |    |    |    |    |    |    |    |    |
| SERTULARELLA SP.          |         | X  |    |    |    |    | X  |    |    |    |    |    |    |    |    |
| SERTULARELLA PINNIGERA    |         | X  |    |    |    | X  | X  |    |    |    |    |    |    |    |    |
| SERTULARELLA CONICA       |         | X  |    |    |    |    | X  |    |    |    |    |    |    |    |    |
| DYNAMENA CORNICINA        |         |    |    |    | X  | X  | X  |    |    |    |    |    |    |    |    |
| DYNAMENA POURTALESI       |         | X  | X  |    | X  |    |    |    | X  |    |    |    |    |    |    |
| THYROSCYPHUS MARGINATUS   |         |    |    | X  |    |    | X  | X  | X  |    | X  |    | X  |    |    |
| HALECIUM SP.              |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| AGLAOPHENIA ELONGATA      |         | X  |    | X  | X  | X  |    |    | X  |    |    |    |    | X  |    |
| AGLAOPHENIA APOCARPA      |         |    |    |    |    | X  |    |    |    |    |    |    |    |    |    |

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|------------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                              | 01      | 03 | 07 | 09 | 10 | 11 | 13 | 15 | 17 | 19 | 21 | 23 | 27 | 29 | 30 |
| HALOPTERIS CLARKEI           |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |    |
| MONOSTAECIAS QUADRIDENS      | X       | X  |    |    |    |    | X  |    |    |    | X  |    |    |    |    |
| SYNTHECIUM TUBITHECIUM       |         |    |    | X  |    |    |    | X  |    |    |    |    |    |    |    |
| STEPHANOSCPHUS CORNIFORMIS   |         | X  | X  | X  | X  | X  |    |    |    |    |    |    | X  | X  |    |
| TELESTO SANGUINEA            |         | X  |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| LIGNELLA RICHARDI            |         |    |    |    |    |    |    |    |    |    |    |    |    | X  |    |
| THESEA PARVIFLORA            |         |    |    |    | X  | X  |    |    |    |    |    |    |    |    |    |
| LEPTOGORGIA STHENO           |         | X  |    |    |    |    |    |    |    |    |    |    |    |    |    |
| LEPTOGORGIA EURYALE          | X       |    |    | X  |    | X  |    |    |    |    |    |    |    |    |    |
| PSEUDOPTEROGORGIA ACEROSA    |         |    |    |    |    |    | X  |    |    |    |    |    |    |    |    |
| PTEROGORGIA GUADALUPENSIS    |         |    |    |    |    |    | X  |    |    |    |    |    |    |    |    |
| ELLISELLA ATLANTICA          | X       | X  |    |    | X  | X  |    |    |    |    |    |    |    |    |    |
| ANEMONE SP.                  |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| MADRACIS ASPERULA            |         |    |    | X  | X  | X  |    |    |    |    |    | X  |    |    | X  |
| MADRACIS FORMOSA             |         |    |    |    |    |    |    |    |    |    |    |    |    | X  |    |
| MADRACIS BRUEGGEMANNI        |         |    |    |    |    | X  |    |    |    |    |    | X  |    | X  |    |
| AGARICIA LAMARCKI            |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| AGARICIA FRAGILIS            |         |    |    |    |    |    |    |    |    |    |    |    |    | X  |    |
| AGARICIA FRAGILIS FRAGILIS   |         |    |    |    |    |    |    |    |    |    |    |    |    | X  |    |
| AGARICIA AGARICITES PURPUREA |         |    |    |    |    |    |    |    |    |    |    |    |    | X  |    |
| MANICINA AREOLATA            |         |    | 1  |    |    |    |    | 1  |    |    |    |    | 3  | 1  |    |
| CLADOCORA ARBUSCULA          | 1       |    | 1  |    |    |    |    | 1  |    |    |    |    |    |    |    |
| SOLENASTREA HYADES           | 1       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| MONTASTREA CAVERNOSA         |         |    |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| OCULINA DIFFUSA              |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| OCULINA TENELLA              |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| SCOLYMIA LACERA              |         |    |    |    |    |    |    | 2  |    |    |    |    |    |    |    |
| POLYCHAETA                   | X       | X  |    | X  | X  | X  | X  | X  | X  | X  | X  | X  |    | X  |    |
| DIODORA CAYENENSIS           |         |    | 1  |    |    |    |    |    |    |    |    |    |    |    |    |
| DIODORA DYSONI               |         |    | 2  |    |    |    |    |    |    |    |    |    |    |    |    |
| LUCAPINELLA LIMATULA         |         | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |
| CALLIOSTOMA TAMPAENSE        |         |    |    | 1  |    |    | 1  |    |    |    |    |    |    |    |    |
| TURBO CREMULATUS             |         |    | 1  |    |    |    |    |    |    |    |    |    |    |    |    |
| VERMICULARIA SP.             |         |    |    |    |    |    |    |    | 1  |    |    |    |    |    |    |
| VERMICULARIA SPIRATA         |         |    |    |    | 2  | 2  |    |    |    |    |    |    |    |    |    |
| VERMICULARIA KNORII          |         | 2  | 3  | 1  |    |    |    | 1  |    |    |    |    |    |    |    |
| TURRITELLA ACROPORA          |         |    |    |    | 1  |    |    | 1  |    |    |    |    |    |    |    |
| CREPIDULA ACULEATA           |         |    |    |    |    |    |    | 2  |    |    |    |    |    |    |    |
| CRUCIBULUM AURICULA          |         |    |    |    |    |    |    | 1  |    |    |    |    |    |    |    |
| XENOPHORA CONCHYLIOPHORA     |         |    |    |    | 1  |    |    | 1  |    |    |    |    |    |    |    |
| TRIVIA MALTBIANA             |         |    |    |    | 1  |    |    |    |    |    |    |    | 1  |    |    |
| PHALIVM GRANULATUM           |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |

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| TAXON                         | STATION |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-------------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                               | 01      | 03 | 07 | 08 | 10 | 11 | 13 | 15 | 17 | 19 | 21 | 23 | 27 | 29 | 30 |
| CYMATIUM VESPACEUM            |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| CYMATIUM PARTHENOPEUM         |         |    |    |    | 2  |    |    |    |    |    |    |    |    |    |    |
| FICUS CAROLAE                 |         |    |    | 3  |    |    |    |    |    |    |    |    |    |    |    |
| SILIQUARIA SQUAMATA           |         |    |    |    |    |    |    |    |    |    |    | 1  |    |    |    |
| CHICOREUS FLORIFER            |         |    |    |    |    |    |    | 2  |    | 1  |    |    |    |    |    |
| CHICOREUS N. SP. 1            |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| MUREX BELLEGLADENSIS          |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| CALOTROPHON ANDREWSI          |         |    |    |    |    |    |    | 1  |    |    |    |    |    |    |    |
| NASSARIUS CONSENSUS           |         | 1  |    |    |    |    |    | 1  |    |    |    |    |    |    |    |
| NASSARIUS FLORIDENSIS         |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| FASCIOLARIA LILIIUM TORTUGANA |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| FASCIOLARIA TULIPA            |         |    |    |    |    |    |    | 2  |    |    |    |    |    |    |    |
| FUSINUS EUCOSMIUS             |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| FUSINUS HELENAE               |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| PLEUROPLOCA GIGANTEA          |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| CONUS FLORIDANUS              |         |    |    |    |    |    |    |    |    |    |    |    | 1  |    |    |
| CONUS RAINESAE                |         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| CONUS FLAMINGO                |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| PETALIFERA RAMOSA             |         |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| PLEUROBRANCHIDAE              |         |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| PLEUROBRANCHAEA HEDGPETHI     |         | 1  | 3  | 9  |    |    |    |    |    |    |    | 1  | 1  |    | 1  |
| ? DISCODORIS SP.              |         | 1  |    |    |    |    |    |    |    |    | 2  |    |    |    |    |
| GLOSSODORIS EDENTICULATA      |         |    |    |    |    |    | 2  | 2  |    |    |    |    |    |    |    |
| CADLINA SP.                   |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| LAMELLIDORIS SP.              |         |    |    |    |    |    |    |    |    |    |    |    | 1  |    |    |
| DORIOPSISILLA AREOLATA        |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| PHYLLIDIOPSIS PAPPILLIGERA    |         |    |    |    |    | 2  |    |    |    |    |    |    |    |    |    |
| BORNELLA ? CALCARATA          |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| GASTROPODA EGGS               | X       | X  |    | X  | X  |    |    |    |    |    | X  |    |    | X  |    |
| BARBATIA DOMINGENSIS          |         |    |    |    |    |    |    |    |    |    |    | 1  |    |    |    |
| PINCTADA IMBRICATA            |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| PTERIA ? COLYMBUS             | 1       |    |    |    |    |    | 3  | 1  |    |    |    |    |    |    |    |
| CHLAMYS BENEDICTI             |         | 3  |    | 2  |    |    |    |    | 4  |    | 1  |    |    |    |    |
| PECTEN RAVENELI               |         |    |    |    |    |    | 4  |    |    |    | 1  |    |    |    |    |
| AEQUIPECTEN MUSCOSUS          | 1       |    |    | 2  |    |    | 1  | 1  |    |    | 1  |    |    | 1  |    |
| ARGOPECTEN GIBBUS             |         | 1  | 7  |    |    |    |    | 2  |    |    | 1  |    |    | 1  |    |
| LIMA PELLUCIDA                |         |    |    | 5  |    |    |    |    |    |    |    |    |    |    |    |
| LOPHA FRONS                   |         |    |    |    |    |    | 2  |    |    |    |    |    |    |    |    |
| NEMOCARDIUM TINCTUM           |         | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |
| LAEVICARDIUM PICTUM           |         | 3  | 1  | 3  |    |    | 1  |    |    |    | 1  |    |    |    |    |
| TELLINA PROBRINA              |         |    |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| HIAATELLA ARCTICA             |         |    |    |    |    |    |    |    | 1  |    |    |    |    |    |    |
|                               |         |    |    |    |    |    |    | 2  |    |    | 3  |    |    |    |    |

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| TAXON                      | STATION |     |    |    |    |    |    |     |    |    |    |    |    |    |    |
|----------------------------|---------|-----|----|----|----|----|----|-----|----|----|----|----|----|----|----|
|                            | 01      | 03  | 07 | 09 | 10 | 11 | 13 | 15  | 17 | 19 | 21 | 23 | 27 | 29 | 30 |
| CHAMA CONGREGATA           | 2       |     |    | 1  |    |    |    | 3   |    |    |    |    |    |    |    |
| CHAMA MACROPHYLLA          |         |     |    |    |    |    |    | 1   |    |    |    |    |    |    |    |
| SEMIROSSIA EQUALIS         |         | 14  |    | 18 | 3  | 2  |    |     |    |    |    |    |    |    |    |
| LOLIGO PLEI                |         |     |    |    |    |    |    |     |    |    |    |    | 54 |    |    |
| OCTOPUS JOUBINI            |         |     |    |    | 1  |    |    |     |    |    | 1  |    |    |    |    |
| OCTOPUS VULGARIS           |         |     |    |    |    |    |    |     | 1  |    | 1  |    |    |    |    |
| OCTOPUS ? VULGARIS         |         |     |    | 1  |    |    |    |     |    |    |    |    |    |    |    |
| ANOPLDACTYLUS INSIGNIS     | 1       |     |    | 1  |    |    |    |     | 1  |    |    |    |    |    |    |
| PALLENOPSIS SCHMITTI       |         |     |    | 3  | 2  | 1  |    |     | 5  |    |    | 1  |    |    |    |
| DICEROSCALPELLUM ARIETINUM |         |     |    | 6  |    |    |    |     | 2  |    |    |    |    |    |    |
| CONOPEA GALEATUS           |         |     |    |    |    |    |    | 2   |    |    |    |    |    |    |    |
| TRACHYPENAEUS CONSTRICTUS  |         |     |    |    |    |    |    | 2   |    |    |    |    |    |    |    |
| METAPENAEOPSIS SP.         |         |     |    |    |    |    |    | 1   |    |    |    |    |    |    |    |
| METAPENAEOPSIS GOODEI      |         | 160 | 1  | 2  | 1  |    |    | 123 |    |    | 36 |    |    | 2  |    |
| SICYONIA SP.               |         | 1   |    |    |    |    |    |     |    |    |    |    |    |    |    |
| SICYONIA BREVIROSTRIS      |         | 93  |    | 13 |    |    |    |     |    |    | 1  |    | 6  |    |    |
| SICYONIA TYPICA            |         |     | 2  |    |    |    |    | 3   |    |    |    |    |    |    |    |
| SICYONIA STIMPSONI         |         |     |    |    | 2  | 2  |    |     |    |    |    |    |    |    |    |
| SOLENOCERA ATLANTIDIS      |         | 172 |    | 39 | 3  |    |    |     |    |    | 6  |    |    |    |    |
| MESOPENAEUS TROPICALIS     |         |     |    | 9  | 73 | 1  |    |     |    |    |    |    |    |    |    |
| LEPTOCHELA CARINATA        |         |     |    | 1  |    |    |    |     |    |    |    |    |    |    |    |
| ANCHISTIODES ANTIGUENSIS   |         |     |    |    | 1  |    |    |     |    |    |    |    |    |    |    |
| PERICLIMENES SP.           |         |     |    |    |    |    | 1  |     |    |    |    |    |    |    |    |
| PERICLIMENES PEDERSONI     |         | 1   |    |    | 1  |    |    |     |    |    |    |    |    |    |    |
| PERICLIMENAEUS PERLATUS    |         |     |    |    |    |    |    |     | 1  |    |    |    |    |    |    |
| ALPHEUS SP.                |         |     |    | 1  |    |    |    | 1   |    |    |    |    |    |    |    |
| ALPHEUS NORMANNI           |         |     |    |    |    |    |    | 1   |    |    |    |    |    |    |    |
| ALPHEUS FLORIDANUS         |         | 5   |    |    |    |    |    |     |    |    |    |    |    |    |    |
| ALPHEUS FORMOSUS           |         |     |    |    |    |    |    |     |    |    |    |    |    |    | 1  |
| SYNALPHEUS SP.             |         |     |    |    |    |    | 3  |     | 2  |    |    |    |    |    | 1  |
| SYNALPHEUS LONGICARPUS     |         |     |    |    |    |    | 5  | 1   | 6  |    |    |    |    |    |    |
| SYNALPHEUS PANDIONIS       |         |     |    |    |    | 1  |    | 1   |    |    |    |    |    |    |    |
| SYNALPHEUS TOWNSENDI       |         | 2   |    | 3  |    |    |    |     | 11 |    |    |    |    | 1  |    |
| SYNALPHEUS BROOKSI         |         |     |    |    |    |    | 29 |     | 4  |    |    |    |    |    |    |
| TOZEUMA SP.                |         |     |    |    |    |    |    |     |    |    |    |    |    |    | 1  |
| TOZEUMA SERRATUM           | 8       | 1   |    | 8  | 1  |    | 1  | 1   |    |    |    |    |    |    |    |
| TOZEUMA CAROLINENSE        |         |     |    |    |    |    | 1  |     |    |    |    |    |    |    |    |
| TRACHYCARIS RESTRICTUS     |         | 1   |    | 1  |    |    |    |     |    |    |    | 1  |    |    |    |
| PROCESSIDAE                |         |     |    |    |    |    |    |     |    |    |    |    |    |    |    |
| NIKOIDES SCHMITTI          |         | 7   |    | 1  |    |    |    | 1   |    |    |    |    |    |    |    |
| PROCESSA SPP.              |         | 3   |    | 2  |    |    |    |     |    |    |    |    |    |    |    |
| PROCESSA BERMUDENSIS       |         |     |    |    |    |    | 2  |     |    |    |    |    |    |    |    |

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| TAXON                      | STATION |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
|----------------------------|---------|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|
|                            | 01      | 03 | 07 | 09  | 10 | 11 | 13 | 15 | 17 | 19 | 21 | 23 | 27 | 29 | 30 |
| PROCESSA TENUIPES          | 1       |    |    | 7   | 14 |    |    |    |    |    |    |    |    |    |    |
| PROCESSA VICINA            | 18      |    |    | 14  |    |    |    |    |    |    |    |    |    |    |    |
| STENOPUS SCUTELLATUS       |         |    |    | 1   |    |    |    |    | 1  |    |    |    |    |    | 1  |
| SCYLLARUS DEPRESSUS        |         |    |    |     | 1  | 3  |    |    |    |    |    | 2  |    |    |    |
| SCYLLARUS AMERICANUS       |         |    |    |     |    |    | 3  |    |    |    |    |    |    |    |    |
| SCYLLARUS CHACEI           | 12      |    |    |     | 1  |    |    |    |    |    |    |    | 2  |    |    |
| SCYLLARIDES MODIFER        |         |    |    |     |    |    |    |    |    |    | 1  |    |    |    |    |
| PAGURUS BREVIDACTYLUS      |         |    | 1  |     |    |    |    | 1  |    |    | 1  |    |    |    |    |
| PAGURUS STIMPSONI          |         |    |    |     |    |    | 18 |    |    |    |    |    |    |    |    |
| PAGURUS CAROLINENSIS       |         |    |    |     |    |    | 3  | 2  |    | 1  |    |    |    |    |    |
| MANUCOMPLANUS CORALLINUS   |         |    | 2  | 3   |    |    |    |    |    |    |    |    |    |    |    |
| PHIMOCHIRUS HOLTHUISI      |         |    |    | 2   | 2  |    | 1  |    | 1  |    |    |    |    |    |    |
| AGARICOCHIRUS BOLETIFER    |         |    |    |     |    | 1  |    |    |    |    |    |    | 1  |    |    |
| MUNIDA ANGULATA            | 6       |    |    | 6   |    |    |    | 1  | 3  |    |    |    |    |    |    |
| MUNIDA PUSILLA             | 277     |    |    | 210 | 66 | 13 |    |    |    |    |    |    |    |    |    |
| GALATHEA ROSTRATA          | 3       |    |    | 1   |    |    |    |    | 3  |    |    |    |    |    |    |
| PETROLISTHES GALATHINUS    |         |    |    |     |    |    | 3  |    |    | 1  |    |    |    |    |    |
| PACHYCHELES RUGIMANUS      |         |    |    |     |    |    |    |    |    |    | 1  |    |    |    |    |
| PACHYCHELES ACKLEIANUS     |         |    |    |     |    |    |    | 1  |    |    | 1  |    |    |    |    |
| DARDANUS FUCOSUS           |         |    |    |     |    |    |    |    |    |    | 2  |    |    |    |    |
| DARDANUS INSIGNIS          |         |    |    |     |    |    |    |    | 1  |    |    |    |    | 1  |    |
| PAGURISTES HERNANCORTEZI   |         |    |    |     | 1  |    |    |    |    |    |    |    |    |    |    |
| PAGURISTES PUNTIPEPS       |         |    |    |     |    |    | 2  |    |    | 1  |    |    |    |    |    |
| PAGURISTES SERICEUS        |         |    |    |     |    |    |    | 1  |    |    | 1  |    |    |    |    |
| PAGURISTES TORTUGAE        |         |    |    |     |    |    | 3  | 1  |    |    |    |    |    |    |    |
| DROMIDIA ANTILLENISIS      | 21      | 4  | 1  | 3   | 2  | 1  | 5  | 7  |    | 2  |    | 2  | 6  |    |    |
| HYPOCONCHA SABULOSA        |         |    |    |     |    |    | 1  |    |    |    |    |    |    |    |    |
| HYPOCONCHA SPINOSISSIMA    | 1       |    |    | 3   | 2  |    |    |    |    |    |    |    |    | 1  |    |
| HOMOLA BARBATA             |         |    |    |     | 1  |    |    |    |    |    |    |    |    |    |    |
| ETHUSA MASCARONE AMERICANA |         |    |    | 1   | 1  |    |    |    |    |    |    |    |    |    |    |
| ETHUSA TENUIPES            |         |    |    |     | 1  |    |    |    |    |    |    |    |    |    |    |
| CALAPPA ANGUSTA            |         |    |    |     |    | 1  |    |    |    |    |    |    |    |    |    |
| CYCLOES BAIRDI             | 1       |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| OSACHILA SEMILEVIS         |         |    |    |     |    |    |    |    | 1  |    |    |    |    |    |    |
| OSACHILA TUBEROSA          |         |    |    |     | 6  |    |    |    |    |    |    |    |    |    |    |
| LITHADIA GRANULOSA         |         |    |    | 1   |    |    | 1  |    |    |    |    |    |    |    |    |
| LITHADIA CADAVEROSA        |         |    |    |     | 2  |    |    |    |    |    |    |    |    |    |    |
| ILIACANTHA INTERMEDIA      |         |    |    | 2   |    |    |    |    |    |    |    |    |    |    |    |
| ILIACANTHA SPARSA          | 1       |    |    | 1   | 1  |    |    |    |    |    | 1  |    |    |    |    |
| ILIACANTHA SUBGLOBOSA      |         |    |    | 1   | 11 | 2  |    |    |    |    |    |    |    |    |    |
| SPELLOPHORUS PONTIFER      |         |    |    |     |    |    | 1  |    |    |    |    |    |    |    |    |
| EBALIA CF. STIMPSONI       |         |    |    |     |    |    |    | 1  |    |    |    |    |    |    |    |

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|----------------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                                  | 01      | 03 | 07 | 09 | 10 | 11 | 13 | 15 | 17 | 19 | 21 | 23 | 27 | 29 | 30 |
| RANINOIDES LOEVI                 |         | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |
| SYMETHIS VARIOLOSA               |         | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |
| COLLODES TRISPINOSUS             |         |    |    | 5  | 1  |    |    |    |    |    |    |    |    |    |    |
| MACROCOELOMA CAMPTOCERUM         | 1       |    |    |    |    |    | 1  |    |    |    |    |    |    |    |    |
| MACROCOELOMA SEPTENSPINOSUM      |         |    |    | 1  | 4  |    |    |    |    |    |    |    |    |    |    |
| MACROCOELOMA CF. TRISPINOSUM     |         |    |    |    |    |    |    | 7  |    |    |    | 4  |    |    |    |
| MACROCOELOMA TRISPINOSUM NODIPES |         |    |    |    |    |    |    |    |    |    |    | 1  |    |    |    |
| METOPORHAPHIS CALCARATA          |         |    |    |    |    |    | 1  |    |    |    |    |    |    |    |    |
| MITHRAX (MITHRAX) ACUTICORNIS    |         | 1  |    |    |    |    |    |    |    |    | 9  | 1  |    |    | 2  |
| MITHRAX (MITHRAX) HISPIDUS       |         |    |    |    |    |    |    | 1  |    |    |    |    |    |    |    |
| MITHRAX (MITHRAX) PLEURACANTHUS  | 5       |    | 2  |    |    |    | 2  | 6  | 1  | 2  | 4  |    |    |    |    |
| MITHRAX (MITHRACULUS) FORCEPS    |         |    |    |    |    |    |    | 3  |    |    |    |    |    |    |    |
| PODOCHELA GRACILIPES             |         |    |    | 6  | 1  | 1  |    |    |    |    |    | 1  |    |    |    |
| PODOCHELA LAMELLIGERA            |         | 2  |    | 5  | 4  | 7  |    |    |    |    |    |    |    |    |    |
| PODOCHELA RIISEI                 | 9       |    | 1  |    |    |    | 2  |    |    |    |    |    |    |    |    |
| PODOCHELA SIDNEYI                |         | 1  |    | 4  |    |    |    |    |    |    | 1  |    |    |    |    |
| STENOCIONOPS FURCATA FURCATA     |         | 1  |    | 2  | 1  | 1  |    |    |    |    |    |    |    | 3  |    |
| STENOCIONOPS FURCATA COELATA     | 1       |    |    |    |    |    |    | 2  |    |    | 12 |    |    | 1  |    |
| STENORHYNCHUS SETICORNIS         | 2       | 21 | 2  | 49 | 22 | 9  | 1  | 7  | 7  | 1  | 32 | 1  |    |    |    |
| PARTHENOPE AGONA                 | 1       | 35 |    | 15 | 11 |    |    |    |    |    | 1  |    |    |    |    |
| PARTHENOPE FRATERCULUS           |         |    |    | 1  | 2  | 5  |    |    |    |    |    | 1  |    |    |    |
| PARTHENOPE GRANULATA             |         |    | 1  |    |    |    |    |    |    |    | 1  |    |    | 1  |    |
| PORTUNUS GIBBESI                 |         |    |    |    |    |    | 1  |    |    |    |    |    |    |    |    |
| PORTUNUS SPINICARPUS             |         | 62 |    | 6  | 31 | 4  |    | 1  |    |    |    |    |    | 8  |    |
| PORTUNUS SPINIMANUS              |         |    | 1  | 1  |    |    |    |    |    |    |    |    |    |    |    |
| PORTUNUS ORDWAYI                 | 5       |    | 1  |    |    |    | 6  |    |    |    |    |    |    |    |    |
| PORTUNUS VOCANS                  |         |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| CARPOPORUS PAPULOSUS             |         |    |    | 2  | 1  |    |    |    | 2  |    |    |    |    |    |    |
| LOBOPILUMNUS AGASSIZI            |         |    |    |    |    |    | 2  |    |    |    |    |    |    |    |    |
| MICROPANOPE LAEVIMANUS           |         |    |    |    |    |    |    | 3  |    |    |    | 3  |    |    |    |
| MICROPANOPE SCULPTIPES           |         |    |    | 1  |    | 2  |    |    |    |    |    |    |    |    |    |
| MELYBIA THALAMITA                |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| PILUMNUS DASYPODUS               |         |    |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| PILUMNUS FLORIDANUS              |         | 1  |    |    |    |    |    | 1  | 4  |    | 6  |    |    |    |    |
| PILUMNUS SAYI                    |         |    |    |    |    |    | 6  |    |    | 6  |    |    |    |    |    |
| PSEUDOMEDAUS DISTINCTUS          |         |    |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| PARACTAEA RUFOPUNCTATA NODOSA    |         |    |    |    |    |    |    |    |    |    |    | 1  |    |    |    |
| TRAPEZIOPLEX TRIDENTATA          |         | 5  |    |    |    |    |    |    |    |    |    |    |    |    |    |
| EUCHIROGRAPSUS AMERICANUS        |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| PALICUS AFFINIS                  |         |    |    | 1  | 6  | 4  |    |    |    |    |    |    |    |    |    |
| PALICUS ALTERNATUS               |         | 15 |    |    |    |    |    |    |    |    |    |    |    |    |    |
| SQUILLA DECEPTRIX                |         | 15 |    | 5  | 4  |    |    |    |    |    |    |    |    |    |    |

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TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF OTTER TRAWL DATABASE (OTH),  
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| TAXON                       | STATION |    | 07 | 09 | 10 | 11 | 13 | 15 | 17 | 19 | 21 | 23 | 27 | 29 | 30 |
|-----------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                             | 01      | 03 |    |    |    |    |    |    |    |    |    |    |    |    |    |
| MEIOSQUILLA QUADRIDENS      |         | 14 |    | 6  | 3  | 2  |    |    |    |    |    |    |    |    |    |
| GONODACTYLUS BREDINI        | 2       |    | 1  |    |    |    | 1  | 3  | 1  |    | 2  |    |    |    |    |
| AMATHIA CONVOLUTA           |         |    | X  | X  | X  | X  |    | X  |    |    |    |    |    |    |    |
| AMATHIA CF. DISTANS         |         |    |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| APLOUSINA FILUM             | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| STEGANOPORELLA MAGNILABRIS  |         | X  |    | X  | X  | X  |    | X  | X  |    | X  | X  |    |    |    |
| CELLARIA SP.                |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| CELLARIA IRREGULARIS        |         |    |    | X  | X  |    |    |    | X  |    |    |    |    |    |    |
| NELLIA OCULATA              |         |    |    | X  |    |    | X  | X  | X  |    |    |    |    |    |    |
| BUGULA MERITINA             | X       |    |    |    |    |    | X  |    |    |    | X  |    |    |    |    |
| SCRUPOCELLARIA SP.          |         |    |    |    |    |    | X  |    | X  |    |    |    |    |    |    |
| SCRUPOCELLARIA REGULARIS    | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| CUPULADRIA BIPOROSA         |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| HIPPOPETRALIELLA BISINUATA  |         |    |    | X  |    |    |    |    | X  |    |    |    |    |    |    |
| CIGCLISULA CF. TURRITA      |         |    |    |    |    |    |    |    |    |    |    |    |    | X  |    |
| STYLOPOMA SPONGITES         |         | X  |    | X  |    |    |    | X  | X  |    |    |    |    |    | X  |
| HIPPOPORIDRA EDAX           |         |    |    |    | X  |    | X  |    |    |    |    |    |    |    |    |
| RHYNCHOZDON SP. A           |         | X  |    |    |    |    |    |    |    |    |    |    |    |    |    |
| RETEPORELLINA EVELINAE      |         |    |    |    | X  |    |    |    | X  |    |    |    |    |    |    |
| BRACEBRIDGIA SUBSULCATA     |         | X  |    | X  |    |    |    | X  |    |    | X  |    |    |    |    |
| REPTADEONELLA VIOLACEA      |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| BUSKEA DICHOTOMA            |         |    |    | X  |    | X  |    |    |    |    |    |    |    |    |    |
| CELLEPORARIA ALBIROSTRIS    |         |    | X  | X  |    |    | X  | X  | X  |    | X  |    | X  | X  |    |
| CELLEPORARIA MAGNIFICA      | X       | X  |    | X  | X  |    |    |    |    |    |    |    |    |    | X  |
| PARASMITTINA SP.            |         |    |    | X  | X  |    | X  |    |    |    |    |    |    |    |    |
| PARASMITTINA SPATHULATA     | X       |    |    | X  | X  |    |    |    | X  |    |    |    |    |    |    |
| IDMIDRONEA ATLANTICA        |         | X  | X  | X  | X  | X  |    |    |    |    | X  |    | X  |    |    |
| ENTALOPHORA PROBOSCIDEOIDES |         |    |    |    |    |    |    |    | X  |    | X  |    |    |    |    |
| CRISIA EBURNEA              |         |    |    | X  | X  |    |    |    |    |    |    |    |    |    |    |
| CRISIA ELONGATA             |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| CRISULIPORA ORIENTALIS      | X       | X  |    |    |    |    |    |    |    |    |    |    |    |    |    |
| DIAPEROECIA FLORIDANA       |         |    |    |    |    |    |    |    | X  |    |    |    |    | X  |    |
| LUIDIA CLATHRATA            |         |    |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| LUIDIA ALTERNATA            | 1       | 1  |    |    |    |    | 1  |    |    | 1  |    |    |    |    | 3  |
| LUIDIA SAGAMINA             |         |    |    |    | 2  |    |    |    |    |    |    |    |    |    |    |
| ASTROPECTEN DUPLICATUS      |         | 2  |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| ASTROPECTEN ARTICULATUS     |         | 1  |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| TETHYASTER GRANDIS          |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| CHAETASTER NODOSUS          |         |    |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| TOSIA PARVA                 |         |    |    |    | 2  | 1  |    |    |    |    |    |    |    |    |    |
| OREASTER RETICULATUS        |         |    |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| NARCISSIA TRIGONARIA        |         | 1  |    |    | 1  |    |    |    | 1  |    | 1  |    |    |    | 1  |

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LISTING OF OTTER TRAWL DATABASE (OTH),  
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| TAXON                             | STATION |    | 07 | 08 | 10 | 11 | 13 | 15 | 17 | 18 | 21 | 23 | 27 | 28 | 30 |
|-----------------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                                   | 01      | 03 |    |    |    |    |    |    |    |    |    |    |    |    |    |
| ASTERINA FOLIUM                   |         |    |    |    |    |    |    |    |    |    |    | 1  |    |    |    |
| PORANIELLA REGULARIS              |         |    |    |    |    |    |    |    |    |    |    | 4  |    |    |    |
| ECHINASTERIDAE                    |         |    | 1  |    |    |    |    |    |    |    |    |    |    |    |    |
| ECHINASTER SP.                    | 1       | 4  |    | 1  |    | 1  |    |    |    | 1  |    |    | 6  |    |    |
| ECHINASTER MODESTUS               |         |    |    |    |    | 5  |    |    |    |    |    |    |    |    |    |
| ECHINASTER SPINULOSUS             | 4       |    |    |    |    | 7  | 4  |    |    | 5  |    |    |    |    |    |
| OPHIOMYXA FLACCIDA                |         |    |    | 2  |    |    |    |    | 1  | 1  |    |    |    |    | 1  |
| ASTEROPHYTON MURICATUM            |         |    |    |    |    |    |    |    |    |    |    | 2  |    |    |    |
| OPHIURA SP.                       |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| OPHIOLEPIS ELEGANS                | 1       |    | 1  | 7  | 8  |    |    |    |    | 1  |    |    |    |    |    |
| OPHIODERMA BREVISPINUM            | 1       |    |    |    |    |    |    | 1  | 2  |    |    |    |    |    |    |
| OPHIODERMA RUBICUNDUM             |         |    |    |    |    |    |    |    |    |    |    | 1  |    |    |    |
| OPHIODERMA APPRESSUM              |         |    |    |    |    |    |    |    |    |    | 2  |    |    |    |    |
| OPHIODERMA SP. 2                  |         |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| OPHIODERMA SP. 1                  |         |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| OPHIACTIS MULLERI                 |         |    |    |    |    |    |    |    |    |    |    |    |    |    | 8  |
| OPHIOSTIGMA ISOCANTHA             |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    | 1  |
| OPHIOTHRIX ANGULATA               | 2       | 1  | 1  | 2  | 3  | 10 | 1  | 3  | 9  |    | 5  | 15 | 3  |    |    |
| OPHIOTHRIX SUENSONII              |         |    |    |    |    |    | 1  |    |    |    | 1  |    |    |    |    |
| EUCIDARIS TRIBULOIDES             |         |    |    |    |    |    |    |    | 3  |    |    |    |    |    |    |
| EUCIDARIS TRIBULOIDES TRIBULOIDES |         |    |    | 6  | 4  |    |    |    |    |    |    | 3  |    |    |    |
| STYLOCIDARIS AFFINIS              |         |    |    |    | 14 | 7  |    |    | 1  |    |    | 3  |    |    |    |
| ARBACIA PUNCTULATA                | 3       | 4  | 9  |    |    |    | 1  | 3  | 4  |    | 2  |    |    | 3  | 1  |
| GENOCIDARIS MACULATA              |         | 1  |    | 3  |    |    |    |    |    |    |    |    |    |    |    |
| LYTECHINUS VARIEGATUS CAROLINUS   | 2       | 4  |    |    |    |    |    | 5  |    |    |    | 1  | 1  |    |    |
| LYTECHINUS VARIEGATUS VARIEGATUS  |         |    |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| CLYPEASTER SUBDEPRESSUS           |         |    |    |    |    |    |    | 1  | 1  |    | 1  |    | 2  |    |    |
| CLYPEASTER CHERI                  |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| CLYPEASTER PROSTRATUS             |         | 1  |    | 2  |    |    |    |    |    |    | 1  |    | 1  |    |    |
| ENCOPE ABERRANS                   |         |    |    |    |    |    | 1  |    |    |    |    |    |    |    |    |
| ISOSTICHOPUS BADIONOTUS           | 1       |    | 3  |    |    |    |    |    | 2  | 1  |    |    |    |    |    |
| COMACTINIA ECHINOPTERA            |         |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| ANALCIDOMETRA ARMATA              |         |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| RHABDOPLEURA COMPACTA             | X       |    |    | X  |    |    | X  | X  |    |    |    |    | X  |    |    |
| ASCIDIACEA-APLOUSOBRANCHIA        |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| CLAVELINA GIGANTEA                |         |    | X  |    |    |    | X  |    |    |    | X  |    |    |    |    |
| CLAVELINA PICTA                   |         |    | X  |    |    |    |    |    |    |    | X  |    |    |    |    |
| CLAVELINA SP. 2                   | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| CLAVELINA SP. 1                   |         |    |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| DISTAPLIA BERMUDENSIS             | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| DISTAPLIA STYLIFERA               | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| EUDISTOMA CAPSULATUM              |         |    |    |    |    |    |    | X  |    |    |    | X  |    | X  |    |

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| TAXON                       | STATION |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                             | 01      | 03 | 07 | 09 | 10 | 11 | 13 | 15 | 17 | 19 | 21 | 23 | 27 | 29 | 30 |
| EUDISTOMA SP. 3             |         |    |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| EUDISTOMA SP. 2             |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| POLYCLINUM CONSTELLATUM     |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| APLIDIUM BERMUDA            | X       |    |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| APLIDIUM EXILE              |         | X  |    |    |    |    |    |    |    |    | X  |    | X  |    |    |
| APLIDIUM CONSTELLATUM       | X       |    |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| APLIDIUM SP. 3              |         |    |    | X  |    |    |    |    |    |    |    | X  |    |    |    |
| APLIDIUM SP. 2              |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| DIDEMNUM CANDIDUM           | X       | X  | X  | X  | X  | X  | X  | X  | X  |    | X  |    | X  | X  |    |
| TRIDIDEMNUM SAVIGNII        | X       |    |    |    |    |    | X  |    |    |    |    |    |    |    |    |
| TRIDIDEMNUM SP. 1           | X       |    |    |    |    |    | X  |    |    |    |    |    |    |    |    |
| ECHINOCLINUM VERRILLI       | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| ASCIDIA SP.                 |         |    |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| RHOPALAEA ABDOMINALIS       |         |    |    |    |    |    |    |    |    |    |    |    |    | X  |    |
| CNEMIDOCARPA SP. 1          |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| STYELA PARTITA              |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| STYELA PLICATA              | X       |    |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| POLYCARPA OBTECTA           |         |    |    | X  | X  |    | X  |    | X  |    |    |    |    |    |    |
| POLYCARPA CIRCUMARATA       |         |    |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| POLYANDROCARPA FLORIDANA    |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| MOLGULA OCCIDENTALIS        |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| RAJA GARMANI                | 1       |    | 5  |    |    |    |    |    |    |    |    |    |    |    |    |
| GYMNOTHORAX NIGROMARGINATUS |         |    | 1  | 1  | 4  | 2  |    |    |    |    |    |    |    |    | 4  |
| HOPLUNNIS MACRURUS          |         | 2  | 1  | 1  |    |    |    |    |    |    |    |    |    |    |    |
| SYNODUS FOETENS             | 3       | 1  | 4  |    |    |    |    |    |    |    | 1  |    |    |    |    |
| SYNODUS INTERMEDIUS         |         |    | 1  | 2  |    | 5  | 1  | 4  | 2  | 1  | 3  | 4  | 4  |    | 4  |
| SYNODUS POEYI               |         | 5  | 1  | 3  | 3  | 8  |    | 1  | 10 |    |    | 1  | 17 |    | 2  |
| SAURIDA BRASILIENSIS        |         |    | 3  |    |    |    |    |    | 1  |    |    |    |    |    |    |
| TRACHINOCEPHALUS MYOPS      |         | 2  |    | 1  |    |    |    |    | 1  |    |    |    |    |    |    |
| PORICHTHYS PLECTRODON       |         | 5  |    |    | 7  | 4  |    |    |    |    |    |    |    |    |    |
| OPSANSUS PARDUS             |         |    | 1  |    |    |    |    |    |    |    |    |    |    |    |    |
| GOBIESOX SP.                |         |    |    |    |    |    |    | 1  |    |    |    |    |    |    |    |
| ANTENNARIUS SP.             |         |    |    |    |    |    |    |    | 1  |    |    |    |    |    |    |
| ANTENNARIUS RADIOSUS        |         |    |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| OGCOCEPHALUS PARVUS         |         |    |    |    | 2  |    |    |    |    |    |    |    |    |    | 1  |
| OGCOCEPHALUS RADIATUS       |         | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |
| OGCOCEPHALUS DECLIVIROSTRIS |         | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |
| HALIEUTICHTHYS ACULEATUS    |         | 4  |    | 1  | 4  | 1  |    |    | 1  |    |    | 1  |    |    | 4  |
| UROPHYCIS REGIUS            |         |    |    | 5  |    |    |    |    | 3  |    |    |    |    |    |    |
| UROPHYCIS FLORIDANUS        |         | 13 |    | 2  | 1  |    |    |    |    |    |    |    |    |    |    |
| OPHIDIUM HOLBROOKI          |         | 1  |    |    |    |    |    | 2  |    |    | 10 |    |    |    |    |
| OPHIDIUM DROMIO             |         |    |    | 1  | 2  |    |    | 14 |    |    |    |    |    |    |    |

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| TAXON                      | STATION |    | 07 | 09 | 10 | 11 | 13 | 15 | 17 | 19 | 21 | 23 | 27 | 29 | 30  |
|----------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
|                            | 01      | 03 |    |    |    |    |    |    |    |    |    |    |    |    |     |
| HOLOCENTRUS RUFUS          |         |    |    |    |    |    |    |    |    |    |    |    |    |    | 2   |
| ADIORYX BULLISI            |         | 1  |    |    | 19 |    |    |    |    |    |    |    |    |    | 7   |
| HIPPOCAMPUS ERECTUS        | 3       |    | 2  |    | 3  | 8  | 1  |    | 1  | 1  |    | 4  |    |    |     |
| CORYTHOICHTHYS ALBIROSTRIS |         |    |    |    |    |    |    |    | 1  |    |    |    | 1  |    |     |
| NEOMERINTHE BEANORUM       |         | 1  |    |    |    |    |    |    |    |    |    |    |    |    |     |
| PONTINUS RATHBUNI          |         |    |    |    |    | 1  |    |    |    |    |    |    |    |    |     |
| SCORPAENA AGASSIZI         |         |    |    | 1  | 17 | 4  |    |    | 1  |    |    |    |    | 18 |     |
| SCORPAENA BRASILIENSIS     | 2       | 6  |    | 10 |    |    | 4  | 1  |    | 1  |    |    |    | 1  |     |
| SCORPAENA CALCARATA        |         |    |    |    |    |    |    |    | 1  |    |    |    |    |    |     |
| SCORPAENA DISPAR           |         |    |    |    | 3  | 2  |    |    |    |    | 1  |    | 8  |    | 3   |
| SCORPAENA ELACHYS          |         |    |    |    |    |    |    |    |    |    | 3  |    |    |    | 1   |
| SCORPAENA INERMIS          |         | 35 |    | 7  |    |    |    |    |    |    |    |    |    |    |     |
| PRIONOTUS SP.              |         |    | 1  |    |    |    |    |    |    |    |    |    |    |    |     |
| PRIONOTUS ALATUS           |         |    |    | 1  | 2  |    |    |    |    |    |    |    |    |    |     |
| PRIONOTUS MARTIS           | 3       |    |    |    |    |    | 3  |    |    |    |    |    |    |    |     |
| PRIONOTUS ROSEUS           | 3       |    | 1  |    |    |    | 1  | 1  | 1  |    |    |    |    |    |     |
| PRIONOTUS STEARNSI         |         |    |    | 1  |    |    |    |    |    |    |    |    |    | 2  |     |
| CENTROPRISTIS SP.          | 1       |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
| CENTROPRISTIS OCYURUS      |         | 2  |    |    | 1  |    |    |    | 4  |    |    |    |    |    |     |
| EPINEPHELUS MORIO          |         |    |    |    |    |    | 3  | 2  |    |    | 3  |    |    |    |     |
| DIPLECTRUM FORMOSUM        | 1       | 1  | 1  |    |    |    | 4  |    | 1  | 4  | 1  |    |    |    |     |
| DIPLECTRUM BIVITTATUM      |         |    |    |    |    |    | 1  |    |    |    |    |    |    |    |     |
| SERRANICULUS PUMILIO       | 1       |    |    |    |    |    | 6  |    |    |    | 1  |    |    |    |     |
| SERRANUS ANNULARIS         |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    | 3   |
| SERRANUS CHIONARIA         |         |    |    |    |    |    |    | 2  |    |    |    |    |    |    |     |
| SERRANUS MOTOSPILUS        |         | 7  |    | 13 | 14 | 11 | 6  |    | 7  |    |    | 5  |    |    |     |
| SERRANUS PHOEBE            |         |    |    | 1  | 12 | 22 |    |    | 2  |    | 5  | 40 | 13 |    |     |
| SERRANUS SUBLIGARIUS       |         |    |    |    |    |    | 1  |    |    |    |    |    |    |    |     |
| SERRANUS TABACARIUS        |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |     |
| SERRANUS TORTUGARUM        |         |    |    |    |    |    |    |    |    |    |    |    |    |    | 1   |
| SHULTZEA BETA              |         |    |    |    |    |    |    |    |    |    |    |    |    |    | 227 |
| HYPOPLECTRUS PUELLA        |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |     |
| RYPTICUS BISTRISPINUS      | 3       | 4  | 3  | 1  | 2  | 1  | 1  | 1  |    |    | 1  | 2  |    |    | 1   |
| RYPTICUS MACULATUS         |         |    |    |    |    | 2  | 1  |    |    |    |    |    |    |    |     |
| PRISTIGENYS ALTA           |         |    | 1  |    |    |    |    | 1  |    |    |    |    |    |    |     |
| APOGON SP.                 |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |     |
| APOGON AUROLINEATUS        |         | 2  |    |    |    |    | 2  |    |    |    | 7  |    |    |    |     |
| APOGON MACULATUS           |         | 11 |    | 3  |    |    |    |    |    |    | 9  | 7  |    |    |     |
| APOGON PIGMENTARIUS        |         | 1  |    |    |    |    | 3  |    |    |    |    |    |    |    |     |
| APOGON PSEUDOMACULATUS     |         | 13 |    | 1  | 4  |    |    |    |    |    | 1  |    |    |    | 32  |
| APOGON STELLATUS           |         |    |    |    |    |    |    | 2  |    |    |    |    |    |    |     |
| APOGON PILLIONATUS         |         |    |    |    |    |    |    |    |    |    |    |    |    |    | 8   |

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TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF OTTER TRAWL DATABASE (OTH),  
LIVE BOTTOM STATIONS -- SPRING CRUISE.

| TAXON                      | STATION |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                            | 01      | 03 | 07 | 08 | 10 | 11 | 13 | 15 | 17 | 19 | 21 | 23 | 27 | 29 | 30 |
| CHEILODIPTERUS AFFINIS     |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| PHAEOPTYX PIGMENTARIA      |         | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |
| DECAPTERUS PUNCTATUS       |         |    |    |    |    |    |    |    |    |    |    |    | 1  |    |    |
| RHOMBOPLITES AURORUBENS    |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| HAEMULON AUROLINEATUM      | 1       |    |    |    |    |    | 2  |    |    |    | 2  |    |    |    |    |
| ORTHOPRISTIS CHRYSOPTERA   |         |    |    |    |    |    | 2  |    |    |    |    |    |    |    |    |
| EQUETUS LANCEOLATUS        | 6       |    | 1  |    |    |    | 6  |    |    |    | 1  |    |    |    |    |
| EQUETUS UMBROSUS           |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| PSEUDUPENEUS MACULATUS     |         |    |    |    |    |    |    |    |    |    |    |    | 2  |    |    |
| CHAETODON OCELLATUS        |         |    |    |    |    |    |    |    | 1  |    |    |    |    |    |    |
| CHAETODON SEDENTARIUS      |         |    |    |    |    |    |    |    | 1  |    | 1  |    |    |    | 1  |
| CENTROPYGE ARGENTATA       |         |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| HOLACANTHUS TRICOLOR       |         |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| HOLACANTHUS BERMUDENSIS    |         |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| CHROMIS CYANEUS            |         |    | 3  |    |    |    |    |    |    |    |    |    |    |    | 1  |
| CHROMIS ENCHRYSURUS        |         |    |    |    |    |    |    |    |    |    |    | 1  |    |    | 48 |
| CHROMIS SCOTTI             |         |    |    |    |    |    |    |    |    |    |    |    | 1  |    | 29 |
| EUPOMACENTRUS PARTITUS     |         |    |    |    |    |    |    |    |    |    |    |    |    |    | 2  |
| CLEPTICUS PARRAI           |         |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| HALICHOERES POEYI          |         |    |    |    |    |    |    |    |    |    |    | 1  |    |    |    |
| SCARUS SP.                 | 1       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| CRYPTOTOMUS ROSEUS         | 1       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| SPARISOMA ATOMARIUM        |         |    |    |    |    |    |    |    |    |    |    |    |    |    | 14 |
| OPISTHOGNATHUS LONCHURUS   |         |    |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| HYPLEUROCHILUS BERMUDENSIS |         |    |    |    |    |    |    | 2  |    |    |    |    |    |    |    |
| STARKSIA SP.               |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| CALLIONYMUS BAIRDI         |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| CORYPHOPTERUS DICRUS       |         |    | 1  | 1  |    |    |    |    |    |    |    |    |    |    |    |
| GOBIOSOMA OCEANOPS         |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| BOLLMANNIA SP.             |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| VARICUS MARILYNAE          |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| CITHARICHTHYS GYMNORHINUS  |         |    |    |    |    |    |    |    |    |    |    |    | 2  |    |    |
| BOTHUS OCELLATUS           |         |    |    |    |    |    |    |    |    |    |    |    | 4  |    |    |
| BOTHUS ROBINSI             |         | 1  | 1  | 2  |    | 1  | 1  |    |    |    | 1  |    |    |    |    |
| CYCLOPSETTA FIMBRIATA      |         |    |    |    |    |    | 3  |    |    |    |    |    |    |    |    |
| SYACIUM PAPILLOSUM         | 1       | 49 |    | 24 | 14 |    | 2  | 3  | 4  | 1  | 5  |    | 20 |    |    |
| GYMNACHIRUS MELAS          |         |    |    |    |    |    |    | 1  |    |    |    |    |    |    |    |
| ALUTERUS SCRIPTUS          |         |    | 1  |    |    |    |    |    |    |    |    |    |    |    |    |
| MONACANTHUS CILIATUS       | 2       |    |    | 3  |    | 1  | 4  | 1  | 3  | 3  | 1  | 15 | 2  | 18 | 1  |
| MONACANTHUS HISPIDUS       | 1       |    |    |    |    |    | 1  |    |    |    |    |    |    |    |    |
| MONACANTHUS SETIFER        | 1       |    | 1  |    |    |    |    |    |    | 2  |    |    |    |    |    |
| LACTOPHRYS QUADRICORNIS    |         |    | 1  |    |    |    | 1  |    |    | 1  | 4  |    |    |    |    |

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 LISTING OF OTTER TRAWL DATABASE (OTH),  
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| TAXON                | STATION |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                      | 01      | 03 | 07 | 09 | 10 | 11 | 13 | 15 | 17 | 19 | 21 | 23 | 27 | 29 | 30 |
| SPHOERIDES DORSALIS  |         | 3  | 1  | 1  |    |    |    |    |    |    |    | 2  | 3  |    |    |
| SPHOERIDES SPENGLERI |         | 1  |    |    | 2  |    |    |    |    |    | 3  |    | 2  |    |    |
| DIODON HOLACANTHUS   |         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |    |

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LISTING OF OTTER TRAWL DATABASE (OTH),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE.

| TAXON                              | STATION |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|------------------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
|                                    | 01      | 03 | 07 | 09 | 11 | 13 | 15 | 21 | 23 | 29 | 32 | 35 | 36 | 38 |  |
| ENTEROMORPHA PLUMOSA               |         |    |    |    |    |    | X  |    |    |    |    |    |    |    |  |
| CODIUM ISTHMOCLADUM                |         |    |    |    |    | X  | X  | X  |    |    |    |    |    |    |  |
| PSEUDOCODIUM FLORIDANUM            |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |  |
| CAULERPA SERTULARIOIDES            |         |    |    | X  |    |    |    |    | X  |    |    |    |    |    |  |
| CAULERPA RACEMOSA V. MACROPHYSA    |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |  |
| CAULERPA PROLIFERA V. ZOSTERIFOLIA |         |    |    |    |    | X  |    |    |    |    |    |    |    |    |  |
| AVRAINVILLEA NIGRICANS             | X       |    | X  |    |    |    | X  |    |    |    |    |    |    |    |  |
| HALIMEDA GRACILIS                  |         | X  | X  |    |    |    |    |    |    |    |    |    |    |    |  |
| HALIMEDA INCRASSATA                |         |    |    |    | X  | X  |    |    |    | X  |    |    |    |    |  |
| UDOTEA CONGLUTINATA                |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |  |
| UDOTEA FLABELLUM                   |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |  |
| OSTREOBIUM QUEKETTII               |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |  |
| STRUVEA PULCHERRIMA                | X       | X  |    | X  | X  |    |    |    | X  |    |    |    | X  |    |  |
| CYSTODICTYON PAVONIUM              |         | X  |    |    |    |    |    | X  | X  |    |    |    |    |    |  |
| ANADYOMENE MENZIESII               |         |    |    | X  |    |    |    |    | X  | X  | X  |    |    |    |  |
| VALONIA VENTRICOSA                 |         |    |    |    |    |    |    |    | X  |    |    |    | X  |    |  |
| DICTYOPTERIS JAMAICENSIS           |         |    |    |    |    |    |    |    | X  | X  |    |    |    |    |  |
| DICTYOTA SP.                       |         |    | X  |    |    |    |    | X  | X  |    |    |    |    |    |  |
| DICTYOTA DIVARICATA                |         |    |    |    |    | X  |    |    |    |    |    |    |    |    |  |
| DICTYOTA LINEARIS                  |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |  |
| PADINA PROFUNDA                    |         |    |    |    |    |    |    |    | X  |    |    |    |    |    |  |
| LOBOPHORA SP.                      |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |  |
| SARGASSUM NATANS                   | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| SARGASSUM HYSTRIX V. BUXIFOLIUM    | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| SARGASSUM HYSTRIX V. HYSTRIX       |         |    |    |    |    | X  |    |    |    |    |    |    |    |    |  |
| SARGASSUM FILIPENDULA              |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |  |
| SARGASSUM FLUITANS                 |         | X  |    | X  | X  |    |    |    |    |    | X  | X  | X  | X  |  |
| SARGASSUM VULGARE                  |         |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| SPOROCHNUS PEDUNCULATUS            | X       | X  | X  |    |    |    | X  |    |    |    |    |    |    |    |  |
| SPOROCHNUS BOLLEANUS               |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |  |
| ROSENINGEA INTRICATA               |         | X  | X  |    |    | X  | X  |    |    |    |    |    |    |    |  |
| AGARDHIELLA RAMOSSISIMA            |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |  |
| AGARDHIELLA SUBULATA               |         |    |    | X  |    |    |    |    | X  |    |    |    |    |    |  |
| EUCHEUMA ISIFORME                  | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| EUCHEUMA ISIFORME V. ISIFORME      |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |  |
| EUCHEUMA ECHINOCARPUM              |         |    |    |    |    |    | X  |    |    |    |    |    |    |    |  |
| PLOCAMILUM BRASILIENSE             |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |  |
| GRACILARIA MAMILLARIS              | X       | X  | X  |    |    |    |    | X  |    |    |    |    |    |    |  |
| GRACILARIA BLODGETTII              |         |    |    |    |    | X  |    |    |    |    |    |    |    |    |  |
| PEYSSONNELIA RUBRA                 |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |  |
| PEYSSONNELIA SIMULANS              |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |  |
| CORALLINACEAE                      |         |    |    |    | X  |    |    |    |    |    | X  |    |    |    |  |

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| TAXON                       | STATION |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                             | 01      | 03 | 07 | 09 | 11 | 13 | 15 | 21 | 23 | 29 | 32 | 35 | 36 | 38 |
| JANIA ADHERENS              |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| LITHOPHYLLUM PUSTULATUM     | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| LITHOTHAMNIUM CALCAREUM     |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| LITHOTHAMNIUM OCCIDENTALE   | X       |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| GONIOLITHON SP.             | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| CRYPTONEMIACEAE             |         |    |    | X  | X  |    |    |    |    | X  |    |    |    |    |
| CRYPTONEMIA SP. 2           |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| HALYMENIA VINACEA           |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| HALYMENIA GELINARIA         |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| CHAMPIA PARVULA             |         |    |    |    |    |    | X  | X  |    |    |    |    |    |    |
| RHODYMENIA PSEUDOPALMATA    |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| RHODYMENIA DIVARICATA       |         |    |    | X  | X  |    |    |    |    |    |    |    |    |    |
| BOTRYOCLADIA OCCIDENTALIS   | X       |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| FAUCHEA HASSLERI            |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| LEPTOFAUCHEA RHODYMENIOIDES |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| MARIPELTA ATLANTICA         |         |    |    |    | X  |    |    |    |    |    | X  |    |    |    |
| CHRYSYMENIA ENTEROMORPHA    |         |    | X  | X  |    |    |    |    |    |    | X  |    |    |    |
| AGARDHINULA BROWNEAE        |         | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| CRYPTARACHNE PLANIFRONS     |         |    |    |    |    |    |    |    |    |    | X  |    | X  |    |
| SPYRIDIA FILAMENTOSA        |         |    |    |    |    | X  |    |    |    |    |    |    |    |    |
| HYPOGLOSSUM TENUIFOLIUM     |         |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| DASYA BAILOUVIANA           |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| DASYA HARVEYI               |         |    | X  |    |    |    |    |    |    | X  |    |    |    |    |
| POLYSIPHONIA BINNEYI        |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| LAURENCIA INTRICATA         |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| WRIGHTIELLA BLODGETTII      |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| THALASSIA TESTUDINUM        | X       |    | X  | X  |    |    |    |    |    |    |    |    |    |    |
| HALOPHILA DECIPiens         |         |    |    |    |    | X  |    |    |    |    |    |    |    |    |
| FORAMINIFERIDA              |         | X  |    | X  |    |    |    |    | X  |    |    |    |    |    |
| CALCAREA                    |         |    |    |    |    |    |    |    |    |    |    |    |    |    |
| CLATHRINA ? CORIACEA        |         | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| ? LEUCETTA SP.              |         |    |    | X  |    |    |    |    |    | X  | X  |    |    |    |
| ? LEUCOLENIA SPP.           |         | X  |    |    | X  |    |    |    |    |    | X  |    |    |    |
| APHRO CERAS ? ENSATA        |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| HEXACTINELLIDA-DICTYONINA   |         |    |    |    |    |    |    |    |    |    | X  | X  |    | X  |
| AULOCYSTIS ZITTELI          |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| HYATTELLA INTESTINALIS      |         |    |    |    | X  |    |    | X  |    |    |    |    |    |    |
| IRGINIA CAMPANA             |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| IRGINIA STROBILINA          |         |    |    |    |    |    | X  | X  |    | X  |    |    | X  |    |
| IRGINIA SPP.                |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| IRGINIA ? STROBILINA        |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| DYSIDEA SPP.                |         | X  | X  | X  | X  |    | X  |    |    |    |    |    |    |    |

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| TAXON                        | STATION |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|------------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
|                              | 01      | 03 | 07 | 09 | 11 | 13 | 15 | 21 | 23 | 29 | 32 | 35 | 38 | 38 |  |
| DYSIDEA ? AVARA              |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |  |
| ? DYSIDEA SPP.               |         | X  | X  | X  |    |    | X  |    |    | X  | X  |    |    |    |  |
| APLYSINA FISTULARIS V. FULVA |         | X  |    |    |    |    | X  | X  |    |    |    |    |    |    |  |
| AILOCHROIA CRASSA            |         | X  |    |    | X  |    | X  | X  |    |    |    |    |    |    |  |
| CHELONAPLYSILLA SP.          |         |    |    |    | X  | X  |    |    |    |    |    |    |    |    |  |
| HALICLONA COMPRESSA          |         |    |    |    |    | X  |    |    |    | X  |    |    |    |    |  |
| GELLIUS SP.                  |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |  |
| NIPHATES ERECTA              |         | X  |    |    |    |    | X  | X  |    |    |    |    |    |    |  |
| SPINOSSELLA PLICIFERA        |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |  |
| ? GELLIUS SPP.               |         |    |    |    |    |    |    |    | X  |    |    |    |    |    |  |
| ? ADOCIA SPP.                |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |  |
| NEPHELIOSPONGIIDAE           |         |    |    |    |    |    |    |    |    |    |    | X  |    |    |  |
| XESTOSPONGIA SP.             |         |    |    |    |    |    |    | X  |    | X  |    |    | X  |    |  |
| XESTOSPONGIA SUBTRIANGULARIS |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |  |
| RHIZOCHALINA SP.             |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |  |
| ? XESTOSPONGIA SP.           |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |  |
| DEMOSPONGEA-POECILOSCLERIDA  |         |    | X  | X  |    |    |    |    |    |    |    |    |    |    |  |
| AGELAS ? DISPAR              |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |  |
| MYXILLIDAE                   |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |  |
| MYCALIDAE                    |         |    |    |    |    |    | X  | X  |    |    |    |    |    |    |  |
| MYCALE SP.                   |         |    | X  |    |    |    |    |    |    |    | X  |    | X  | X  |  |
| NEOFIBULARIA NOLITANGERE     |         |    |    |    |    |    | X  | X  | X  |    |    |    |    |    |  |
| TEDANIA ? IGNIS              |         |    |    |    |    |    | X  |    |    |    |    |    |    |    |  |
| ACARNUS SP.                  |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |  |
| IOTROCHOTA BIROTULATA        |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |  |
| IOTROCHOTA ? BIROTULATA      |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |  |
| ? FORCEPIA SP.               |         |    |    |    |    |    |    |    |    |    | X  |    |    | X  |  |
| MICROCIONIDAE                |         |    | X  |    |    |    | X  |    |    |    |    |    |    |    |  |
| MICROCIONA SPP.              |         |    | X  |    | X  |    |    | X  |    |    |    | X  | X  |    |  |
| THALYSIAS SP.                |         |    |    |    |    |    |    |    |    |    |    |    |    | X  |  |
| ? PANDAROS SP.               |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |  |
| ? SIGMAXIA SP.               |         |    |    |    | X  |    |    | X  |    |    |    |    |    |    |  |
| ? BIEMNA SPP.                |         |    |    |    |    |    |    |    | X  |    |    | X  | X  |    |  |
| ? BUBARIS SPP.               |         |    |    |    |    |    |    |    | X  |    |    | X  | X  |    |  |
| HALICHONDRIA ? MAGNICONULOSA |         |    | X  |    |    |    |    |    |    |    | X  | X  | X  |    |  |
| HALICHONDRIA SPP.            |         |    | X  |    | X  |    |    |    |    | X  |    |    |    |    |  |
| ? HALICHONDRIA SPP.          |         |    |    | X  |    |    |    |    |    | X  |    |    |    |    |  |
| ? HALICHONDRIIDAE            |         |    |    |    |    |    |    |    |    | X  |    |    |    | X  |  |
| SPIRASTRELLA COCCINEA        |         | X  |    |    |    |    |    | X  |    |    | X  |    |    |    |  |
| SPHECIOSPONGIA VESPARIUM     |         | X  |    |    |    |    |    | X  | X  |    |    |    |    |    |  |
| ANTHOSIGMELLA VARIANS        |         |    |    |    |    | X  |    | X  |    | X  |    |    |    |    |  |
| PLACOSPONGIA MELOBESIOIDES   |         | X  | X  |    |    |    | X  | X  |    |    |    |    |    |    |  |

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TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF OTTER TRAWL DATABASE (OTH),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE.

| TAXON                     | STATION<br>01 | 03 | 07 | 09 | 11 | 13 | 15 | 21 | 23 | 29 | 32 | 35 | 36 | 38 |
|---------------------------|---------------|----|----|----|----|----|----|----|----|----|----|----|----|----|
| CLIONA SCHMIDTI           |               |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| TETHYA SP.                |               | X  |    |    |    |    |    | X  |    |    |    |    |    |    |
| TETHYA ACTINIA            |               |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| TETHYA ? ACTINIA          |               |    |    | X  | X  |    |    |    |    |    |    |    |    |    |
| STYLOCORDYLA ? LONGISSIMA |               |    |    |    |    |    |    |    |    |    | X  | X  |    |    |
| SOLLASELLIDAE             |               |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| ? EPIPOLASIS SPP.         |               |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| COPPATIIDAE               |               |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| SCOLOPES MEGASTRA         |               |    |    |    |    |    | X  | X  |    |    |    |    |    |    |
| ? JASPIS SPP.             |               |    |    |    | X  |    |    | X  | X  | X  |    |    |    |    |
| ? COPPATIIDAE             |               |    |    |    |    |    |    |    |    |    |    |    | X  |    |
| MYRIASTRA ? CRASSISPICULA |               |    |    |    | X  |    |    |    |    |    |    |    | X  |    |
| ? STOEBA SP.              |               |    |    |    |    |    |    |    |    |    |    |    | X  |    |
| ? PENARES SPP.            |               |    |    |    |    |    |    |    |    |    |    |    | X  |    |
| GEODIA NEPTUNI            |               |    |    |    | X  |    |    |    | X  | X  |    |    |    | X  |
| GEODIA GIBBEROSA          |               |    |    |    |    |    | X  | X  |    |    |    |    |    |    |
| GEODIA ? NEPTUNI          |               |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| ERYLUS TRISPHAERA         |               | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| ? ERYLUS SPP.             |               |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| CINACHYRA KUEKENTHALI     |               |    | X  |    |    |    | X  | X  |    |    |    |    |    |    |
| CINACHYRA ALLOCLADA       | X             | X  | X  | X  |    |    |    |    |    |    |    |    |    |    |
| CHONDRILLIDAE             |               | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| CHONDROSIA SPP.           |               |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| ? CHONDROSIA SPP.         |               | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| ? ANCORINIDAE             |               |    |    |    |    |    |    |    |    |    |    | X  |    |    |
| PACHASTRELLA ? MONILIFERA |               |    |    |    |    |    |    |    |    |    | X  |    |    | X  |
| ? PACHASTRELLA SP.        |               | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| ? PLAKINASTRELLA SP.      |               |    |    |    |    |    |    |    |    |    | X  |    |    | X  |
| DEMOSPONGEA-LITHISTIDA    |               |    |    |    | X  |    |    |    | X  |    | X  |    |    | X  |
| DISCODERMIA SP.           |               |    |    |    |    |    |    |    |    |    |    | X  |    |    |
| AXINELLIDAE               |               | X  |    |    |    |    |    |    |    |    |    | X  |    |    |
| AXINELLA BOOKHOUTI        |               |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| AXINELLA POLYCAPPELLA     |               |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| AXINELLA SPP.             |               |    | X  |    |    |    | X  |    |    |    |    |    |    |    |
| HOMAXINELLA WALTONSMITHI  |               |    | X  |    |    |    | X  | X  |    |    |    |    |    |    |
| PSEUDAXINELLA LUNAECHARTA |               |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| PSEUDAXINELLA ROSACEA     |               |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| TEICHAXINELLA SP.         |               |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| TEICHAXINELLA MORCHELLA   |               |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| TEICHAXINELLA SHOEMAKERI  |               |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| TEICHAXINELLA ? CORRUGATA |               |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| PHAKELLIA FOLIUM          |               |    | X  |    |    |    |    |    | X  |    |    |    |    |    |

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| TAXON                        | STATION |    |    |    |    |    |    |    |    |    |    |    |    |    |
|------------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                              | 01      | 03 | 07 | 09 | 11 | 13 | 15 | 21 | 23 | 29 | 32 | 35 | 36 | 38 |
| NICELLA GUADALUPENSIS        |         |    |    |    |    |    |    |    |    |    |    | X  |    | X  |
| NICELLA GOREAUI              |         |    |    |    |    |    |    |    |    |    |    | X  |    |    |
| MADRACIS ASPERULA            |         |    |    | X  | X  |    |    |    |    |    |    |    |    |    |
| MADRACIS FORMOSA             |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| MADRACIS BRUEGGEMANNI        |         |    |    |    |    |    |    |    |    |    |    |    | X  |    |
| MADRACIS MYRIASTER           |         |    |    |    |    |    |    |    | X  |    |    |    |    | X  |
| AGARICIA SP.                 |         | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| AGARICIA FRAGILIS            |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| AGARICIA AGARICITES          |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| AGARICIA AGARICITES PURPUREA |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| MANICINA AREOLATA            |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| CLADOCORA ARBUSCULA          | X       |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| PHYLLANGIA AMERICANA         | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| OCULINA TENELLA              |         | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| MADREPORA CAROLINA           |         |    |    |    |    |    |    |    |    |    |    |    | X  | X  |
| ISOPHYLLIA SINUOSA           |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| PARACYATHUS PULCHELLUS       |         |    |    |    |    |    |    |    |    |    |    |    | X  | X  |
| FLABELLUM FRAGILE            |         |    |    |    |    |    |    |    |    |    |    |    | X  |    |
| POLYCHAETA                   |         | X  | X  | X  |    |    |    | X  | X  |    |    |    |    | X  |
| DIODORA SAYI                 |         |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| CALLIOSTOMA ROSEOLUM         |         |    |    | 1  |    |    |    |    | 1  |    |    |    |    |    |
| CALLIOSTOMA TAMPAENSE        |         | 2  |    |    |    |    |    |    |    |    |    |    |    |    |
| CALLIOSTOMA MARIONAE         |         | 1  |    | 1  |    |    |    |    |    |    |    |    |    |    |
| ASTRAEA PHOEBIA              |         |    |    |    |    |    |    |    | 1  |    | 1  |    |    |    |
| VERMICULARIA KNORII          |         |    |    | 5  | 1  |    |    |    |    |    |    |    |    |    |
| TURRITELLA ACROPORA          |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| HIPPONIX ANTIQUATUS          |         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| TRIVIA MALTBIANA             |         | 2  |    |    |    |    |    | 1  | 1  |    |    |    |    |    |
| CYPRAEA SPURCA ACICULARIS    |         |    |    |    |    |    |    |    |    |    | 3  |    |    |    |
| CYPRAEA CINEREA              |         |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| HAMINDEA SUCCINEA            |         |    |    |    |    |    |    | 1  |    |    |    |    |    |    |
| APLYSIA SP.                  |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| PETALIFERA RAMOSA            |         |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| TYLODINA AMERICANA           |         |    |    |    |    |    |    | 1  |    |    |    |    |    |    |
| DOLABRIFERA DOLABRIFERA      |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |
| PLEUROBRANCHIUS AREOLATUS    |         | 1  |    |    |    |    |    |    |    |    | 1  |    |    |    |
| HYPSELODORIS EDENTICULATA    |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| PLATYDORIS ANGSTIPES         |         |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| PHYLLIDIOPSIS PAPILLIGERA    |         |    |    |    |    |    | 1  |    |    |    |    |    |    | 1  |
| MARIONA SP.                  |         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| GASTROPODA EGGS              | X       |    |    | X  | X  |    |    |    |    |    |    | 1  |    | 1  |
| PTERIA COLYMBUS              |         | 1  |    |    |    |    |    |    |    |    |    |    |    |    |

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| TAXON                      | STATION |    | 07 | 09 | 11 | 13 | 15 | 21 | 23 | 29 | 32 | 35 | 36 | 38 |
|----------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                            | 01      | 03 |    |    |    |    |    |    |    |    |    |    |    |    |
| DRAGMAXIA SP.              |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| ? PHAKELLIA SP.            |         |    |    |    |    |    |    |    |    |    |    |    | X  |    |
| ? HOMAXINELLA SP.          | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| ? KETOSUS SP.              |         |    |    |    |    |    |    |    | X  |    |    |    |    |    |
| ? MYRMEKIODERMA SP.        |         |    |    |    |    |    |    | X  | X  |    |    |    |    |    |
| ? HIGGINSLIA SP.           |         |    |    |    |    |    |    |    | X  |    |    |    |    |    |
| EURYPONIDAE                |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| ? DESMOXYIDAE              |         |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| EUDENDRIUM SP.             |         |    |    |    |    |    |    |    |    | X  |    |    | X  |    |
| ACRYPTOLARIA CONFERTA      |         |    |    |    | X  |    |    |    |    | X  | X  |    | X  |    |
| ACRYPTOLARIA RECTANGULARIS |         |    |    |    | X  |    |    |    |    | X  | X  |    | X  |    |
| SERTULARELLA CONICA        | X       |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| DYNAMENA POURTALESII       |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| THYROSCYPHUS MARGINATUS    | X       |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| AGLAOPHENIA ELONGATA       |         |    | X  |    |    |    |    |    |    | X  |    |    |    |    |
| HALOPTERIS CLARKEI         |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| MONOSTAECHAS QUADRIDENS    |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| MODEERIA ROTUNDA           |         |    |    |    |    |    |    |    |    |    |    |    | X  |    |
| SYNTHECIUM TUBITHECUM      |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| STYLASTER SP.              |         |    |    |    |    |    |    |    |    |    |    | X  |    |    |
| ANTIPATHIDAE               |         |    |    |    |    |    |    |    |    |    |    | X  |    |    |
| ANTIPATHES COLUMNARIS      |         |    |    |    |    |    |    |    |    | X  |    | X  |    | X  |
| ANTIPATHES PEDATA          |         |    |    |    |    |    |    |    |    |    |    | X  |    | X  |
| CIRRHIPATHES LUETKENI      |         | X  |    |    |    |    |    |    |    |    |    | X  |    |    |
| APHANIPATHES HUMILIS       |         |    |    |    |    |    |    |    |    |    |    | X  |    |    |
| APHANIPATHES ABIETINA      |         |    |    |    |    |    |    |    |    | X  |    | X  |    | X  |
| SIPHONOGORGIA AGASSIZII    |         |    |    |    |    |    |    |    |    |    |    | X  | X  | X  |
| DIOGORGIA NODULIFERA       | X       |    |    |    |    |    |    |    |    |    |    | X  |    |    |
| PSEUDOPLEXAURA POROSA      |         |    |    |    |    | X  |    |    |    |    |    |    |    |    |
| EUNICEA CF. LACINIATA      |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| SCLERACIS GUADALUPENSIS    |         |    |    |    |    |    |    |    |    |    |    | X  |    | X  |
| SCLERACIS PETROSA          |         |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| PLACOGORGIA SP.            |         |    |    |    |    |    |    |    |    |    |    | X  |    |    |
| PLACOGORGIA MIRABILIS      |         |    |    |    |    |    |    |    |    |    |    | X  |    |    |
| PLACOGORGIA TENUIIS        |         |    |    |    |    |    |    |    |    |    |    | X  | X  |    |
| VILLOGORGIA NIGRESCENS     |         |    |    |    |    |    |    |    |    |    |    | X  |    |    |
| LEPTOGORGIA EURYALE        |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| PSEUDOPTEROGORGIA ACEROSA  |         |    |    |    |    | X  |    |    |    |    |    |    |    |    |
| ELLISELLA ATLANTICA        |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| ELLISELLA FUNICULINA       |         |    |    |    |    |    |    |    |    |    |    |    | X  |    |
| ELLISELLA BARBADENSIS      |         |    |    |    |    |    |    |    |    |    |    | X  |    | X  |
| NICELLA SP.                |         |    |    |    |    |    |    |    |    |    |    | X  |    |    |

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| TAXON                         | STATION |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-------------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                               | 01      | 03 | 07 | 09 | 11 | 13 | 15 | 21 | 23 | 29 | 32 | 35 | 36 | 38 |
| CHLANYS BENEDICTI             |         |    |    |    |    |    |    | 1  |    |    |    |    |    |    |
| PECTEN ZICZAC                 |         |    |    |    |    |    |    | 1  |    |    |    |    |    |    |
| AEQUIPECTEN MUSCOSUS          |         |    | 3  |    |    |    |    |    |    |    |    |    |    |    |
| ARGOPECTEN GIBBUS             |         |    | 1  |    |    | 2  |    |    |    |    |    |    |    |    |
| LIMA PELLUCIDA                | 1       |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| NEMOCARDIUM TINCTUM           |         |    |    | 2  |    |    |    |    |    |    |    |    |    |    |
| LAEVICARDIUM PICTUM           |         |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| POROMYA ELONGATA              |         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| CHAMA CONGREGATA              |         |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| SEMIROSSIA EQUALIS            |         |    |    | 2  | 9  |    |    |    |    |    |    |    | 6  |    |
| SEMIROSSIA ? EQUALIS          |         |    |    |    | 3  |    |    |    |    |    |    |    |    |    |
| LOLIGO PEALEII                |         |    |    |    | 2  |    |    |    |    |    |    |    | 2  |    |
| LOLIGO PLEI                   |         |    | 4  | 1  | 12 |    |    |    |    |    |    |    |    |    |
| OCTOPUS JOUBINI               |         |    |    | 6  |    |    |    |    |    |    |    |    |    |    |
| OCTOPUS VULGARIS              |         |    |    | 10 | 2  |    |    | 1  |    |    |    |    |    |    |
| ANOPLDACTYLUS LENTUS          |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| PALLENOPSIS SCHMITTI          |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| PENAEIDAE                     |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| TRACHYPENAEUS CONSTRICTUS     |         |    |    |    |    | 3  |    |    |    |    |    |    |    |    |
| METAPENAEOPSIS GOODEI         |         |    | 4  |    |    | 34 |    | 1  |    |    |    |    |    |    |
| SICYONIA BREVIROSTRIS         | 3       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| SICYONIA STIMPSONI            |         |    |    |    |    |    |    |    |    |    |    |    | 3  | 1  |
| SICYONIA BURKENROADI          |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| SOLENOCERA ATLANTIDIS         |         |    | 4  |    |    |    |    |    |    |    |    |    |    |    |
| MESOPENAEUS TROPICALIS        |         |    |    |    | 22 |    |    |    |    |    |    |    | 47 | 14 |
| ANCHISTIOIDES ANTIGUENSIS     |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| LEANDER TENJICORNIS           |         |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| ALPHEUS FLORIDANUS            |         |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| SYNALPHEUS CF. MINUS          |         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| SYNALPHEUS CF. DISPARODIGITUS |         |    |    |    |    |    | 1  |    |    |    |    |    |    |    |
| TOZEUMA SERRATUM              |         |    | 1  | 1  |    |    |    |    |    |    |    |    | 1  |    |
| MERHIPPOLYTE CF. AMERICANUS   |         |    |    |    |    |    |    |    |    |    |    |    |    | 2  |
| PROCESSIDAE                   |         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| PROCESSA SPP.                 |         |    |    |    | 7  |    |    |    |    |    |    |    |    |    |
| PROCESSA BERMUDENSIS          |         |    |    |    | 5  |    |    |    |    |    |    |    |    |    |
| PROCESSA TENJIPES             |         |    |    |    |    | 2  |    |    |    |    |    |    |    |    |
| ? PROCESSA SP.                |         |    |    |    | 4  |    |    |    |    |    |    |    |    | 60 |
| PARAPANDALUS CF. LONGICAUDA   |         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| SCYLLARUS DEPRESSUS           |         |    |    |    | 7  |    |    |    |    |    |    |    | 6  | 9  |
| SCYLLARUS CHACEI              |         |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| PAGURUS BREVIDACTYLUS         |         |    | 2  | 2  |    |    |    |    |    |    |    |    |    |    |
| IRIDOPAGURUS CF. N. SP. C     |         |    | 1  |    |    |    |    |    |    |    |    |    | 1  |    |

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| TAXON                           | STATION<br>01 | 03 | 07 | 09 | 11 | 13 | 15 | 21 | 23 | 29 | 32 | 35 | 36 | 38 |
|---------------------------------|---------------|----|----|----|----|----|----|----|----|----|----|----|----|----|
| MANUCOMPLANUS CORALLINUS        |               |    |    | 8  |    |    |    |    |    |    |    |    |    |    |
| PHIMOCHIRUS HOLTHUISI           |               | 1  |    | 1  |    |    |    |    |    |    |    |    |    |    |
| PHIMOCHIRUS RANDALLI            |               |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| AGARICOCHEIRUS BOLETIFER        |               |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| SOLENOGURUS LINEATUS            |               |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| RHODOCHIRUS ROSACEUS            |               |    |    |    |    |    |    |    |    |    |    | 1  |    | 15 |
| MUNIDA ANGULATA                 |               | 1  | 1  | 2  |    |    |    |    |    |    |    |    |    |    |
| MUNIDA PUSILLA                  |               | 1  |    | 12 | 5  |    |    |    |    |    |    |    | 8  | 1  |
| MUNIDA IRRASA                   |               |    |    |    |    |    |    |    |    | 1  |    |    | 16 |    |
| GALATHEA ROSTRATA               |               | 1  |    | 1  |    |    |    |    | 1  |    |    |    |    |    |
| DARDANUS SP.                    |               |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| DARDANUS INSIGNIS               |               |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| PAGURISTES TORTUGAE             |               |    |    |    |    | 1  |    |    |    |    |    |    |    |    |
| DROMIDIA ANTILLENIS             |               | 6  |    | 2  |    |    |    | 3  | 1  |    |    |    |    |    |
| HOMOLA SP.                      |               |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| HOMOLA BARBATA                  |               |    |    |    |    |    |    |    |    |    |    | 1  |    | 8  |
| ETHUSA MASCARONE AMERICANA      |               | 1  |    |    |    |    |    |    |    |    |    |    |    |    |
| CALAPPA FLAMMEA                 |               |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| CALAPPA ANGUSTA                 |               |    |    |    |    |    |    |    |    |    |    |    | 4  |    |
| CALLIDACTYLUS ASPER             |               |    | 1  | 1  |    |    |    |    |    |    |    |    |    |    |
| ILIACANTHA INTERMEDIA           |               |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| ILIACANTHA SUBGLOBOSA           |               |    |    |    |    |    |    |    |    |    |    |    | 2  |    |
| COLLODES TRISPINOSUS            |               | 1  |    |    |    |    |    |    |    |    |    |    | 2  |    |
| MACROCOELOMA CAMPTOCERUM        |               |    |    |    |    | 1  |    |    |    |    |    |    |    |    |
| MACROCOELOMA EUTHECA            |               |    |    |    |    |    |    |    | 2  |    |    |    |    |    |
| MACROCOELOMA CF. TRISPINOSUM    |               |    |    |    |    |    |    | 2  |    |    |    |    |    |    |
| MITHRAX (MITHRAX) ACUTICORNIS   |               | 1  |    |    | 1  |    |    | 1  | 4  | 4  |    |    |    |    |
| MITHRAX (MITHRAX) PLEURACANTHUS |               |    | 1  |    |    | 1  | 5  |    |    |    |    |    |    |    |
| PODOCHELA GRACILIPES            |               |    |    |    |    |    |    |    | 2  |    |    |    |    |    |
| PODOCHELA LAMELLIGERA           |               |    | 1  | 3  | 2  |    |    |    |    |    |    | 1  | 8  | 1  |
| PODOCHELA RIISEI                |               |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| PODOCHELA SIDNEYI               |               |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| STENOCIONOPS FURCATA FURCATA    |               |    | 2  | 1  |    |    |    |    | 1  |    |    |    |    |    |
| STENOCIONOPS FURCATA COELATA    |               |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| STENORHYNCHUS SETICORNIS        |               | 3  | 3  | 1  | 3  |    | 2  | 9  | 8  | 17 |    | 5  | 5  | 28 |
| STILBOGNATHUS BURRYI            |               |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| NIBILIA ANTILOCAPRA             |               |    |    |    |    |    |    |    |    |    | 1  |    |    | 13 |
| PYROMAIA CF. CUSPIDATA          |               |    |    |    |    |    |    |    |    |    | 1  |    |    | 4  |
| PARTHENOPE AGONA                |               |    |    |    |    |    |    |    |    |    |    |    | 2  |    |
| PARTHENOPE FRATERCULUS          |               |    |    |    | 3  |    |    |    |    |    |    |    |    | 1  |
| PORTUNUS GIBBESI                |               |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| PORTUNUS SPINICARPUS            |               | 2  | 1  |    | 2  |    | 1  |    |    |    |    |    | 14 |    |

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| TAXON                         | STATION |    | 07 | 08 | 11 | 13 | 15 | 21 | 23 | 29 | 32 | 35 | 36 | 38 |
|-------------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                               | 01      | 03 |    |    |    |    |    |    |    |    |    |    |    |    |
| PORTUNUS SPINIMANUS           |         |    |    |    |    |    | 1  |    |    |    |    |    |    |    |
| PORTUNUS ORDWAYI              |         |    | 3  |    |    |    |    |    |    | 1  |    |    |    |    |
| CARPOPORUS PAPULOSUS          |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| MICROPANOPE SCULPTIPES        |         |    |    |    |    |    |    |    |    |    |    |    |    | 4  |
| PILUMNUS FLORIDANUS           |         |    |    | 1  |    |    |    | 2  |    |    |    |    |    |    |
| PILUMNUS SAYI                 |         |    |    |    |    | 1  | 1  |    |    |    |    |    |    |    |
| PLATYACTAEA SP. A             |         |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| PARACTAEA RUFOPUNCTATA NODOSA |         |    |    |    |    |    |    | 1  |    |    |    |    |    |    |
| EURYPLAX NITIDA               |         |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| EUCHIROGRAPSUS AMERICANUS     |         |    |    |    | 1  |    |    |    |    |    |    |    | 1  |    |
| PALICUS ALTERNATUS            |         |    |    |    |    |    |    | 2  |    |    |    |    |    |    |
| PALICUS DENTATUS              |         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| PALICUS CRISTATIPES           |         |    |    |    |    |    |    |    |    |    |    |    |    | 3  |
| SQUILLA DECEPTRIX             |         |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| SQUILLA RUGOSA                |         |    | 2  |    |    |    |    |    |    |    |    |    |    |    |
| GONODACTYLUS BREDINI          |         |    | 1  |    |    |    | 1  | 1  |    |    |    |    |    |    |
| PSEUDOSQUILLA CILIATA         |         |    |    |    |    |    |    | 1  |    |    |    |    |    |    |
| PARASQUILLA COCCINEA          |         |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| AMATHIA CONVOLUTA             | X       | X  |    | X  | X  |    |    |    |    |    |    |    |    |    |
| SMITTIPORA LEVINSENI          |         |    |    | X  | X  |    |    | X  | X  |    |    |    |    |    |
| STEGANOPORELLA MAGNILABRIS    |         | X  |    | X  | X  |    |    |    |    |    |    |    |    |    |
| CELLARIA IRREGULARIS          |         |    |    | X  | X  |    |    |    |    |    |    |    |    |    |
| NELLIA OCLATA                 |         |    | X  | X  | X  |    | X  |    |    |    |    |    |    |    |
| BUGULA NERITINA               |         |    |    | X  | X  |    |    |    | X  |    |    |    |    |    |
| BUGULA CF. FULVA              |         |    |    | X  | X  |    |    |    |    |    |    |    |    |    |
| CUPULADRIA BIPOROSA           |         |    |    | X  | X  |    |    |    |    |    |    |    |    |    |
| HIPPOMETRALIELLA BISINUATA    |         |    |    | X  | X  |    |    |    |    |    |    |    |    |    |
| STYLOPOMA SPONGITES           |         |    |    | X  | X  |    |    |    | X  |    |    |    |    |    |
| SERTELLA MARSUPIATA           |         | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| RETEPORELLINA EVELINAE        |         |    |    |    |    |    |    | X  |    |    |    | X  |    |    |
| BRACEBRIDGIA SUBSULCATA       |         | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| HIPPALIOSINA ROSTRIGERA       |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| VITTATICELLA ELEGANS          |         | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| CELLEPORARIA ALBIROSTRIS      |         | X  | X  | X  |    |    |    |    |    | X  |    |    |    |    |
| CELLEPORARIA MAGNIFICA        |         | X  |    | X  |    | X  |    |    |    |    |    |    |    |    |
| PARASMITTINA SPATHULATA       |         | X  |    | X  |    |    |    |    |    |    |    |    |    |    |
| IDMIDRONEA ATLANTICA          |         | X  |    | X  |    |    |    |    |    |    |    |    |    |    |
| IDMIDRONEA FLEXUOSA           |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| CRISIA ELONGATA               |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| CRISULIPORA ORIENTALIS        |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| TEREBRATULINA CAILLETI        |         |    |    |    |    |    |    |    |    |    |    |    | X  |    |
| LUIDIA SAGAMINA               |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |

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| TAXON                                    | 01 | 03 | 07 | 09 | 11 | 13 | 15 | 21 | 23 | 29 | 32 | 35 | 36 | 38 |
|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| ASTROPECTEN DUPLICATUS                   |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| PECTINASTER MIXTUS                       |    |    |    |    |    |    |    |    |    |    |    | 1  |    |    |
| GONIASTER TESSELLATUS                    |    |    |    | 3  |    |    |    |    |    |    |    |    |    |    |
| ATHENOIDES PIERCEI                       |    |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| NARCISSIA TRIGONARIA                     |    |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| ASTERINA FOLIUM                          |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| PORANIELLA REGULARIS                     |    |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| MARGINASTER PECTINATUS                   |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| ECHINASTER SP.                           | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |
| ECHINASTER SP. B                         |    |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| ECHINASTER SP. A                         | 6  | 1  | 1  |    |    |    |    |    |    |    |    |    |    |    |
| OPHIOMYXA FLACCIDA                       |    |    | 1  | 2  |    |    |    |    | 7  | 2  |    |    |    |    |
| ASTEROSCHEMA SP. B                       |    |    |    |    |    |    |    |    |    |    |    | 8  |    |    |
| ASTEROSCHEMA SP. A                       |    |    |    |    |    |    |    |    |    |    |    |    | 4  | 1  |
| ASTEROPORPA ANNULATA                     |    |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| ASTEROPHYTON MURICATUM                   |    |    |    |    |    | 1  |    |    |    |    |    |    |    |    |
| OPHIURA SP.                              |    |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| OPHIOLEPIS ELEGANS                       |    |    | 3  |    |    |    |    |    |    |    |    |    |    |    |
| OPHIOLEPIS SP. B                         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| OPHIOCOMA WENDTI                         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| OPHIOPLAX SP. B                          |    |    |    |    |    |    |    |    |    |    |    | 1  |    | 3  |
| OPHIOPLAX SP. A                          |    |    |    |    |    |    |    |    |    |    |    | 3  |    | 2  |
| OPHIODERMA RUBICUNDUM                    |    |    |    |    |    |    |    |    | 3  | 8  |    |    |    |    |
| OPHIOPAEPALE GOESIANA                    |    |    |    |    |    |    |    |    |    |    |    | 1  | 2  |    |
| OPHIACANTHELLA TROSCHELI                 |    |    |    |    |    |    |    |    |    |    |    | 1  |    | 2  |
| OPHIOMYCES SP.                           |    |    |    |    |    |    |    |    |    |    |    | 1  |    |    |
| OPHIOCHONDRIUS ? GRACILIS                |    |    |    |    |    |    |    |    |    |    |    | 1  |    |    |
| OPHIACTIS MULLERI                        |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| OPHIOTHRIX ANGULATA                      |    |    | 1  | 4  | 1  |    | 1  | 2  | 9  |    |    |    |    | 3  |
| OPHIOTHRIX SUENSONII                     |    | 3  |    |    |    | 1  |    | 1  |    | 4  |    |    |    |    |
| EUCIDARIS TRIBULOIDES TRIBULOIDES        |    |    |    | 2  |    |    |    |    |    |    |    |    |    |    |
| STYLOCIDARIS AFFINIS                     |    |    |    |    | 5  |    |    |    | 2  |    |    |    |    |    |
| CENTROSTEPHANUS LONGISPINUS RUBRICINGULU |    |    |    |    |    |    |    |    | 1  | 6  |    | 4  | 3  |    |
| DIADEMA ANTILLARUM                       |    |    |    |    |    |    |    |    | 6  | 15 |    |    |    |    |
| SALENIA GOESIANA                         |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| ARBACIA PUNCTULATA                       |    | 2  |    | 1  |    |    |    | 2  | 6  | 9  |    |    |    |    |
| COELOPLEURUS FLORIDANUS                  |    |    |    |    |    |    |    |    |    |    |    | 2  |    | 2  |
| GENOCIDARIS MACULATA                     |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| LYTECHINUS EUERCES                       |    |    |    |    |    |    |    |    | 2  |    |    |    |    |    |
| LYTECHINUS VARIEGATUS CAROLINUS          |    |    | 10 |    |    |    | 1  | 3  | 1  | 1  |    |    |    |    |
| ECHINONEUS CYCLOSTOMUS                   |    |    |    |    |    |    |    |    |    |    |    | 2  |    |    |
| CLYPEASTER RAVENELII                     |    |    |    |    |    |    |    |    |    |    |    |    | 2  |    |

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|--|---------------|----|----|----|----|----|----|----|----|----|----|----|----|----|
| CLYPEASTER PROSTRATUS                    |               |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| ECHINOLAMPAS DEPRESSA                    |               |    |    |    |    |    |    |    |    |    |    | 3  |    | 2  |
| PSEUDOCOLOCHEIRUS MYSTICUS               |               |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| HOLOTHURIA (VANEYOTHURIA) LENTIGINOSA EN |               |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| ASTICHOPUS MULTIFIDUS                    |               |    | 7  |    |    |    |    |    |    |    |    |    |    |    |
| NEMASTER DISCOIDEA                       |               |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| COMACTINIA MERIDIONALIS                  |               |    |    |    |    |    |    |    |    |    | 3  |    | 7  | 12 |
| LEPTONEMASTER VENUSTUS                   |               |    |    |    |    |    |    |    |    |    | 1  |    | 7  | 22 |
| NEOCOMATELLA PULCHELLA                   |               |    |    |    |    |    |    |    |    |    | 44 |    | 6  | 28 |
| ANALCIDOMETRA ARMATA                     |               |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| STYLOMETRA SPINIFERA                     |               |    |    |    |    |    |    |    |    |    |    | 3  |    |    |
| CRINOMETRA BREVIPINNA                    |               |    |    |    |    |    |    |    |    |    |    | 20 |    | 22 |
| RHABDOPLEURA COMPACTA                    | X             |    | X  | X  |    |    |    |    |    |    |    |    |    |    |
| CLAVELINA SP.                            |               |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| CLAVELINA GIGANTEA                       |               |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| CLAVELINA PICTA                          |               | X  | X  |    |    |    |    |    |    |    |    |    |    |    |
| CLAVELINA SP. 1                          |               |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| EUDISTOMA SP.                            |               |    |    |    |    |    |    |    |    |    |    |    |    |    |
| EUDISTOMA CAPSULATUM                     |               |    | X  | X  | X  |    |    | X  | X  | X  |    |    | X  |    |
| EUDISTOMA SP. 3                          |               | X  |    |    | X  |    |    |    |    |    |    |    |    |    |
| POLYCLINUM CONSTELLATUM                  |               |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| APLIDIUM BERMUDAEE                       |               |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| APLIDIUM EXILE                           |               |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| APLIDIUM SP. 2                           |               |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| DIDEMNUM CANDIDUM                        | X             | X  | X  | X  | X  |    |    | X  |    | X  |    |    |    | X  |
| DIDEMNUM AMETHYSTEUM                     |               |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| TRIDIDEMNUM ORBICULATUM                  |               | X  |    |    |    |    |    | X  |    |    |    |    |    |    |
| ECHINOCLINUM VERRILLI                    | X             |    |    |    |    |    |    |    |    |    |    |    |    |    |
| STYELA PARTITA                           |               |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| STYELA PLICATA                           |               | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| PYROSOMA ATLANTICUM                      |               |    |    |    |    |    |    |    |    |    |    | X  |    |    |
| RAJA SP.                                 |               |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| ANARCHIAS YOSHIAE                        |               |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| GYMNOTHORAX NIGROMARGINATUS              |               |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| SYNODUS FOETENS                          |               | 19 | 4  | 5  | 1  |    |    |    |    |    |    |    |    |    |
| SYNODUS INTERMEDIUS                      |               | 2  |    | 6  | 2  |    | 1  | 2  | 1  |    |    |    |    |    |
| SYNODUS POEYI                            |               | 12 | 50 |    |    |    |    |    | 1  |    |    |    |    |    |
| SAURIDA BRASILIENSIS                     |               |    |    |    |    |    |    |    |    |    |    | 6  |    | 5  |
| TRACHINOCEPHALUS MYOPS                   |               |    | 1  | 1  | 2  |    |    |    |    |    |    |    | 1  |    |
| PORICHTHYS PLECTRODON                    |               |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| OPSANSUS PARDUS                          |               |    |    |    | 2  |    |    |    |    |    |    |    |    |    |
| GOBIESOX SP.                             |               | 1  |    |    |    |    |    |    |    |    |    |    |    |    |

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TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF OTTER TRAWL DATABASE (OTH),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE.

| TAXON                      | STATION |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                            | 01      | 03 | 07 | 09 | 11 | 13 | 15 | 21 | 23 | 29 | 32 | 35 | 36 | 38 |
| LOPHIUS GASTROPHYSUS       |         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| ANTENNARIUS OCELLATUS      |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| ANTENNARIUS RADIOSUS       |         |    |    |    |    |    |    |    |    |    | 2  |    | 1  |    |
| ANTENNARIUS PAUCIRADIATUS  |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| OGCOEPHALUS CORNIGER       |         |    |    |    | 1  |    |    |    |    |    |    |    | 1  |    |
| HALIEUTICHTHYS ACULEATUS   |         |    |    | 1  |    |    |    |    |    |    |    | 1  | 10 |    |
| PHYSICULUS SP.             |         |    |    |    |    |    |    |    |    |    |    |    |    | 6  |
| OPHIDION DROMIO            |         |    |    |    | 4  |    |    |    |    |    |    |    |    |    |
| NEOBYTHITES SP.            |         |    |    |    |    |    |    |    |    |    |    |    |    | 2  |
| HOLOCENTRUS RUFUS          |         |    |    |    | 6  |    |    |    |    | 4  |    |    |    |    |
| MYRIPRISTIS JACOBUS        |         |    |    |    |    |    |    |    |    |    |    |    |    | 3  |
| ADIORYX BULLISI            |         |    |    |    |    |    |    | 1  |    | 14 |    |    |    |    |
| ANTIGONIA CAPROS           |         |    |    |    |    |    |    |    |    |    |    | 10 |    | 11 |
| AULOSTOMUS MACULATUS       |         |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| MACRORHAMPHOSUS SCOLOPAX   |         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| SYNGNATHUS ELUCENS         |         |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| HIPPOCAMPUS ERECTUS        |         |    |    |    |    |    |    |    | 2  |    |    |    |    |    |
| CORYTHOICHTHYS ALBIROSTRIS |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| COSMOCAMPUS PROFUNDUS      |         |    |    | 1  | 1  |    |    |    |    |    |    |    |    |    |
| PONTINUS CASTOR            |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| PONTINUS RATHBUNI          |         |    |    |    |    |    |    |    |    |    | 3  |    |    | 3  |
| SCORPAENA SP.              |         |    |    |    | 1  |    |    |    |    |    |    |    |    | 1  |
| SCORPAENA ALBIFIMBRIA      |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| SCORPAENA BRACHYPTERA      |         |    |    | 3  | 1  |    |    |    |    |    |    |    |    |    |
| SCORPAENA BRASILIENSIS     |         |    | 12 |    |    |    | 2  | 1  |    |    |    |    |    |    |
| SCORPAENA CALCARATA        | 1       |    | 1  | 2  |    |    |    |    |    |    |    |    |    |    |
| SCORPAENA DISPAR           |         |    |    |    |    |    |    |    | 12 | 5  |    | 7  |    |    |
| SCORPAENA ELACHYS          |         |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| SCORPAENA INERMIS          |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| PRIONOTUS MARTIS           |         |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| PRIONOTUS OPHYRAS          |         |    | 4  |    |    |    |    |    |    |    |    |    |    |    |
| PRIONOTUS ROSEUS           |         |    | 2  | 2  |    |    |    |    |    |    |    |    |    |    |
| PRIONOTUS STEARNSI         |         |    |    |    |    |    |    |    |    |    |    |    | 10 |    |
| BELLATOR MILITARIS         |         |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| CENTROPRISTIS OCYURUS      |         |    | 1  | 1  |    |    | 2  |    |    |    |    |    |    |    |
| EPINEPHELUS MORIO          |         |    |    |    |    |    | 1  | 2  |    |    |    |    |    |    |
| DIPLECTRUM FORMOSUM        |         |    | 4  | 2  |    |    |    |    |    |    |    |    |    |    |
| DIPLECTRUM BIVITTATUM      |         |    |    |    |    | 1  |    |    |    |    |    |    |    |    |
| SERRANUS ANNULARIS         |         |    |    |    |    |    |    |    |    |    | 5  |    |    |    |
| SERRANUS ATROBRANCHIUS     |         |    |    |    |    |    |    |    |    | 63 |    |    |    |    |
| SERRANUS NOTOSPILUS        |         | 1  | 5  | 31 | 8  |    |    |    |    |    |    | 10 |    | 6  |
| SERRANUS PHOEBE            |         | 9  |    |    | 9  |    |    | 9  | 14 |    |    |    | 2  | 2  |

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| TAXON                      | STATION |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                            | 01      | 03 | 07 | 08 | 11 | 13 | 15 | 21 | 23 | 29 | 32 | 35 | 36 | 38 |
| SERRANUS SUBLIGARIUS       |         |    |    |    |    | 1  | 2  |    |    |    |    |    |    |    |
| SERRANUS TORTUGARUM        |         |    |    |    |    |    |    |    |    | 3  |    |    |    |    |
| PLECTRANTHIAS GARRUPELLUS  |         |    |    |    |    |    |    |    |    |    |    |    | 16 | 22 |
| SHULTZEA BETA              |         |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| HOLANTHIAS SP.             |         |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| RYPTICUS BISTRISPINUS      |         |    |    | 1  |    |    | 1  |    |    |    |    |    | 1  |    |
| PRISTIGENYS ALTA           |         |    | 1  |    |    |    |    |    | 1  |    |    | 1  |    |    |
| APOGON AUROLINEATUS        |         |    | 5  |    |    | 4  |    |    |    |    |    | 1  |    |    |
| APOGON MACULATUS           |         |    | 3  |    |    |    |    | 10 |    |    |    |    |    |    |
| APOGON PSEUDOMACULATUS     |         |    |    |    | 11 |    |    |    |    | 8  |    |    |    |    |
| APOGON PILLIONATUS         |         |    |    |    |    |    |    |    |    | 11 |    |    |    |    |
| EPIGONUS SP.               |         |    |    |    |    |    |    |    |    |    |    | 5  |    |    |
| PHAEOPTYX PIGMENTARIA      |         |    | 1  |    |    | 4  |    |    |    |    |    |    |    |    |
| HEMICARANX AMBLYRHYNCHUS   |         |    |    |    |    |    |    |    |    |    |    |    | 2  |    |
| HAEMULON STRIATUM          |         |    |    |    |    |    |    |    |    | 10 |    |    |    |    |
| EQUETUS LANCEOLATUS        |         |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| EQUETUS UMBROSUS           |         |    | 8  |    |    |    |    |    |    |    |    |    |    |    |
| PSEUDUPENEUS MACULATUS     |         |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| CHAETODON SEDENTARIUS      |         | 1  |    |    |    |    |    |    |    | 12 |    |    |    |    |
| CHAETODON ACULEATUS        |         |    |    |    |    |    |    |    |    | 2  |    |    |    |    |
| HOLACANTHUS SP.            |         |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| HOLACANTHUS TRICOLOR       |         |    |    |    |    |    |    |    |    | 2  |    |    |    |    |
| HOLACANTHUS BERMUDENSIS    |         | 1  |    |    |    |    |    | 2  |    |    |    |    |    |    |
| CHROMIS ENCHRYSURUS        |         | 3  |    | 1  |    |    | 1  | 2  | 1  | 22 |    |    |    |    |
| CHROMIS SCOTTI             |         |    |    |    |    |    |    |    |    | 18 |    |    |    |    |
| BODIANUS PULCHELLUS        |         |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| BODIANUS RUFUS             |         |    |    |    |    |    |    |    |    |    |    |    | 3  | 1  |
| DECODON SP.                |         |    |    |    |    |    |    |    |    |    |    | 1  |    | 3  |
| DECODON PUELLARIS          |         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| NICHOLSINA USTA            |         |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| SPARISOMA SP.              |         |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| SPARISOMA ATOMARIUM        |         |    |    |    |    |    |    |    |    |    |    |    |    |    |
| ASTROSCOPUS Y-GRAECUM      |         |    |    | 1  |    |    |    |    |    | 26 |    |    |    |    |
| HYPLEUROCHILUS BERMUDENSIS |         |    |    |    |    |    |    | 1  |    |    |    |    |    |    |
| PARABLENNIUS MARMOREUS     |         |    |    |    |    |    | 2  |    |    |    |    |    |    |    |
| STARXSIA OCELLATA          |         |    |    |    |    |    | 1  |    |    |    |    |    |    |    |
| EVERMANNICTHYS SPONGICOLA  |         | 1  |    |    |    |    |    |    |    |    |    |    |    |    |
| CITHARICHTHYS SP.          |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| CITHARICHTHYS CORNUTUS     |         |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| BOTHUS ROBINSI             |         |    |    | 2  |    |    |    |    |    |    |    |    |    |    |
| CYCLOPSETTA FIMBRIATA      |         |    |    |    |    |    | 1  |    |    |    |    |    |    |    |
| GASTROPSETTA FRONTALIS     |         |    | 2  | 1  |    |    |    |    |    |    |    |    |    |    |

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 LISTING OF OTTER TRAWL DATABASE (OTH),  
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| TAXON                   | STATION |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                         | 01      | 03 | 07 | 09 | 11 | 13 | 15 | 21 | 23 | 29 | 32 | 35 | 36 | 38 |
| SYACIUM SP.             |         |    | 1  |    | 1  |    |    |    |    |    |    |    |    |    |
| SYACIUM GUNTERI         |         |    |    |    |    |    |    | 2  |    |    |    |    |    |    |
| SYACIUM PAPILLOSUM      |         | 8  | 19 | 8  |    | 2  | 10 |    |    |    |    |    |    |    |
| PARAHOLLARDIA LINEATA   |         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| MONACANTHUS CILIATUS    |         | 2  | 2  | 1  | 5  |    |    |    |    | 5  | 5  |    |    |    |
| MONACANTHUS HISPIDUS    |         |    | 2  |    | 2  |    |    |    |    |    |    |    |    |    |
| LACTOPHRYS QUADRICORNIS |         |    |    |    |    | 1  |    |    |    |    | 1  |    |    |    |
| SPHOEROIDES DORSALIS    |         | 1  |    | 1  |    |    |    |    |    |    |    |    |    |    |
| SPHOEROIDES SPENGLERI   |         |    | 2  |    |    |    |    |    |    |    |    |    |    |    |
| CANTHIGASTER ROSTRATA   |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |

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TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF OTTER TRAWL DATABASE (OTH),  
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| TAXON                      | STATION |    | 07 | 09 | 11 | 13 | 15 | 21 | 23 | 29 | 32 | 35 | 36 | 38 |
|----------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                            | 01      | 03 |    |    |    |    |    |    |    |    |    |    |    |    |
| CODIUM ISTHMOCLADUM        |         |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| CODIUM REPENS              | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| CAULERPA SP.               |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| CAULERPA SERTULARIOIDES    |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| HALIMEDA GRACILIS          |         |    |    | X  |    | X  |    |    | X  |    |    |    |    |    |
| HALIMEDA SCABRA            | X       |    | X  |    |    |    | X  |    |    |    |    |    |    |    |
| UDOTEA CYATHIFORMIS        | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| PALMELLACEAE N. SP.        |         |    |    | X  |    |    |    |    | X  |    |    |    |    |    |
| CYSTODICTYON PAVONIUM      | X       | X  |    |    |    | X  |    | X  |    |    |    |    | X  |    |
| ANADYOMENE MENZIESII       |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| DICTYOPTERIS MEMBRANACEA   |         |    |    | X  |    |    |    |    |    |    |    |    | X  |    |
| SARGASSUM HYSTRIX          | X       |    |    | X  |    | X  |    |    |    |    |    |    |    |    |
| SARGASSUM FILIPENDULA      |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| SARGASSUM FLUITANS         |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| SARGASSUM BERMUDENSE       |         |    | X  |    |    |    |    |    | X  |    |    |    |    |    |
| GRACILARIA MAMMILLARIS     |         | X  |    | X  | X  |    |    | X  |    |    |    |    |    |    |
| GRACILARIA DEBILIS         | X       |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| RHODOPHYLLIS SP.           |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| WURDEMANNIA MINIATA        | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| PEYSSONNELIA RUBRA         |         |    |    |    | X  |    |    | X  |    |    |    |    |    |    |
| PEYSSONNELIA SIMULANS      |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| LITHOPHYLLUM PUSTULATUM    |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| LITHOTHAMNIUM CALCAREUM    |         |    | X  |    | X  |    |    |    | X  |    |    |    |    |    |
| LITHOTHAMNIUM RUPTILE      |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| LITHOTHAMNIUM OCCIDENTALE  |         |    |    | X  | X  |    | X  |    |    |    |    |    |    |    |
| LITHOTHAMNIUM SYNTROPHICUM |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| GONIOLITHON STRICTUM       | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| AMPHIROA HANCOCKII         |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| CRYPTONEMIACEAE            |         |    |    | X  |    |    |    |    |    |    | X  |    |    |    |
| RHODYMENIA OCCIDENTALIS    |         |    |    |    |    |    |    |    |    |    | X  |    | X  |    |
| MARIPELTA ATLANTICA        |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| LAURENCIA INTRICATA        | X       |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| LEUCETTA SP.               |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| ? LEUCOSOLENIA SPP.        |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| APHRO CERAS ? ENSATA       |         |    |    |    | X  |    |    |    | X  |    |    |    |    |    |
| HEXACTINELLIDA-DICTYONINA  |         |    |    |    |    |    |    |    |    |    | X  | X  |    | X  |
| SPONGIA SP.                |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| HYATTELLA INTESTINALIS     |         |    |    |    |    |    | X  |    | X  |    |    |    |    |    |
| IRCINIA CAMPANA            |         | X  |    |    |    |    |    |    |    |    | X  |    |    |    |
| IRCINIA STROBILINA         |         | X  |    |    |    | X  | X  | X  | X  | X  |    |    |    |    |
| IRCINIA FELIX              |         |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| DYSIDEA SPP.               |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |

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TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF OTTER TRAWL DATABASE (OTH),  
LIVE BOTTOM STATIONS -- WINTER CRUISE.

| TAXON                             | STATION |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----------------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                                   | 01      | 03 | 07 | 09 | 11 | 13 | 15 | 21 | 23 | 29 | 32 | 35 | 36 | 38 |
| ? DYSIDEA SPP.                    | X       |    |    |    | X  |    |    |    |    | X  |    | X  |    |    |
| APLYSINA LACUNOSA                 |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| APLYSINA FISTULARIS V. FISTULARIS |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| APLYSINA FISTULARIS V. FULVA      |         |    |    |    |    |    | X  | X  |    |    |    |    |    |    |
| AILOCHROIA CRASSA                 |         | X  |    |    |    | X  | X  | X  |    |    |    |    |    |    |
| CHELONAPLYSILLA SP.               |         |    |    |    |    |    |    |    | X  |    |    |    |    |    |
| IGERNELLA ? NOTABILIS             |         |    |    |    |    |    | X  | X  |    |    |    |    |    |    |
| HALICLONA COMPRESSA               |         | X  |    |    |    | X  |    |    | X  |    |    |    |    |    |
| HALICLONA SPP.                    | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| NIPHATES ERECTA                   |         |    |    |    |    | X  | X  | X  |    | X  |    |    |    |    |
| SPINOSELLA PLICIFERA              |         |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| ? HALICLONA SPP.                  |         |    |    |    |    |    |    |    | X  |    |    |    |    |    |
| SIGMADOCIA SPP.                   |         |    |    |    |    |    |    |    |    |    | X  |    | X  | X  |
| ? ADOCIA SPP.                     |         | X  |    |    |    |    |    |    |    |    | X  |    |    |    |
| NEPHELIOSPONGIIDAE                |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| XESTOSPONGIA SP.                  |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| XESTOSPONGIA SUBTRIANGULARIS      |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| SIPHONODICTYON SIPHONUM           |         |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| DEMOSPONGEA-POECILOSCLERIDA       |         |    |    |    |    |    |    |    | X  |    |    |    |    |    |
| AGELAS SP.                        |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| MYCALE SP.                        |         |    |    |    |    |    | X  | X  |    |    |    |    |    |    |
| NEOFIBULARIA NOLITANGERE          |         |    |    |    |    |    | X  | X  | X  |    |    |    |    |    |
| ? ULOSA SPP.                      |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| IOTROCHOTA BIROTULATA             |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| ? TEDANIA SP.                     |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| ? FORCEPIA SP.                    |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| MICROCIONIDAE                     |         | X  | X  | X  |    |    |    |    | X  |    |    |    |    |    |
| MICROCIONA SPP.                   |         |    | X  |    |    |    | X  |    |    |    |    |    |    |    |
| THALYSIAS ? JUNIPERINA            |         |    |    |    | X  |    | X  | X  | X  |    |    |    |    |    |
| ? MICROCIONA SP.                  |         |    |    |    |    |    |    |    |    |    |    |    | X  |    |
| ? THALYSIAS SP.                   |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| BIEMNA SPP.                       | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| ? DESMACELLA SP.                  |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| ? BIEMNA SPP.                     |         |    | X  | X  |    |    |    | X  | X  |    | X  |    |    |    |
| BUBARIS SPP.                      |         | X  |    |    | X  |    |    |    | X  |    | X  |    |    |    |
| ? BUBARIS SPP.                    |         |    |    |    |    |    |    |    | X  |    |    |    |    |    |
| ? MICROCIONIDAE                   |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| DEMOSPONGEA-HALICHONDRIIDA        |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| HALICHONDRIA ? MAGNICONULOSA      |         |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| ? HALICHONDRIA SPP.               |         |    | X  |    |    | X  |    |    |    |    |    |    |    |    |
| SPIRASTRELLA COCCINEA             |         |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| TIMEA ? MIXTA                     |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |

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| TAXON                               | STATION |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-------------------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                                     | 01      | 03 | 07 | 09 | 11 | 13 | 15 | 21 | 23 | 29 | 32 | 35 | 36 | 38 |
| SPHECIOSPONGIA VESPARIUM            |         | X  |    |    |    | X  |    | X  |    |    |    |    |    |    |
| ANTHOSIGMELLA VARIANS               |         | X  |    |    |    |    | X  |    |    |    |    |    |    |    |
| ANTHOSIGMELLA VARIANS V. INCRUSTANS |         |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| ? TIMEA SPP.                        |         |    |    |    |    |    | X  |    |    |    |    |    |    |    |
| TERPIOS SP.                         |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| PLACOSPONGIA MELOBESIOIDES          |         | X  | X  |    |    | X  | X  | X  | X  | X  |    |    |    |    |
| TETHYA ACTINIA                      |         | X  |    | X  |    |    |    |    |    |    |    |    |    |    |
| ? TETHYA SP.                        |         | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| STYLOCORDYLA SP.                    |         |    |    |    |    |    |    |    |    |    |    | X  |    |    |
| DIDISCUS SP.                        |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| ? SPIRASTRELLIDAE                   |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| ? CLONIDAE                          |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| EPIPOLASIS SPP.                     |         | X  |    |    |    | X  | X  |    |    |    |    |    |    |    |
| ? EPIPOLASIS SPP.                   |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| COPPATIIDAE                         |         |    |    |    |    |    |    |    |    |    | X  |    |    | X  |
| SCOLOPES MEGASTRA                   |         |    |    |    |    |    | X  |    |    |    | X  |    |    |    |
| JASPIS SPP.                         |         |    |    |    | X  |    |    |    | X  |    |    |    |    |    |
| ? ASTEROPUS SP.                     |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| ? JASPIS SPP.                       |         |    |    |    |    |    |    | X  | X  |    |    | X  |    |    |
| DEMOSPONGEA-CHORISTIDA              |         |    |    |    |    |    | X  |    |    | X  |    |    |    |    |
| MYRIASTRA SPP.                      |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| MYRIASTRA ? KALLITETILLA            |         | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| ? PENARES SPP.                      |         |    |    |    |    |    |    |    |    |    | X  | X  |    |    |
| GEODIA NEPTUNI                      |         |    |    |    | X  |    |    |    | X  |    | X  |    | X  |    |
| GEODIA GIBBEROSA                    |         |    |    |    |    | X  | X  | X  |    | X  | X  |    |    |    |
| ERYLUS SPP.                         |         |    |    |    |    |    | X  | X  |    | X  | X  |    |    |    |
| CINACHYRA SPP.                      | X       | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| CINACHYRA ALLOCLADA                 | X       |    | X  | X  |    | X  | X  |    |    |    |    |    |    |    |
| CHONDROSIA SPP.                     |         | X  |    |    |    |    | X  | X  |    |    |    |    |    |    |
| ? CHONDRILLIDAE                     |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| ? ANCORINIDAE                       |         |    |    |    | X  |    |    |    |    |    |    |    |    |    |
| PACHASTRELLA ? MONILIFERA           |         |    |    |    |    |    |    |    |    |    | X  |    | X  | X  |
| PLAKINIDAE                          |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| ? PLAKORTIS SP.                     |         |    |    |    |    |    | X  |    |    |    |    |    |    | X  |
| ? PLAKINIDAE                        |         |    |    |    |    |    |    |    | X  |    | X  |    |    |    |
| DEMOSPONGEA-LITHISTIDA              |         |    |    |    |    |    |    |    |    | X  |    |    | X  | X  |
| DISCODERMIA SP.                     |         |    |    |    | X  |    |    |    |    |    | X  |    | X  |    |
| AXINELLIDAE                         |         |    |    |    |    |    |    |    |    |    | X  | X  |    |    |
| AXINELLA BOOKHOUTI                  | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| AXINELLA POLYCAPPELLA               |         |    |    |    |    |    |    | X  |    |    |    |    |    |    |
| HOMAXINELLA WALTONSMITHI            |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| TEICHAXINELLA SP.                   |         |    | X  |    |    |    |    |    |    |    |    |    |    | X  |

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| TAXON                     | 01 | 03 | 07 | 09 | 11 | 13 | 15 | 21 | 23 | 29 | 32 | 35 | 36 | 38 |
|---------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| TEICHAXINELLA ? CORRUGATA |    |    |    |    |    |    |    |    | X  |    |    |    |    |    |
| PHAKELLIA FOLIUM          |    | X  |    |    |    |    |    |    |    |    |    |    |    |    |
| ? TEICHAXINELLA SP.       |    |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| THALYSEURYPON SPP.        | X  |    |    |    |    |    |    |    |    |    |    |    |    |    |
| ? THALYSEURYPON SP.       |    |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| EUDENDRIUM SP.            | X  |    |    |    |    |    |    |    |    |    |    |    |    |    |
| ACRYPTOLARIA CONFERTA     |    |    |    |    |    |    |    |    |    | X  | X  | X  |    |    |
| ZYGOPHYLAX CONVALLARIA    |    |    |    |    |    |    |    |    |    |    |    |    | X  |    |
| SERTULARELLA PINNIGERA    |    |    |    |    |    | X  | X  |    |    |    |    |    |    |    |
| DYNAMENA CORNICINA        |    |    |    |    |    | X  |    |    |    |    |    |    |    |    |
| THYROSCYPHUS MARGINATUS   |    |    |    | X  |    | X  |    | X  |    |    |    |    |    |    |
| AGLAOPHENIA ELONGATA      |    |    |    | X  |    |    |    |    |    | X  |    |    |    |    |
| STYLASTER SP.             |    |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| ANTIPATHES COLUMNARIS     |    |    |    |    |    |    |    |    |    |    |    | X  |    |    |
| ANTIPATHES PEDATA         |    |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| CIRRHIPATHES LUETKENI     |    |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| APHANIPATHES HUMILIS      |    |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| APHANIPATHES ABIETINA     |    |    |    |    |    |    |    |    |    |    |    | X  |    | X  |
| NIDALIA OCCIDENTALIS      |    |    |    |    |    |    |    |    |    |    |    | X  | X  |    |
| SIPHONOGORGIA AGASSIZII   |    |    |    |    |    |    |    |    |    |    |    | X  | X  | X  |
| PSEUDOPLEXAURA POROSA     |    |    |    |    |    | X  |    |    |    |    |    |    |    |    |
| SCLERACIS GUADALUPENSIS   |    |    |    |    |    |    |    |    | X  |    |    | X  |    |    |
| SCLERACIS PETROSA         |    |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| PLACOGORGIA SP.           |    |    |    |    |    |    |    |    |    |    |    | X  | X  |    |
| PLACOGORGIA MIRABILIS     |    |    |    |    |    |    |    |    |    | X  |    | X  | X  |    |
| VILLOGORGIA NIGRESCENS    |    |    |    |    |    |    |    |    | X  | X  |    |    |    |    |
| LEPTOGORGIA EURYALE       |    |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| PSEUDOPTEROGORGIA ACEROSA |    |    |    |    |    | X  |    |    |    |    |    |    |    |    |
| ELLISELLA ATLANTICA       |    |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| ELLISELLA FUNICULINA      |    |    |    |    |    |    |    |    |    |    |    |    | X  | X  |
| ELLISELLA BARBADENSIS     |    |    |    |    |    |    |    |    |    | X  |    | X  |    | X  |
| NICELLA GUADALUPENSIS     |    |    |    |    |    |    |    |    |    |    |    | X  |    |    |
| NICELLA GOREAUI           |    |    |    |    | X  |    |    |    |    |    |    |    |    | X  |
| MADRACIS ASPERULA         |    |    |    | X  |    |    |    |    | X  |    |    |    |    | X  |
| MADRACIS FORMOSA          |    |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| MADRACIS BRUEGGEMANNI     |    |    |    | X  | X  |    |    |    | X  |    |    |    |    |    |
| MADRACIS MYRIASTER        |    |    |    |    |    |    |    |    |    |    |    |    | X  |    |
| AGARICIA LAMARCKI         |    |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| MANICINA AREOLATA         |    |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| CLADOCORA ARBUSCULA       |    |    |    |    | X  | X  |    |    |    |    |    |    |    |    |
| MADREPORA CAROLINA        |    |    |    | X  |    |    |    |    |    | X  |    | X  |    | X  |
| SCOLYMIA SP.              |    |    |    |    |    |    |    |    |    | X  |    |    |    |    |

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|---------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                           | 01      | 03 | 07 | 09 | 11 | 13 | 15 | 21 | 23 | 29 | 32 | 35 | 36 | 38 |
| CARYOPHYLLIA BERTERIANA   |         |    |    |    |    |    |    |    |    |    | X  |    |    |    |
| PARACYATHUS PULCHELLUS    |         |    |    |    |    |    |    |    |    |    |    | X  |    |    |
| JAVANIA CAILLETI          |         |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| DENDROPHYLLIA CORNUCOPIA  |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| POLYCHAETA                | X       | X  | X  | X  |    | X  | X  |    | X  | X  |    | X  | X  | X  |
| DIODORA DYSONI            | 1       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| CALLIOSTOMA TAMPAENSE     |         | 3  |    |    |    |    | 1  |    |    |    |    |    |    |    |
| CALLIOSTOMA MARIONAE      |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| TURBO CREMULATUS          | 1       |    |    | 1  |    |    |    |    | 1  |    |    |    |    |    |
| VERMICULARIA SPIRATA      |         |    |    | 2  | 4  |    |    | 3  |    |    |    |    |    |    |
| VERMICULARIA KNORII       |         | 1  |    | 2  |    |    | 4  |    |    | 1  |    |    |    |    |
| TURRITELLA ACROPORA       |         |    |    | 1  |    |    |    | 1  |    |    |    |    |    |    |
| PETALOCOCHUS ERECTUS      |         |    |    |    |    |    |    |    |    |    |    |    |    | 2  |
| STROMBUS COSTATUS         |         |    |    |    |    |    | 1  |    |    |    |    |    |    |    |
| XENOPHORA CONCHYLIPHORA   |         |    |    |    |    |    | 1  | 1  |    |    |    |    |    |    |
| TUGURIUM CARIBAEUM        |         |    | 1  |    |    |    |    |    |    |    |    |    | 1  |    |
| TRIVIA MALTBIANA          |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |
| CYPRAEA SPURCA ACICULARIS |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |
| CYPRAEA CERVUS            |         | 1  |    |    |    |    |    |    |    |    | 1  |    |    |    |
| SILIQUARIA SQUAMATA       |         |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| CHICOREUS FLORIFER        |         |    |    |    |    |    | 1  | 1  |    |    |    |    |    |    |
| NASSARIUS FLORIDENSIS     |         | 1  |    |    |    |    |    |    |    |    |    |    |    |    |
| FUSINUS EUCOSMIUS         |         | 2  |    |    |    |    |    |    |    |    |    |    |    |    |
| PLEUROBRANCHAEA HEDGPETHI |         |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| HYPSELODORIS EDENTICULATA |         |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| SIRAIUS KYOLIS            |         |    |    |    | 2  | 1  |    |    |    |    |    |    |    |    |
| LAMELLIDORIS SP.          |         |    |    |    |    |    | 1  |    |    |    |    |    |    |    |
| DENDRODORIS KREBSII       |         | 1  |    |    |    |    |    |    |    |    |    |    |    |    |
| PHYLLIDIOPSIS PAPILLIGERA |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| MARIONOPSIS SP.           |         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| GASTROPODA EGGS           |         |    |    | X  |    |    | X  |    |    |    |    |    |    |    |
| ISCHNOCHITON RUGULATUS    |         |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| ARCA ZEBRA                | 1       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| BARBATIA DOMINGENSIS      |         |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| BARBATIA CANDIDA          |         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| MODIOLUS AMERICANUS       |         |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| CHLAMYS BENEDICTI         |         | 1  |    |    |    |    |    |    |    |    |    |    |    |    |
| PECTEN RAVENELI           | 1       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| AEQUIPECTEN MUSCOSUS      | 2       |    | 1  |    |    | 1  |    |    |    |    |    |    |    |    |
| ARGOPECTEN GIBBUS         | 1       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| NEMOCARDIUM TINCTUM       |         |    |    | 2  |    |    |    |    |    |    |    |    |    |    |
| LAEVICARDIUM PICTUM       | 4       | 1  |    |    |    | 1  |    |    |    |    |    |    |    |    |

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| TAXON                       | STATION |    | 07 | 09 | 11 | 13 | 15 | 21 | 23 | 29 | 32 | 35 | 36 | 38 |
|-----------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                             | 01      | 03 |    |    |    |    |    |    |    |    |    |    |    |    |
| TELLINA LISTERI             |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| GASTROCHAENA HIANS          |         |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| HIATELLA ARCTICA            |         |    | 1  | 2  |    |    | 2  |    |    |    |    |    |    |    |
| POROMYA ? ALBIDA            |         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| SEMIROSSIA EQUALIS          |         |    |    | 6  |    |    |    |    |    |    |    |    | 1  |    |
| SEMIROSSIA ? EQUALIS        |         |    |    |    |    |    |    |    |    |    |    | 1  |    |    |
| ? AUSTROROSSIA SP.          |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| ? SEMIROSSIA SP.            |         |    |    |    | 2  |    |    |    |    |    |    |    |    |    |
| LOLIGO PEALEII              |         |    |    |    |    |    |    |    |    |    | 1  |    | 2  |    |
| LOLIGO PLEI                 |         | 1  |    | 3  |    |    |    |    |    |    |    |    |    |    |
| OCTOPUS SP.                 |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| OCTOPUS JOUBINI             |         |    |    | 2  | 1  |    | 1  |    |    |    |    |    |    |    |
| OCTOPUS VULGARIS            |         |    |    | 2  |    |    |    |    |    |    |    |    |    |    |
| OCTOPUS ? DEFILIPPI         |         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| PALLENOPSIS SCHMITTI        |         |    |    | 1  |    |    |    |    |    |    | 1  |    |    |    |
| LOPHOGASTER AMERICANUS      |         |    |    |    |    |    |    |    |    |    |    | 2  |    |    |
| PENAEIDAE                   |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| METAPENAEOPSIS GOODEI       |         |    |    | 18 | 4  |    |    | 5  |    |    |    |    |    |    |
| SICYONIA BREVIROSTRIS       |         |    |    | 1  | 3  |    |    |    |    |    |    |    |    |    |
| SICYONIA STIMPSONI          |         |    |    | 1  |    |    |    |    |    |    | 1  |    |    |    |
| SOLENCERA ATLANTIDIS        |         |    |    | 42 | 2  |    |    |    |    |    |    |    |    |    |
| MESOPENAEUS TROPICALIS      |         |    |    |    | 7  |    |    | 7  |    |    | 40 |    | 11 | 17 |
| PLEOCYEMATA-CARIDEA         |         |    |    |    |    |    |    | 1  |    |    |    |    |    |    |
| LEPTOCHELA CARINATA         |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| PERICLIMENES CF. PEDERSONI  |         |    |    | 2  |    |    |    |    |    |    |    |    |    |    |
| PERICLIMENES PERRYAE        |         |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| ? ANCHISTIOIDES ANTIGUENSIS |         |    |    |    |    |    |    | 1  |    |    |    |    |    |    |
| SYNALPHEUS BOUSFIELDI       |         | 2  |    |    |    |    |    | 3  |    |    |    |    |    |    |
| SYNALPHEUS LONGICARPUS      |         | 5  |    |    |    |    |    | 2  |    |    |    |    |    |    |
| SYNALPHEUS TOWNSENDI        |         |    |    | 6  |    | 2  | 4  |    |    |    | 1  |    |    |    |
| SYNALPHEUS CF. MCCLENDONI   |         |    |    |    |    |    |    |    |    |    |    | 1  |    |    |
| HIPPOLYTIDAE                |         |    |    |    |    | 1  |    |    |    |    |    |    |    |    |
| LYSMATA RATHBUNAE           |         |    |    |    |    |    |    |    |    | 2  |    |    |    |    |
| TOZEUMA SERRATUM            |         |    |    |    |    | 1  |    |    |    |    |    |    |    |    |
| TOZEUMA CAROLINENSE         |         |    |    |    |    | 2  |    |    |    |    |    |    |    |    |
| MERHIPPOLYTE AMERICANUS     |         |    |    |    |    |    |    |    |    |    |    |    |    | 6  |
| NIKOIDES SCHMITTI           |         |    |    | 9  |    |    |    |    |    |    |    |    |    |    |
| PROCESSA SPP.               |         |    |    |    |    |    |    |    |    |    | 3  |    | 1  |    |
| PROCESSA BERMUDENSIS        |         |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| PROCESSA TENUIPES           |         |    |    |    | 31 |    |    |    |    |    | 8  |    | 13 | 19 |
| PROCESSA VICINA             |         |    |    | 17 | 1  |    |    |    |    |    |    |    |    |    |
| PARAPANDALUS CF. NARVAL     |         |    |    |    |    |    |    |    |    |    | 13 |    |    |    |

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| TAXON                       | STATION<br>01 | 03 | 07 | 09 | 11 | 13 | 15 | 21 | 23 | 29 | 32 | 35 | 36 | 38 |
|-----------------------------|---------------|----|----|----|----|----|----|----|----|----|----|----|----|----|
| STENOPUS SCUTELLATUS        |               |    |    |    | 1  |    |    |    |    |    |    |    | 2  |    |
| STENOPUS HISPIDUS           |               |    |    |    |    |    |    |    |    | 2  |    |    |    |    |
| SCYLLARUS DEPRESSUS         |               |    |    |    | 9  |    |    |    |    | 1  | 1  |    | 10 |    |
| SCYLLARUS AMERICANUS        | 1             |    |    |    |    | 2  |    |    |    |    |    |    |    |    |
| SCYLLARUS CHACEI            |               |    |    | 2  |    |    |    |    |    |    |    |    |    |    |
| SCYLLARIDES MODIFER         |               |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| PAGURUS BREVIDACTYLUS       |               |    |    |    |    |    |    | 2  | 2  |    |    |    |    |    |
| PAGURUS STIMPSONI           |               |    |    |    |    |    |    |    |    |    |    |    |    |    |
| PAGURUS CAROLINENSIS        |               |    |    |    |    | 3  |    |    |    |    |    |    |    |    |
| MANUOPLANUS CORALLINUS      |               |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| PHIMOCHIRUS HOLTHUISI       |               |    | 1  | 2  |    |    |    | 1  |    |    |    |    |    |    |
| AGARICOCHIRUS BOLETIFER     |               |    |    |    | 1  |    |    |    |    |    | 1  |    |    |    |
| SOLENOGURUS LINEATUS        |               |    |    |    |    |    |    |    |    |    | 1  |    |    | 1  |
| RHODOCHIRUS ROSACEUS        |               |    |    |    |    |    |    |    |    |    | 1  |    |    | 1  |
| MUNIDA ANGULATA             |               |    |    |    |    |    |    |    |    |    |    |    |    |    |
| MUNIDA PUSILLA              |               |    |    |    |    |    | 1  |    |    |    |    | 1  |    |    |
| MUNIDA SIMPLEX              |               |    |    |    |    |    | 1  |    |    |    |    |    | 10 |    |
| GALATHEA ROSTRATA           |               |    |    | 2  |    |    |    |    |    |    | 10 |    | 10 |    |
| PETROLISTHES GALATHINUS     |               |    |    |    |    | 3  |    |    |    |    |    |    |    |    |
| PACHYCHELES ACKLEIANUS      |               |    |    |    |    |    |    | 2  |    |    |    |    |    |    |
| DARDANUS CF. VENOSUS        |               |    |    |    |    |    |    | 1  |    |    |    |    |    |    |
| PAGURISTES SERICEUS         |               |    |    | 1  |    |    |    | 1  |    |    |    |    |    |    |
| PAGURISTES TORTUGAE         |               |    |    |    |    | 4  | 1  |    |    |    |    |    |    |    |
| DROMIDIA ANTILLENENSIS      |               | 6  |    | 3  |    | 3  | 5  | 2  |    |    |    |    |    |    |
| HOMOLA BARBATA              |               |    |    |    |    |    |    |    |    |    |    |    |    |    |
| ETHUSA MASCARONE AMERICANA  |               |    |    | 2  |    | 1  | 2  |    |    |    | 2  | 1  | 1  |    |
| CALAPPA ANGUSTA             |               | 2  |    |    |    |    |    |    |    |    |    |    |    |    |
| CALAPPA CF. OCELLATA        |               |    | 1  | 1  |    |    |    |    |    |    |    |    |    |    |
| OSACHILA ANTILLENENSIS      |               |    |    |    |    |    |    |    |    |    |    |    |    |    |
| OSACHILA TUBEROSA           |               |    |    |    |    |    |    |    |    |    | 2  |    |    | 1  |
| MYROPSIS QUINQUESPINOSA     |               |    |    |    |    |    |    |    |    |    | 1  |    | 2  | 3  |
| CALLIDACTYLUS ASPER         |               | 2  |    |    |    |    |    |    |    |    |    |    |    |    |
| ILIACANTHA SPARSA           |               | 1  |    |    |    |    |    |    |    |    |    |    |    |    |
| ILIACANTHA SUBGLOBOSA       |               |    |    |    | 1  |    |    |    |    |    | 1  |    | 2  |    |
| SPELOEOPHORUS PONTIFER      | 1             |    |    |    |    |    |    |    |    |    |    |    |    |    |
| RANILIA MURICATA            |               |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| MAJIDAE                     |               |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| COLLODES TRISPINOSUS        |               |    |    | 2  |    |    |    |    |    |    |    |    |    |    |
| EUPROGNATHA GRACILIPES      |               |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| ARACHNOPSIS FILIPES         |               |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| MACROCOELOMA EUTHECA        |               |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| MACROCOELOMA SEPTemspinosum |               |    |    | 1  |    |    |    |    |    |    |    |    |    |    |

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|----------------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                                  | 01      | 03 | 07 | 09 | 11 | 13 | 15 | 21 | 23 | 29 | 32 | 35 | 36 | 38 |
| MACROCOELOMA CF. TRISPINOSUM     |         |    |    |    |    |    |    | 3  |    |    |    |    |    |    |
| MACROCOELOMA TRISPINOSUM NODIPES |         |    | 1  |    |    |    |    |    |    |    |    |    |    |    |
| MITHRAX (MITHRAX) ACUTICORNIS    |         | 1  |    | 1  |    |    | 1  | 1  | 2  |    |    |    |    |    |
| MITHRAX (MITHRAX) PLEURACANTHUS  |         |    |    |    |    | 2  | 8  |    |    |    |    |    |    |    |
| MITHRAX (MITHRACULUS) FORCEPS    |         |    |    |    |    | 3  | 1  |    |    |    |    |    |    |    |
| PODOCHELA GRACILIPES             |         |    |    | 1  | 1  |    |    |    |    |    |    |    |    |    |
| PODOCHELA LAMELLIGERA            |         |    |    |    | 1  |    |    |    |    | 1  |    |    | 5  |    |
| PODOCHELA RIISEI                 | 5       |    |    |    |    | 2  |    |    |    |    | 1  |    |    |    |
| STENOCIONOPS FURCATA COELATA     |         | 3  |    | 3  |    |    |    | 2  |    |    |    |    |    |    |
| STENORHYNCHUS SETICORNIS         |         | 2  | 3  | 6  | 3  | 4  | 1  | 1  |    | 6  | 1  |    | 5  | 1  |
| STILBOGNATHUS BURRYI             |         |    |    |    |    |    |    |    |    |    |    |    |    |    |
| NIBILIA ANTILOCAPRA              |         |    |    |    |    |    |    |    |    |    | 3  |    | 2  | 6  |
| PYROMAIA CUSPIDATA               |         |    |    |    |    |    |    |    |    |    |    |    |    | 2  |
| PARTHENOPE AGONA                 |         |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| PARTHENOPE FRATERCULUS           |         |    |    |    | 4  |    |    |    | 1  |    |    |    |    |    |
| PARTHENOPE GRANULATA             | 2       |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| PORTUNUS SPINICARPUS             |         |    |    | 4  | 11 |    |    |    |    |    |    |    | 1  |    |
| PORTUNUS ORDWAYI                 |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| CARPOPORUS PAPULOSUS             |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| LOBOPILUMNUS AGASSIZI            |         |    |    |    |    | 1  |    |    |    |    |    |    |    |    |
| MICROPANOPE LAEVIMANUS           |         | 2  |    |    |    |    |    | 1  |    |    | 1  |    |    |    |
| MICROPANOPE SCULPTIPES           |         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| PILUMNUS DASYPODUS               |         |    |    |    |    | 1  |    |    |    |    |    |    |    |    |
| PILUMNUS FLORIDANUS              |         |    |    | 2  |    |    | 2  |    |    |    |    |    |    |    |
| PILUMNUS SAYI                    |         |    |    |    |    | 1  |    |    |    |    |    |    |    |    |
| PSEUDOMEDAEUS DISTINCTUS         |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |
| EUCHIROGRAPSUS AMERICANUS        |         |    |    |    |    |    |    |    |    |    | 3  |    | 2  |    |
| PALICUS FAXONI                   |         |    |    |    | 2  |    |    |    |    |    |    |    |    |    |
| PALICUS CF. CRISTATIPES          |         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| PALICUS SICA                     |         |    |    |    |    |    |    |    |    |    | 1  |    | 1  |    |
| PALICUS SP. A                    |         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| SQUILLIDAE                       |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| MEIOSQUILLA QUADRIDENS           |         |    |    | 5  | 3  |    |    |    |    |    |    |    |    |    |
| MEIOSQUILLA SCHMITTI             |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| GONODACTYLUS BREDINI             | 2       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| GONODACTYLUS TORUS               |         |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| SIPUNCULIDAE                     | 1       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| AMATHIA CONVOLUTA                |         |    |    | X  | X  | X  | X  |    |    |    | X  | X  |    |    |
| STEGANOPORELLA MAGNILABRIS       |         | X  | X  | X  | X  |    |    | X  | X  |    |    |    |    |    |
| SCHIZOPORELLA UNICORNIS          |         |    | X  |    |    |    |    |    |    |    |    |    |    |    |
| STYLOPOMA SPONGITES              |         | X  |    | X  |    |    |    | X  |    |    |    |    |    |    |
| HIPPOPORIDRA EDAX                |         |    |    | X  |    |    | X  |    |    |    |    |    |    |    |

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|--|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|  | 01      | 03 |    |    |    |    |    |    |    |    |    |    |    |    |
| SERTELLA MARSUPIATA                      |         |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| CELLEPORARIA ALBIROSTRIS                 |         | X  | X  | X  |    | X  | X  | X  | X  | X  |    |    |    |    |
| CELLEPORARIA MAGNIFICA                   | X       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| CELLEPORARIA TUBULOSA                    |         |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| PARASMITTINA TRISPINOZA                  |         |    |    | X  |    |    |    |    |    |    |    |    |    |    |
| TREMOGASTERINA MUCRONATA                 |         |    |    |    |    |    |    |    |    | X  |    |    |    |    |
| TREMOGASTERINA LANCEOLATA                |         | X  |    |    | X  |    |    |    |    |    |    |    |    |    |
| LUIDIA SP.                               |         |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| LUIDIA ALTERNATA                         | 2       |    | 2  | 2  |    |    |    |    |    |    |    |    |    |    |
| LUIDIA SAGAMINA                          |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |
| ASTROPECTEN DUPLICATUS                   |         |    |    |    |    | 2  |    |    |    |    |    |    |    |    |
| PECTINASTER MIXTUS                       |         |    |    |    |    |    |    |    |    |    | 6  |    | 1  |    |
| CERAMASTER GRENADENSIS                   |         |    |    | 2  |    |    |    |    |    |    |    |    |    |    |
| GONIASTER TESSELLATUS                    |         |    |    | 2  |    |    |    |    |    |    |    |    |    |    |
| ROSASTER ALEXANDRI                       |         |    |    |    |    |    |    |    |    |    | 1  |    | 1  |    |
| NARCISSIA TRIGONARIA                     |         |    |    |    |    |    |    | 1  |    |    |    |    |    |    |
| PORANIELLA REGULARIS                     |         |    |    |    | 2  |    |    |    | 7  |    |    |    |    |    |
| HENRICIA ANTILLARUM                      |         |    |    |    | 6  |    |    |    |    |    |    |    |    |    |
| ECHINASTER SP.                           |         |    |    | 14 | 1  |    |    |    |    |    |    |    |    |    |
| ECHINASTER MODESTUS                      |         |    |    |    |    |    |    | 1  |    |    |    |    |    |    |
| ECHINASTER SPINULOSUS                    | 10      |    |    |    |    | 2  |    |    |    |    |    |    |    |    |
| OPHIOMYXA FLACCIDA                       |         |    |    | 4  |    |    |    |    |    |    |    |    |    |    |
| ASTEROSCHEMA SP. B                       |         |    |    |    |    |    |    |    |    |    |    | 5  |    | 1  |
| ASTEROSCHEMA SP. A                       |         |    |    |    |    |    |    |    |    |    |    |    | 5  |    |
| ASTEROPORPA ANNULATA                     |         |    |    |    |    | 2  |    |    |    |    |    |    | 2  |    |
| ASTEROPHYTON MURICATUM                   |         | 1  |    |    |    |    |    |    |    | 1  |    |    |    |    |
| OPHIURA SP.                              |         |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| OPHIOMUSIUM SP. A                        |         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| OPHIOLEPIS ELEGANS                       | 3       |    | 2  | 2  |    | 4  |    |    |    |    |    |    |    |    |
| OPHIOCOMA WENDTI                         |         |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| OPHIONEREIS OLIVACEA                     |         |    |    |    |    |    |    |    | 1  |    |    |    |    |    |
| OPHIOPLAX SP. A                          |         |    |    |    |    |    |    |    |    |    |    |    | 1  | 9  |
| OPHIODERMA BREVISPINUM                   |         |    |    |    |    |    |    | 1  |    |    |    |    |    |    |
| OPHIODERMA PHOENIUM                      |         |    |    |    |    |    |    |    | 3  | 1  |    |    |    |    |
| OPHIOPAEPALE GOESIANA                    |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |
| OPHIACANTHELLA TROSCHELI                 |         |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| OPHIACTIS MULLERI                        |         |    |    |    |    |    |    |    | 1  | 7  |    |    |    |    |
| OPHIOTHRIX ANGULATA                      | 1       | 1  |    | 14 | 2  |    | 16 |    | 23 | 7  | 7  | 2  | 1  | 3  |
| OPHIOTHRIX SUENSONII                     |         |    |    |    |    |    | 1  | 1  |    |    |    |    |    |    |
| EUCIDARIS TRIBULOIDES TRIBULOIDES        |         | 1  |    | 12 |    |    |    |    |    | 1  |    |    |    |    |
| STYLOCIDARIS AFFINIS                     |         |    |    | 2  | 9  |    |    |    |    |    | 2  | 1  | 12 | 2  |
| CENTROSTEPHANUS LONGISPINUS RUBRICINGULU |         |    |    | 2  |    |    |    |    |    | 5  |    |    |    |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF OTTER TRAWL DATABASE (OTH).  
LIVE BOTTOM STATIONS -- WINTER CRUISE.

| TAXON                                    | STATION |    | 07 | 09 | 11 | 13 | 15 | 21 | 23 | 29 | 32 | 35 | 36  | 38 |
|--|---------|----|----|----|----|----|----|----|----|----|----|----|-----|----|
|  | 01      | 03 |    |    |    |    |    |    |    |    |    |    |     |    |
| DIADEMA ANTILLARUM                       |         |    |    |    |    |    |    |    | 1  | 7  |    |    |     |    |
| ARBACIA PUNCTULATA                       |         | 1  | 1  |    |    |    |    |    |    |    |    |    |     |    |
| GENOCIDARIS MACULATA                     | 1       | 2  |    | 1  |    |    |    |    |    |    |    |    |     | 1  |
| LYTECHINUS EUERGES                       |         |    |    |    |    |    |    |    | 1  |    |    |    |     |    |
| LYTECHINUS VARIEGATUS CAROLINUS          | 4       |    | 18 | 2  |    |    |    |    |    |    |    |    |     |    |
| ECHINONEUS CYCLOSTOMUS                   |         |    |    |    |    |    |    |    |    |    |    |    |     | 1  |
| CLYPEASTER SUBDEPRESSUS                  |         |    | 1  |    |    |    |    |    |    |    |    |    |     |    |
| CLYPEASTER RAVENELII                     |         |    |    |    |    |    |    |    |    |    |    |    | 2   |    |
| CLYPEASTER PROSTRATUS                    |         |    |    | 2  |    |    |    |    |    |    |    |    |     |    |
| ECHINOLAMPAS DEPRESSA                    |         |    |    |    |    |    |    |    |    |    |    |    |     | 3  |
| THYONELLA PERVICAX                       |         |    |    |    |    | 2  |    |    |    |    |    |    |     |    |
| HOLOTHURIA (VANEOYTHURIA) LENTIGINOSA EN |         |    |    |    |    |    |    |    |    |    |    | 2  |     |    |
| ASTICHOPUS MULTIFIDUS                    |         |    |    |    |    |    |    | 3  |    |    |    |    |     |    |
| ISOSTICHOPUS BADIONOTUS                  |         |    |    |    |    | 2  |    |    |    |    |    |    |     |    |
| COMACTINIA MERIDIONALIS                  |         |    |    |    |    |    |    |    |    |    | 10 |    | 15  | 17 |
| LEPTONEMASTER VENUSTUS                   |         |    |    |    |    |    |    |    |    |    |    |    | 126 | 2  |
| NEOCOMATELLA PULCHELLA                   |         |    |    |    |    |    |    |    |    |    | 34 | 2  | 32  | 35 |
| ANALCIDOMETRA ARMATA                     |         |    |    |    |    |    |    |    | 1  |    |    |    |     | 1  |
| STYLOMETRA SPINIFERA                     |         |    |    |    |    |    |    |    |    |    |    | 3  |     | 2  |
| CRINOMETRA BREVIPINNA                    |         |    |    |    |    |    |    |    |    |    |    | 14 |     | 30 |
| CLAVELINA SP.                            |         |    | X  |    |    |    |    |    |    | X  |    |    |     |    |
| CLAVELINA GIGANTEA                       |         | X  |    |    |    |    |    |    |    |    |    |    |     |    |
| CLAVELINA SP. 1                          |         | X  |    |    |    |    |    | X  |    |    |    |    |     |    |
| DISTAPLIA BERMUDENSIS                    | X       |    |    |    |    |    |    |    |    |    |    |    |     |    |
| EUDISTOMA SP.                            |         |    |    |    |    |    |    |    |    |    |    |    |     |    |
| EUDISTOMA CAPSULATUM                     |         |    | X  |    | X  |    |    |    |    | X  |    |    |     |    |
| APLIDIUM SP.                             |         |    | X  |    |    |    |    |    |    | X  |    |    |     |    |
| APLIDIUM CONSTELLATUM                    | X       |    |    |    |    | X  |    |    |    |    |    |    | X   |    |
| DIDEMNUM CANDIDUM                        |         | X  | X  | X  | X  |    |    | X  | X  |    |    |    |     |    |
| CNEMIDOCARPA SP.                         | X       |    |    |    |    |    |    |    |    |    |    |    |     |    |
| POLYCARPA OBTECTA                        |         |    |    | X  |    |    |    |    |    |    |    |    |     |    |
| POLYCARPA CIRCUMARATA                    | X       |    | X  | X  |    |    |    |    |    |    |    |    |     |    |
| POLYANDROCARPA FLORIDANA                 |         |    |    | X  |    |    |    |    |    |    |    |    |     |    |
| SCYLIORHINUS RETIFER                     |         |    |    |    |    |    |    |    |    |    |    |    |     | 1  |
| NARCINE BRASILIENSIS                     |         |    |    |    |    | 1  |    |    |    |    |    |    |     |    |
| RAJIDAE                                  |         |    |    |    |    |    |    |    |    |    | X  |    |     |    |
| RAJA EGLANTERIA                          |         | 1  |    |    |    |    |    |    |    |    |    |    |     |    |
| DASYTIS SAYI                             |         |    |    |    |    | 1  |    |    |    |    |    |    |     |    |
| GYMNOTHORAX SP.                          |         |    |    |    |    |    |    |    |    |    |    |    |     |    |
| GYMNOTHORAX NIGROMARGINATUS              |         |    |    | 1  |    |    |    |    |    |    |    |    |     |    |
| SYNODUS SP.                              |         |    | 1  |    |    |    |    |    |    |    |    |    |     |    |
| SYNODUS FOETENS                          | 3       | 3  | 2  | 1  |    |    | 1  |    |    |    |    |    |     |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF OTTER TRAWL DATABASE (OTH),  
LIVE BOTTOM STATIONS -- WINTER CRUISE.

| TAXON                       | STATION |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|-----------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
|                             | 01      | 03 | 07 | 09 | 11 | 13 | 15 | 21 | 23 | 29 | 32 | 35 | 38 | 38 |  |
| SYNODUS INTERMEDIUS         |         | 7  |    | 7  | 12 |    | 2  |    | 2  |    | 2  |    |    | 2  |  |
| SYNODUS POEYI               |         | 2  |    | 11 | 1  |    |    |    |    |    | 1  |    | 3  | 2  |  |
| SYNODUS SYNODUS             |         |    |    |    |    |    |    |    | 4  |    |    |    |    |    |  |
| SAURIDA SP.                 |         |    |    | 1  |    |    |    |    |    |    |    | 1  |    |    |  |
| SAURIDA BRASILIENSIS        |         |    |    |    |    |    |    |    |    | 1  |    | 1  |    | 1  |  |
| TRACHINOCEPHALUS NYOPS      |         |    |    | 4  |    | 1  |    |    |    |    |    |    |    |    |  |
| PORICHTHYS PLECTRODON       |         |    |    | 5  | 8  |    |    | 1  |    |    |    |    |    |    |  |
| OPSANSUS PARDUS             |         |    |    |    |    | 1  | 1  |    |    |    |    |    |    |    |  |
| ANTENNARIUS OCELLATUS       |         |    |    | 1  | 1  |    |    |    |    |    |    |    |    | 1  |  |
| ANTENNARIUS RADIOSUS        |         |    |    |    |    |    |    |    |    |    | 2  | 1  |    |    |  |
| OGCOCEPHALUS DECLIVIROSTRIS |         |    |    |    |    | 2  |    |    |    |    |    |    |    |    |  |
| OGCOCEPHALUS CORNIGER       |         |    |    |    |    |    |    |    |    |    | 2  |    | 1  |    |  |
| HALIEUTICHTHYS ACULEATUS    |         | 1  |    | 7  | 8  |    |    |    |    |    | 2  |    | 6  |    |  |
| PHYSICULUS FULVUS           |         |    |    |    |    |    |    |    |    |    |    |    |    | 16 |  |
| BREGMACEROS ATLANTICUS      |         |    |    |    | 1  |    |    |    |    |    |    |    |    | 1  |  |
| UROPHYCIS FLORIDANUS        |         |    |    | 1  | 7  |    |    |    |    |    | 1  | 2  | 1  |    |  |
| OPHIDIION BEANI             |         |    |    |    |    |    |    | 1  |    |    | 1  |    |    |    |  |
| OPHIDIION DROMIO            |         |    |    |    | 3  |    |    |    |    |    | 1  |    |    |    |  |
| Holocentrus rufus           |         |    |    |    |    |    |    |    |    | 3  |    |    |    |    |  |
| OSTICHTHYS TRACHYPOMA       |         |    |    |    |    |    |    |    |    |    | 1  |    |    | 5  |  |
| ADIORYX BULLISI             |         |    |    |    | 1  |    |    | 1  |    | 5  |    |    |    |    |  |
| ANTIGONIA CAPROS            |         |    |    |    |    |    |    |    |    |    | 2  |    | 1  | 2  |  |
| HIPPOCAMPUS ERECTUS         | 3       | 1  | 1  | 2  |    | 12 |    |    |    |    |    |    |    |    |  |
| PONTINUS CASTOR             |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |  |
| PONTINUS RATHBUNI           |         |    |    |    |    |    |    |    |    |    | 4  | 17 | 7  | 7  |  |
| SCORPAENA SP.               | 1       |    |    | 8  | 48 |    |    |    |    |    |    |    |    |    |  |
| SCORPAENA AGASSIZI          |         |    |    | 7  | 2  |    |    |    |    |    | 6  |    |    |    |  |
| SCORPAENA ALBIFIMBRIA       |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |  |
| SCORPAENA BRACHYPTERA       |         |    |    | 10 |    |    |    |    |    |    |    |    |    |    |  |
| SCORPAENA BRASILIENSIS      |         |    |    | 8  |    |    |    | 3  |    | 2  |    |    |    |    |  |
| SCORPAENA DISPAR            |         |    |    |    |    |    |    | 1  |    |    |    |    |    |    |  |
| SCORPAENA ELACHYS           |         |    |    |    |    |    |    |    | 2  |    |    |    |    |    |  |
| SCORPAENA INERMIS           |         |    |    |    |    |    |    | 2  |    | 2  |    |    |    |    |  |
| SCORPAENA PLUMIERI          |         |    |    |    |    |    |    | 1  |    |    |    |    |    |    |  |
| PRIONOTUS SP.               |         |    |    | 3  |    |    |    |    |    |    |    |    |    |    |  |
| PRIONOTUS OPHRYAS           | 1       |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| PRIONOTUS ROSEUS            |         |    |    | 8  |    |    |    | 1  |    |    |    |    |    |    |  |
| PRIONOTUS STEARNSI          |         |    |    |    |    |    |    |    |    |    |    | 3  | 1  |    |  |
| BELLATOR BRACHYCHIR         |         |    |    |    | 1  |    |    |    |    |    |    |    |    |    |  |
| BELLATOR EGRETTA            |         |    |    |    |    |    |    |    |    |    | 1  |    | 2  |    |  |
| CENTROPRISTIS OCYURUS       | 1       |    |    | 3  | 2  |    |    |    |    |    |    |    |    |    |  |
| EPINEPHELUS MORIO           |         |    |    |    |    | 1  | 1  | 3  |    |    |    |    |    |    |  |

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TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF OTTER TRAWL DATABASE (OTM),  
LIVE BOTTOM STATIONS -- WINTER CRUISE.

| TAXON                    | STATION |    | 07 | 08 | 11 | 13 | 15 | 21 | 23 | 29 | 32 | 35 | 36 | 38 |
|--------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                          | 01      | 03 |    |    |    |    |    |    |    |    |    |    |    |    |
| DIPLECTRUM FORMOSUM      | 1       | 3  |    |    |    | 1  |    |    |    |    |    |    |    |    |
| HEMANTHIAS VIVANUS       |         |    |    |    |    |    |    |    |    |    | 14 |    |    |    |
| HYPOPECTRUS SP.          |         |    |    |    |    |    |    |    |    |    |    | 1  |    |    |
| SERRANICULUS PUMILIO     | 1       | 1  |    |    |    |    |    |    | 3  |    |    |    |    |    |
| SERRANUS ANNULARIS       |         |    | 2  |    |    |    |    |    |    |    |    |    |    |    |
| SERRANUS NOTOSPILUS      |         |    |    |    | 7  |    |    |    |    |    | 12 |    | 8  | 2  |
| SERRANUS PHOEBE          |         | 10 |    | 1  | 27 |    |    | 1  | 12 |    | 17 |    | 1  |    |
| SERRANUS SUBLIGARIUS     |         |    |    |    |    | 4  |    |    |    |    |    |    |    |    |
| SERRANUS TORTUGARUM      |         |    |    |    |    |    |    |    |    |    |    |    |    |    |
| SHULTZEA BETA            |         |    |    |    |    |    |    |    |    | 6  |    |    |    |    |
| HOLANTHIAS MARTINICENSIS |         |    |    |    |    |    |    |    |    | 81 | 1  |    |    |    |
| RYPTICUS BISTRISPINUS    |         |    |    |    |    |    |    |    |    |    | 24 |    | 2  |    |
| PRISTIGENYS ALTA         |         |    |    | 6  |    |    |    |    |    |    |    |    | 1  |    |
| APOGON AUROLINEATUS      |         |    |    | 1  |    |    |    |    |    |    |    | 1  |    |    |
| APOGON MACULATUS         |         |    |    | 5  |    |    |    | 2  |    |    |    |    |    |    |
| APOGON PSEUDOMACULATUS   |         |    |    |    | 3  |    |    | 2  |    | 46 |    |    |    |    |
| APOGON PILLIONATUS       |         |    |    |    |    |    |    | 1  |    | 1  |    |    |    |    |
| APOGON PHENAX            |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |
| CHEILODIPTERUS AFFINIS   |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |
| SYNAGROPS BELLUS         |         |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| LUTJANUS SYNAGRIS        |         |    |    |    |    |    |    | 1  | 1  |    |    |    |    |    |
| HAEMULON AUROLINEATUM    |         |    |    |    |    |    |    | 2  |    |    |    |    |    |    |
| HAEMULON PLUMIERI        |         |    |    |    |    | 1  |    |    |    |    |    |    |    |    |
| HAEMULON STRIATUM        |         |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| CALAMUS CALAMUS          |         |    |    |    |    | 2  |    |    |    |    |    |    |    |    |
| CALAMUS PRORIDENS        |         |    |    |    |    |    |    | 1  | 1  |    |    |    |    |    |
| EQUETUS SP.              |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| EQUETUS LANCEOLATUS      |         |    |    |    |    |    |    | 4  |    |    |    |    |    |    |
| EQUETUS UMBROSUS         |         |    |    |    |    |    |    | 1  |    |    |    |    |    |    |
| CHAETODON OCELLATUS      |         |    |    |    |    |    |    | 1  | 1  |    |    |    |    |    |
| CHAETODON AYA            |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |
| CHAETODON SEDENTARIUS    |         |    |    |    |    |    |    | 1  |    | 7  |    |    |    |    |
| HOLACANTHUS CILIARIS     |         | 1  |    |    |    |    |    |    |    |    |    |    |    |    |
| HOLACANTHUS BERMUDENSIS  |         |    |    |    |    |    |    | 1  | 1  |    | 1  |    |    |    |
| CHROMIS CYANEUS          |         |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| CHROMIS ENCHRYSURUS      |         |    |    |    |    |    |    | 2  |    | 39 |    |    |    |    |
| CHROMIS SCOTTI           |         |    |    |    |    |    |    | 1  |    | 22 |    |    |    |    |
| EUPOMACENTRUS PARTITUS   |         |    |    |    |    |    |    |    |    | 7  |    |    |    |    |
| AMBLYCIRRHITUS PINOS     |         |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| BODIANUS PULCHELLUS      |         |    |    |    |    |    |    |    |    | 2  |    |    |    |    |
| BODIANUS RUFUS           |         |    |    |    |    |    |    |    |    |    | 1  |    |    | 6  |
| DECODON PUELLARIS        |         |    |    |    |    |    |    |    |    |    |    | 1  |    | 1  |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF OTTER TRAWL DATABASE (OTH),  
LIVE BOTTOM STATIONS -- WINTER CRUISE.

| TAXON                      | STATION |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----------------------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                            | 01      | 03 | 07 | 09 | 11 | 13 | 15 | 21 | 23 | 29 | 32 | 35 | 36 | 38 |
| NICHOLSINA USTA            | 2       |    |    | 2  |    |    |    |    |    |    |    |    |    |    |
| SPARISOMA ATOMARIUM        |         |    |    |    |    |    |    | 1  | 2  | 36 |    |    |    |    |
| ASTROSCOPUS Y-GRAECUM      |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| HYPLEUROCHILUS BERMUDENSIS |         |    |    |    |    | 1  | 4  |    |    |    |    |    |    |    |
| PARABLENNIUS NARMOREUS     |         |    |    |    |    | 1  |    |    |    |    |    |    |    |    |
| EMBLEMARIA ATLANTICA       |         |    |    |    |    |    |    | 1  |    |    |    |    |    |    |
| CORYPHOPTERUS SP.          |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| GOBIOSOMA MACRODON         |         |    |    |    |    | 1  |    |    |    |    |    |    |    |    |
| GOBIOSOMA OCEANOPS         |         |    |    |    |    |    | 8  |    |    |    |    |    |    |    |
| RISOR RUBER                |         |    |    |    |    |    | 1  |    |    |    |    |    |    |    |
| VARICUS MARILYNAE          |         |    |    |    |    |    |    |    |    |    |    | 1  |    |    |
| CITHARICHTHYS SP.          |         |    |    | 1  | 1  |    |    |    |    |    |    |    |    |    |
| CITHARICHTHYS CORNUATUS    |         |    |    |    |    |    |    |    |    |    |    |    | 7  |    |
| CITHARICHTHYS GYMNORHINUS  |         |    |    | 3  |    |    |    |    |    |    |    |    |    |    |
| ETROPUS RIMOSUS            | 2       |    |    |    |    |    |    |    |    |    |    |    |    |    |
| BOTHUS OCELLATUS           |         |    |    |    |    |    |    | 1  |    |    |    |    |    |    |
| BOTHUS ROBINSI             |         |    |    | 2  |    |    |    |    |    |    |    |    |    |    |
| SVACIUM SP.                |         |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| SVACIUM PAPILLOSUM         | 1       |    |    | 48 | 12 |    |    | 1  |    |    |    |    |    | 1  |
| SYMPHURUS SP.              |         |    |    |    |    |    |    |    |    |    | 1  |    |    |    |
| PARAHOLLARDIA LINEATA      |         |    |    |    |    |    |    |    |    |    | 1  |    |    | 1  |
| ALUTERUS SCHOEFFI          |         |    |    |    |    |    |    |    |    |    | 3  |    |    | 1  |
| ALUTERUS SCRIPTUS          |         |    |    | 2  |    |    |    |    |    |    |    |    |    |    |
| MONACANTHUS CILIATUS       | 15      |    |    | 10 | 6  | 1  | 1  |    | 3  | 9  |    | 1  |    |    |
| MONACANTHUS HISPIDUS       |         |    |    | 5  |    |    | 1  |    |    |    |    |    |    |    |
| MONACANTHUS SETIFER        |         |    |    | 2  |    |    |    | 2  |    |    | 1  |    |    |    |
| LACTOPHRYS QUADRICORNIS    | 1       |    |    |    |    | 2  |    | 1  |    |    |    |    |    |    |
| SPHOEROIDES SPENGLERI      |         |    |    |    | 3  |    |    |    |    |    |    |    |    |    |
| CANTHIGASTER ROSTRATA      |         |    |    |    |    |    |    |    |    | 1  |    |    |    |    |
| CHILOMYCTERUS SCHOEFFI     |         |    |    | 1  |    |    | 4  |    |    |    |    |    |    |    |
| DIODON HOLACANTHUS         |         |    |    |    |    |    |    |    |    | 1  |    |    |    |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

**APPENDIX C.2**  
**LIVE BOTTOM TRIANGLE DREDGE DATA**

NOTE:

The following tables present summary catch information for live bottom triangle dredge samples taken during each cruise. Separate tables are presented for each station during each cruise. Replicate samples are listed on each table. Data shown are listed in one of two ways. If individuals of a given taxon were enumerated, a number representing total abundance is shown. If individuals were not counted, an "x" is shown, indicating that members of a given taxon were present in a given sample.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 01.

| TAXON                           | REPLICATE |   |   |
|---------------------------------|-----------|---|---|
|                                 | A         | B | C |
| MICROCOLEUS LYNHYACELUS         | X         |   |   |
| CODIUM ISTHMOCLADUM             | X         | X |   |
| CAULERPA CUPRESSOIDES           |           | X |   |
| AVRAINVILLEA NIGRICANS          |           | X |   |
| AVRAINVILLEA LONGICAULIS        | X         | X |   |
| AVRAINVILLEA ASARIFOLIA         |           |   | X |
| HALIMEDA SCABRA                 | X         | X | X |
| PENICILLUS PYRIFORMIS           | X         |   | X |
| RHIPOCEPHALUS PHOENIX           |           | X |   |
| UDOTEA CONGLUTINATA             | X         | X | X |
| UDOTEA CYATHIFORMIS             | X         | X |   |
| UDOTEA FLABELLUM                | X         |   | X |
| DICTYOTA DIVARICATA             | X         |   |   |
| DICTYOTA INDICA                 |           | X |   |
| SARGASSUM HYSTRIX V. SPINULOSUM | X         | X | X |
| AGARDHIELLA RAMOSSISIMA         |           | X |   |
| AGARDHIELLA SUBULATA            |           | X | X |
| EUCHEUMA ISIFORME V. DENUTATUM  | X         | X | X |
| EUCHEUMA ACANTHOCLADUM          |           | X |   |
| GRACILARIA ORNATA               | X         | X | X |
| GRACILARIA DEBILIS              | X         |   |   |
| GRACILARIA CYLINDRICA           | X         |   |   |
| GRACILARIA SP. 1                |           |   | X |
| WURDEMANNIA MINIATA             | X         |   | X |
| JANIA ADHERENS                  |           | X |   |
| LITHOTHAMNIUM CALCAREUM         | X         | X |   |
| BOTRYOCLADIA OCCIDENTALIS       | X         | X | X |
| SPYRIDIA FILAMENTOSA            | X         |   | X |
| LAURENCIA SP.                   |           |   | X |
| LAURENCIA INTRICATA             | X         | X | X |
| LAURENCIA OBTUSA                | X         |   |   |
| THALASSIA TESTUDINUM            | X         |   |   |
| HALOPHILA DECIPIENS             | X         | X | X |
| ? HALICLONA SPP.                | X         |   |   |
| ACARNUS SP.                     |           | X |   |
| PANDAROS SP.                    |           |   | X |
| CIOCALYPTA SPP.                 |           | X |   |
| OXEOSTILON BURTONI              | X         |   |   |
| TIMEA ? MIXTA                   |           | X | X |
| CINACHYRA ALLOCLADA             | X         | X | X |
| AXINELLA POLYCAPELLA            |           | X |   |
| AXINELLA SPP.                   |           | X |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 01.

| TAXON                       | REPLICATE |   |   |
|-----------------------------|-----------|---|---|
|                             | A         | B | C |
| AXINELLA ? BOOKHOUTI        |           | X |   |
| HOMAXINELLA WALTONSMITHI    |           | X | X |
| PSEUDAXINELLA LUNAECHARTA   |           | X |   |
| PSEUDAXINELLA ? LUNAECHARTA |           | X |   |
| TEICHAXINELLA ? CORRUGATA   |           | X |   |
| PHAKELLIA FOLIUM            |           | X |   |
| ? TEICHAXINELLA SP.         |           | X |   |
| ? AXINELLA SPP.             | X         |   |   |
| HIGGINSIA STRIGILATA        |           |   | X |
| EURYPONIDAE                 |           |   | X |
| THALYSEURYPON SPP.          | X         | X |   |
| CORYDENDRIUM PARASITICUM    | X         |   |   |
| EUDENDRIUM CARNEUM          | X         |   |   |
| DYNAMENA POURTALESI         |           |   | X |
| MONOSTAECIAS QUADRIDENS     | X         |   | X |
| STEPHANOCOENIA MICHELINII   | 1         | 1 |   |
| SIDERASTREA RADIANI         | 5         | 1 |   |
| CLADOCORA ARBUSCULA         | 8         | 1 |   |
| SOLENASTREA HYADES          | 5         | 1 |   |
| PHYLLANGIA AMERICANA        | 1         |   |   |
| OCULINA SP.                 | 1         |   |   |
| POLYCHAETA                  | X         | X | X |
| DIODORA DYSONI              |           | 1 |   |
| STROMBUS COSTATUS           |           | 2 |   |
| CHICOREUS FLORIFER          | 1         |   |   |
| PHYLLONOTUS POMUM           |           | 1 |   |
| CANTHARUS MULTANGULUS       | 1         | 1 | 1 |
| ARCA ZEBRA                  | 1         |   |   |
| LITHOPHAGA BISULCATA        |           | 1 |   |
| ARGOPECTEN GIBBUS           | 1         | 2 | 1 |
| CHIONE LATILIRATA           | 1         |   |   |
| CHAMA CONGREGATA            |           |   | 1 |
| CHAMA MACEROPHYLLA          |           | 2 |   |
| OCTOPUS JOUBINI             |           | 1 |   |
| TRACHYPENAEUS CONSTRICTUS   | 4         |   | 1 |
| METAPENAEOPSIS GOODEI       | 17        |   | 2 |
| SICYONIA BREVIROSTRIS       | 5         |   |   |
| SICYONIA LAEVIGATUS         |           | 1 |   |
| SICYONIA TYPICA             |           | 1 | 3 |
| PERICLIMENES AMERICANUS     | 1         |   |   |
| PERICLIMENES LONGICAUDATUS  | 4         |   |   |
| SYNALPHEUS GOODEI           | 1         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 01.

| TAXON                           | REPLICATE |    |   |
|---------------------------------|-----------|----|---|
|                                 | A         | B  | C |
| SYNALPHEUS PANDIONIS            | 1         |    |   |
| SYNALPHEUS TOWNSENDI            | 1         |    |   |
| TOZEUMA SERRATUM                | 2         | 1  | 1 |
| PROCESSIDAE                     |           |    | 1 |
| NIKOIDES SCHMITTI               |           |    | 1 |
| PROCESSA BERMUDENSIS            | 4         |    |   |
| SCYLLARUS AMERICANUS            | 1         | 1  |   |
| PAGURUS BREVIDACTYLUS           | 1         |    |   |
| PAGURUS STIMPSONI               |           |    | 1 |
| MANUCOMPLANUS CORALLINUS        | 1         |    | 4 |
| PHIMOCHIRUS HOLTHUISI           | 1         | 1  | 1 |
| PAGURISTES SERICEUS             |           |    | 1 |
| PAGURISTES TORTUGAE             | 1         | 1  |   |
| HYPOCONCHA SPINOSISSIMA         |           | 1  |   |
| CALAPPA FLAMMEA                 |           |    | 1 |
| MACROCOELOMA CAMPTOCERUM        | 2         | 2  | 3 |
| MACROCOELOMA TRISPINOSUM        | 1         | 1  |   |
| NITHRAX (NITHRAX) PLEURACANTHUS | 4         | 3  | 1 |
| NITHRAX (NITHRACULUS) FORCEPS   | 5         | 6  | 1 |
| PITHO LHERMINIERI               | 1         |    |   |
| PODOCHELA LAMELLIGERA           |           | 1  |   |
| PODOCHELA RIISEI                | 4         | 2  | 1 |
| TYCHE EMARGINATA                |           |    | 1 |
| PORTUNUS GIBBESI                |           | 8  | 4 |
| PORTUNUS SPINICARPUS            | 1         | 1  |   |
| PORTUNUS ORDWAYI                |           |    | 2 |
| LOBOPILUMNUS AGASSIZI           |           |    | 1 |
| PSEUDOMEDAUS AGASSIZI           |           | 1  |   |
| EURYPLAX NITIDA                 | 1         | 4  | 2 |
| PALICUS ALTERNATUS              |           |    | 1 |
| GONODACTYLUS BREDINI            | 5         | 11 | 4 |
| APLOUSINA FILUM                 | X         |    |   |
| EXECHONELLA ANTILLEA            | X         |    |   |
| NELLIA OCVLATA                  | X         | X  |   |
| BUGULA NERITINA                 | X         |    |   |
| BUGULA CF. FULVA                |           | X  |   |
| SCRUPOCELLARIA REGULARIS        | X         | X  |   |
| STYLOPOMA SPONGITES             | X         | X  | X |
| HIPPOPORIDRA EDAX               | X         |    | X |
| CELLEPORARIA ALBIROSTRIS        | X         | X  |   |
| CELLEPORARIA MAGNIFICA          | X         | X  | X |
| LUIDIA ALTERNATA                |           |    | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 01.

| TAXON                           | REPLICATE |    |   |
|---------------------------------|-----------|----|---|
|                                 | A         | B  | C |
| ASTROPECTEN SP.                 | 1         |    |   |
| TOSIA PARVA                     | 1         |    |   |
| ECHINASTER SP.                  | 8         | 3  | 5 |
| OPHIOLEPIS ELEGANS              | 3         | 10 | 3 |
| OPHIODERMA BREVICAUDUM          |           |    | 2 |
| OPHIOTHRIX ANGULATA             | 1         | 7  |   |
| ARBACIA PUNCTULATA              | 3         | 1  | 1 |
| LYTECHINUS VARIEGATUS CAROLINUS | 6         | 4  | 1 |
| ENCOPE ABERRANS                 |           |    | 1 |
| ISOSTICHOPUS BADIOTUS           | 1         |    | 1 |
| RHABDOPLEURA COMPACTA           | X         | X  |   |
| DISTAPLIA BERMUDENSIS           |           | X  |   |
| STYELA PARTITA                  |           | 1  |   |
| OPSANSUS PARDUS                 |           | 1  |   |
| SCORPAENA DISPAR                |           | 1  |   |
| PRIONOTUS ALATUS                | 1         |    |   |
| SERRANICULUS PUMILIO            | 2         | 1  |   |
| BALISTIDAE                      | 1         |    |   |
| MONACANTHUS CILIATUS            |           | 1  |   |
| MONACANTHUS HISPIDUS            | 1         |    |   |
| LACTOPHRYS QUADRICORNIS         | 1         |    |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 03.

| TAXON                               | REPLICATE |   |   |
|-------------------------------------|-----------|---|---|
|                                     | A         | B | C |
| CODIUM ISTHMOCLADUM                 |           | X |   |
| CAULERPA TAXIFOLIA                  |           |   | X |
| CAULERPA SERTULARIOIDES             | X         | X |   |
| CAULERPA MEXICANA                   | X         | X | X |
| HALIMEDA GRACILIS                   |           | X | X |
| UDOTEA CYATHIFORMIS                 | X         | X | X |
| STRUVEA SP.                         |           | X |   |
| CYSTODICTYON PAVONIUM               | X         | X | X |
| DICTYOPTERIS MEMBRANACEA            |           | X |   |
| DICTYOTA DIVARICATA                 |           | X | X |
| GRACILARIA SP. 1                    | X         | X | X |
| PEYSSONNELIA RUBRA                  |           | X |   |
| PEYSSONNELIA SIMULANS               |           |   | X |
| LITHOTHAMNIUM CALCAREUM             |           | X | X |
| LITHOTHAMNIUM RUPTILE               | X         |   | X |
| THALASSIA TESTUDINUM                | X         | X | X |
| CLATHRINA ? CORIACEA                |           |   | X |
| ? LEUCOSOLENIA SPP.                 | X         |   | X |
| DEMOSPONGEA                         |           | X |   |
| IRGINIA STROBILINA                  | X         |   |   |
| IRGINIA FELIX                       | X         |   |   |
| DYSIDEA SPP.                        | X         | X |   |
| APLYSINA SP.                        |           | X |   |
| CHELONAPLYSILLA SP.                 | X         |   |   |
| NIPHATES ERECTA                     | X         |   |   |
| ? HALICLONA SPP.                    | X         | X |   |
| SIPHONODICTYON SIPHONUM             | X         |   |   |
| ACARNUS SP.                         |           | X |   |
| IOTROCHOTA BIROTULATA               |           | X |   |
| MICROCIONIDAE                       |           | X |   |
| MICROCIONA PROLIFERA                |           |   | X |
| ? BIEMNA SPP.                       | X         |   |   |
| ? BUBARIS SPP.                      | X         |   |   |
| ? HALICHONDRIA SPP.                 | X         |   |   |
| HYMENIACIDON SPP.                   | X         |   |   |
| OXEOSTILON BURTONI                  | X         |   |   |
| DEMOSPONGEA-HADROMERIDA             |           | X |   |
| SPIRASTRELLA COCCINEA               | X         |   | X |
| TIMEA ? MIXTA                       | X         | X |   |
| ANTHOSIGMELLA VARIANS V. INCRUSTANS | X         | X |   |
| ? ANTHOSIGMELLA SPP.                | X         |   |   |
| ? TIMEA SPP.                        |           | X |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 03.

| TAXON                       | REPLICATE |   |   |
|-----------------------------|-----------|---|---|
|                             | A         | B | C |
| TERPIOS SP.                 | X         |   |   |
| LAXOSUBERITES ? COERULEA    |           | X |   |
| PLACOSPONGIA MELOBESIOIDES  | X         |   | X |
| TETHYA ACTINIA              | X         | X | X |
| EPIPOLASIS SPP.             | X         |   |   |
| ? EPIPOLASIS SPP.           | X         | X |   |
| DEMOSPONGEA-CHORISTIDA      |           | X |   |
| GEODIA NEPTUNI              | X         | X |   |
| GEODIA GIBBEROSA            | X         |   | X |
| CINACHYRA ALLOCLADA         | X         | X | X |
| CHONDRILLA ? MUCULA         |           | X |   |
| ? PACHASTRELLA SP.          | X         |   | X |
| DEMOSPONGEA-LITHISTIDA      | X         |   |   |
| AXINELLA POLYCAPELLA        | X         |   |   |
| AXINELLA SPP.               | X         |   |   |
| HOMAXINELLA WALTONSMITHI    |           |   | X |
| PSEUDAXINELLA LUNAECHARTA   | X         | X |   |
| TEICHAXINELLA SHOEMAKERI    | X         |   | X |
| PHAKELLIA FOLIUM            | X         | X |   |
| ? AXINELLA SPP.             |           | X |   |
| ? HIGGINNSIA SP.            |           | X |   |
| THALYSEURYPON SPP.          |           | X |   |
| CORYDENDRIUM PARASITICUM    | X         |   |   |
| EUDENDRIUM CARNEUM          |           |   | X |
| SERTULARELLA SP.            |           | X |   |
| SERTULARELLA PINNIGERA      | X         | X |   |
| THYROSCYPHUS MARGINATUS     |           |   | X |
| AGLAOPHENIA ELONGATA        |           |   | X |
| STEPHANOSCYPHUS CORNIFORMIS | X         | X | X |
| TELESTO CORALLINA           |           | X |   |
| LOPHOGORGIA CARDINALIS      |           | X |   |
| LEPTOGORGIA STHENO          |           |   | X |
| SIDERASTREA RADIANIS        |           |   | 1 |
| OCULINA DIFFUSA             |           |   | 1 |
| OCULINA TENELLA             |           |   | 2 |
| DIODORA MINUTA              |           |   | 1 |
| VERMICULARIA SPIRATA        | 1         | 2 |   |
| TURRITELLA ACROPIRA         | 4         | 2 |   |
| TURRITELLA EXOLETA          | 4         | 6 |   |
| XENOPHORA CONCHYLIOPHORA    | 2         |   |   |
| TRIVIA PEDICULUS            | 1         |   |   |
| MUREX ANNIAE                |           | 1 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 03.

| TAXON                         | REPLICATE |   |    |
|-------------------------------|-----------|---|----|
|                               | A         | B | C  |
| MUREX BELLEGLADENSIS          |           |   | 2  |
| MUREX RUBIDUS                 |           |   | 1  |
| PHYLLONOTUS POMUM             |           |   | 1  |
| FAVARTIA CELLULOSA            | 2         |   |    |
| FASCIOLARIA TULIPA            | 1         |   |    |
| OLIVA CIRGINATA               | 3         |   |    |
| SPLENDRILLIA N. SP.           | 1         |   |    |
| CRASSISPIRA BARTSCHI          | 1         |   |    |
| CONUS RAINESAE                |           | 2 |    |
| STRIOTEREBRUM ONSLOWENSIS     | 1         |   |    |
| GASTROPODA EGGS               | 1         |   |    |
| AMYGDALUM SAGITTATUM          |           | 1 |    |
| EUCRASSATELLA SPECIOSA        | 1         |   | 4  |
| LAEVICARDIUM PICTUM           | 2         |   |    |
| CORBULA DIETZIANA             | 2         | 4 | 3  |
| OCTOPUS SP.                   | 3         | 1 | 1  |
| SICYONIA BREVIROSTRIS         | 3         | 2 | 2  |
| SYNALPHEUS TOWNSENDI          | 2         |   | 1  |
| TOZEUMA SERRATUM              |           |   | 1  |
| SCYLLARUS CHACEI              | 4         | 1 | 2  |
| PAGURUS BREVIDACTYLUS         |           | 1 |    |
| IRIDOPAGURUS CARIBBENSIS      | 1         |   |    |
| MANUCOMPLANUS CORALLINUS      | 1         |   |    |
| PHIMOCHIRUS HOLTHUISI         | 2         | 1 | 2  |
| MUNIDA ANGULATA               | 1         |   | 1  |
| GALATHEA ROSTRATA             | 2         | 1 | 3  |
| PACHYCHELES RUGIMANUS         |           |   | 3  |
| PAGURISTES SERICEUS           | 3         | 5 | 10 |
| PAGURISTES TRIANGULATUS       |           |   | 3  |
| PAGURISTES SP. A              |           | 1 |    |
| DROMIDIA ANTILLENIS           | 3         |   |    |
| CALAPPA FLAMMEA               | 1         |   | 1  |
| CALAPPA ANGUSTA               | 3         |   | 1  |
| CYCLOES BAIRDI                | 1         |   |    |
| CALLIDACTYLUS ASPER           | 3         |   | 1  |
| ILIACANTHA SPARSA             | 1         |   |    |
| RANINOIDES LOEVI              | 3         | 1 | 1  |
| AEPINUS SEPTESPINOSUS         | 1         |   |    |
| MITHRAX (MITHRAX) ACUTICORNIS | 3         |   |    |
| ODOCHELA GRACILIPES           | 1         |   | 1  |
| STENOCIONOPS FURCATA FURCATA  | 2         |   |    |
| STENORHYNCHUS SETICORNIS      |           |   | 2  |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 03.

| TAXON                      | REPLICATE |   |   |
|----------------------------|-----------|---|---|
|                            | A         | B | C |
| PARTHENOPE AGONA           |           |   | 1 |
| PARTHENOPE FRATERCULUS     | 1         | 2 |   |
| PARTHENOPE GRANULATA       | 1         |   |   |
| PARTHENOPE SERRATA         |           |   | 1 |
| PORTUNUS SPINICARPUS       | 5         | 4 | 4 |
| PORTUNUS ORDWAYI           |           | 4 | 3 |
| MICROPANOPE LAEVIMANUS     | 2         |   |   |
| PILUMNUS SP.               |           |   | 1 |
| PILUMNUS FLORIDANUS        | 1         | 1 |   |
| PSEUDOMEDAUS AGASSIZI      | 1         |   |   |
| PALICUS ALTERNATUS         | 4         | 2 | 1 |
| STEGANOPORELLA MAGNILABRIS | X         | X | X |
| LABIOPORELLA GRANULOSA     | X         |   |   |
| CELLARIA IRREGULARIS       |           | X |   |
| NELLIA OCLATA              |           | X |   |
| BUGULA MERITINA            |           |   | X |
| CUPULADRIA BIPOROSA        |           |   | X |
| HIPPOMETRALIELLA BISINUATA | X         |   | X |
| CIGCLISULA CF. TURRITA     | X         | X |   |
| STYLOPOMA SPONGITES        | X         | X | X |
| RETEPORELLINA EVELINAE     |           | X | X |
| BRACEBRIDGIA SUBSULCATA    |           | X | X |
| HIPPALIOSINA ROSTRIGERA    |           |   | X |
| CELLEPORARIA ALBIROSTRIS   |           |   | X |
| CELLEPORARIA MAGNIFICA     | X         |   |   |
| PARASMITTINA TRISPINOSA    | X         |   |   |
| PARASMITTINA SPATHULATA    |           |   | X |
| IDMIDRONEA ATLANTICA       |           | X |   |
| ASTROPECTINIDAE            | 2         |   |   |
| ASTROPECTEN SP.            | 1         | 1 | 2 |
| ASTROPECTEN DUPLICATUS     |           |   | 3 |
| ASTROPECTEN ARTICULATUS    |           | 1 |   |
| NARCISSIA TRIGONARIA       | 1         |   |   |
| ECHINASTER SP.             | 1         |   |   |
| OPHIACTIS SAVIGNYI         |           | 1 |   |
| OPHIOSTIGMA ISOCANTHA      |           | 1 |   |
| OPHIOTHRIX ANGULATA        | 2         | 1 | 1 |
| ARBACIA PUNCTULATA         |           | 1 |   |
| GENOCIDARIS MACULATA       | 2         | 1 |   |
| CLYPEASTER LUTKENI         |           |   | 1 |
| CLAVELINA GIGANTEA         | 5         |   |   |
| EUDISTOMA SP.              |           | 1 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 03.

| TAXON                     | REPLICATE |   |    |
|---------------------------|-----------|---|----|
|                           | A         | B | C  |
| APLIDIUM SP. 2            | 1         |   |    |
| DIDEMNUM CANDIDUM         | X         | X | X  |
| ECHINOCLINUM VERRILLI     | X         | X | X  |
| ANTENNARIIDAE             | 1         |   |    |
| BREGMACEROS ATLANTICUS    | 2         |   |    |
| SCORPAENA BRASILIENSIS    |           |   | 2  |
| EMBLEMARIA PIRATULA       |           | 1 |    |
| GOBIONELLUS SAEPEPALLENIS | 2         |   | 12 |
| CYCLOPSETTA FIMBRIATA     |           |   | 1  |
| SYMPHURUS MINOR           | 1         |   | 1  |
| MONACANTHUS SETIFER       |           |   | 1  |
| SPHOEROIDES DORSALIS      | 1         | 1 |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 07.

| TAXON                           | REPLICATE |   |   |
|---------------------------------|-----------|---|---|
|                                 | A         | B | C |
| HALIMEDA GRACILIS               | X         | X | X |
| HALIMEDA SCABRA                 |           |   | X |
| RHIPOCEPHALUS PHOENIX           |           |   | X |
| UDOTEA FLABELLUM                | X         |   | X |
| SARGASSUM HYSTRIX V. SPINULOSUM | X         |   | X |
| EUCHEUMA ISIFORME V. DENUTATUM  | X         |   | X |
| GRACILARIA CURTISSIAE           |           | X |   |
| GRACILARIA CYLINDRICA           |           | X |   |
| GRACILARIA CERVICORNIS          | X         |   |   |
| GRACILARIA SP. 2                |           |   | X |
| GRACILARIA SP. 1                | X         |   | X |
| LITHOTHAMNIUM CALCAREUM         | X         | X | X |
| BOTRYOCLADIA OCCIDENTALIS       | X         | X | X |
| LAURENCIA INTRICATA             | X         | X | X |
| DYSIDEA ? AVARA                 | X         | X |   |
| ? DYSIDEA SPP.                  | X         | X | X |
| CHELONAPLYSILLA SP.             |           |   | X |
| HALICLONA SPP.                  |           |   | X |
| ? HALICLONA SPP.                | X         | X |   |
| DEMOSPONGEA-POECILOSCLERIDA     | X         |   |   |
| ? ULOSA SPP.                    | X         |   |   |
| MICROCIONIDAE                   | X         |   | X |
| MICROCIONA PROLIFERA            |           |   | X |
| MICROCIONA SPP.                 |           | X | X |
| PANDAROS SP.                    | X         |   |   |
| CIOCALYPTA SPP.                 |           |   | X |
| OXEOSTILON BURTONI              | X         |   | X |
| SPIRASTRELLA COCCINEA           |           | X |   |
| TIMEA ? MIXTA                   | X         | X | X |
| PLACOSPONGIA MELOBESIOIDES      | X         | X | X |
| CLIONA CELATA                   | X         | X | X |
| CLIONA DELITRIX                 | X         |   | X |
| CLIONA ? DELITRIX               |           | X | X |
| ? EPIPOLASIS SPP.               |           | X |   |
| CINACHYRA ALLOCLADA             | X         | X | X |
| CHONDRILLA NUCULA               | X         |   |   |
| ? CHONDROSIA SPP.               |           | X |   |
| AXINELLA POLYCAPELLA            | X         | X | X |
| AXINELLA SPP.                   |           | X | X |
| AXINELLA ? BOOKHOUTI            | X         |   |   |
| HOMAXINELLA WALTONSMITHI        | X         | X | X |
| PSEUDAXINELLA LUNAECARTA        |           |   | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 07.

| TAXON                        | REPLICATE |   |   |
|------------------------------|-----------|---|---|
|                              | A         | B | C |
| PSEUDAXINELLA ROSACEA        | X         | X | X |
| PSEUDAXINELLA ? LUNAECHARTA  |           | X | X |
| TEICHAXINELLA MORCHELLA      |           | X |   |
| TEICHAXINELLA ? CORRUGATA    |           |   | X |
| PHAKELLIA FOLIUM             |           | X | X |
| ? AXINELLA SPP.              | X         |   | X |
| HIGGINSIA STRIGILATA         |           | X |   |
| HEMECTYON ? PEARSEI          |           | X |   |
| THALYSEURYPON SPP.           |           | X | X |
| ? THALYSEURYPON SP.          | X         |   | X |
| CORYDENDRIUM PARASITICUM     | X         |   |   |
| EUDENDRIUM CARNEUM           |           | X |   |
| SERTULARELLA SP.             |           |   | X |
| SERTULARELLA PINNIGERA       |           |   | X |
| MONOSTAECIAS QUADRIDENS      |           |   | X |
| TELESTO SP.                  |           | 2 |   |
| DIODOGORGIA NODULIFERA       | 1         |   |   |
| STEPHANOCOENIA MICHELINII    | 2         | 4 | 1 |
| SIDERASTREA RADIANUS         | 3         | 5 |   |
| PORITES PORITES DIVARICATA   |           |   | X |
| MANICINA AREOLATA            | 1         | 4 |   |
| CLADOCORA ARBUSCULA          | 2         | 2 | 5 |
| SOLENASTREA HYADES           | 4         | 2 | 2 |
| PHYLLANGIA AMERICANA         | 2         | X | 1 |
| OCULINA DIFFUSA              | X         | 1 | 1 |
| OCULINA ROBUSTA              | X         |   |   |
| SCOLYMIA LACERA              | 6         | 1 | 3 |
| ISOPHYLLIA MULTIFLORA        |           | 1 |   |
| DIODORA JAUMEI               |           |   | 1 |
| VERMICULARIA KNORII          |           | 4 |   |
| CHICOREUS FLORIFER           |           | 3 | 2 |
| MUREX ANNAE                  | 1         |   |   |
| MUREX CABRITII               | 1         |   |   |
| FAVARTIA CELLULOSA           |           | 1 |   |
| CANTHARUS MULTANGULUS        |           | 1 |   |
| LATIRUS CARINIFERUS          |           | 1 |   |
| FASCIOLARIA LILIUM TORTUGANA | 2         |   |   |
| OLIVA CIRCINATA              | 1         | 1 | 1 |
| CORALLIOPHILA SCALARIFORMIS  |           | 1 |   |
| CONUS FLORIDANUS             |           | 1 |   |
| DORIS VERRUCOSA              |           |   | 1 |
| ARCA ZEBRA                   |           | 1 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 07.

| TAXON                            | REPLICATE |   |   |
|----------------------------------|-----------|---|---|
|                                  | A         | B | C |
| EUCRASSATELLA SPECIOSA           | 2         | 1 |   |
| MACROCALLISTA MACULATA           | 1         |   |   |
| CHIONE LATILIRATA                | 3         | 1 | 2 |
| GASTROCHAENA HIANIS              | 1         |   |   |
| CHAMA MACEROPHYLLA               | 1         | 2 | 2 |
| SYNALPHEUS TOWNSENDI             | 3         |   |   |
| SCYLLARUS CHACEI                 | 1         |   |   |
| PAGURUS SP. A                    | 1         | 1 |   |
| MANUCOMPLANUS CORALLINUS         | 3         |   |   |
| PHIMOCHIRUS HOLTHUISI            | 4         | 6 | 1 |
| GALATHEA ROSTRATA                |           |   | 1 |
| DARDANUS FUCOSUS                 | 1         | 1 |   |
| PAGURISTES HUMMI                 |           | 1 | 1 |
| PAGURISTES SERICEUS              | 1         | 4 | 3 |
| PAGURISTES TORTUGAE              |           |   | 1 |
| PETROCHIRUS DIOGENES             |           | 3 | 4 |
| CALAPPA FLAMMEA                  |           | 1 | 1 |
| ILIACANTHA INTERMEDIA            | 1         |   |   |
| RANINOIDES LOEVIS                |           |   | 6 |
| MACROCOELOMA TRISPINOSUM         | 1         |   | 1 |
| MACROCOELOMA TRISPINOSUM NODIPES |           | 1 |   |
| MITHRAX (MITHRAX) PLEURACANTHUS  | 2         | 5 | 1 |
| MITHRAX (MITHRACULUS) FORCEPS    | 2         | 1 |   |
| STENOCIONOPS FURCATA FURCATA     |           | 1 |   |
| TYCHE EMARGINATA                 | 1         |   |   |
| MESORHOEA SEXSPINOSA             |           | 1 |   |
| CRONIUS RUBER                    |           |   | 1 |
| PORTUNUS ORDWAYI                 | 4         | 2 | 1 |
| LOBOPILUMNUS AGASSIZI            | 2         | 2 |   |
| PILUMNUS SAYI                    | 1         | 2 | 4 |
| PSEUDOMEDAUS AGASSIZI            | 2         | 2 |   |
| GONODACTYLUS BREDINI             | 1         | 2 | 3 |
| BUGULA NERITINA                  |           | X |   |
| SCRUPOCELLARIA REGULARIS         | X         |   |   |
| CUPULADRIA BIPOROSA              |           | X |   |
| STYLOPOMA SPONGITES              | X         | X | X |
| CELLEPORARIA ALBIROSTRIS         | X         | X | X |
| CELLEPORARIA MAGNIFICA           |           |   | X |
| LUIDIA ALTERNATA                 | 1         |   |   |
| ASTROPECTEN SP.                  |           |   | 3 |
| ASTROPECTEN DUPLICATUS           |           | 1 | 2 |
| OPHIOLEPIS ELEGANS               | 3         | 2 | 2 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 07.

| TAXON                           | REPLICATE |   |   |
|---------------------------------|-----------|---|---|
|                                 | A         | B | C |
| OPHIODERMA BREVICAUDUM          | 1         |   |   |
| OPHIOTHRIX ANGULATA             | 1         | 3 |   |
| ARBACIA PUNCTULATA              |           |   | 2 |
| LYTECHINUS VARIEGATUS CAROLINUS |           |   | 1 |
| ENCOPE ABERRANS                 | 2         | 7 |   |
| ISOSTICHOPUS BADIONOTUS         | 1         | 1 | 1 |
| RHABDOPLEURA COMPACTA           | X         | X |   |
| CLAVELINA GIGANTEA              | 7         | 3 | 1 |
| EUDISTOMA SP.                   | 1         |   |   |
| APLIDIUM SP. 2                  |           | 4 |   |
| DIDEMNUM CANDIDUM               | X         | X | X |
| ASCIDIA SP.                     |           |   | 1 |
| STYELA PARTITA                  | 2         |   |   |
| POLYCARPA CIRCUMARATA           | 1         | 3 |   |
| OPSANSUS PARDUS                 |           |   | 1 |
| SERRANICULUS PUMILIO            |           | 2 | 1 |
| SERRANUS SUBLIGARIUS            | 1         |   |   |
| HOLACANTHUS BERMUDENSIS         |           |   | 1 |
| CORYPHOPTERUS DICRUS            |           | 1 |   |
| LACTOPHRYS QUADRICORNIS         | 1         |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 09.

| TAXON                    | REPLICATE |   |   |
|--------------------------|-----------|---|---|
|                          | A         | B | C |
| CODIUM ISTHMOCLADUM      |           | X |   |
| PSEUDOCODIUM FLORIDANUM  | X         |   |   |
| CAULERPA SERTULARIOIDES  | X         | X | X |
| HALIMEDA GRACILIS        | X         | X | X |
| HALIMEDA SCABRA          | X         | X |   |
| UDOTEA CYATHIFORMIS      | X         | X | X |
| STRUVEA PULCHERRIMA      | X         | X | X |
| DICTYOPTERIS DELICATULA  | X         |   |   |
| DICTYOPTERIS JUSTII      | X         | X | X |
| DICTYOTA DIVARICATA      | X         | X | X |
| PADINA PROFUNDA          | X         |   |   |
| SPOROCINIUS PEDUNCULATUS | X         | X | X |
| GRACILARIA SP. 1         | X         | X | X |
| RHODOPHYLLIS SP.         | X         |   |   |
| PEYSSONNELIA RUBRA       | X         | X | X |
| LITHOTHAMNIUM CALCAREUM  | X         | X | X |
| CRYPTONEMIA SP. 3        |           | X |   |
| HALYMENIA VINACEA        | X         | X | X |
| FAUCHEA HASSLERI         | X         |   |   |
| ARCHAIAS SP.             |           | X | X |
| CLATHRINA ? CORIACEA     | X         | X |   |
| ? LEUCOLENIA SPP.        | X         | X | X |
| APHROCERAS ? ENSATA      | X         | X |   |
| DYSIDEA SPP.             |           | X |   |
| HALISARCA PURPURA        | X         |   |   |
| CHELONAPLYSILLA SP.      |           | X |   |
| ? ADOCIIDAE              |           |   | X |
| ACARNUS SP.              |           | X | X |
| MICROCIONA ? MICROCHELA  |           | X | X |
| ? BIEMNA SPP.            | X         |   |   |
| HALICHONDRIIDA 1         |           |   | X |
| LAXOSUBERITES ? COERULEA |           |   | X |
| TETHYA ACTINIA           |           |   | X |
| CINACHYRA ALLOCLADA      |           |   | X |
| CHONDRILLA SP.           |           | X | X |
| DEMOSPONGEA-LITHISTIDA   |           |   | X |
| EUDENDRIUM CARNEUM       |           | X | X |
| CRYPTOLARIA PECTINATA    |           |   | X |
| SERTULARELLA SP.         | X         |   |   |
| DYNAMENA POURTALESI      | X         |   | X |
| THYROSCYPHUS MARGINATUS  | X         |   |   |
| AGLAOPHENIA ELONGATA     | X         |   | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 09.

| TAXON                         | REPLICATE |   |   |
|-------------------------------|-----------|---|---|
|                               | A         | B | C |
| STEPHANOSCYPHUS CORNIFORMIS   | X         | X | X |
| LOPHOGORGIA CARDINALIS        |           |   | X |
| MADRACIS ASPERULA             | 6         | 2 | X |
| OCULINA TENELLA               | X         | 9 | X |
| CALLIOSTOMA TAMPAENSE         | 7         | 2 | 3 |
| CALLIOSTOMA MARIONAE          | 1         | 1 |   |
| TURBO CREMULATUS              | 2         | 2 | 2 |
| VERMICULARIA SPIRATA          |           |   | 1 |
| VERMICULARIA KNORII           | 3         | 3 |   |
| TURRITELLA ACROFORA           |           |   | 2 |
| TURRITELLA EXOLETA            |           |   | 6 |
| CRUCIBULUM STRIATUM           |           | 1 | 1 |
| CYPRAEA SPURCA ACICULARIS     |           |   | 1 |
| DISTORSIO CLATHRATA           |           |   | 1 |
| MUREX RUBIDUS                 | 1         |   | 1 |
| FASCIOLARIA LILIIUM TORTUGANA |           |   | 1 |
| CRASSISPIRA TAMPAENSIS        |           |   | 1 |
| CONUS STIMPSONI               | 1         |   |   |
| CONUS AMPHIURGUS              | 1         |   |   |
| ANISODORIS SP.                |           | 1 |   |
| DISCODORIS SP. A              | 1         |   |   |
| GASTROPODA EGGS               | 1         |   |   |
| ARCOPSIS ADAMSI               |           |   | 1 |
| CHLAMYS BENEDICTI             | 2         |   | 1 |
| CHLAMYS SENTIS                |           | 1 |   |
| AEQUIPECTEN MUSCOSUS          | 1         |   |   |
| LIMA PELLUCIDA                | 1         |   | 3 |
| PLEUROMERIS TRIDENTATA        |           |   | 1 |
| NEMOCARDIUM TINCTUM           |           | 1 |   |
| LAEVICARDIUM PICTUM           | 1         |   |   |
| SEMELE BELLASTRIATA           | 2         |   |   |
| CHIONE LATILIRATA             | 1         |   |   |
| CHAMA MACEROPHYLLA            |           |   | 1 |
| ANTALIS SP.                   | 1         |   | 3 |
| ANTALIS ANTILLARUM            |           | 1 |   |
| OCTOPUS JOUBINI               | 1         |   |   |
| ANOPLDACTYLUS INSIGNIS        |           | 1 |   |
| SCAPELLUM SP. A               |           |   | 1 |
| SOLENOCERA ATLANTIDIS         |           |   | 2 |
| LEPTOCHELA CARINATA           | 1         |   | 2 |
| ALPHEUS SP. A                 |           |   | 1 |
| SYNALPHEUS TOWNSENDI          |           | 2 | 2 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 09.

| TAXON                        | REPLICATE |   |    |
|------------------------------|-----------|---|----|
|                              | A         | B | C  |
| PROCESSA VICINA              |           |   | 1  |
| SCYLLARUS CHACEI             |           |   | 3  |
| PAGURUS BREVIDACTYLUS        | 1         |   |    |
| MANUCOMPLANUS CORALLINUS     | 3         | 1 | 3  |
| PHIMOCHIRUS HOLTHUISI        | 2         | 1 | 5  |
| MUNIDA ANGULATA              | 1         |   | 13 |
| MUNIDA PUSILLA               |           |   | 18 |
| PAGURISTES HERNANCORTEZI     | 1         |   |    |
| PAGURISTES SERICEUS          | 1         | 5 | 1  |
| PAGURISTES TRIANGULATUS      |           | 3 | 1  |
| DROMIDIA ANTILLENIS          |           |   | 1  |
| HYPOCONCHA SPINOSISSIMA      |           | 1 |    |
| CALAPPA FLAMMEA              |           |   | 1  |
| OSACHILA SEMILEVIS           | 1         |   | 1  |
| CALLIDACTYLUS ASPER          | 1         | 1 | 2  |
| RANILIA MURICATA             | 1         |   |    |
| RANINOIDES LOEVIS            | 1         |   |    |
| SYMETHIS VARIOLOSA           |           |   | 1  |
| COLLODES TRISPINOSUS         |           | 1 |    |
| ARACHNOPSIS FILIPES          |           |   | 1  |
| AEPINUS SEPTEMSPINOSUS       | 1         |   |    |
| MACROCOELOMA SEPTEMSPINOSUM  | 1         |   | 2  |
| PODOCHELA GRACILIPES         |           | 1 | 3  |
| STENOCIONOPS FURCATA FURCATA | 1         | 1 | 6  |
| STENORHYNCHUS SETICORNIS     |           |   | 1  |
| PARTHENOPE AGONA             |           | 1 |    |
| PARTHENOPE FRATERCULUS       | 1         |   | 6  |
| CRYPTOPODIA CONCAVA          |           |   | 1  |
| PORTUNUS SPINICARPUS         |           | 1 |    |
| PORTUNUS SPINIMANUS          |           |   | 1  |
| CARPOPORUS PAPULOSUS         | 1         |   |    |
| MICROPANOPE SP. A            | 1         |   | 3  |
| PILUMNUS FLORIDANUS          |           |   | 1  |
| PALICUS ALTERNATUS           |           |   | 1  |
| PALICUS FAXONI               |           |   | 1  |
| SQUILLA CHYDAEA              | 1         |   |    |
| AMATHIA CONVOLUTA            | X         | X | X  |
| AMATHIA DISTANS              |           |   | X  |
| APLOUSINA FILUM              |           | X |    |
| STEGANOPORELLA MAGNILABRIS   | X         | X | X  |
| CELLARIA IRREGULARIS         | X         |   | X  |
| NELLIA OCLATA                | X         | X | X  |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 09.

| TAXON                             | REPLICATE |    |    |
|-----------------------------------|-----------|----|----|
|                                   | A         | B  | C  |
| BUGULA MERITINA                   |           |    | X  |
| BUGULA CF. FULVA                  |           | X  | X  |
| CUPULADRIA BIPOROSA               |           |    | X  |
| CUPULADRIA DOMA                   |           | X  |    |
| HIPPOPETRALIELLA BISINUATA        | X         | X  | X  |
| HIPPOPETRALIELLA MARGINATA        |           | X  |    |
| STYLOPOMA SPONGITES               | X         | X  | X  |
| SERTELLA MARSUPIATA               | X         | X  |    |
| RETEPORELLINA EVELINAE            |           | X  |    |
| BRACEBRIDGIA SUBSULCATA           | X         | X  | X  |
| HIPPALIOSINA ROSTRIGERA           |           |    | X  |
| BUSKEA DICHOTOMA                  | X         |    | X  |
| MAMILLOPORA CUPULA                |           |    | X  |
| CELLEPORARIA ALBIROSTRIS          | X         |    | X  |
| CELLEPORARIA MAGNIFICA            | X         | X  |    |
| PARASMITTINA TRISPINOSA           | X         |    |    |
| IDMIDRONEA ATLANTICA              | X         |    | X  |
| ENTALOPHORA PROBOSCIDEOIDES       |           |    | X  |
| ASTROPECTEN SP.                   |           | 5  | 2  |
| ASTROPECTEN DUPLICATUS            |           | 3  | 3  |
| GONIASTER TESSELLATUS             |           |    | 1  |
| ECHINASTER SP.                    | 3         | 1  |    |
| OPHIONYXA FLACCIDA                | 1         | 1  | 7  |
| OPHIOLEPIS ELEGANS                | 6         | 5  | 15 |
| OPHIODERMA BREVICAUDUM            |           |    | 1  |
| OPHIOSTIGMA ISOCANTHA             |           |    | 1  |
| OPHIOTHRIX ANGULATA               | 4         | 1  | 4  |
| EUCIDARIS TRIBULOIDES TRIBULOIDES | 4         | 6  | 4  |
| GENOCIDARIS MACULATA              | 20        | 17 | 32 |
| CLYPEASTER LUTKENI                |           | 2  | 1  |
| CLYPEASTER CYCLOPILUS             |           |    | 1  |
| ECHINOLAMPAS DEPRESSA             | 5         | 1  | 2  |
| HOLOTHURIA PRINCEPS               |           | 2  |    |
| RHABDOPLEURA COMPACTA             |           |    | X  |
| DIDEMNUM CANDIDUM                 | X         | X  | X  |
| POLYCARPA OBTECTA                 |           | 7  | 23 |
| POLYCARPA CIRCUMARATA             | 8         |    |    |
| GYMNOTHORAX NIGROMARGINATUS       | 1         |    |    |
| SCORPAENA ALBIFIMBRIA             |           |    | 1  |
| RYPTICUS BISTRISPINUS             |           |    | 1  |
| EMBLEMARIA PIRATULA               | 1         |    |    |
| STARKSIA SP.                      |           |    | 2  |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 09.

| TAXON                | REPLICATE |   |   |
|----------------------|-----------|---|---|
|                      | A         | B | C |
| MONACANTHUS HISPIDUS | 1         |   |   |
| MONACANTHUS SETIFER  |           |   | 2 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 10.

| TAXON                       | REPLICATE |   |   |   |
|-----------------------------|-----------|---|---|---|
|                             | A         | B | C | D |
| CAULERPA SERTULARIOIDES     | X         | X | X |   |
| HALIMEDA GRACILIS           |           | X |   | X |
| STRUVEA PULCHERRIMA         |           | X |   |   |
| CYSTODICTYON PAVONIUM       |           | X | X |   |
| DICTYOPTERIS DELICATULA     |           |   | X |   |
| PEYSSONNELIA RUBRA          | X         | X |   | X |
| PEYSSONNELIA SIMULANS       |           | X |   |   |
| LITHOTHAMNIUM CALCAREUM     |           |   |   | X |
| LITHOTHAMNIUM RUPTILE       | X         |   |   |   |
| CRYPTONEMIA OBOVATA         |           |   |   | X |
| CRYPTONEMIA SP. 1           |           | X |   |   |
| LEPTOFAUCHEA RHODYMENIOIDES |           |   |   | X |
| DASYA COLLINSIANA           | X         | X |   |   |
| ? LEUCOLENIA SPP.           |           |   |   | X |
| APHROCERAS ? ENSATA         | X         |   |   |   |
| HYATTELLA INTESTINALIS      | X         | X |   |   |
| IRGINIA STROBILINA          | X         | X |   | X |
| IRGINIA FELIX               |           |   |   | X |
| IRGINIA ? FELIX             |           |   |   | X |
| DYSIDEA FRAGILIS            | X         |   |   |   |
| DYSIDEA SPP.                | X         |   |   |   |
| AILOCHROIA CRASSA           |           |   |   | X |
| HALICLONA SPP.              |           | X |   | X |
| ? GELLIUS SPP.              |           | X |   | X |
| ? ADOCIIDAE                 |           | X |   |   |
| MYCALE SP.                  |           |   | X |   |
| ? TOXEMMA SP.               | X         |   |   |   |
| LISSODENDORYX ISODICTYALIS  |           |   |   | X |
| ? FORCEPIA SP.              |           |   | X |   |
| MICROCIONA SPP.             | X         | X | X | X |
| MICROCIONA ? MICROCHELA     | X         |   | X |   |
| ? BIEMNA SPP.               | X         | X |   | X |
| ? BUBARIS SPP.              | X         | X | X | X |
| CIOCALYPTA SPP.             | X         |   |   |   |
| ? HALICHONDRIA SPP.         |           | X |   | X |
| ? HYMENIACIDON SPP.         | X         |   |   | X |
| DEMOSPONGEA-HADROMERIDA     |           |   |   | X |
| SPIRASTRELLA COCCINEA       |           |   |   | X |
| PLACOSPONGIA MELOBESIOIDES  | X         | X |   | X |
| CLIONA SCHMIDTI             |           | X |   | X |
| TETHYA ? ACTINIA            | X         |   |   |   |
| EPIPOLASIS SPP.             |           | X | X | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 10.

| TAXON                       | REPLICATE |   |   |   |
|-----------------------------|-----------|---|---|---|
|                             | A         | B | C | D |
| ? EPIPOLASIS SPP.           |           | X |   | X |
| ? JASPIS SPP.               | X         | X |   | X |
| DEMOSPONGEA-CHORISTIDA      |           |   |   | X |
| MYRIAstra SPP.              | X         |   |   | X |
| MYRIAstra ? CRASSISPICULA   |           |   |   | X |
| MYRIAstra ? KALLITETILLA    | X         |   |   | X |
| GEODIA NEPTUNI              | X         | X |   | X |
| GEODIA GIBBEROSA            | X         |   |   | X |
| GEODIA ? GIBBEROSA          | X         |   |   |   |
| ERYLUS FORMOSUS             |           | X |   |   |
| ERYLUS SPP.                 |           |   |   | X |
| ? ERYLUS SPP.               |           | X |   |   |
| CINACHYRA ALLOCLADA         |           | X |   |   |
| CHONDRILLA SP.              | X         |   |   | X |
| CHONDRILLA ? NUCULA         |           | X |   | X |
| ? PACHASTRELLA SP.          | X         | X |   | X |
| PLAKINIDAE                  |           |   |   | X |
| DEMOSPONGEA-LITHISTIDA      | X         | X |   | X |
| DISCODERMIA SP.             | X         | X |   | X |
| TEICHAXINELLA MORCHELLA     |           | X |   | X |
| TEICHAXINELLA SHOEMAKERI    | X         | X |   |   |
| PHAKELLIA FOLIUM            |           | X |   |   |
| ? PHAKELLIA SP.             |           | X |   |   |
| HIGGINSIA SP.               | X         |   |   |   |
| ? HIGGINSIA SP.             | X         |   |   |   |
| RASPAILIA SP.               |           |   |   | X |
| CRYPTOLARIA PECTINATA       |           |   |   | X |
| ACRYPTOLARIA CONFERTA       |           |   |   | X |
| DYNAMENA POURTALESI         |           | X |   |   |
| THYROSCYPHUS MARGINATUS     |           |   |   | X |
| HALECIUM SP.                | X         |   |   |   |
| HALOPTERIS CLARKEI          |           |   | X |   |
| GYMANGIUM SINUOSUM          | X         | X |   | X |
| SYNTHECIUM TUBITHECUM       |           |   |   | X |
| STEPHANOSYPHUS CORNIFORMIS  | X         | X |   | X |
| ANTIPATHIDAE                | X         |   |   |   |
| TELESTO SANGUINEA           | X         |   |   |   |
| EUNICEA CALYCVLATA CORONATA |           | X |   |   |
| ELLISELLA ATLANTICA         | X         |   |   |   |
| ANEMONE SPP.                | X         |   |   | X |
| MADRACIS ASPERULA           |           | 2 |   | 3 |
| VERMICULARIA SPIRATA        |           |   |   | 2 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS).  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 10.

| TAXON                         | REPLICATE |    |   |    |
|-------------------------------|-----------|----|---|----|
|                               | A         | B  | C | D  |
| CYPRAEA SPURCA ACICULARIS     |           | 1  |   | 1  |
| MUREX CABRITII                |           |    |   | 1  |
| FASCIOLARIA LILIUM            | 1         |    |   | 1  |
| TRIGONOSTOMA TENERUM          |           | 1  |   |    |
| CONUS N. SP.                  |           |    |   | 1  |
| CONUS AMPHIURGUS              |           |    |   | 1  |
| GLOSSODORIS EDENTICULATA      |           | 1  |   |    |
| PECTEN RAVENELI               | 1         |    |   |    |
| PECTEN ZICZAC                 | 2         |    |   |    |
| DENTALIUM SP.                 |           | 1  |   |    |
| DENTALIUM LAQUEATUM           |           | 1  |   |    |
| OCTOPUS JOUBINI               |           |    |   | 1  |
| MESOPENAEUS TROPICALIS        | 2         |    |   |    |
| ANCHISTIOIDES ANTIGUENSIS     |           |    |   | 1  |
| THOR FLORIDANUS               | 1         |    |   |    |
| SCYLLARUS DEPRESSUS           |           |    |   | 2  |
| MANUCOMPLANUS CORALLINUS      |           |    |   | 1  |
| PHIMOCHIRUS SP.               | 1         |    |   |    |
| PHIMOCHIRUS HOLTHUISI         | 1         |    |   | 3  |
| MUNIDA ANGULATA               |           |    |   | 3  |
| MUNIDA PUSILLA                | 56        | 24 | 3 | 42 |
| GALATHEA ROSTRATA             | 2         |    |   | 1  |
| DARDANUS INSIGNIS             | 1         | 2  | 2 |    |
| PAGURISTES HERNANCORTEZI      | 1         | 1  |   |    |
| PAGURISTES SERICEUS           | 1         |    |   |    |
| PAGURISTES TRIANGULATUS       | 1         |    |   | 2  |
| CALAPPA ANGUSTA               | 1         |    |   |    |
| OSACHILA TUBEROSA             | 2         |    |   |    |
| CALLIDACTYLUS ASPER           | 1         |    |   |    |
| ILIACANTHA SUBGLOBOSA         | 6         |    |   | 1  |
| SYMETHIS VARIOLOSA            |           | 1  |   |    |
| ARACHNOPSIS FILIPES           | 1         | 1  |   |    |
| MACROCOELOMA SEPTEMSPINOSUM   |           | 1  |   |    |
| MITHRAX (MITHRAX) ACUTICORNIS |           |    |   | 3  |
| PODOCHELA GRACILIPES          | 1         |    |   |    |
| PODOCHELA LAMELLIGERA         | 1         |    | 1 |    |
| STENOCIONOPS FURCATA FURCATA  | 2         |    |   |    |
| STENOCIONOPS FURCATA COELATA  |           |    |   | 1  |
| PARTHENOPE AGONA              | 3         |    |   | 2  |
| PARTHENOPE FRATERCULUS        | 1         | 2  |   |    |
| PORTUNUS SPINICARPUS          | 3         |    |   |    |
| PORTUNUS ORDWAYI              | 1         |    |   |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 10.

| TAXON                             | REPLICATE |   |   |    |
|-----------------------------------|-----------|---|---|----|
|                                   | A         | B | C | D  |
| CARPOPORUS PAPULOSUS              | 1         |   |   |    |
| MICROPANOPE SCULPTIPES            | 8         |   |   | 1  |
| MICROPANOPE CF. LOBIFRONS         | 1         |   |   |    |
| PALICUS FAXONI                    | 4         |   |   | 2  |
| GONODACTYLUS TORUS                |           |   |   | 2  |
| ECTOPROCTA                        |           |   |   | X  |
| STEGANOPORELLA MAGNILABRIS        | X         | X |   | X  |
| SCRUPOCELLARIA REGULARIS          | X         |   |   |    |
| CUPULADRIA BIPOROSA               |           |   |   | X  |
| CIGCLISULA CF. TURRITA            | X         |   |   |    |
| CIGCLISULA PERTUSA                | X         |   |   | X  |
| STYLOPOMA SPONGITES               | X         | X |   |    |
| HIPPOPORIDRA EDAX                 |           |   |   | X  |
| RETEPORELLINA EVELINAE            |           |   |   | X  |
| CELLEPORARIA MAGNIFICA            |           |   |   | X  |
| TOSIA PARVA                       |           |   |   | 1  |
| PORANIELLA REGULARIS              |           |   |   | 2  |
| ECHINASTER SP.                    |           |   | 2 | 2  |
| OPHIOMYXA FLACCIDA                |           | 5 | 1 | 7  |
| OPHIOLEPIS ELEGANS                | 1         | 3 |   | 1  |
| OPHIONEREIS RETICULATA            |           | 1 |   |    |
| OPHIODERMA RUBICUNDUM             | 2         | 1 |   | 2  |
| OPHIACTIS SAVIGNYI                |           | 1 |   |    |
| OPHIOSTIGMA ISOCANTHA             |           | 1 |   |    |
| OPHIOTHRIX ANGULATA               | 11        | 3 | 1 | 13 |
| EUCIDARIS TRIBULOIDES TRIBULOIDES | 2         |   |   |    |
| STYLOCIDARIS AFFINIS              | 7         | 5 | 1 | 5  |
| ARBACIA PUNCTULATA                |           |   |   | 2  |
| GENOCIDARIS MACULATA              |           |   |   | 1  |
| ECHINOLAMPAS DEPRESSA             | 1         |   |   |    |
| HOLOTHURIA PRINCEPS               | 1         |   |   |    |
| HYPALOMETRA DEFECTA               | 1         |   |   |    |
| EUDISTOMA SP.                     |           | 1 |   |    |
| EUDISTOMA CAPSULATUM              | 2         |   |   |    |
| DIDEMNUM CANDIDUM                 | X         | X | X | X  |
| SYNODUS FOETENS                   |           |   |   | 1  |
| SYNODUS INTERMEDIUS               |           |   |   | 2  |
| PORICHTHYS PLECTRODON             | 1         |   |   |    |
| OGCOEPHALUS DECLIVIROSTRIS        |           | 1 |   |    |
| HALIEUTICHTHYS ACULEATUS          | 2         |   |   | 1  |
| SCORPAENA AGASSIZI                | 2         |   |   |    |
| SCORPAENA DISPAR                  |           |   |   | 1  |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 10.

| TAXON                     | REPLICATE |   |   |   |
|---------------------------|-----------|---|---|---|
|                           | A         | B | C | D |
| PRIONOTUS ALATUS          | 1         |   |   | 1 |
| PRIONOTUS ROSEUS          | 1         |   |   |   |
| SERRANUS NOTOSPILUS       |           |   | 2 |   |
| VARICUS MARILYNAE         | 2         |   |   |   |
| CITHARICHTHYS GYMNORHINUS |           |   |   | 1 |
| SYACIUM PAPILLOSUM        | 2         |   |   | 2 |
| MONACANTHUS CILIATUS      | 1         |   |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 11.

| TAXON                      | REPLICATE |   |   |
|----------------------------|-----------|---|---|
|                            | A         | B | C |
| PEYSSONNELIA RUBRA         | X         | X | X |
| LITHOTHAMNIUM CALCAREUM    | X         |   | X |
| CRYPTONEMIACEAE            | X         |   |   |
| CRYPTONEMIA OBOVATA        |           |   | X |
| CRYPTONEMIA SP. 2          |           |   | X |
| MARIPELTA ATLANTICA        |           | X |   |
| APHROCERAS ? ENSATA        | X         |   |   |
| HYATTELLA INTESTINALIS     |           | X |   |
| IRCINIA STROBILINA         | X         | X | X |
| IRCINIA FELIX              |           | X |   |
| IRCINIA ? FELIX            | X         |   | X |
| IRCINIA SPP.               | X         |   |   |
| DYSIDEA SPP.               |           |   | X |
| ? GELLIUS SPP.             |           |   | X |
| RHIZOCHALINA SP.           | X         |   |   |
| ? XESTOSPONGIA SP.         |           | X |   |
| ? ADOCIIDAE                |           | X | X |
| MICROCIONA SPP.            | X         | X | X |
| PANDAROS SP.               |           |   | X |
| ? BIEMNA SPP.              |           | X | X |
| ? BUBARIS SPP.             | X         | X | X |
| HALICHONDRIA ? MELANADOCIA |           | X |   |
| HALICHONDRIA SPP.          |           | X |   |
| OXEOSTILON BURTONI         |           |   | X |
| ? HYMENIACIDON SPP.        | X         |   |   |
| PLACOSPONGIA MELOBESIOIDES | X         | X | X |
| ? TETHYA SP.               | X         |   |   |
| STYLOCORDYLA ? LONGISSIMA  | X         |   |   |
| EPIPOLASIS SPP.            |           | X | X |
| ? EPIPOLASIS SPP.          | X         |   | X |
| ? JASPIS SPP.              | X         | X | X |
| DEMOSPONGEA-CHORISTIDA     | X         | X |   |
| MYRIASTRA ? CRASSISPICULA  |           | X | X |
| MYRIASTRA ? KALLITETILLA   | X         |   | X |
| ? MYRIASTRA SP.            | X         |   | X |
| GEODIA NEPTUNI             | X         |   | X |
| GEODIA GIBBEROSA           |           |   | X |
| GEODIA ? GIBBEROSA         |           |   | X |
| ERYLUS FORMOSUS            |           | X |   |
| ERYLUS SPP.                | X         | X | X |
| ? ERYLUS SPP.              | X         | X | X |
| CINACHYRA ALLOCLADA        |           | X |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 11.

| TAXON                       | REPLICATE |   |   |
|-----------------------------|-----------|---|---|
|                             | A         | B | C |
| CHONDRILLA SP.              |           | X |   |
| CHONDRILLA ? NUCULA         | X         | X | X |
| ? PACHASTRELLA SP.          | X         | X | X |
| PLAKINIDAE                  |           |   | X |
| ? PLAKINASTRELLA SP.        | X         | X | X |
| DEMOSPONGEA-LITHISTIQA      |           | X | X |
| DISCODERMIA SP.             |           | X | X |
| TEICHAXINELLA SHOEMAKERI    |           | X |   |
| ? DRAGMAXIA SP.             |           |   | X |
| ? TEICHAXINELLA SP.         |           |   | X |
| HIGGINSIA SP.               |           |   | X |
| HIGGINSIA STRIGILATA        | X         |   |   |
| ? HIGGINSIA SP.             |           | X |   |
| ? THALYSELRYPON SP.         |           |   | X |
| EUDENDRIUM CARNEUM          |           |   | X |
| CRYPTOLARIA PECTINATA       |           |   | X |
| SERTULARELLA SP.            |           |   | X |
| SERTULARELLA PINNIGERA      | X         |   | X |
| PLUMULARIA NIGRA            | X         | X | X |
| GYMNANGIUM SINUOSUM         | X         | X |   |
| STEPHANOSCYPHUS CORNIFORMIS | X         | X |   |
| ANTIPATHIDAE                |           | X | X |
| TELESTO OPERCULATA          | X         | 4 | 5 |
| TELESTO CORALLINA           | X         |   |   |
| SIPHONOGORGIA AGASSIZII     | X         | X | X |
| PLEXAURIDAE                 |           |   | 1 |
| THESEA SP.                  |           | X |   |
| THESEA PARVIFLORA           | X         | X |   |
| LOPHOGORGIA CARDINALIS      | X         | X |   |
| ELLISELLA ATLANTICA         | X         | X |   |
| ELLISELLA ELONGATA          | X         | X |   |
| ELLISELLA BARBADENSIS       |           |   | X |
| MADRACIS ASPERULA           | X         | X |   |
| POLYCHAETA                  | X         | X | X |
| VERMICULARIA SPIRATA        | 3         |   |   |
| VERMICULARIA KNORII         |           |   | 1 |
| TRIVIA MALTBIANA            | 1         |   |   |
| SILIQURIA SQUAMATA          |           |   | 2 |
| MUREX RUBIDUS               |           |   | 2 |
| CERODRILLIA SP.             | 1         |   |   |
| CONUS AMPHIURGUS            | 1         |   |   |
| PECTEN ZICZAC               |           |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 11.

| TAXON                         | REPLICATE |    |   |
|-------------------------------|-----------|----|---|
|                               | A         | B  | C |
| NEOPYCNODONTE COCHLEAR        |           |    | 2 |
| NEMOCARDIUM TINCTUM           |           | 2  | 1 |
| CALLISTA EUCYMATA             |           |    | 1 |
| SEMIROSSIA TENERA             | 1         |    |   |
| SYNALPHEUS TOWNSENDI          |           | 1  |   |
| SCYLLARUS DEPRESSUS           |           | 1  |   |
| MUNIDA PUSILLA                | 1         | 1  |   |
| GALATHEA ROSTRATA             |           | 1  |   |
| DARDANUS INSIGNIS             |           | 3  |   |
| DROMIDIA ANTILLENIS           |           |    | 1 |
| CALAPPA ANGUSTA               | 1         | 3  |   |
| OSACHILA ANTILLENIS           |           | 1  |   |
| OSACHILA TUBEROSA             | 2         |    | 1 |
| ILIACANTHA SUBGLOBOSA         |           | 3  | 2 |
| SYMETHIS VARIOLOSA            |           | 1  | 1 |
| MACROCOELOMA SEPTESPINOSUM    | 1         |    |   |
| MITHRAX (MITHRAX) ACUTICORNIS |           |    | 1 |
| PODOCHELA LAMELLIGERA         | 1         | 1  |   |
| STENOCIONOPS FURCATA COELATA  |           |    | 1 |
| STENORHYNCHUS SETICORNIS      |           | 1  |   |
| PARTHENOPE FRATERCULUS        | 2         | 3  | 4 |
| CARPOPORUS PAPULOSUS          |           | 1  | 1 |
| MICROPANOPE LAEVIMANUS        |           |    | 1 |
| MICROPANOPE SCULPTIPES        | 3         | 14 | 4 |
| MICROPANOPE CF. LOBIFRONS     |           | 2  |   |
| EUCHIROGRAPUS AMERICANUS      | 1         |    |   |
| PALICUS AFFINIS               |           |    | 1 |
| PALICUS FAXONI                |           | 1  |   |
| MEIOSQUILLA QUADRIDENS        |           |    | 1 |
| GONODACTYLUS TORUS            |           | 1  |   |
| STEGANOPORELLA MAGNILABRIS    | X         | X  |   |
| BUGULA NERITINA               |           | X  |   |
| CIGCLISULA PERTUSA            | X         |    | X |
| STYLOPOMA SPONGITES           | X         |    |   |
| REPTADEONELLA VIOLACEA        | X         |    |   |
| CELLEPORARIA MAGNIFICA        | X         |    |   |
| PARASMITTINA SPATHULATA       |           | X  |   |
| TREMOGASTERINA MICRONATA      |           | X  |   |
| CHAETASTER NODOSUS            | 1         | 2  | 1 |
| ASTERINOPSIS PILOSA           |           | 1  |   |
| PORANIELLA REGULARIS          | 1         | 2  | 3 |
| STEPHANASTERIAS SP.           | 2         |    |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
 LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 11.

| TAXON                  | REPLICATE |   |   |
|------------------------|-----------|---|---|
|                        | A         | B | C |
| OPHIOMYXA FLACCIDA     | 5         | 4 | 4 |
| OPHIODERMA BREVICAUDUM |           |   | 1 |
| OPHIODERMA RUBICUNDUM  |           | 3 | 1 |
| OPHIOPHRAGMUS PULCHER  |           | 1 |   |
| OPHIOTHRIX ANGULATA    | 6         | 7 | 1 |
| STYLOCIDARIS AFFINIS   | 2         | 8 | 3 |
| GENOCIDARIS MACULATA   |           | 1 |   |
| ECHINOLAMPAS DEPRESSA  |           |   | 3 |
| HYPALONETRA DEFECTA    |           | 1 |   |
| APLIDIUM SP. 1         |           |   | 1 |
| DIDEMNUM CANDIDUM      | X         | X | X |
| OPSANSUS PARDUS        |           |   | 1 |
| SERRANUS NOTOSPILUS    | 1         |   |   |
| CHRIOLEPIS SP.         |           | 2 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
 LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 13.

| TAXON                              | REPLICATE |   |   |
|------------------------------------|-----------|---|---|
|                                    | A         | B | C |
| -----                              |           |   |   |
| CODIUM ISTHMOCLADUM                | X         | X |   |
| CAULERPA SERTULARIOIDES            |           | X | X |
| CAULERPA MEXICANA                  |           | X |   |
| CAULERPA INTRICATA                 | X         |   |   |
| HALIMEDA GRACILIS                  |           | X | X |
| HALIMEDA SCABRA                    | X         |   |   |
| PENICILLUS PYRIFORMIS              |           |   | X |
| UDOTEA CONGLUTINATA                | X         |   |   |
| UDOTEA CYATHIFORMIS                | X         | X | X |
| UDOTEA FLABELLUM                   |           |   | X |
| DICTYOPTERIS MEMBRANACEA           | X         |   |   |
| SARGASSUM HYSTRIX V. SPINULOSUM    | X         | X |   |
| AGARDHIELLA RAMOSSISIMA            | X         | X |   |
| AGARDHIELLA SUBULATA               |           |   | X |
| EUCHEUMA ISIFORME V. DENUTATUM     | X         |   | X |
| GRACILARIA DEBILIS                 | X         | X |   |
| GRACILARIA SP. 2                   | X         | X |   |
| WURDEMANNIA MINIATA                | X         |   |   |
| LITHOTHAMNIUM CALCAREUM            | X         | X | X |
| HALYMENIA FLORESIA                 |           |   | X |
| RHODYMENIA SP.                     |           | X |   |
| BOTRYOCLADIA OCCIDENTALIS          |           | X |   |
| FAUCHEA HASSLERI                   |           |   | X |
| SPYRIDIA FILAMENTOSA               | X         | X | X |
| LAURENCIA INTRICATA                |           |   | X |
| HALOPHILA DECIPIENS                | X         | X | X |
| SPONGIIDAE                         | X         |   |   |
| IRCINIA CAMPANA                    | X         |   |   |
| IRCINIA FELIX                      | X         | X |   |
| IRCINIA SPP.                       |           |   | X |
| IRCINIA ? STROBILINA               | X         |   |   |
| HYRTIOS SP.                        | X         |   |   |
| DYSIDEA ETHEREA                    | X         |   |   |
| ? DYSIDEA SPP.                     |           | X |   |
| APLYSINA SP.                       | X         | X |   |
| DEMOSPONGEA-KERATOSA-DENDROCRATIDA | X         |   |   |
| HALICLONA COMPRESSA                | X         |   | X |
| NIPHATES ERECTA                    | X         |   | X |
| ? HALICLONA SPP.                   |           | X |   |
| ? GELLIODES SPP.                   |           | X |   |
| TEDANIIDAE                         | X         |   |   |
| MICROCIONIDAE                      | X         | X | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

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TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 13.

| TAXON                         | REPLICATE |   |   |
|-------------------------------|-----------|---|---|
|                               | A         | B | C |
| MICROCIONA SPP.               | X         |   |   |
| MICROCIONA ? SPINOSA          | X         |   |   |
| ? HYMEDESMIA SP.              | X         |   |   |
| ? BIEMNA SPP.                 |           |   | X |
| OXEOSTILON BURTONI            | X         |   |   |
| DEMOSPONGEA-HADROMERIDA       | X         |   |   |
| SPIRASTRELLA COCCINEA         |           | X |   |
| TIMEA ? MIXTA                 | X         | X | X |
| SPHECIOSPONGIA VESPARIUM      | X         | X |   |
| ANTHOSIGMELLA VARIANS         | X         | X | X |
| ANTHOSIGMELLA ? VARIANS       |           | X |   |
| ANTHOSIGMELLA SPP.            | X         |   |   |
| ? ANTHOSIGMELLA SPP.          | X         |   | X |
| LAXOSUBERITES ? COERULEA      | X         |   |   |
| PLACOSPONGIA MELOBESIOIDES    | X         | X |   |
| CLIONA DELITRIX               |           | X |   |
| ? EPIPOLASIS SPP.             | X         | X |   |
| GEODIA GIBBEROSA              | X         | X |   |
| CINACHYRA ALLOCLADA           | X         | X | X |
| AXINELLA ? BOOKHOUTI          | X         |   |   |
| HOMAXINELLA WALTONSMITHI      | X         |   |   |
| PSEUDAXINELLA LUNAECHARTA     | X         | X |   |
| PSEUDAXINELLA ? LUNAECHARTA   | X         |   |   |
| TEICHAXINELLA MORCHELLA       | X         |   |   |
| ? TEICHAXINELLA SP.           | X         |   |   |
| EUDENDRIUM CARNEUM            |           |   | X |
| THYROSCYPHUS MARGINATUS       |           | X |   |
| STEPHANOSCYPHUS CORNIFORMIS   | X         |   |   |
| PSEUDOPLEXAURA POROSA         | X         | X |   |
| EUNICEA CALYCVLATA CALYCVLATA | X         | X |   |
| PLEXAURELLA MUTANS            | X         |   |   |
| PLEXAURELLA DICHOTOMA         |           | X |   |
| MURICEA ELONGATA              | X         |   |   |
| PSEUDOPTEROGORGIA ACEROSA     | X         | 3 | X |
| STEPHANOCOENIA MICHELINII     | 2         |   |   |
| SIDERASTREA RADIANIS          | 1         | 1 | 1 |
| CLADOCORA ARBUSCULA           | 7         | 1 | 1 |
| SOLENASTREA HYADES            | 8         | 1 | 1 |
| PHYLLANGIA AMERICANA          | 5         | 1 |   |
| SCOLYMIA LACERA               | 2         | 1 |   |
| MUSSA ANGULOSA                |           | 1 |   |
| POLYCHAETA                    | X         | X | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 13.

| TAXON                               | REPLICATE |    |   |
|-------------------------------------|-----------|----|---|
|                                     | A         | B  | C |
| DIODORA CAVENENSIS                  | 2         |    |   |
| VERMICULARIA SPIRATA                |           | 1  |   |
| VERMICULARIA KNORII                 | 3         | 1  |   |
| CERITHIUM LITTERATUM SEMIFERRUGINEA | 2         |    |   |
| STROMBUS ALATUS                     |           | 4  | 1 |
| STROMBUS COSTATUS                   | 14        | 13 | 4 |
| CALYPTRAEA CENTRALIS                |           |    | 1 |
| CREPIDULA PLANA                     |           | 1  |   |
| CHICOREUS FLORIFER                  | 3         |    | 1 |
| MUREX CABRITII                      | 1         |    | 1 |
| MUREX RUBIDUS                       |           |    | 1 |
| PHYLLONOTUS POMUM                   | 1         |    |   |
| FAVARTIA CELLULOSA                  | 1         |    |   |
| CANTHARUS MULTANGULUS               |           | 2  |   |
| NASSARIUS CONSENSUS                 |           | 1  |   |
| PRUNUM ROOSEVELTI                   |           | 1  |   |
| SPLENDRILLIA N. SP.                 |           |    | 1 |
| SPLENDRILLIA JANETAE                |           | 1  |   |
| CONUS N. SP.                        | 1         |    |   |
| CONUS FLORIDANUS                    |           | 1  |   |
| CONUS AMPHIURGUS                    | 1         |    |   |
| CONUS JASPIDEUS                     | 1         |    |   |
| STRIOTEREBRUM ONSLOWENSIS           |           |    | 2 |
| HAMINOEAE SUCCINEAE                 |           | 1  |   |
| ANADARA NOTABILIS                   |           | 1  |   |
| ARCA ZEBRA                          |           | 1  |   |
| PINCTADA IMBRICATA                  | 1         |    |   |
| PTERIA COLYMBUS                     | 1         |    | 1 |
| PECTEN RAVENELI                     |           | 1  | 1 |
| ARGOPECTEN GIBBUS                   |           | 4  | 2 |
| SPONDYLUS ICTERICUS                 | 2         |    |   |
| LIMA PELLUCIDA                      |           | 1  |   |
| EUCRASSATELLA SPECIOSA              |           | 1  |   |
| LAEVICARDIUM LAEVIGATUM             | 1         | 7  | 3 |
| LAEVICARDIUM PICTUM                 | 1         | 1  | 1 |
| TRACHYCARDIUM EGMONTIANUM           |           | 2  |   |
| AMERICARDIA MEDIA                   |           | 2  |   |
| MACROCALLISTA MACULATA              | 1         |    | 1 |
| CHIONE LATILIRATA                   |           | 1  |   |
| HIATELLA ARCTICA                    |           |    | 1 |
| LYONSIA BEANA                       | 1         |    |   |
| CHAMA CONGREGATA                    | 2         | 1  |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS).  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 13.

| TAXON                           | REPLICATE |    |   |
|---------------------------------|-----------|----|---|
|                                 | A         | B  | C |
| CHAMA MACEROPHYLLA              | 3         | 3  |   |
| ANTALIS SP.                     |           |    | 1 |
| GRAPTACME EBOREUM               |           |    | 1 |
| GRAPTACME SEMISTRIOLATUM        |           | 1  |   |
| METAPENAEOPSIS GOODEI           |           | 1  | 3 |
| SICYONIA BREVIROSTRIS           |           | 1  |   |
| SICYONIA TYPICA                 |           | 12 | 2 |
| PERICLIMENES AMERICANUS         |           |    | 1 |
| PERICLIMENES LONGICAUDATUS      | 1         |    | 1 |
| ALPHEUS ARMILLATUS              |           | 1  |   |
| ALPHEUS SP. A                   |           |    | 1 |
| SYNALPHEUS HERRICKI             |           |    | 3 |
| SYNALPHEUS TOWNSENDI            |           |    | 3 |
| PROCESSA BERMUDENSIS            |           |    | 1 |
| SCYLLARUS AMERICANUS            |           | 1  | 2 |
| PAGURUS STIMPSONI               | 1         |    |   |
| IRIDOPAGURUS CARIBBENSIS        | 2         | 2  |   |
| PHIMOCHEIRUS HOLTHUISI          | 2         | 1  |   |
| PETROLISTHES GALATHINUS         |           | 1  | 1 |
| ALBUNEA SP.                     |           | 1  |   |
| PAGURISTES HUMMI                | 1         | 1  |   |
| PAGURISTES PUNTIPEPS            | 7         | 2  | 1 |
| PAGURISTES SERICEUS             | 3         | 1  |   |
| PAGURISTES TORTUGAE             | 2         | 2  |   |
| DROMIDIA ANTILLENIS             | 1         |    |   |
| CALAPPA FLAMMEA                 |           | 1  |   |
| ILIACANTHA INTERMEDIA           |           |    | 1 |
| MACROCOELOMA CAMPTOCERUM        | 3         | 2  | 2 |
| MACROCOELOMA TRISPINOSUM        | 2         | 4  |   |
| METOPORHAPHIS CALCARATA         |           |    | 1 |
| MICROPHRYS ANTILLENIS           | 1         |    |   |
| MITHRAX (MITHRAX) PLEURACANTHUS | 4         | 3  | 1 |
| MITHRAX (MITHRACULUS) FORCEPS   | 5         | 2  |   |
| PITHO LHERMINIERI               | 1         | 3  |   |
| PODOCHELA RIISEI                | 2         | 3  | 2 |
| STENORHYNCHUS SETICORNIS        | 2         | 3  |   |
| PARTHENOPE GRANULATA            |           | 1  |   |
| PORTUNUS DEPRESSIFRONS          |           | 2  |   |
| PORTUNUS ORDWAYI                |           |    | 1 |
| LOBOPILUMNUS AGASSIZI           |           | 1  |   |
| PILUMNUS DASYPODUS              | 2         |    |   |
| PILUMNUS SAYI                   | 4         | 3  | 2 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 13.

| TAXON                           | REPLICATE |   |   |
|---------------------------------|-----------|---|---|
|                                 | A         | B | C |
| EURYPLAX NITIDA                 |           |   | 1 |
| GONODACTYLUS BREDINI            | 6         | 3 |   |
| NELLIA OCVLATA                  | X         | X | X |
| SCRUPOCELLARIA REGULARIS        | X         |   | X |
| CUPULADRIA BIPOROSA             |           | X | X |
| CIGCLISULA PERTUSA              |           |   | X |
| STYLOPOMA SPONGITES             | X         | X | X |
| CELLEPORARIA ALBIROSTRIS        | X         | X | X |
| CELLEPORARIA MAGNIFICA          | X         | X |   |
| LUIDIA CLATHRATA                |           |   | 1 |
| LUIDIA ALTERNATA                |           | 1 |   |
| ASTROPECTINIDAE                 |           |   | 1 |
| ASTROPECTEN DUPLICATUS          |           | 1 |   |
| ASTROPECTEN ARTICULATUS         |           | 1 | 1 |
| OREASTER RETICULATUS            | 1         |   |   |
| OPHIOLEPIS ELEGANS              | 1         | 2 | 3 |
| OPHIONEREIS RETICULATA          | 1         |   |   |
| OPHIODERMA BREVICAUDUM          |           |   | 1 |
| OPHIACTIS SAVIGNYI              | 2         |   |   |
| AMPHIODIA TRYCHNA               |           |   | 1 |
| OPHIOTHRIX ANGULATA             | 2         | 1 |   |
| OPHIOTHRIX SUENSONII            | 6         | 6 |   |
| ARBACIA PUNCTULATA              | 2         | 1 |   |
| LYTECHINUS EUERGES              |           | 1 |   |
| LYTECHINUS VARIEGATUS CAROLINUS | 1         |   | 5 |
| THYONELLA PERVICAX              |           |   | 1 |
| HOLOTHURIA PRINCEPS             |           | 1 |   |
| ISOSTICHOPUS BADIONOTUS         | 1         | 1 |   |
| CLAVELINA GIGANTEA              | 2         |   |   |
| APLIDIUM PELLUCIDUM             | X         |   |   |
| APLIDIUM SP. 2                  | 1         |   |   |
| DIDEMNUM CANDIDUM               | X         | X | X |
| TRIDIDEMNUM ORBICULATUM         | X         |   |   |
| TRIDIDEMNUM SAVIGNII            |           | X |   |
| DIPLOSOMA MACDONALDI            |           | X |   |
| ECHINOCLINUM VERRILLI           |           | X | X |
| POLYCARPA CIRCUMARATA           | 1         | 2 |   |
| NARCINE BRASILIENSIS            |           |   | 2 |
| PORICHTHYS PLECTRODON           |           |   | 2 |
| CORYTHOICHTHYS ALBIROSTRIS      |           | 1 |   |
| SERRANICULUS PUMILIO            |           | 1 | 2 |
| SERRANUS SUBLIGARIUS            |           | 2 |   |

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 LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
 LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 13.

| TAXON                     | REPLICATE |   |   |
|---------------------------|-----------|---|---|
|                           | A         | B | C |
| APOGON STELLATUS          | 2         |   |   |
| HALICHOERES CAUDALIS      |           |   | 1 |
| DACTYLOSCOPUS POEYI       |           | 2 | 1 |
| CALLIONYMUS PAUCIRADIATUS |           | 1 |   |
| CORYPHOPTERUS DICRUS      |           | 2 |   |
| BOTHUS ROBINSI            |           |   | 1 |
| SYACIUM PAPILLOSUM        |           |   | 1 |
| MONACANTHUS CILIATUS      |           |   | 1 |

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TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
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LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 15.

| TAXON                               | REPLICATE |   |   |
|-------------------------------------|-----------|---|---|
|                                     | A         | B | C |
| AVRAINVILLEA ASARIFOLIA             |           |   | X |
| HALIMEDA GRACILIS                   | X         |   | X |
| PEYSSONNELIA SIMULANS               | X         |   |   |
| LITHOTHAMNIUM CALCAREUM             |           | X |   |
| LITHOTHAMNIUM RUPTILE               |           |   | X |
| KALLYMENIA WESTII                   |           |   | X |
| SPONGIIDAE                          | X         |   |   |
| HIPPOSPONGIA LACHNE                 | X         |   | X |
| IRGINIA CAMPANA                     | X         |   |   |
| IRGINIA STROBILINA                  |           | X |   |
| IRGINIA FELIX                       | X         |   |   |
| DYSIDEA SPP.                        |           | X |   |
| ? DYSIDEA SPP.                      | X         |   | X |
| APLYSINA SP.                        | X         |   | X |
| APLYSINA LACUNOSA                   |           | X |   |
| APLYSINA FISTULARIS V. FULVA        |           | X |   |
| AIOLACHROIA CRASSA                  | X         | X |   |
| DEMOSPONGEA-KERATOSA-DENDROCERATIDA | X         |   |   |
| IGERNELLA SP.                       | X         |   |   |
| IGERNELLA ? NOTABILIS               | X         |   |   |
| HALICLONA COMPRESSA                 |           | X |   |
| HALICLONA SPP.                      |           | X |   |
| NIPHATES ERECTA                     | X         | X | X |
| SPINOSSELLA VAGINALIS V. VAGINALIS  | X         |   |   |
| ? HALICLONA SPP.                    |           | X |   |
| PELLINA ? CARBONARIA                |           | X |   |
| ? CRIBROCHALINA SPP.                | X         |   |   |
| ? GELLIODES SPP.                    | X         |   | X |
| MYCALE SP.                          |           |   | X |
| NEOFIBULARIA NOLITANGERE            |           |   | X |
| ? ULOSA SPP.                        | X         |   |   |
| ? TOXEMMA SP.                       | X         |   |   |
| TEDANIIDAE                          | X         |   | X |
| ACARNUS SP.                         |           | X | X |
| IOTROCHOTA BIROTULATA               |           |   | X |
| ? FORCEPIA SP.                      | X         |   | X |
| MICROCIONIDAE                       | X         | X | X |
| MICROCIONA PROLIFERA                | X         |   |   |
| MICROCIONA SPP.                     | X         |   |   |
| THALYSIAS ? JUNIPERINA              | X         |   |   |
| ? HYMEDESMIA SP.                    | X         | X | X |
| ? BIEMNA SPP.                       | X         | X |   |

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LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 15.

| TAXON                               | REPLICATE |   |   |
|-------------------------------------|-----------|---|---|
|                                     | A         | B | C |
| HALICHONDRIA ? MAGNICONULOSA        |           | X |   |
| OXEOSTILON BURTONI                  |           |   | X |
| SPIRASTRELLA COCCINEA               | X         | X | X |
| TIMEA ? MIXTA                       | X         | X |   |
| SPHECIOSPONGIA VESPARIUM            | X         | X |   |
| ANTHOSIGMELLA VARIANS               | X         | X | X |
| ANTHOSIGMELLA VARIANS V. INCRUSTANS |           |   | X |
| ANTHOSIGMELLA ? VARIANS             | X         | X | X |
| ? ANTHOSIGMELLA SPP.                | X         |   | X |
| PLACOSPONGIA MELOBESIOIDES          | X         | X | X |
| CLIONA DELITRIX                     |           | X |   |
| CLIONA ? DELITRIX                   | X         |   |   |
| TETHYA ACTINIA                      | X         |   |   |
| EPIPOLASIS SPP.                     | X         |   |   |
| ? EPIPOLASIS SPP.                   |           |   | X |
| JASPIS SPP.                         |           |   | X |
| ? JASPIS SPP.                       | X         |   |   |
| MYRIASTRA SPP.                      | X         |   |   |
| STOEBA SP.                          | X         |   |   |
| GEODIA GIBBEROSA                    | X         | X | X |
| GEODIA ? GIBBEROSA                  |           | X |   |
| ? ERYLUS SPP.                       |           |   | X |
| CINACHYRA ALLOCLADA                 | X         | X | X |
| CHONDRILLA NUCULA                   |           |   | X |
| CHONDRILLA ? NUCULA                 | X         |   |   |
| CHONDROSIA SPP.                     |           |   | X |
| AXINELLA POLYCAPELLA                |           | X |   |
| AXINELLA SPP.                       | X         |   | X |
| AXINELLA ? BOOKHOUTI                |           |   | X |
| HOMAXINELLA WALTONSMITHI            | X         | X | X |
| PSEUDAXINELLA LUNAECARTA            |           |   | X |
| PSEUDAXINELLA ROSACEA               | X         | X | X |
| TEICHAXINELLA ? CORRUGATA           | X         |   |   |
| PHAKELLIA FOLIUM                    | X         | X |   |
| ? TEICHAXINELLA SP.                 | X         |   |   |
| ? HOMAXINELLA SP.                   | X         |   |   |
| ? AXINELLA SPP.                     | X         |   |   |
| EURYPONIDAE                         |           | X |   |
| ? THALYSEURYPON SP.                 |           | X |   |
| EUDENDRIUM CARNEUM                  | X         |   | X |
| SERTULARELLA PINNIGERA              | X         |   |   |
| ANEMONE SPP.                        |           | X |   |

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 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 15.

| TAXON                               | REPLICATE |   |   |
|-------------------------------------|-----------|---|---|
|                                     | A         | B | C |
| STEPHANOCOENIA MICHELINII           | 2         |   | 1 |
| AGARICIA LAMARCKI                   |           |   | X |
| SIDERASTREA RADIANI                 | 2         |   |   |
| FAVIA GRAVIDA                       | 1         |   | 1 |
| MANICINA AREOLATA                   |           |   | 2 |
| CLADOCORA ARBUSCULA                 | 2         | 1 | 2 |
| PHYLLANGIA AMERICANA                | 1         |   |   |
| OCULINA DIFFUSA                     | 1         |   | 1 |
| OCULINA ROBUSTA                     | 1         |   |   |
| SCOLYMIA LACERA                     | 3         |   | 1 |
| ISOPHYLLIA MULTIFLORA               | X         |   |   |
| DIODORA CAYENENSIS                  |           |   | 3 |
| CALLIOSTOMA TAMPAENSE               | 1         |   |   |
| TURRITELLA ACROPORA                 | 5         |   |   |
| CERITHIUM ATRATUM                   |           |   | 1 |
| CERITHIUM LITTERATUM SEMIFERRUGINEA | 1         |   |   |
| STROMBUS COSTATUS                   | 4         |   |   |
| CREPIDULA ACULEATA                  |           |   | 2 |
| TRIVIA PEDICULUS                    |           |   | 1 |
| MUREX CABRITII                      | 1         |   |   |
| MUREX RUBIDUS                       | 3         |   | 1 |
| NASSARIUS CONSENSUS                 | 1         |   |   |
| LATIRUS CARINIFERUS                 |           |   | 2 |
| OLIVA CIRCINATA                     | 2         |   |   |
| CORALLIOPHILA SCALARIFORMIS         | 1         |   |   |
| CRASSISPIRA TAMPAENSIS              |           | 1 |   |
| CONUS SPURIUS ATLANTICUS            | 1         |   |   |
| LITHOPHAGA BISULCATA                | 2         |   |   |
| SPONDYLUS ICTERICUS                 |           | 3 |   |
| SPONDYLUS AMERICANUS                | 1         |   |   |
| LOPHA FRONS                         |           | 1 |   |
| EUCRASSATELLA SPECIOSA              |           | 1 |   |
| AMERICARDIA MEDIA                   |           |   | 1 |
| CHAMA CONGREGATA                    |           | 1 | 2 |
| CHAMA MACEROPHYLLA                  | 3         | 2 | 1 |
| METAPENAEOPSIS GOODEI               |           | 2 |   |
| SICYONIA TYPICA                     |           |   | 1 |
| PERICLIMENES HARRINGTONI            |           |   | 1 |
| ALPHEUS SP. A                       |           |   | 1 |
| SYNALPHEUS LONGICARPUS              | 3         |   |   |
| SYNALPHEUS PANDIONIS                |           |   | 2 |
| SYNALPHEUS TOWNSENDI                |           |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 15.

| TAXON                           | REPLICATE |   |    |
|---------------------------------|-----------|---|----|
|                                 | A         | B | C  |
| NIKOIDES SCHMITTI               |           |   | 1  |
| SCYLLARUS AMERICANUS            | 1         |   | 2  |
| PAGURUS BULLISI                 | 2         |   | 3  |
| PAGURUS BREVIDACTYLUS           | 2         |   | 3  |
| IRIDOPAGURUS CARIBBENSIS        |           |   | 1  |
| MANUCOMPLANUS CORALLINUS        | 1         |   | 1  |
| PHIMOCIRUS HOLTHUISI            | 5         | 2 | 1  |
| PACHYCHELES SP.                 | 1         |   |    |
| DARDANUS VENOSUS                | 1         |   |    |
| PAGURISTES PUNTIPEPS            | 1         |   | 1  |
| PAGURISTES SERICEUS             | 5         | 3 | 1  |
| PAGURISTES TORTUGAE             | 1         |   |    |
| PETROCHIRUS DIOGENES            |           | 3 |    |
| DROMIDIA ANTILLENIS             | 5         | 2 | 10 |
| HYPOCONCHA SABULOSA             | 2         |   | 2  |
| HYPOCONCHA SPINOSISSIMA         | 1         |   |    |
| ETHUSA MASCARONE AMERICANA      |           |   | 1  |
| CALAPPA FLAMMEA                 | 1         |   |    |
| OSACHILA SEMILEVIS              | 1         |   |    |
| ILIACANTHA INTERMEDIA           |           | 1 | 1  |
| ILIACANTHA SPARSA               | 1         |   |    |
| SPELOEOPHORUS PONTIFER          | 1         |   |    |
| RANINOIDES LOEVI                | 1         |   |    |
| MACROCOELOMA TRISPINOSUM        | 7         | 2 | 5  |
| MITHRAX (MITHRAX) ACUTICORNIS   | 1         |   |    |
| MITHRAX (MITHRAX) HISPIDUS      | 5         | 1 | 2  |
| MITHRAX (MITHRAX) PLEURACANTHUS | 11        | 2 | 12 |
| MITHRAX (MITHRACULUS) FORCEPS   | 4         | 3 | 3  |
| PITHO LHERMINIERI               | 1         | 1 |    |
| PODOCHELA RIISEI                | 1         |   |    |
| STENOCIONOPS FURCATA FURCATA    | 2         |   |    |
| STENOCIONOPS FURCATA COELATA    | 1         | 1 |    |
| STENORHYNCHUS SETICORNIS        | 4         |   |    |
| PORTUNUS ORDWAYI                |           | 1 |    |
| PORTUNUS SP. A                  | 2         |   |    |
| LOBOPILUMNUS AGASSIZI           | 2         | 2 |    |
| MICROPANOPE LAEVIMANUS          |           | 1 |    |
| PILUMNUS DASYPODUS              | 1         |   | 1  |
| PILUMNUS FLORIDANUS             | 3         | 3 | 6  |
| PILUMNUS SAYI                   | 1         | 4 | 3  |
| PSEUDOMEDAUS AGASSIZI           |           | 1 | 1  |
| PALICUS ALTERNATUS              |           |   | 3  |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 15.

| TAXON                           | REPLICATE |   |   |
|---------------------------------|-----------|---|---|
|                                 | A         | B | C |
| GONODACTYLUS BREDINI            | 8         | 2 | 1 |
| AMATHIA CONVOLUTA               | X         | X | X |
| NELLIA OCULATA                  |           | X |   |
| BUGULA CF. FULVA                |           | X |   |
| CIGCLISULA CF. TURRITA          | X         | X |   |
| STYLOPOMA SPONGITES             |           | X |   |
| BRACEBRIDGIA SUBSULCATA         |           |   | X |
| CELLEPORARIA ALBIROSTRIS        | X         | X | X |
| ASTROPECTEN SP.                 |           |   | 1 |
| ASTROPECTEN DUPLICATUS          | 1         |   |   |
| OREASTER RETICULATUS            |           | 1 |   |
| OPHIODERMA BREVICAUDUM          | 1         |   |   |
| OPHIOTHRIX ANGULATA             | 11        | 2 | 3 |
| ARBACIA PUNCTULATA              |           |   | 1 |
| LYTECHINUS VARIEGATUS CAROLINUS | 2         | 3 | 2 |
| CLYPEASTER LUTKENI              | 2         | 1 |   |
| CLYPEASTER SUBDEPRESSUS         |           |   | 1 |
| CLAVELINA GIGANTEA              | 3         |   | 1 |
| EUDISTOMA CAPSULATUM            | 1         |   |   |
| APLIDIUM EXILE                  |           |   | 2 |
| STYELA PARTITA                  | 1         | 2 | 3 |
| MOLGULA OCCIDENTALIS            |           | X |   |
| OPSANSUS PARDUS                 | 11        | 1 |   |
| SERRANUS SUBLIGARIUS            | 1         |   |   |
| APOGON AUROLINEATUS             |           | 1 |   |
| APOGON MACULATUS                |           |   | 1 |
| MONACANTHUS HISPIDUS            |           |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS).  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 17.

| TAXON                        | REPLICATE |   |   |
|------------------------------|-----------|---|---|
|                              | A         | B | C |
| CODIUM ISTHMOCLADUM          | X         | X |   |
| CAULERPA SERTULARIOIDES      | X         | X | X |
| HALIMEDA GRACILIS            | X         | X | X |
| STRUVEA PULCHERRIMA          |           | X |   |
| MICRODICTYON BOEGESENI       | X         | X |   |
| DICTYOTA DIVARICATA          | X         | X |   |
| PADINA PROFUNDA              | X         |   | X |
| SPOROCHNUS PEDUNCULATUS      | X         | X |   |
| GRACILARIA SP. 1             | X         | X | X |
| PEYSSONNELIA RUBRA           | X         |   |   |
| PEYSSONNELIA SIMULANS        | X         |   |   |
| LITHOTHAMNIUM CALCAREUM      | X         | X |   |
| LITHOTHAMNIUM RUPTILE        |           |   | X |
| HALYMENIA VINACEA            |           | X | X |
| RHODYMENIA SP.               | X         | X |   |
| BOTRYOCLADIA SP.             |           | X |   |
| BOTRYOCLADIA OCCIDENTALIS    | X         | X |   |
| THALASSIA TESTUDINUM         | X         |   |   |
| ? LEUCOSOLENIA SPP.          | X         |   |   |
| APHROCERAS ? ENSATA          | X         |   |   |
| HYATTELLA INTESTINALIS       |           |   | X |
| IRCINIA STROBILINA           | X         |   | X |
| IRCINIA ? STROBILINA         | X         |   |   |
| DYSIDEA FRAGILIS             | X         |   | X |
| DYSIDEA SPP.                 | X         |   | X |
| APLYSINA SP.                 |           |   | X |
| APLYSINA FISTULARIS V. FULVA |           | X |   |
| AIOLOCHROIA CRASSA           | X         |   |   |
| IGERNELLA NOTABILIS          |           | X |   |
| HALICLONA COMPRESSA          |           |   | X |
| ? GELLIUS SPP.               |           | X |   |
| ? ADOCIIDAE                  | X         |   | X |
| COELOSPHAERA FISTULA         |           | X | X |
| MYCALE SP.                   | X         | X |   |
| NEOFIBULARIA NOLITANGERE     | X         |   |   |
| ? TOXEMMA SP.                | X         |   |   |
| LISSODENDORYX ISODICTYALIS   | X         |   |   |
| IOTROCHOTA BIROTULATA        | X         | X | X |
| MICROCIONIDAE                | X         |   | X |
| ? BIEMNA SPP.                | X         |   | X |
| DEMOSPONGEA-HALICHONDRIIDA   |           |   | X |
| SPIRASTRELLA SP.             | X         | X | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 17.

| TAXON                               | REPLICATE |   |   |
|-------------------------------------|-----------|---|---|
|                                     | A         | B | C |
| -----                               |           |   |   |
| SPIRASTRELLA COCCINEA               | X         |   |   |
| ANTHOSIGMELLA VARIANS               |           | X | X |
| ANTHOSIGMELLA VARIANS V. INCRUSTANS |           |   | X |
| TERPIOS SP.                         | X         | X |   |
| TERPIOS ? FUGAX                     | X         |   |   |
| LAXOSUBERITES ? COERULEA            | X         |   | X |
| PLACOSPONGIA MELOBESIOIDES          |           | X |   |
| ? JASPIS SPP.                       | X         | X |   |
| GEODIA NEPTUNI                      |           | X |   |
| ERYLUS FORMOSUS                     | X         |   |   |
| ERYLUS SPP.                         |           | X | X |
| ? ERYLUS SPP.                       |           | X |   |
| CINACHYRA ALLOCLADA                 | X         | X | X |
| CHONDRILLA SP.                      | X         | X |   |
| ? PACHASTRELLA SP.                  |           | X |   |
| EUDENDRIUM CARNEUM                  |           |   | X |
| SERTULARELLA PINNIGERA              |           | X | X |
| DYNAMENA POURTALESI                 | X         |   |   |
| THYROSCYPHUS MARGINATUS             | X         | X | X |
| AGLAOPHENIA ELONGATA                | X         |   |   |
| STEPHANOSCPHUS CORNIFORMIS          | X         |   |   |
| LOPHOGORGIA CARDINALIS              | X         | X |   |
| MADRACIS ASPERULA                   | 3         | 2 | X |
| OCULINA TENELLA                     | X         | 2 | 3 |
| POLYCHAETA                          | X         | X | X |
| DIODORA SAYI                        | 1         |   |   |
| LUCAPINELLA LIMATULA                |           | 1 |   |
| CALLIOSTOMA TAMPAENSE               | 1         |   |   |
| ARCHITECTONICA NOBILIS              |           |   | 1 |
| VERMICULARIA SPIRATA                |           | 9 |   |
| VERMICULARIA KNORII                 | 3         | 3 |   |
| TURRITELLA ACROPORA                 | 2         | 4 | 1 |
| TURRITELLA EXOLETA                  | 10        | 3 | 5 |
| CIRSOTREMA DALLI                    | 1         |   |   |
| NISO HENDERSONI                     |           | 1 |   |
| CRUCIBULUM STRIATUM                 | 1         |   |   |
| CRUCIBULUM PLANUM                   |           | 1 |   |
| XENOPHORA CONCHYLIOPHORA            | 1         | 1 |   |
| TRIVIA MALTBIANA                    |           | 1 |   |
| TRIVIA PEDICULUS                    |           | 1 |   |
| CYPRAEA SPURCA ACICULARIS           | 1         |   |   |
| CYMATIUM KREBSII                    | 1         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS).  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 17.

| TAXON                        | REPLICATE |   |   |
|------------------------------|-----------|---|---|
|                              | A         | B | C |
| CYMATIUM MORITINCTUM         |           |   | 1 |
| DISTORSIO CLATHRATA          |           |   | 1 |
| MUREX CABRITII               | 1         |   |   |
| FASCIOLARIA LILIUM TORTUGANA | 1         |   |   |
| FASCIOLARIA TULIPA           | 1         |   |   |
| FUSINUS EUCOSMIUS            | 2         |   |   |
| FUSINUS TIMESSUS             |           | 1 |   |
| OLIVA CIRCINATA              | 1         |   |   |
| TRIGONOSTOMA TENERUM         |           |   | 1 |
| CRASSISPIRA BARTSCHI         |           | 1 |   |
| CARINODRILLIA HALIOSTREPHIS  |           | 1 |   |
| GASTROPODA EGGS              |           |   | 1 |
| CHLAMYBENEDICTI              | 2         |   |   |
| AEQUIPECTEN MUSCOSUS         | 1         | 1 | 1 |
| LIMA PELLUCIDA               | 1         |   |   |
| NEMOCARDIUM TINCTUM          | 3         | 3 |   |
| LAEVICARDIUM PICTUM          | 2         | 2 |   |
| GOULDIA CERINA               | 1         |   |   |
| SEMIROSSIA TENERA            | 1         |   |   |
| OCTOPUS SP.                  | X         |   |   |
| OCTOPUS JOUBINI              |           | 1 |   |
| ANOPLDACTYLUS INSIGNIS       | 1         |   |   |
| PALLENOPSIS SCHMITTI         | 1         |   | 1 |
| SCAPELLUM SP. A              | 2         | 1 |   |
| SOLENOCERA ATLANTIDIS        | 2         |   |   |
| LEPTOCHELA CARINATA          | 1         |   |   |
| SYNALPHEUS TOWNSENDI         | 2         |   |   |
| SCYLLARUS AMERICANUS         |           | 1 |   |
| IRIDOPAGURUS CARIBBENSIS     | 1         |   |   |
| MANUCOMPLANUS CORALLINUS     |           | 1 |   |
| PHIMOCIRUS SP.               |           | 1 |   |
| PHIMOCIRUS HOLTHUISI         | 2         |   |   |
| MUNIDA ANGULATA              | 2         | 1 |   |
| MUNIDA PUSILLA               | 5         | 3 | 4 |
| GALATHEA ROSTRATA            | 2         | 2 | 1 |
| PACHYCHELES RUGIMANUS        | 1         |   |   |
| DARDANUS INSIGNIS            | 1         | 1 | 1 |
| PAGURISTES SERICEUS          | 1         | 1 |   |
| PAGURISTES TRIANGULATUS      | 1         |   |   |
| PETROCHIRUS DIOGENES         |           | 1 | 1 |
| DROMIDIA ANTILLENIS          | 2         |   |   |
| HYPOCONCHA SPINOSISSIMA      |           |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 17.

| TAXON                         | REPLICATE |   |   |
|-------------------------------|-----------|---|---|
|                               | A         | B | C |
| ETHUSA MASCARONE AMERICANA    |           |   | 1 |
| OSACHILA TUBEROSA             | 1         |   | 1 |
| CALLIDACTYLUS ASPER           | 3         |   | 2 |
| ILIACANTHA SPARSA             |           | 1 |   |
| SYMETHIS VARIOLOSA            |           |   | 1 |
| COLLODES TRISPINOSUS          |           | 1 |   |
| MITHRAX (MITHRAX) ACUTICORNIS |           | 2 |   |
| PODOCHELA GRACILIPES          | 1         |   |   |
| PODOCHELA SIDNEYI             | 1         |   |   |
| STENOCIONOPS FURCATA FURCATA  | 3         | 1 |   |
| STENORHYNCHUS SETICORNIS      | 1         | 1 |   |
| PARTHENOPE AGONA              | 1         | 3 |   |
| PORTUNUS SPINICARPUS          |           | 1 |   |
| PORTUNUS ORDWAYI              |           | 1 |   |
| CARPOPORUS PAPULOSUS          |           | 1 |   |
| PILUMNUS FLORIDANUS           |           | 2 |   |
| PALICUS ALTERNATUS            | 1         |   |   |
| GONODACTYLUS TORUS            |           |   | 1 |
| AMATHIA DISTANS               | X         |   |   |
| STEGANOPORELLA MAGNILABRIS    | X         | X | X |
| CELLARIA IRREGULARIS          | X         | X |   |
| NELLIA OCLATA                 | X         | X |   |
| BUGULA NERITINA               | X         | X | X |
| BUGULA CF. FULVA              | X         |   |   |
| CUPULADRIA BIPOROSA           | X         | X |   |
| HIPPOMETRALIELLA BISINUATA    | X         |   |   |
| STYLOPOMA SPONGITES           | X         | X | X |
| HIPPOPORIDRA EDAX             | X         | X |   |
| BRACEBRIDGIA SUBSULCATA       | X         | X | X |
| MAMILLOPORA CUPULA            |           |   | X |
| CELLEPORARIA ALBIROSTRIS      | X         | X | X |
| CELLEPORARIA MAGNIFICA        | X         | X | X |
| PARASMITTINA TRISPINOSA       | X         | X | X |
| IDMIDRONEA ATLANTICA          | X         |   |   |
| ENTALOPHORA PROBOSCIDEOIDES   |           | X |   |
| CRISIA EBURNEA                | X         |   |   |
| ASTROPECTEN DUPLICATUS        | 1         |   | 1 |
| GONIASTER TESSELLATUS         |           | 1 |   |
| TOSIA PARVA                   |           | 2 |   |
| NARCISSIA TRIGONARIA          |           |   | 1 |
| ECHINASTER SP.                | 17        | 4 | 3 |
| OPHIOMYXA FLACCIDA            | 2         | 4 | 3 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 17.

| TAXON                             | REPLICATE |   |    |
|-----------------------------------|-----------|---|----|
|                                   | A         | B | C  |
| OPHIOLEPIS ELEGANS                | 6         | 3 | 13 |
| OPHIODERMA BREVISPINUM            |           |   | 1  |
| OPHIODERMA BREVICAUDUM            |           | 1 |    |
| OPHIOSTIGMA ISOCANTHA             | 2         |   |    |
| OPHIOTHRIX ANGULATA               | 4         | 5 |    |
| EUCIDARIS TRIBULOIDES TRIBULOIDES | 2         | 1 | 3  |
| STYLOCIDARIS AFFINIS              |           | 2 |    |
| ARBACIA PUNCTULATA                | 2         | 1 |    |
| GENOCIDARIS MACULATA              |           |   | 10 |
| CLYPEASTER LUTKENI                | 1         |   |    |
| CLYPEASTER SUBDEPRESSUS           |           | 1 |    |
| ECHINOLAMPAS DEPRESSA             | 1         | 6 | 5  |
| PENTAMERA PULCHERRIMA             |           |   | 1  |
| EUDISTOMA SP.                     | 1         |   |    |
| EUDISTOMA CAPSULATUM              | 1         |   |    |
| APLIDIUM SP. 1                    |           |   | 1  |
| DIDEMNUM CANDIDUM                 | X         | X | X  |
| POLYCARPA OBTECTA                 | 1         | 2 |    |
| OPSANSUS PARDUS                   | 1         |   |    |
| HALIEUTICHTHYS ACULEATUS          | 2         |   |    |
| SCORPAENA ALBIFIMBRIA             | 2         |   |    |
| SCORPAENA DISPAR                  |           |   | 1  |
| PRISTIGENYS ALTA                  |           | 1 |    |
| STARKSIA SP.                      |           | 2 |    |
| SYACIUM PAPILLOSUM                | 1         |   | 1  |
| GYMNACHIRUS MELAS                 |           |   | 1  |
| MONACANTHUS CILIATUS              | 1         |   | 1  |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 19.

| TAXON                             | REPLICATE |   |   |
|-----------------------------------|-----------|---|---|
|                                   | A         | B | C |
| CAULERPA ASHMEADII                | X         | X | X |
| CAULERPA SERTULARIOIDES           | X         | X | X |
| CAULERPA MEXICANA                 | X         |   |   |
| HALIMEDA GRACILIS                 | X         | X | X |
| PENICILLUS PYRIFORMIS             |           | X |   |
| UDOTEA CONGLUTINATA               |           | X |   |
| UDOTEA CYATHIFORMIS               | X         |   |   |
| UDOTEA FLABELLUM                  |           | X | X |
| CYSTODICTYON PAVONIUM             |           | X |   |
| DICTYOTA DIVARICATA               | X         |   |   |
| SARGASSUM HYSTRIX V. SPINULOSUM   |           | X |   |
| AGARDHIELLA SUBULATA              |           | X |   |
| GRACILARIA DEBILIS                |           | X |   |
| GRACILARIA CYLINDRICA             |           | X |   |
| GRACILARIA SP. 2                  |           | X |   |
| LITHOTHAMNIUM CALCAREUM           | X         | X | X |
| BOTRYOCLADIA OCCIDENTALIS         |           | X |   |
| LAURENCIA CHONDRIOIDES            | X         |   |   |
| HALOPHILA DECIPIENS               | X         | X | X |
| ARCHAIAS SP.                      |           | X |   |
| AIOLACHROIA CRASSA                | X         |   |   |
| IGERNELLA NOTABILIS               |           | X |   |
| HALICLONA COMPRESSA               | X         | X | X |
| HALICLONA SPP.                    | X         |   |   |
| SPINOSSELLA VAGINALIS V. ARMIGERA | X         |   |   |
| ? GELLIUS SPP.                    | X         |   |   |
| ? HALICLONA SPP.                  | X         | X |   |
| ? FORCEPIA SP.                    |           | X |   |
| HALICHONDRIA ? MAGNICONJULOSA     |           | X |   |
| HALICHONDRIA ? MELANADOCIA        | X         |   |   |
| OXEOSTILON BURTONI                |           |   | X |
| TIMEA ? MIXTA                     | X         | X |   |
| SPHECIOSPONGIA VESPARIUM          | X         | X |   |
| ANTHOSIGMELLA VARIANS             | X         | X | X |
| ANTHOSIGMELLA ? VARIANS           | X         | X |   |
| PLACOSPONGIA MELOBESIOIDES        | X         |   |   |
| ? EPIPOLASIS SPP.                 | X         |   | X |
| GEODIA GIBBEROSA                  | X         | X |   |
| DEMOSPONGEA-AXINELLIDA            |           | X |   |
| AXINELLA ? BOOKHOUTI              |           |   | X |
| CORYDENDRIUM PARASITICUM          | X         |   |   |
| EUDENDRIUM CARNEUM                |           |   | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 19.

| TAXON                     | REPLICATE |    |    |
|---------------------------|-----------|----|----|
|                           | A         | B  | C  |
| SERTULARELLA PINNIGERA    |           |    | X  |
| DYNAMENA POURTALESI       | X         |    |    |
| THYROSCYPHUS MARGINATUS   |           |    | X  |
| ANTIPATHIDAE              | X         |    |    |
| PSEUDOPTEROGORGIA ACEROSA |           | X  |    |
| CLADOCORA ARBUSCULA       | 1         |    |    |
| POLYCHAETA                | X         | X  |    |
| DIODORA CAYENENSIS        | 2         | 2  |    |
| TURRITELLA ACROPORA       |           | 2  |    |
| MODULUS MODULUS           |           | 1  |    |
| STROMBUS ALATUS           | 3         | 5  |    |
| STROMBUS COSTATUS         | 9         | 11 | 1  |
| CREPIDULA PLANA           |           | 1  |    |
| CREPIDULA ACULEATA        | 1         |    |    |
| MUREX RUBIDUS             |           | 3  |    |
| FAVARTIA CELLULOSA        |           | 1  |    |
| COLUBRARIA LANCEOLATA     | 1         |    |    |
| FASCIOLARIA TULIPA        |           |    | 1  |
| OLIVA CIRCINATA           | 1         | 1  | 1  |
| CANCELLARIA RETICULATA    | 1         |    |    |
| CONUS FLORIDANUS          |           | 3  |    |
| STRIOTEREBRUM ONSLOWENSIS | 3         | 1  | 1  |
| GASTROPODA EGGS           | 1         |    |    |
| PECTEN RAVENELI           |           |    | 1  |
| ARGOPECTEN GIBBUS         | 1         | 3  |    |
| PLICATULA GIBBOSA         |           |    | 1  |
| DIPLODONTA SP.            | 1         |    |    |
| EUCRASSATELLA SPECIOSA    | 4         |    | 3  |
| LAEVICARDIUM LAEVIGATUM   | 2         | 4  | 1  |
| LAEVICARDIUM PICTUM       | 8         | 12 | 14 |
| TELLINA LISTERI           | 1         | 2  |    |
| MACROCALLISTA MACULATA    |           |    | 2  |
| PERIGLYPTA LISTERI        | 2         | 1  | 1  |
| ARCINELLA CORNUTA         | 2         | 1  |    |
| METAPENAEOPSIS GOODEI     | 1         | 1  |    |
| SYNALPHEUS HERRICKI       | 3         |    |    |
| SYNALPHEUS LONGICARPUS    |           | 1  | 1  |
| SYNALPHEUS MINUS          | 1         |    |    |
| SYNALPHEUS PANDIONIS      |           |    | 2  |
| SYNALPHEUS TOWNSENDI      | 1         |    |    |
| PROCESSIDAE               | 1         |    |    |
| SCYLLARUS AMERICANUS      | 2         |    |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 19.

| TAXON                            | REPLICATE |    |   |
|----------------------------------|-----------|----|---|
|                                  | A         | B  | C |
| PAGURUS BREVIDACTYLUS            |           | 3  | 1 |
| PAGURUS STIMPSONI                | 3         | 3  |   |
| MANUCOMPLANUS CORALLINUS         |           | 1  |   |
| PHIMOCHIRUS HOLTHUISI            | 1         | 1  |   |
| PETROLISTHES GALATHINUS          | 2         |    | 1 |
| ALBUNEA GIBBESI                  |           | 1  | 2 |
| PAGURISTES PUNTICEPS             |           | 3  | 2 |
| PAGURISTES SERICEUS              | 1         | 7  | 3 |
| PAGURISTES TORTUGAE              |           | 1  |   |
| PETROCHIRUS DIOGENES             |           | 2  |   |
| HYPOCONCHA SABULOSA              |           |    | 1 |
| CALAPPA FLAMMEA                  | 1         |    |   |
| PERSEPHONA AQUILONARIS           | 1         |    | 1 |
| ILIACANTHA SP.                   |           |    | 1 |
| ILIACANTHA INTERMEDIA            |           | 3  |   |
| COLLODES TRISPINOSUS             | 1         |    |   |
| MACROCOELOMA CAMPTOCERUM         |           | 1  | 1 |
| MACROCOELOMA TRISPINOSUM         | 2         | 2  | 2 |
| MACROCOELOMA TRISPINOSUM NODIPES |           | 2  |   |
| METOPORHAPHIS CALCARATA          | 1         | 1  | 1 |
| MITHRAX (MITHRAX) PLEURACANTHUS  | 8         | 8  | 2 |
| MITHRAX (MITHRACULUS) FORCEPS    |           | 2  |   |
| PITHO LHERMINIERI                |           | 3  |   |
| STENORHYNCHUS SETICORNIS         | 1         |    | 1 |
| PARTHENOPE SERRATA               |           | 1  | 1 |
| PORTUNUS SPINICARPUS             | 2         |    | 1 |
| PORTUNUS DEPRESSIFRONS           |           | 1  |   |
| LOBOPILUMNUS AGASSIZI            | 4         |    | 3 |
| PILUMNUS DASYPODUS               | 2         | 1  |   |
| PILUMNUS SAYI                    | 8         | 12 | 8 |
| EURYPLAX NITIDA                  | 3         | 2  | 3 |
| MEIOSQUILLA SCHMITTI             |           |    | 1 |
| GONODACTYLUS BREDINI             | 1         |    | 1 |
| AMATHIA CONVOLUTA                | X         | X  |   |
| STEGANOPORELLA MAGNILABRIS       |           |    | X |
| NELLIA OCLATA                    | X         | X  | X |
| SCRUPOCELLARIA REGULARIS         | X         |    |   |
| CUPULADRIA BIPOROSA              | X         | X  | X |
| CUPULADRIA DOMA                  | X         |    |   |
| HIPPOMETRALIELLA BISINUATA       | X         | X  |   |
| STYLOPOMA SPONGITES              | X         |    |   |
| HIPPOPORIDRA EDAX                | X         | X  |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 19.

| TAXON                           | REPLICATE |   |    |
|---------------------------------|-----------|---|----|
|                                 | A         | B | C  |
| BUSKEA DICHOTOMA                |           | X |    |
| ASTROPECTEN DUPLICATUS          | 1         | 3 | 1  |
| ASTROPECTEN ARTICULATUS         |           | 1 | 1  |
| OREASTER RETICULATUS            |           |   | 1  |
| ECHINASTER SP.                  |           | 1 |    |
| OPHIOLEPIS ELEGANS              | 13        | 1 | 15 |
| OPHIODERMA BREVISPINUM          |           |   | 1  |
| OPHIODERMA BREVICAUDUM          |           |   | 1  |
| OPHIODERMA CINEREUM             |           | 1 |    |
| OPHIACTIS SAVIGNYI              | 2         |   |    |
| AMPHIURIDAE                     |           | 1 |    |
| AXIOGNATHUS SP.                 | 1         |   |    |
| OPHIOTHRIX ANGULATA             | 1         |   |    |
| LYTECHINUS VARIEGATUS CAROLINUS | 2         | 1 | 1  |
| CLYPEASTER LUTKENI              |           | 1 | 2  |
| CLYPEASTER SUBDEPRESSUS         | 1         |   |    |
| ENCOPE ABERRANS                 | 1         |   |    |
| THYONELLA PERVICAX              | 10        | 1 | 1  |
| THYONELLA SABANILLAENSIS        | 1         |   |    |
| HOLOTHURIA SURINAMENSIS         | 1         | 1 |    |
| ASTICHOPUS MULTIFIDUS           | 1         |   |    |
| APLIDIUM SP. 2                  |           | 2 |    |
| ASCIDIA SP.                     |           | 1 |    |
| BRANCHIOSTOMA SP.               | 1         |   |    |
| PORICHTHYS PLECTRODON           |           | 1 |    |
| OPSANSUS PARDUS                 |           | 1 |    |
| CORYTHOICHTHYS ALBIROSTRIS      | 1         |   | 1  |
| SCORPAENA BRASILIENSIS          | 2         |   | 1  |
| DIPLECTRUM FORMOSUM             |           |   | 1  |
| SERRANICULUS PUMILIO            | 1         |   | 1  |
| SERRANUS SUBLIGARIUS            |           | 1 |    |
| RYPTICUS MACULATUS              | 2         |   |    |
| HAEMULON AUROLINEATUM           | 1         |   |    |
| DACTYLOSCOPUS POEYI             |           |   | 1  |
| MONACANTHUS CILIATUS            |           | 1 | 4  |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 21.

| TAXON                     | REPLICATE |   |   |
|---------------------------|-----------|---|---|
|                           | A         | B | C |
| CODIUM ISTHMOCLADUM       | X         | X | X |
| PSEUDOCODIUM FLORIDANUM   |           |   | X |
| CAULERPA PELTATA          | X         | X |   |
| CAULERPA MICROPHYSA       |           |   | X |
| HALIMEDA GRACILIS         | X         |   | X |
| CYSTODICTYON PAVONIUM     | X         | X | X |
| GRACILARIA MAMILLARIS     |           | X |   |
| GRACILARIA CURTISSIAE     |           | X |   |
| GRACILARIA SP. 1          | X         | X | X |
| PEYSSONNELIA SIMULANS     | X         |   | X |
| LITHOTHAMNIUM RUPTILE     |           | X |   |
| BOTRYOCLADIA OCCIDENTALIS | X         | X | X |
| DASYA CORYMBIFERA         | X         |   |   |
| WRIGHTIELLA TUMANOWICZI   |           |   | X |
| ANCANTHOPHORA MUSCOIDES   |           | X |   |
| ARCHAIAS SP.              | X         |   |   |
| ? LEUCETTA SP.            |           |   | X |
| DEMOSPONGEA               | X         |   |   |
| SPONGIIDAE                | X         |   | X |
| HIPPOSPONGIA LACHNE       | X         |   |   |
| HYATTELLA INTESTINALIS    | X         | X |   |
| IRCINIA CAMPANA           | X         |   | X |
| IRCINIA STROBILINA        | X         | X | X |
| IRCINIA FELIX             |           |   | X |
| IRCINIA ? FELIX           |           | X |   |
| IRCINIA ? STROBILINA      |           | X |   |
| ? IRCINIA SP.             |           | X | X |
| APLYSINA SP.              | X         | X | X |
| APLYSINA LACUNOSA         | X         |   |   |
| AILOCHROIA CRASSA         | X         | X | X |
| IGERNELLA NOTABILIS       | X         |   | X |
| DEMOSPONGEA-HAPLOSCLERIDA | X         |   | X |
| HALICLONIDAE              | X         |   |   |
| HALICLONA COMPRESSA       | X         |   | X |
| HALICLONA SPP.            | X         |   |   |
| NIPHATES ERECTA           | X         | X | X |
| SPINOSELLA PLICIFERA      | X         |   |   |
| ? GELLIUS SPP.            |           |   | X |
| SIPHONODICTYON SIPHONUM   | X         |   |   |
| ? XESTOSPONGIA SP.        |           | X |   |
| MYCALE SP.                |           | X | X |
| TEDANIIDAE                | X         | X | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 21.

| TAXON                               | REPLICATE |   |   |
|-------------------------------------|-----------|---|---|
|                                     | A         | B | C |
| ACARNUS SP.                         |           |   | X |
| IOTROCHOTA BIROTULATA               |           | X | X |
| ? FORCEPIA SP.                      | X         |   | X |
| MICROCIONIDAE                       |           | X | X |
| MICROCIONA ? SPINOSA                |           |   | X |
| THALYSIAS ? JUNIPERINA              |           | X |   |
| ? BIEMNA SPP.                       | X         | X |   |
| ? BUBARIS SPP.                      | X         | X | X |
| HALICHONDRIA ? MAGNICONULOSA        |           |   | X |
| HALICHONDRIA ? MELANADOCIA          |           | X |   |
| ? HALICHONDRIA SPP.                 |           | X |   |
| OXEOSTILON BURTONI                  |           | X |   |
| SPIRASTRELLA COCCINEA               | X         | X | X |
| SPHECIOSPONGIA VESPARIUM            | X         | X | X |
| ANTHOSIGMELLA VARIANS               | X         | X | X |
| ANTHOSIGMELLA VARIANS V. INCRUSTANS |           | X |   |
| ANTHOSIGMELLA ? VARIANS             |           |   | X |
| ? TIMEA SPP.                        | X         |   |   |
| TERPIOS ? FUGAX                     |           | X |   |
| LAXOSUBERITES COERULEA              | X         |   |   |
| PLACOSPONGIA MELOBESIOIDES          | X         | X | X |
| CLIONA DELITRIX                     | X         |   |   |
| TETHYA ACTINIA                      | X         | X | X |
| ? EPIPOLASIS SPP.                   | X         | X | X |
| JASPIS SPP.                         | X         | X |   |
| ? JASPIS SPP.                       | X         | X | X |
| GEODIA GIBBEROSA                    | X         | X | X |
| ? ERYLUS SPP.                       | X         | X |   |
| CINACHYRA ALLOCLADA                 | X         | X | X |
| CHONDRILLA ? NUCULA                 | X         | X | X |
| DEMOSPONGEA-LITHISTIDA              |           | X |   |
| AXINELLA SPP.                       | X         | X | X |
| HOMAXINELLA WALTONSMITHI            | X         | X | X |
| PSEUDAXINELLA LUNAECHARTA           | X         | X |   |
| TEICHAXINELLA MORCHELLA             |           |   | X |
| TEICHAXINELLA SHOEMAKERI            | X         |   |   |
| TEICHAXINELLA ? CORRUGATA           |           | X |   |
| ? PHAKELLIA SP.                     |           |   | X |
| ? AXINELLA SPP.                     |           | X |   |
| ? THALYSEURYPON SP.                 |           |   | X |
| SERTULARELLA SP.                    |           | X |   |
| THYROSCYPHUS MARGINATUS             | X         | X | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 21.

| TAXON                       | REPLICATE |   |   |
|-----------------------------|-----------|---|---|
|                             | A         | B | C |
| HALECIUM SP.                |           | X |   |
| STEPHANOSCYPHUS CORNIFORMIS |           | X |   |
| SIDERASTREA RADIANUS        | 2         | 3 | 1 |
| PHYLLANGIA AMERICANA        |           | 1 |   |
| OCULINA DIFFUSA             | 1         | 1 |   |
| SCOLYMIA LACERA             |           | X | 1 |
| POLYCHAETA                  | X         | X | X |
| CALLIOSTOMA TAMPAENSE       |           |   | 1 |
| VERMICULARIA SPIRATA        |           | 1 |   |
| TURRITELLA ACROPORA         |           |   | 1 |
| CRUCIBULUM PLANUM           |           | 1 |   |
| TRIVIA PEDICULUS            | 1         | 1 | 2 |
| CYPRAEA SPURCA ACICULARIS   | 3         | 2 |   |
| CHICOREUS FLORIFER          | 1         |   |   |
| MUREX RUBIDUS               |           |   | 1 |
| MURICOPSIS OXYTATA          |           |   | 1 |
| LATIRUS CARINIFERUS         |           | 1 | 1 |
| FUSINUS EUCOSMIUS           |           |   | 1 |
| SCAPHELLA JUNONIA           |           |   | 1 |
| PRUNUM ROOSEVELTI           | 1         |   |   |
| VEXILLUM ALBOCINCTUM        |           |   | 1 |
| POLYSTIRA ALBIDA            |           | 2 | 3 |
| CONUS SPURIUS ATLANTICUS    |           |   | 1 |
| CHLAMYS BENEDICTI           |           |   | 2 |
| SPONDYLUS AMERICANUS        | 1         |   |   |
| LAEVICARDIUM PICTUM         |           |   | 1 |
| CORBULA DIETZIANA           |           | 1 |   |
| CHAMA MACEROPHYLLA          |           |   | 1 |
| ALPHEUS ARMATUS             | 1         |   |   |
| SYNALPHEUS SP.              | 1         |   |   |
| SYNALPHEUS BOUSFIELDI       |           | 1 |   |
| SYNALPHEUS GOODEI           |           | 1 |   |
| SYNALPHEUS HERRICKI         | 1         | 1 | 1 |
| SYNALPHEUS LONGICARPUS      |           | 3 |   |
| SYNALPHEUS PANDIONIS        |           | 1 | 1 |
| LYSMATA RATHBUNAE           |           |   | 1 |
| PROCESSA BERMUDENSIS        |           | 1 |   |
| SCYLLARUS CHACEI            |           |   | 1 |
| PAGURUS BREVIDACTYLUS       | 2         | 1 | 2 |
| IRIDOPAGURUS SP.            |           | 1 |   |
| IRIDOPAGURUS CARIBBENSIS    |           |   | 1 |
| PHIMOCHIRUS HOLTHUISI       |           | 1 | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 21.

| TAXON                            | REPLICATE |   |   |
|----------------------------------|-----------|---|---|
|                                  | A         | B | C |
| GALATHEA ROSTRATA                | 1         | 2 | 1 |
| PACHYCHELES SP.                  |           | 1 |   |
| PACHYCHELES RUGIMANUS            | 3         | 4 |   |
| PACHYCHELES ACKLEIANUS           | 7         | 3 | 2 |
| NEOPISOSOMA ANGUSTIFRONS         |           |   | 1 |
| PARAPETROLISTHES TORTUGENSIS     | 2         |   | 3 |
| DARDANUS VENOSUS                 |           | 1 |   |
| PAGURISTES SERICEUS              | 7         | 3 | 5 |
| PAGURISTES TORTUGAE              |           | 1 |   |
| PETROCHIRUS DIOGENES             | 1         | 1 | 3 |
| DROMIDIA ANTILLENISIS            |           | 1 | 1 |
| CALAPPA FLAMMEA                  | 1         |   |   |
| CYCLOES BAIRDI                   |           | 1 |   |
| MACROCOELOMA TRISPINOSUM         | 1         | 3 | 4 |
| MACROCOELOMA TRISPINOSUM NODIPES |           |   | 2 |
| MITHRAX (MITHRAX) ACUTICORNIS    | 3         | 7 | 2 |
| MITHRAX (MITHRAX) PLEURACANTHUS  |           | 6 | 1 |
| STENOCIONOPS FURCATA FURCATA     | 1         | 2 | 5 |
| STENOCIONOPS FURCATA COELATA     | 1         |   |   |
| STENORHYNCHUS SETICORNIS         | 1         | 2 | 1 |
| PARTHENOPE GRANULATA             |           |   | 2 |
| PORTUNUS ORDWAYI                 | 1         |   |   |
| MICROPANOPE LAEVIMANUS           |           | 1 | 5 |
| PILUMNUS DASYPODUS               | 1         |   | 2 |
| PILUMNUS FLORIDANUS              | 2         | 5 | 3 |
| PSEUDOMEDAUS AGASSIZI            | 1         | 1 |   |
| PSEUDOMEDAUS DISTINCTUS          |           |   | 1 |
| PARACTAEA RUFOPUNCTATA NODOSA    | 1         |   | 1 |
| PANOPLAX DEPRESSA                |           | 1 |   |
| PALICUS AFFINIS                  | 1         |   | 1 |
| PALICUS ALTERNATUS               | 1         | 1 | 1 |
| GONODACTYLUS BREDINI             | 4         | 2 | 4 |
| STEGANOPORELLA MAGNILABRIS       |           | X | X |
| CUPULADRIA BIPOROSA              |           | X | X |
| CIGCLISULA CF. TURRITA           | X         | X | X |
| STYLOPOMA SPONGITES              | X         | X | X |
| RETEPORELLINA EVELINAE           |           |   | X |
| CELLEPORARIA ALBIROSTRIS         | X         | X | X |
| CELLEPORARIA MAGNIFICA           | X         |   | X |
| OPHIODERMA BREVICAUDUM           | 1         |   |   |
| OPHIODERMA APPRESSUM             |           | 5 | 4 |
| OPHIOSTIGMA ISOCANTHA            | 1         | 1 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 21.

| TAXON                           | REPLICATE |    |    |
|---------------------------------|-----------|----|----|
|                                 | A         | B  | C  |
| OPHIOTHRIX ANGULATA             | 3         | 10 | 10 |
| OPHIOTHRIX SUENSONII            |           | 1  |    |
| ARBACIA PUNCTULATA              |           | 1  | 2  |
| LYTECHINUS VARIEGATUS CAROLINUS |           | 1  |    |
| CLYPEASTER LUTKENI              | 1         |    | 1  |
| CLAVELINA GIGANTEA              | 4         | 6  | 1  |
| EUDISTOMA SP.                   |           | 1  |    |
| APLIDIUM SP. 2                  |           |    | 2  |
| DIDEMNUM CANDIDUM               |           | X  | X  |
| PYURA SP.                       | 1         |    |    |
| SYNODUS INTERMEDIUS             |           | 1  |    |
| SYNODUS POEYI                   | 1         |    |    |
| SAURIDA BRASILIENSIS            |           | 1  |    |
| OPSANSUS PARDUS                 |           |    | 1  |
| ANTENNARIUS OCELLATUS           |           | 2  |    |
| PAREXOCOETUS BRACHYPTERUS       |           | 1  |    |
| SCORPAENA AGASSIZI              | 1         |    |    |
| HYPOPLECTRUS PUELLA             |           | 1  | 1  |
| APOGON AUROLINEATUS             |           |    | 4  |
| APOGON MACULATUS                | 1         |    |    |
| PARABLENNIUS MARMOREUS          |           |    | 1  |
| CORYPHOPTERUS DICRUS            |           | 1  |    |
| CHRIOLEPIS SP.                  | 2         |    |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 23.

| TAXON                       | REPLICATE |   |   |
|-----------------------------|-----------|---|---|
|                             | A         | B | C |
| HALIMEDA GRACILIS           | X         |   | X |
| PALMELLACEAE N. SP.         | X         | X | X |
| STRUVEA PULCHERRIMA         |           | X |   |
| MICRODICTYON BOEGESENII     |           |   | X |
| ANADYOMENE MENZIESII        | X         | X | X |
| MERISTOTHECA FLORIDANA      | X         |   | X |
| GRACILARIA SP. 1            |           |   | X |
| PEYSSONNELIA RUBRA          | X         | X | X |
| LITHOTHAMNIUM RUPTILE       |           | X | X |
| MELOBESIA SP.               |           | X |   |
| RHODYMENIA PSEUDOPALMATA    | X         |   |   |
| DASYA COLLINSIANA           |           |   | X |
| THALASSIA TESTUDINUM        |           | X |   |
| NIPHATES ERECTA             | X         | X |   |
| ? GELLIUS SPP.              |           |   | X |
| ? HALICLONA SPP.            | X         |   |   |
| NEPHELIOSPONGIIDAE          | X         |   |   |
| XESTOSPONGIA SP.            |           | X |   |
| ? ADOCIIDAE                 | X         |   |   |
| ? DRAGMATELLA SP.           |           |   | X |
| MICROCIONIDAE               | X         |   |   |
| ? BIEMNA SPP.               | X         | X | X |
| ? BUBARIS SPP.              | X         | X | X |
| HALICHONDRIA SPP.           | X         | X |   |
| SPIRASTRELLA SP.            |           | X |   |
| PLACOSPONGIA MELOBESIOIDES  |           | X | X |
| CLIONA SP.                  |           | X |   |
| CLIONA SCHMIDTI             |           | X |   |
| DEMOSPONGEA-CHORISTIDA      |           |   | X |
| ERYLIUS SPP.                |           | X |   |
| ? PLAKINASTRELLA SP.        |           | X |   |
| DEMOSPONGEA-LITHISTIDA      | X         | X |   |
| DISCODERMIA SP.             | X         |   | X |
| ? DISCODERMIA SP.           |           |   | X |
| TEICHAXINELLA MORCHELLA     |           | X |   |
| PHAKELLIA FOLIUM            | X         | X |   |
| HIGGINSIA SP.               |           | X |   |
| HIGGINSIA STRIGILATA        |           |   | X |
| SERTULARELLA PINNIGERA      | X         |   |   |
| STEPHANOSCYPHUS CORNIFORMIS | X         |   |   |
| MADRACIS ASPERULA           | 6         | X | X |
| MADRACIS FORMOSA            |           | 1 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 23.

| TAXON                             | REPLICATE |    |   |
|-----------------------------------|-----------|----|---|
|                                   | A         | B  | C |
| MADRACIS MIRABILIS                |           | 1  |   |
| POLYCHAETA                        | X         |    | X |
| TURBO CREMULATUS                  |           | 1  | 2 |
| ASTRAEA PHOEBIA                   | 1         |    |   |
| TURRITELLA EXOLETA                |           | 2  |   |
| NISO HENDERSONI                   | 1         |    |   |
| MUREX RUBIDUS                     | 1         |    |   |
| CONUS AMPHIURGUS                  |           | 1  |   |
| CAVOLINIA TRIDENTATA              | 1         |    |   |
| PLEUROBRANCHIDAE                  |           |    | 1 |
| LAEVICARDIUM PICTUM               |           | 2  |   |
| ANCHISTIOIDES ANTIGUENSIS         |           |    | 1 |
| PHIMOCHIRUS HOLTHUISI             | 1         |    | 1 |
| MUNIDA ANGULATA                   |           | 1  | 1 |
| MUNIDA PUSILLA                    | 1         |    |   |
| MITHRAX (MITHRAX) ACUTICORNIS     | 1         | 2  |   |
| ODOCHELA GRACILIPES               |           |    | 1 |
| PARTHENOPE FRATERCULUS            |           | 1  | 1 |
| MICROPANOPE SCULPTIPES            | 1         | 3  |   |
| MELYBIA THALAMITA                 | 1         | 1  |   |
| PILUMNUS DASYPODUS                | 1         |    |   |
| PALICUS AFFINIS                   |           | 1  | 1 |
| GONODACTYLUS TORUS                |           | 3  | 8 |
| STEGANOPORELLA MAGNILABRIS        |           | X  | X |
| CIGCLISULA CF. TURRITA            | X         |    |   |
| CIGCLISULA PERTUSA                | X         |    |   |
| TOSIA PARVA                       |           | 1  |   |
| ASTERINA FOLIUM                   | 1         |    |   |
| PORANIELLA REGULARIS              | 1         |    | 1 |
| OPHIOMYXA FLACCIDA                | 1         |    |   |
| OPHIONEREIS RETICULATA            |           | 1  |   |
| OPHIODERMA RUBICUNDUM             | 5         | 15 | 5 |
| OPHIODERMA APPRESSUM              | 1         | 1  |   |
| OPHIOTHRIX ANGULATA               | 3         | 3  | 2 |
| EUCIDARIS TRIBULOIDES TRIBULOIDES |           | 1  |   |
| STYLOCIDARIS AFFINIS              |           |    | 2 |
| ARBACIA PUNCTULATA                | 1         | 3  |   |
| GENOCIDARIS MACULATA              |           | 1  | 1 |
| EUDISTOMA SP.                     |           | 1  |   |
| EUDISTOMA CAPSULATUM              |           | 2  |   |
| DIDEMNUM CANDIDUM                 |           | X  |   |
| SCORPAENA BRASILIENSIS            |           | 2  |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 23.

| TAXON                | REPLICATE |   |   |
|----------------------|-----------|---|---|
|                      | A         | B | C |
| PRIONOTUS ALATUS     |           |   | 1 |
| MONACANTHUS CILIATUS | 1         |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 27.

| TAXON                       | REPLICATE |   |   |
|-----------------------------|-----------|---|---|
|                             | A         | B | C |
| CODIUM ISTHMOCLADUM         | X         |   |   |
| CAULERPA TAXIFOLIA          | X         | X | X |
| HALIMEDA GRACILIS           | X         | X | X |
| SARGASSUM PTEROPLEURON      |           |   | X |
| GRACILARIA SP. 1            | X         |   | X |
| PETROGLOSSUM UNDULATUM      | X         |   |   |
| PEYSSONNELIA SIMULANS       |           | X |   |
| LITHOTHAMNIUM CALCAREUM     | X         | X |   |
| LEUCETTA ? FLORIDANA        |           |   | X |
| IRCINIA STROBILINA          |           |   | X |
| IRCINIA FELIX               |           |   | X |
| DYSIDEA SPP.                |           |   | X |
| IGERNELLA SP.               | X         |   |   |
| NIPHATES ERECTA             |           |   | X |
| SPINOSSELLA PLICIFERA       |           | X |   |
| ? GELLIODES SPP.            |           |   | X |
| ? ADOCIIDAE                 | X         |   |   |
| DEMOSPONGEA-POECILOSCLERIDA |           |   | X |
| COELOSPHAERA FISTULA        | X         |   |   |
| LISSODENDORYX ISODICTYALIS  | X         |   | X |
| ? FORCEPIA SP.              |           |   | X |
| ? BIEMNA SPP.               |           | X | X |
| DEMOSPONGEA-HADROMERIDA     | X         |   | X |
| SPIRASTRELLA SP.            | X         |   | X |
| TIMEA ? MIXTA               |           |   | X |
| ? TIMEA SPP.                |           |   | X |
| PLACOSPONGIA MELOBESIOIDES  | X         | X | X |
| CLIONA CELATA               | X         |   |   |
| TETHYA ACTINIA              |           | X |   |
| EPIPOLASIS SPP.             |           |   | X |
| ? EPIPOLASIS SPP.           | X         |   |   |
| ? JASPIS SPP.               |           |   | X |
| GEDIA NEPTUNI               |           |   | X |
| CINACHYRA ALLOCLADA         |           | X | X |
| CHONDRILLA SP.              |           | X | X |
| ? PACHASTRELLA SP.          |           |   | X |
| PLAKINIDAE                  | X         |   |   |
| DEMOSPONGEA-LITHISTIDA      |           | X |   |
| SERTULARELLA PINNIGERA      |           |   | X |
| THYROSCYPHUS MARGINATUS     | X         |   | X |
| STEPHANOSCPHUS CORNIFORMIS  | X         |   | X |
| LOPHOGORGIA CARDINALIS      | X         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 27.

| TAXON                     | REPLICATE |   |    |
|---------------------------|-----------|---|----|
|                           | A         | B | C  |
| MADRACIS ASPERULA         |           |   | 1  |
| MANICINA AREOLATA         | 2         | 4 |    |
| PHYLLANGIA AMERICANA      | 1         |   |    |
| OCULINA TENELLA           | 7         | X | 2  |
| CALLIOSTOMA ROSEOLUM      |           |   | 1  |
| CALLIOSTOMA TAMPAENSE     | 2         |   | 1  |
| VERMICULARIA KNORII       | 3         |   |    |
| TURRITELLA ACROPORA       | 1         |   |    |
| TURRITELLA EXOLETA        | 15        |   | 4  |
| NISO HENDERSONI           | 1         |   |    |
| XENOPHORA CONCHYLIOPHORA  | 4         |   | 1  |
| CYPRAEA SPURCA ACICULARIS |           |   | 1  |
| CHICOREUS FLORIFER        |           |   | 1  |
| MUREX ANNIAE              | 1         |   |    |
| MUREX CABRITII            | 3         |   | 1  |
| ANTILLOPHOS CANDEI        | 3         |   |    |
| NASSARIUS CONSENSUS       | 1         |   |    |
| POLYSTIRA ALBIDA          | 1         |   |    |
| CONUS DELESSERTII         | 1         |   |    |
| CHLAMYS BENEDICTI         | 1         | 1 | 1  |
| AEQUIPECTEN MUSCOSUS      | 3         | 1 |    |
| ARGOPECTEN GIBBUS         | 1         |   |    |
| EUCRASSATELLA SPECIOSA    |           | 1 |    |
| NEMOCARDIUM TINCTUM       | 3         | 1 | 1  |
| PITAR FULMINATUS          | 1         |   |    |
| CHIONE LATILIRATA         | 1         |   |    |
| CORBULA DIETZIANA         |           | 2 |    |
| OCTOPUS JOUBINI           | 2         |   | 1  |
| METAPENAEOPSIS GOODEI     | 1         |   |    |
| SICYONIA BREVIROSTRIS     | 3         |   |    |
| SCYLLARUS CHACEI          |           |   | 1  |
| IRIDOPAGURUS CARIBBENSIS  |           |   | 1  |
| MANUCOMPLANUS CORALLINUS  | 1         | 3 | 1  |
| PHIMOCHIRUS HOLTHUISI     | 5         | 2 | 2  |
| DARDANUS INSIGNIS         | 1         | 1 |    |
| PAGURISTES SERICEUS       | 3         | 1 | 11 |
| PAGURISTES TRIANGULATUS   | 3         | 5 | 1  |
| PETROCHIRUS DIOGENES      | 1         |   |    |
| DROMIDIA ANTILLENISIS     |           |   | 2  |
| CALLIDACTYLUS ASPER       | 1         | 1 | 1  |
| SYMETHIS VARIOLOSA        | 1         |   |    |
| MACROCOELOMA EUTHECA      |           |   | 1  |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 27.

| TAXON                             | REPLICATE |   |   |
|-----------------------------------|-----------|---|---|
|                                   | A         | B | C |
| PODOCHELA GRACILIPES              |           |   | 2 |
| STENOCIONOPS FURCATA FURCATA      |           | 1 |   |
| PARTHENOPE AGONA                  |           | 1 |   |
| PARTHENOPE FRATERCULUS            | 1         |   |   |
| PORTUNUS SPINICARPUS              | 2         | 3 |   |
| MICROPANOPE LAEVIMANUS            |           |   | 1 |
| PILUMNUS FLORIDANUS               |           |   | 1 |
| PSEUDOMEDAUS DISTINCTUS           |           |   | 1 |
| PALICUS SP.                       |           |   | 1 |
| PALICUS ALTERNATUS                | 2         |   |   |
| STEGANOPORELLA MAGNILABRIS        |           |   | X |
| CELLARIA IRREGULARIS              |           |   | X |
| NELLIA OCLATA                     |           |   | X |
| CIGGLISULA CF. TURRITA            | X         | X | X |
| STYLOPOMA SPONGITES               | X         | X | X |
| HIPPOPORIDRA EDAX                 |           | X |   |
| BRACEBRIDGIA SUBSULCATA           |           |   | X |
| HIPPALIOSINA ROSTRIGERA           |           | X |   |
| CELLEPORARIA ALBROSTRIS           |           | X | X |
| CELLEPORARIA MAGNIFICA            | X         |   | X |
| ASTROPECTEN SP.                   | 1         |   |   |
| ASTROPECTEN DUPLICATUS            | 3         | 2 |   |
| GONIASTER TESSELLATUS             |           | 1 |   |
| NARCISSIA TRIGONARIA              | 1         |   | 1 |
| ECHINASTER SP.                    | 3         |   |   |
| OPHIOMYXA FLACCIDA                |           |   | 2 |
| OPHIOLEPIS ELEGANS                | 3         |   |   |
| OPHIACTIS MULLERI                 |           |   | 1 |
| ? OPHIOPHRAGMUS SP.               | 1         |   |   |
| OPHIOTHRIX ANGULATA               | 1         | 1 |   |
| EUCIDARIS TRIBULOIDES TRIBULOIDES | 1         | 1 |   |
| GENOCIDARIS MACULATA              | 1         |   |   |
| CLYPEASTER LUTKENI                | 1         |   |   |
| CLYPEASTER SUBDEPRESSUS           | 1         | 1 |   |
| MEOMA VENTRICOSA                  |           | 1 |   |
| DIDEMNUM CANDIDUM                 | X         | X | X |
| POLYCARPA OBTECTA                 | 1         |   |   |
| VERMA SP.                         | 2         |   |   |
| HALIEUTICHTHYS ACULEATUS          | 1         | 1 | 1 |
| SCORPAENA ALBIFIMBRIA             | 1         |   | 1 |
| SCORPAENA CALCARATA               |           | 2 |   |
| SERRANUS NOTOSPILUS               |           |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 27.

| TAXON                 | REPLICATE |   |   |
|-----------------------|-----------|---|---|
|                       | A         | B | C |
| CALLIONYMUS BAIRDI    | 2         |   |   |
| CYCLOPSETTA FIMBRIATA |           |   | 2 |
| SYACIUM GUNTERI       |           | 2 |   |
| SYACIUM PAPILLOSUM    | 4         |   | 2 |
| MONACANTHUS CILIATUS  |           | 2 | 3 |
| SPHOEROIDES SPENGLERI | 1         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 29.

| TAXON                             | REPLICATE |   |   |
|-----------------------------------|-----------|---|---|
|                                   | A         | B | C |
| CHLOROPHYCOPHYTA                  | X         |   |   |
| HALIMEDA GRACILIS                 |           | X |   |
| PALMELLACEAE N. SP.               | X         |   |   |
| ANADYOMENE MENZIESII              | X         | X | X |
| PEYSSONNELIA RUBRA                | X         | X |   |
| PEYSSONNELIA SIMULANS             | X         |   | X |
| LITHOTHAMNIUM RUPTILE             | X         |   |   |
| LEUCETTA ? FLORIDANA              | X         |   |   |
| APLYSINA LACUNOSA                 | X         |   |   |
| APLYSINA FISTULARIS V. FISTULARIS | X         |   |   |
| NIPHATES ERECTA                   | X         |   |   |
| ? GELLIUS SPP.                    |           | X |   |
| XESTOSPONGIA SP.                  | X         |   |   |
| ? XESTOSPONGIA SP.                | X         | X | X |
| ? ADOCIIDAE                       |           | X |   |
| AGELAS ? DISPAR                   | X         |   |   |
| NEOFIBULARIA NOLITANGERE          |           |   | X |
| LISSODENDORYX ISODICTYALIS        | X         |   |   |
| ? BIEMNA SPP.                     | X         |   |   |
| DEMOSPONGEA-HALICHONDRIIDA        |           |   | X |
| HALICHONDRIA SPP.                 |           |   | X |
| ? HALICHONDRIA SPP.               |           | X |   |
| SPIRASTRELLA COCCINEA             | X         |   |   |
| CLIONA SCHMIDTI                   |           |   | X |
| EPIPOLASIS SPP.                   | X         |   |   |
| ? EPIPOLASIS SPP.                 |           | X |   |
| JASPIS SPP.                       | X         |   |   |
| ? JASPIS SPP.                     | X         | X | X |
| DEMOSPONGEA-CHORISTIDA            | X         |   |   |
| STOEBIA SP.                       | X         | X |   |
| ? MYRIA STRA SP.                  |           |   | X |
| GEODIA NEPTUNI                    | X         | X |   |
| ERYLUS SPP.                       | X         | X |   |
| CHONDROSIA SPP.                   | X         |   |   |
| DISCODERMIA SP.                   |           | X |   |
| AXINELLA SPP.                     |           | X |   |
| THYROSCYPHUS MARGINATUS           | X         |   |   |
| AGLAOPHENIA ELONGATA              |           |   | X |
| EUNICEA CALYCVLATA                |           |   | X |
| ANEMONE SPP.                      | X         | X |   |
| MADRACIS ASPERULA                 |           | 6 | 2 |
| MADRACIS DECACTIS                 | 3         | 1 | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 29.

| TAXON                               | REPLICATE |   |    |
|-------------------------------------|-----------|---|----|
|                                     | A         | B | C  |
| MADRACIS FORMOSA                    | 4         | 2 | 6  |
| MADRACIS MIRABILIS                  | 1         |   |    |
| AGARICIA SP.                        | 1         |   |    |
| AGARICIA LAMARCKI                   | 2         | 2 | 6  |
| AGARICIA FRAGILIS CONTRACTA         |           | 1 |    |
| AGARICIA FRAGILIS FRAGILIS          | 8         | 2 | 3  |
| AGARICIA AGARICITES                 | 1         | 1 | 1  |
| MANICINA AREOLATA                   | 2         | 1 | 2  |
| MONTASTREA CAVERNOSA                |           | 1 |    |
| SCOLYMIA LACERA                     |           | 1 |    |
| POLYCHAETA                          | X         | X | X  |
| TURBO CAILLETI                      | 1         |   |    |
| VERMICULARIA SPIRATA                |           |   | 2  |
| CERITHIUM ATRATUM                   | 2         |   |    |
| CERITHIUM LITTERATUM SEMIFERRUGINEA | 2         |   |    |
| SILIQURIA SQUAMATA                  | 1         |   | 7  |
| CANTHARUS MULTANGULUS               |           |   | 1  |
| BARBATIA DOMINGENSIS                | 1         |   |    |
| PROCESSA SPP.                       |           |   | 1  |
| PHIMOCHIRUS HOLTHUISI               | 1         |   |    |
| GALATHEA ROSTRATA                   |           |   | 1  |
| PAGURISTES CADENATI                 |           | 1 |    |
| MITHRAX (MITHRAX) ACUTICORNIS       | 2         | 1 | 4  |
| STENORHYNCHUS SETICORNIS            | 1         |   |    |
| MICROPANOPE SCULPTIPES              | 2         |   |    |
| MELYBIA THALAMITA                   |           | 3 | 1  |
| GONODACTYLUS TORUS                  | 1         | 2 | 2  |
| BUGULA NERITINA                     | X         | X |    |
| STYLOPOMA SPONGITES                 | X         | X | X  |
| CELLEPORARIA ALBIROSTRIS            | X         | X |    |
| ARGYROTHECA LUTEA                   | X         |   |    |
| ARGYROTHECA BARRETTIANA             | X         | X |    |
| ASTERINA FOLIUM                     |           | 1 |    |
| PORANIELLA REGULARIS                |           | 1 | 2  |
| OPHIOMYXA FLACCIDA                  | 1         |   |    |
| OPHIOCOMA PUMILA                    |           | 1 |    |
| OPHIOCOMA WENDTI                    | 1         |   |    |
| OPHIOPSILA RIISEI                   | 1         |   |    |
| OPHIONEREIS OLIVACEA                |           |   | 2  |
| OPHIODERMA SP.                      | 1         |   |    |
| OPHIODERMA RUBICUNDUM               | 8         | 5 | 11 |
| OPHIACTIS SAVIGNYI                  |           | 4 |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 29.

| TAXON                             | REPLICATE |   |   |
|-----------------------------------|-----------|---|---|
|                                   | A         | B | C |
| OPHIACTIS MULLERI                 | 6         |   |   |
| EUCIDARIS TRIBULOIDES TRIBULOIDES | 1         |   |   |
| ARBACIA PUNCTULATA                | 2         |   |   |
| THYONE PAWSONI                    | 1         |   |   |
| NEMASTER DISCOIDEA                |           | 2 |   |
| ANALCIDOMETRA ARMATA              |           | 4 |   |
| DISTAPLIA BERMUDENSIS             |           |   | X |
| EUDISTOMA CAPSULATUM              | 1         |   |   |
| DIDEMNUM CANDIDUM                 |           | X |   |
| PYURA SP.                         | 1         |   | 1 |
| PYURA VITTATA                     |           | 1 |   |
| ANARCHIAS YOSHIAE                 |           |   | 1 |
| CHROMIS SCOTTI                    | 1         |   |   |
| EUPOMACENTRUS PARTITUS            |           | 2 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 30.

| TAXON                             | REPLICATE |   |   |
|-----------------------------------|-----------|---|---|
|                                   | A         | B | C |
| CAULERPA TAXIFOLIA                |           |   | X |
| PALMELLACEAE N. SP.               | X         | X | X |
| ANADYOMENE MENZIESII              | X         | X | X |
| PEYSSONNELIA RUBRA                | X         | X | X |
| PEYSSONNELIA SIMULANS             | X         | X | X |
| LEUCETTA ? FLORIDANA              | X         |   | X |
| HYATTELLA INTESTINALIS            |           |   | X |
| IRCINIA STROBILINA                |           | X | X |
| APLYSINA FISTULARIS V. FISTULARIS | X         |   |   |
| HALICLONA COMPRESSA               |           |   | X |
| NIPHATES ERECTA                   |           |   | X |
| ? GELLIUS SPP.                    |           |   | X |
| ? HALICLONA SPP.                  | X         |   |   |
| ADOCIIDAE                         | X         | X | X |
| PELLINA ? CARBONARIA              |           |   | X |
| XESTOSPONGIA SP.                  |           |   | X |
| ? XESTOSPONGIA SP.                | X         | X | X |
| DEMOSPONGEA-POECILOSCLERIDA       |           |   | X |
| AGELAS ? SCEPTUM                  | X         |   | X |
| ? FORCEPIA SP.                    |           |   | X |
| ? HYMEDESMIA SP.                  |           |   | X |
| ? BIEMNA SPP.                     | X         |   | X |
| ? BUBARIS SPP.                    | X         | X | X |
| ? MYXILLIDAE                      | X         | X |   |
| HALICHONDRIA SPP.                 | X         | X | X |
| ? HALICHONDRIA SPP.               |           |   | X |
| ANTHOSIGMELLA SPP.                |           |   | X |
| ? ANTHOSIGMELLA SPP.              |           |   | X |
| LAXOSUBERITES COERULEA            | X         |   |   |
| PLACOSPONGIA MELOBESIOIDES        |           |   | X |
| CLIONA CELATA                     |           |   | X |
| CLIONA SCHMIDTI                   | X         |   |   |
| TETHYA ACTINIA                    |           | X |   |
| EPIPOLASIS SPP.                   |           | X |   |
| ? EPIPOLASIS SPP.                 |           |   | X |
| ? JASPIS SPP.                     |           |   | X |
| DEMOSPONGEA-CHORISTIDA            |           |   | X |
| GEODIA NEPTUNI                    |           | X |   |
| ERYLUS FORMOSUS                   |           | X | X |
| CHONDRILLA NUCULA                 |           | X | X |
| CHONDRILLA ? NUCULA               |           | X | X |
| CHONDROSIA SPP.                   |           |   | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 30.

| TAXON                         | REPLICATE |   |   |
|-------------------------------|-----------|---|---|
|                               | A         | B | C |
| ? PACHASTRELLA SP.            |           | X |   |
| DEMOSPONGEA-LITHISTIDA        |           | X | X |
| DISCODERMIA SP.               |           |   | X |
| DEMOSPONGEA-AXINELLIDA        |           | X |   |
| AXINELLA POLYCAPELLA          |           |   | X |
| AXINELLA SPP.                 | X         | X |   |
| PSEUDAXINELLA LUNAECHARTA     | X         |   |   |
| TEICHAXINELLA SHOEMAKERI      | X         |   |   |
| EUDENDRIUM CARNEUM            | X         | X |   |
| SERTULARELLA SP.              | X         |   | X |
| THYROSCYPHUS MARGINATUS       |           |   | X |
| STYLASTER SP.                 |           |   | X |
| STEPHANOSCPHUS CORNIFORMIS    | X         | X | X |
| TELESTO OPERCULATA            | 1         | 2 |   |
| THESEA SP.                    | X         |   | X |
| CALCIACIS MUTANS              | 2         | X | 2 |
| ELLISELLA ATLANTICA           | X         |   | X |
| MADRACIS FORMOSA              |           |   | 1 |
| MADRACIS MIRABILIS            |           |   | 1 |
| MANICINA AREOLATA             |           |   | 1 |
| POLYCHAETA                    | X         |   | X |
| SILIQVARIA SQUAMATA           |           |   | 1 |
| BARBATIA DOMINGENSIS          |           | 1 |   |
| MALLEUS CANDEANUS             |           | 1 |   |
| ALPHEIDAE                     |           |   | 1 |
| ALPHEUS SP. A                 |           |   | 1 |
| SCYLLARUS DEPRESSUS           |           |   | 1 |
| CORALAXIUS ABELEI             |           |   | 1 |
| PHIMOCHIRUS HOLTHUISI         |           |   | 1 |
| HOMOLA BARBATA                | 1         |   |   |
| OSACHILA TUBEROSA             |           |   | 1 |
| MITHRAX (MITHRAX) ACUTICORNIS | 15        | 4 | 1 |
| PARTHENOPE FRATERCULUS        | 1         |   |   |
| MICROPANOPE SCULPTIPES        | 3         | 5 | 1 |
| MELYBIA THALAMITA             | 3         |   | 5 |
| EUCHIROGRAPSUS AMERICANUS     |           |   | 1 |
| GONODACTYLUS TORUS            | 3         | 2 | 2 |
| STEGANOPORELLA MAGNILABRIS    |           |   | X |
| CIGCLISULA PERTUSA            |           |   | X |
| TETRAPLARIA DICHOTOMA         |           | X |   |
| CELLEPORARIA ALBIROSTRIS      |           |   | X |
| IDMIDRONEA ATLANTICA          |           |   | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- FALL CRUISE, STATION 30.

| TAXON                            | REPLICATE |   |   |
|----------------------------------|-----------|---|---|
|                                  | A         | B | C |
| ARGYROTHECA LUTEA                |           | X | X |
| ARGYROTHECA BARRETTIANA          |           |   | X |
| NARCISSIA TRIGONARIA             |           |   | 1 |
| OPHIOMYXA FLACCIDA               |           | 1 |   |
| OPHIODERMA RUBICUNDUM            | 5         | 6 | 4 |
| OPHIACTIS MULLERI                |           |   | 5 |
| OPHIOTHRIX ANGULATA              | 1         |   |   |
| STYLOCIDARIS AFFINIS             |           |   | 1 |
| LYTECHINUS VARIEGATUS VARIEGATUS |           |   | 1 |
| NEMASTER DISCOIDEA               | 1         |   |   |
| ASCIDIACEA-APLOUSOBRANCHIA       |           |   | X |
| APLIDIUM SP. 2                   | 1         |   | 1 |
| SERRANUS CHIONARIA               |           | 2 |   |
| CHAETODON OCELLATUS              |           | 1 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 01.

| TAXON                       | REPLICATE |   |   |
|-----------------------------|-----------|---|---|
|                             | A         | B | C |
| CODIUM REPENS               | X         |   |   |
| CAULERPA CUPRESSOIDES       |           | X |   |
| AVRAINVILLEA NIGRICANS      | X         |   | X |
| HALIMEDA GRACILIS           | X         |   | X |
| UDOTEA CONGLUTINATA         | X         |   | X |
| UDOTEA CYATHIFORMIS         | X         | X |   |
| UDOTEA FLABELLUM            | X         | X | X |
| OSTREOBIMUM QUEKETTII       |           |   | X |
| PALMELLACEAE N. SP.         | X         |   |   |
| SPHACELARIA SP.             |           |   | X |
| SARGASSUM SP.               | X         | X | X |
| ROSENVINGEA INTRICATA       |           |   | X |
| SOLIERRA TENERA             | X         |   |   |
| GRACILARIA DEBILIS          | X         | X | X |
| WURDEMANNIA MINIATA         | X         |   | X |
| JANIA ADHERENS              | X         | X |   |
| LITHOTHAMNIUM CALCAREUM     | X         | X | X |
| LITHOTHAMNIUM RUPTILE       | X         |   |   |
| RHODYMENIA SP.              | X         |   | X |
| BOTRYOCLADIA OCCIDENTALIS   | X         |   | X |
| LEPTOFAUCHEA RHODYMENIOIDES | X         | X |   |
| SPYRIDIA FILAMENTOSA        |           |   | X |
| LAURENCIA INTRICATA         | X         | X | X |
| LAURENCIA CHONDRIOIDES      | X         | X |   |
| FORAMINIFERIDA              |           | X |   |
| DYSIDEA FRAGILIS            |           | X |   |
| ? DYSIDEA SPP.              |           | X |   |
| AIOLOCHROIA CRASSA          |           |   | X |
| MICROCIONIDAE               |           | X |   |
| OXEOSTILON BURTONI          | X         |   | X |
| ? TIMEA SPP.                | X         |   |   |
| ? SPIRASTRELLA SP.          | X         |   |   |
| PLACOSPONGIA MELOBESIOIDES  | X         |   |   |
| TETHYA SP.                  |           | X | X |
| JASPIS SPP.                 | X         |   |   |
| CINACHYRA ALLOCLADA         | X         | X | X |
| AXINELLA POLYCAPPELLA       | X         |   | X |
| AXINELLA SPP.               | X         | X |   |
| HOMAXINELLA WALTONSMITHI    | X         | X | X |
| HOMAXINELLA RUDIS           |           | X |   |
| HIGGINNSIA STRIGILATA       |           |   | X |
| HEMECTYON ? PEARSEI         | X         | X | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 01.

| TAXON                        | REPLICATE |   |   |
|------------------------------|-----------|---|---|
|                              | A         | B | C |
| THALYSEURYPON SPP.           |           | X | X |
| SERTULARELLA PINNIGERA       |           |   | X |
| DYNAMENA POURTALESI          |           | X |   |
| MONOSTAECHAS QUADRIDENS      | X         | X | X |
| STEPHANOCOENIA MICHELINII    | 2         |   |   |
| SIDERASTREA RADIAANS         | 2         | 1 | 1 |
| CLADOCORA ARBUSCULA          | 1         | 2 | 2 |
| SOLENASTREA HYADES           | 1         | 1 |   |
| PHYLLANGIA AMERICANA         | 1         | 1 | 1 |
| POLYCHAETA                   | X         | X | X |
| DIODORA DYSONI               | 2         |   | 1 |
| TURBO CREMULATUS             |           |   | 1 |
| VERMICULARIA KNORII          |           |   | 2 |
| CERITHIUM EBURNEUM           |           |   | 1 |
| CRUCIBULUM PLANUM            |           |   | 1 |
| XENOPHORA CONCHYLIOPHORA     |           |   | 2 |
| FASCIOLARIA LILIUM TORTUGANA | 1         |   | 1 |
| OLIVA CIRCINATA              |           | 4 | 1 |
| GASTROPODA EGGS              |           | X |   |
| ISCHNOCHITON PURPURASCENS    |           | 1 |   |
| ARCA ZEBRA                   | 4         | 1 |   |
| MODIOLUS AMERICANUS          |           |   | 2 |
| PTERIA ? COLYMBUS            | 1         |   | 1 |
| AEQUIPECTEN MUSCOSUS         |           | 1 |   |
| ARGOPECTEN GIBBUS            | 4         |   |   |
| PAPYRIDEA SOLENIFORMIS       |           |   | 1 |
| AMERICARDIA MEDIA            | 1         |   |   |
| TELLINA LISTERI              |           |   | 1 |
| SEMELE PROFICUA              | 1         |   |   |
| MACROCALLISTA MACULATA       | 1         |   |   |
| CHIONE LATILIRATA            |           |   | 1 |
| CHAMA CONGREGATA             | 1         |   | 1 |
| CHAMA MACEROPHYLLA           | 1         |   |   |
| CEPHALOPODA                  | X         | X |   |
| OCTOPUS JOUBINI              | 1         | 1 |   |
| ANOPLODACTYLUS INSIGNIS      | 4         |   | 1 |
| METAPENAEOPSIS GOODEI        | 1         |   | 1 |
| SICYONIA SP.                 |           | 1 |   |
| SICYONIA TYPICA              | 2         | 2 | 2 |
| ALPHEUS NORMANNI             |           | 1 |   |
| ALPHEUS ARMILLATUS           |           | 1 |   |
| SYNALPHEUS TOWNSENDI         |           | 1 | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 01.

| TAXON                           | REPLICATE |   |   |
|---------------------------------|-----------|---|---|
|                                 | A         | B | C |
| TOZELMA SERRATUM                |           |   | 1 |
| SCYLLARUS AMERICANUS            |           |   | 1 |
| PHIMOCHIRUS HOLTHUISI           | 3         |   |   |
| PAGURISTES HUMMI                | 1         |   |   |
| PAGURISTES SERICEUS             |           | 1 |   |
| DROMIDIA ANTILLENIS             | 2         | 1 | 3 |
| HYPOCONCHA SABULOSA             | 2         |   |   |
| ETHUSA MASCARONE AMERICANA      |           |   | 1 |
| CALAPPA FLAMMEA                 |           | 1 |   |
| CALAPPA ANGUSTA                 |           |   | 1 |
| ILIACANTHA INTERMEDIA           |           | 1 |   |
| MACROCOELOMA CAMPTOCERUM        |           | 1 | 2 |
| METOPORHAPHIS CALCARATA         |           | 1 | 1 |
| MITHRAX (MITHRAX) PLEURACANTHUS | 3         | 3 | 4 |
| MITHRAX (MITHRACULUS) FORCEPS   | 11        | 1 |   |
| PODOCHELA RIISEI                |           | 5 | 3 |
| STENOCIONOPS FURCATA COELATA    | 4         |   |   |
| STENORHYNCHUS SETICORNIS        | 16        |   | 1 |
| PARTHENOPE GRANULATA            | 1         |   |   |
| CALLINECTES SP.                 | 1         |   |   |
| PORTUNUS GIBBESI                |           | 2 | 2 |
| PORTUNUS SPINIMANUS             |           |   | 1 |
| LOBOPILUMNUS AGASSIZI           |           |   | 1 |
| PILUMNUS SAYI                   | 4         |   |   |
| PSEUDOMEDAUS AGASSIZI           | 3         |   |   |
| EURYPLAX NITIDA                 | 1         |   |   |
| PALICUS ALTERNATUS              | 1         |   |   |
| GONODACTYLUS BREDINI            | 5         | 2 | 4 |
| BUGULA NERITINA                 | X         | X |   |
| SCRUPOCELLARIA REGULARIS        | X         |   | X |
| STYLOPOMA SPONGITES             | X         | X | X |
| REPTADEONELLA VIOLACEA          |           | X |   |
| CELLEPORARIA ALBIROSTRIS        |           |   | X |
| CELLEPORARIA MAGNIFICA          | X         |   | X |
| PARASMITTINA NITIDA             | X         |   |   |
| CRISULIPORA ORIENTALIS          | X         | X | X |
| LUIDIA CLATHRATA                |           |   | 1 |
| LUIDIA ALTERNATA                |           |   | 1 |
| ASTROPECTEN DUPLICATUS          |           | 1 | 2 |
| ASTROPECTEN ARTICULATUS         |           | 1 |   |
| ASTROPECTEN COMPTUS             |           | 1 |   |
| ECHINASTER SPINULOSUS           | 3         | 6 | 3 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS).  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 01.

| TAXON                           | REPLICATE |   |   |
|---------------------------------|-----------|---|---|
|                                 | A         | B | C |
| OPHIOLEPIS ELEGANS              | 5         | 3 | 8 |
| OPHIODERMA BREVISPINUM          |           | 1 | 2 |
| OPHIOTHRIX ANGULATA             | 8         |   | 5 |
| ARBACIA PUNCTULATA              | 2         | 2 | 1 |
| LYTECHINUS VARIEGATUS CAROLINUS | 3         | 4 | 9 |
| CLYPEASTER SUBDEPRESSUS         |           | 1 | 1 |
| RHABDOPLEURA COMPACTA           | X         | X | X |
| CYSTODYTES SP. 1                | X         |   |   |
| CLAVELINA SP. 2                 |           |   | X |
| CLAVELINA SP. 1                 | X         | X |   |
| DISTAPLIA BERMUDENSIS           | X         |   | X |
| APLIDIUM PELLUCIDUM             | X         |   |   |
| APLIDIUM BERMUDAEE              |           | X |   |
| APLIDIUM CONSTELLATUM           | X         | X | X |
| APLIDIUM SP. 3                  | X         |   |   |
| DIDEMNUM CANDIDUM               | X         | X | X |
| TRIDIDEMNUM SAVIGNII            |           | X |   |
| TRIDIDEMNUM SP. 1               | X         |   |   |
| RHODOSOMA SP. 1                 |           |   | X |
| STYELA PLICATA                  | X         |   |   |
| OPSANSUS PARDUS                 |           | 1 |   |
| HIPPOCAMPUS ERECTUS             | 2         | 1 |   |
| SCORPAENA BRASILIENSIS          | 1         |   |   |
| SCORPAENA INERMIS               | 1         |   |   |
| SERRANICULUS PUMILIO            |           | 1 |   |
| APOGON STELLATUS                |           |   | 1 |
| PHAEOPTYX PIGMENTARIA           | 1         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS).  
 LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 03.

| TAXON                        | REPLICATE |   |   |
|------------------------------|-----------|---|---|
|                              | A         | B | C |
| HALIMEDA GRACILIS            |           |   | X |
| STRUVEA PULCHERRIMA          |           |   | X |
| CYSTODICTYON PAVONIUM        | X         | X | X |
| JANIA ADHERENS               |           | X |   |
| LITHOTHAMNIUM CALCAREUM      |           | X | X |
| LITHOTHAMNIUM RUPTILE        | X         | X |   |
| MELOBESIA SP.                |           | X |   |
| RHODYMENIA SP.               | X         |   |   |
| LEPTOFAUCHEA RHODYMENIOIDES  | X         | X | X |
| FORAMINIFERIDA               | X         |   | X |
| LEUCETTA SP.                 |           | X |   |
| LEUCETTA ? FLORIDANA         |           |   | X |
| ? LEUCETTA SP.               |           |   | X |
| LEUCOSOLENIA SP.             | X         | X |   |
| ? LEUCOSOLENIA SPP.          | X         | X | X |
| IRCINIA STROBILINA           | X         |   |   |
| ? DYSIDEA SPP.               | X         | X |   |
| APLYSINA FISTULARIS V. FULVA |           | X | X |
| AILOCHROIA CRASSA            | X         |   | X |
| NIPHATES ERECTA              |           | X | X |
| SIPHONODICTYON SIPHONUM      | X         | X | X |
| ? MICROCIONIDAE              |           |   | X |
| HALICHONDRIA ? MELANADOCIA   |           | X |   |
| ? HALICHONDRIA SPP.          |           |   | X |
| DEMOSPONGEA-HADROMERIDA      | X         |   |   |
| SPIRASTRELLA COCCINEA        |           | X |   |
| SPIRASTRELLA ? COCCINEA      |           |   | X |
| SPHECIOSPONGIA VESPARIUM     | X         |   |   |
| ANTHOSIGMELLA VARIANS        | X         |   | X |
| PLACOSPONGIA MELOBESIOIDES   | X         | X | X |
| TETHYA ACTINIA               | X         |   | X |
| EPIPOLASIS SPP.              |           |   | X |
| GEODIA NEPTUNI               |           | X |   |
| GEODIA GIBBEROSA             | X         |   |   |
| CINACHYRA ALLOCLADA          | X         | X | X |
| CHONDRILLA SP.               |           | X |   |
| TEICHAXINELLA MORCHELLA      | X         |   |   |
| LAFOEA FRUTICOSA             |           | X |   |
| SERTULARELLA CONICA          |           |   | X |
| THYROSCYPHUS MARGINATUS      | X         | X | X |
| HALOPTERIS CLARKEI           |           | X | X |
| MONOSTAECHAS QUADRIDENS      |           |   | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 03.

| TAXON                       | REPLICATE |   |   |
|-----------------------------|-----------|---|---|
|                             | A         | B | C |
| SYNTHECIUM TUBITHECLUM      |           | X | X |
| STEPHANOSCYPHUS CORNIFORMIS | X         | X | X |
| TELESTO SANGUINEA           |           | X | X |
| LEPTOGORGIA MEDUSAE         |           |   | X |
| OCULINA TENELLA             |           |   | X |
| POLYCHAETA                  | X         | X | X |
| DIODORA MINUTA              | 3         |   |   |
| LUCAPINA EOLIS              |           | 1 |   |
| CALLIOSTOMA TAMPAENSE       |           |   | 1 |
| VERMICULARIA SPIRATA        |           |   | 1 |
| TURRITELLA ACROPORA         |           | 1 | 1 |
| TURRITELLA EXOLETA          | 1         |   | 4 |
| LANELLARIA SP.              | 1         | 1 |   |
| MUREX ANNIAE                |           | 1 |   |
| MUREX RUBIDUS               |           |   | 1 |
| MURICOPSIS OXYTATA          | 1         |   |   |
| CALOTROPHON ANDREWSI        |           |   | 1 |
| FUSINUS HELENAE             | 1         |   |   |
| VEXILLUM ALBOCINCTUM        | 2         |   |   |
| CONUS DELESSERTII           |           |   | 1 |
| GASTROPODA EGGS             | X         |   | X |
| ATRINA SEMINUDA             | 1         |   |   |
| CHLAMYS BENEDICTI           | 6         | 5 | 2 |
| PECTEN RAVENELI             | 1         |   |   |
| AEQUIPECTEN MUSCOSUS        |           | 1 |   |
| SPONDYLUS AMERICANUS        | 1         |   |   |
| ANOMIA SIMPLEX              |           |   | 1 |
| LIMA PELLUCIDA              | 1         |   |   |
| PAPYRIDEA SOLENIFORMIS      |           | 1 |   |
| AMERICARDIA MEDIA           | 1         |   | 1 |
| CORBULA DIETZIANA           | 1         |   |   |
| GASTROCHAENA HIANIS         |           | 1 |   |
| CHAMA CONGREGATA            | 2         |   |   |
| CHAMA MACEROPHYLLA          |           | 2 | 1 |
| OCTOPUS JOUBINI             | 1         |   | 2 |
| METAPENAEOPSIS GOODEI       | 5         | 2 | 1 |
| SICYONIA BREVIROSTRIS       | 1         | 1 | 1 |
| SOLENOCERA ATLANTIDIS       | 4         |   | 1 |
| ANCHISTIOIDES ANTIGUENSIS   | 1         | 1 |   |
| ALPHEUS NORMANNI            |           | 1 | 1 |
| PROCESSA VICINA             | 1         |   |   |
| STENOPUS SCUTELLATUS        |           |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
 LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 03.

| TAXON                         | REPLICATE |   |    |
|-------------------------------|-----------|---|----|
|                               | A         | B | C  |
| SCYLLARUS CHACEI              | 1         |   |    |
| SCYLLARUS SP. A.              |           |   | 1  |
| PAGURUS BREVIDACTYLUS         | 1         | 1 |    |
| IRIDOPAGURUS CARIBBENSIS      | 1         |   |    |
| MANUCOMPLANUS CORALLINUS      | 2         |   |    |
| PHIMOCHIRUS HOLTHUISI         | 2         | 1 | 3  |
| MUNIDA ANGULATA               | 1         | 1 | 2  |
| MUNIDA PUSILLA                | 1         |   | 22 |
| GALATHEA ROSTRATA             | 1         | 2 | 2  |
| PACHYCHELES RUGIMANUS         | 1         |   |    |
| PORCELLANA SP. A.             |           |   | 1  |
| PAGURISTES SERICEUS           | 4         | 2 |    |
| PETROCHIRUS DIOGENES          | 2         | 2 |    |
| DROMIDIA ANTILLENIS           | 3         | 1 |    |
| CALLIDACTYLUS ASPER           |           | 1 | 1  |
| ILIACANTHA INTERMEDIA         |           |   | 1  |
| ILIACANTHA SPARSA             |           |   | 1  |
| COLLODES TRISPINOSUS          |           |   | 3  |
| MACROCOELOMA SEPTemspinosum   | 1         |   | 2  |
| MITHRAX (MITHRAX) ACUTICORNIS | 4         |   | 2  |
| PODOCHELA GRACILIPES          | 8         | 3 | 3  |
| STENOCIONOPS FURCATA FURCATA  |           | 2 | 3  |
| STENORHYNCHUS SETICORNIS      |           | 7 | 1  |
| PARTHENOPE AGONA              | 6         | 2 |    |
| PARTHENOPE FRATERCULUS        |           |   | 1  |
| PARTHENOPE GRANULATA          |           | 2 |    |
| SOLENOAMBRUS TENELLUS         |           |   | 1  |
| PORTUNUS SPINICARPUS          | 4         | 5 | 3  |
| PORTUNUS SPINIMANUS           |           |   | 2  |
| PORTUNUS ORDWAYI              | 1         | 1 | 1  |
| PILUMNUS FLORIDANUS           |           |   | 1  |
| PALICUS ALTERNATUS            | 4         | 1 | 4  |
| SQUILLA DECEPTRIX             |           | 1 |    |
| GONODACTYLUS BREDINI          |           | 6 |    |
| AMATHIA CF. DISTANS           |           | X | X  |
| STEGANOPORELLA MAGNILABRIS    | X         | X | X  |
| NELLIA OCVLATA                | X         |   | X  |
| BUGULA NERITINA               | X         | X | X  |
| BUGULA CF. FULVA              |           |   | X  |
| CUPULADRIA BIPOROSA           |           | X |    |
| HIPPOMETRALIELLA BISINJATA    | X         | X | X  |
| CIGCLISULA CF. TURRITA        | X         |   |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 03.

| TAXON                       | REPLICATE |   |   |
|-----------------------------|-----------|---|---|
|                             | A         | B | C |
| STYLOPOMA SPONGITES         | X         | X | X |
| RHYNCHOZOOM SPICATUM        |           |   | X |
| RETEPORELLINA EVELINAE      | X         | X | X |
| BRACEBRIDGIA SUBSULCATA     | X         | X | X |
| BUSKEA DICHOTOMA            | X         |   |   |
| CELLEPORARIA ALBIROSTRIS    | X         | X | X |
| CELLEPORARIA MAGNIFICA      | X         |   |   |
| PARASMITTINA SPATHULATA     | X         |   |   |
| IDMIDRONEA ATLANTICA        | X         | X | X |
| ENTALOPHORA PROBOSCIDEOIDES |           | X |   |
| CRISULIPORA ORIENTALIS      | X         |   |   |
| LUIDIA ALTERNATA            | 1         |   |   |
| ASTROPECTEN DUPLICATUS      |           | 5 |   |
| ASTROPECTEN ARTICULATUS     |           |   | 1 |
| ECHINASTER SP.              |           |   | 2 |
| OPHIACTIS ALGICOLA          |           | 1 | 1 |
| OPHIOSTIGMA ISOCANTHA       |           | 1 | 1 |
| OPHIOTHRIX ANGULATA         |           | 6 |   |
| ARBACIA PUNCTULATA          | 3         | 2 | 4 |
| GENOCIDARIS MACULATA        | 3         |   | 1 |
| CLYPEASTER SP.              |           |   | 1 |
| CLYPEASTER SUBDEPRESSUS     |           |   | 1 |
| CLYPEASTER PROSTRATUS       |           |   | 1 |
| ECHINOLAMPAS DEPRESSA       |           |   | 1 |
| CLAVELINA SP.               |           | X |   |
| CLAVELINA PICTA             | X         |   |   |
| CLAVELINA SP. 1             | X         | X | X |
| APLIDIUM EXILE              | X         |   |   |
| DIDEMNUM CANDIDUM           | X         | X | X |
| TRIDIDEMNUM ORBICULATUM     |           | X | X |
| TRIDIDEMNUM SAVIGNII        | X         | X | X |
| TRIDIDEMNUM SP. 2           |           | X |   |
| PYURA VITTATA               | X         | X |   |
| SYNODUS POEYI               |           | 1 |   |
| PORICHTHYS PLECTRODON       |           | 1 |   |
| OGCOEPHALUS DECLIVIROSTRIS  | 1         |   |   |
| UROPHYCIS FLORIDANUS        | 1         |   |   |
| SCORPAENA INERMIS           |           |   | 2 |
| CENTROPRISTIS OCYURUS       | 1         |   |   |
| SERRANUS PHOEBE             | 32        |   |   |
| CHROMIS ENCHRYSURUS         | 1         |   |   |
| MUGIL SP.                   |           |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 03.

| TAXON                | REPLICATE |   |   |
|----------------------|-----------|---|---|
|                      | A         | B | C |
| EMBLEMARIA PIRATULA  |           |   | 1 |
| CORYPHOPTERUS DICRUS | 1         |   |   |
| SYACIUM PAPILLOSUM   |           |   | 2 |
| SPHOEROIDES DORSALIS |           | 1 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 07.

| TAXON                                | REPLICATE |   |   |
|--------------------------------------|-----------|---|---|
|                                      | A         | B | C |
| HALIMEDA GRACILIS                    | X         | X | X |
| UDOTEA CONGLUTINATA                  |           | X |   |
| UDOTEA FLABELLUM                     | X         | X |   |
| LOBOPHORA VARIEGATA                  |           |   | X |
| SARGASSUM SP.                        |           |   | X |
| SARGASSUM VULGARE                    |           | X |   |
| EUCHEUMA ISIFORME V. DENUTATUM       |           | X | X |
| SOLIERRA TENERA                      |           | X |   |
| GRACILARIA DEBILIS                   | X         |   |   |
| LITHOTHAMNIUM SP.                    |           | X |   |
| LITHOTHAMNIUM CALCAREUM              | X         | X | X |
| LITHOTHAMNIUM RUPTILE                |           | X |   |
| RHODYMENIA SP.                       |           | X |   |
| BOTRYOCLADIA OCCIDENTALIS            |           | X | X |
| LEPTOFAUCHEA RHODYMENIOIDES          |           |   | X |
| SPYRIDIA FILAMENTOSA                 |           |   | X |
| LAURENCIA INTRICATA                  | X         | X | X |
| EURYSPONGIA ? ROSEA                  |           |   | X |
| ? DYSIDEA SPP.                       |           | X |   |
| DEMOSPONGEA-KERATOSA-DENDROCRERATIDA | X         |   |   |
| HALICLONA ? MOLITBA                  |           |   | X |
| ? MYCALE SP.                         |           | X |   |
| MICROCIONIDAE                        |           | X |   |
| MICROCIONA SPP.                      |           | X | X |
| MICROCIONA ? SPINOSA                 |           | X |   |
| BIEMNA SPP.                          |           | X |   |
| ? BIEMNA SPP.                        |           | X |   |
| OXEOSTILON BURTONI                   |           | X | X |
| SPIRASTRELLA COCCINEA                |           | X |   |
| TIMEA SP.                            | X         |   |   |
| TIMEA ? MIXTA                        |           |   | X |
| ANTHOSIGMELLA VARIANS                |           |   | X |
| PLACOSPONGIA MELOBESIOIDES           | X         | X | X |
| CLIONA DELITRIX                      |           | X |   |
| CLIONA ? DELITRIX                    |           | X |   |
| TETHYA SP.                           |           |   | X |
| CINACHYRA ALLOCLADA                  | X         | X | X |
| CHONDROSIA SPP.                      |           |   | X |
| AXINELLA POLYCAPELLA                 | X         |   | X |
| AXINELLA SPP.                        | X         | X |   |
| HOMAXINELLA WALTONSMITHI             |           | X | X |
| HOMAXINELLA RUDIS                    |           |   | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 07.

| TAXON                       | REPLICATE |   |   |
|-----------------------------|-----------|---|---|
|                             | A         | B | C |
| PSEUDAXINELLA LUNAECHARTA   |           | X | X |
| PSEUDAXINELLA ROSACEA       |           | X | X |
| ? PHAKELLIA SP.             |           | X |   |
| HIGGINSIA SP.               |           | X |   |
| EURYPONIDAE                 |           |   | X |
| THALYSEURYPON SPP.          |           | X | X |
| ? THALYSEURYPON SP.         |           |   | X |
| EUDENDRIUM EXIMIUM          |           |   | X |
| SERTULARELLA CONICA         |           | X |   |
| DYNAMENA POURTALESII        |           | X |   |
| PLUMULARIA GEMINATA         |           |   | X |
| HALOPTERIS CLARKEI          |           | X |   |
| MONOSTAECCHAS QUADRIDENS    |           |   | X |
| STEPHANOSCYPHUS CORNIFORMIS | X         |   |   |
| TELESTO SANGUINEA           |           |   | X |
| DIOGORGIA NODULIFERA        |           | X | X |
| LOPHOGORGIA HEBES           |           | X |   |
| ANEMONE SPP.                | X         |   |   |
| MADRACIS MIRABILIS          |           |   | 1 |
| SIDERASTREA RADIANIS        |           | 1 | 1 |
| PORITES PORITES DIVARICATA  | X         |   | X |
| MANICINA AREOLATA           |           | 2 |   |
| CLADOCORA ARBUSCULA         |           | 2 |   |
| CLADOCORA ? ARBUSCULA       | X         |   |   |
| SOLENASTREA HYADES          |           | 2 | 1 |
| PHYLLANGIA AMERICANA        |           |   | 5 |
| OCULINA DIFFUSA             |           | X | X |
| SCOLYMIA LACERA             |           | 2 |   |
| ISOPHYLLIA MULTIFLORA       |           | 1 |   |
| POLYCHAETA                  | X         | X | X |
| DIODORA CAYENENSIS          |           | 3 |   |
| TURBO CREMULATUS            | 8         | 9 |   |
| VERMICULARIA KNORII         | 7         | 4 |   |
| TURRITELLA ACROPORA         | 4         | 1 | 2 |
| CERITHIUM EBURNEUM          |           |   | 1 |
| EPITONIIDAE                 |           |   | 1 |
| CIRSOTREMA DALLI            |           |   | 2 |
| CREPIDULA ACULEATA          |           | 1 | 1 |
| XENOPHORA CONCHYLIOPHORA    |           | 1 | 1 |
| CYMATIUM PARTHENOPEUM       |           |   | 1 |
| CHICOREUS FLORIFER          |           |   | 3 |
| MUREX ANNIAE                |           |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 07.

| TAXON                     | REPLICATE |   |   |
|---------------------------|-----------|---|---|
|                           | A         | B | C |
| MUREX RUBIDUS             |           | 4 | 2 |
| FAVARTIA CELLULOSA        |           | 1 |   |
| OLIVA CIRCINATA           | 1         |   |   |
| SPLENDRILLIA MOSERI       |           | 1 |   |
| CONUS FLORIDANUS          |           | 1 |   |
| CONUS JASPEUS             |           |   | 1 |
| GLOSSODORIS EDENTICULATA  |           |   | 1 |
| GASTROPODA EGGS           |           |   | X |
| ISCHNOCHITON PURPURASCENS | 1         |   | 1 |
| ANADARA FLORIDANA         | 1         |   |   |
| MODIOLUS AMERICANUS       |           |   | 1 |
| PECTEN RAVENELI           |           |   | 1 |
| AEQUIPECTEN MUSCOSUS      | 1         |   |   |
| ARGOPECTEN GIBBUS         | 7         | 8 | 2 |
| LAEVICARDIUM PICTUM       | 2         |   |   |
| PAPYRIDEA SOLENIFORMIS    |           | 1 |   |
| SEMELE BELLASTRIATA       | 1         |   | 1 |
| SEMELE PURPURASCENS       | 8         |   |   |
| MACROCALLISTA MACULATA    |           |   | 3 |
| GOULDIA CERINA            | 1         |   |   |
| CHIONE LATILIRATA         | 1         |   | 1 |
| PERIGLYPTA LISTERI        |           |   | 1 |
| GASTROCHAENA HIANIS       |           | 1 |   |
| CHAMA CONGREGATA          |           | 2 |   |
| CHAMA MACEROPHYLLA        |           | 2 |   |
| GRAPTACME SEMISTRIOLATUM  | 2         | 1 |   |
| METAPENAEOPSIS GOODEI     | 2         |   |   |
| SICYONIA TYPICA           |           | 2 |   |
| LEPTOCHELA CARINATA       | 2         |   |   |
| SCYLLARUS AMERICANUS      |           | 2 | 1 |
| PAGURUS BREVIDACTYLUS     |           |   | 1 |
| MANUCOMPLANUS CORALLINUS  |           |   | 1 |
| PHIMOCHIRUS HOLTHUISI     | 1         | 4 |   |
| PAGURISTES HUMMI          |           | 1 |   |
| PAGURISTES SERICEUS       |           | 2 | 3 |
| PETROCHIRUS DIOGENES      |           |   | 2 |
| DROMIDIA ANTILLENIS       |           | 1 | 1 |
| HYPOCONCHA SABULOSA       |           | 1 | 1 |
| CALAPPA FLAMMEA           | 2         |   |   |
| ILIACANTHA INTERMEDIA     |           |   | 1 |
| SYMETHIS VARIOLOSA        |           |   | 1 |
| COLLODES TRISPINOSUS      |           | 2 | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
 LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 07.

| TAXON                            | REPLICATE |   |   |
|----------------------------------|-----------|---|---|
|                                  | A         | B | C |
| MACROCOELOMA TRISPINOSUM NODIPES |           |   | 1 |
| MITHRAX (MITHRAX) PLEURACANTHUS  | 1         |   |   |
| MITHRAX (MITHRACULUS) FORCEPS    |           | 5 |   |
| PODOCHELA RIISEI                 |           | 1 | 1 |
| STENOCIONOPS FURCATA FURCATA     | 1         |   |   |
| BATRACHONOTUS FRAGOSUS           | 1         |   |   |
| PARTHENOPE GRANULATA             |           | 2 | 6 |
| PORTUNUS SPINICARPUS             | 1         |   |   |
| PORTUNUS ORDWAYI                 |           | 1 | 3 |
| MICROPANOPE LAEVIMANUS           | 1         |   |   |
| PILUMNUS FLORIDANUS              |           | 1 | 1 |
| PILUMNUS SAYI                    |           | 4 |   |
| PSEUDOMEDAELUS AGASSIZI          |           | 5 |   |
| PANOPE CF. TURGIDUS              | 1         |   |   |
| EURYPLAX NITIDA                  | 1         |   |   |
| PALICUS ALTERNATUS               |           | 4 | 1 |
| GONODACTYLUS BREDINI             |           |   | 2 |
| PHASCOLION STROMBI               |           |   | X |
| SCRUPOCELLARIA REGULARIS         |           | X |   |
| CIGCLISULA CF. TURRITA           | X         | X | X |
| STYLOPOMA SPONGITES              | X         | X |   |
| HIPPOPORIDRA EDAX                |           |   | X |
| HIPPALIOSINA ROSTRIGERA          |           | X |   |
| CELLEPORARIA ALBIROSTRIS         |           | X | X |
| ENTALOPHORA PROBOSCIDEOIDES      |           | X | X |
| LUIDIA ALTERNATA                 |           |   | 2 |
| ECHINASTER SP.                   | 1         |   | 2 |
| OPHIOLEPIS ELEGANS               | 10        | 3 | 4 |
| OPHIODERMA BREVICAUDUM           | 1         |   |   |
| OPHIOTHRIX ANGULATA              | 1         | 6 |   |
| ARBACIA PUNCTULATA               | 17        | 8 |   |
| LYTECHINUS VARIEGATUS CAROLINUS  | 20        | 2 |   |
| CLYPEASTER SUBDEPRESSUS          |           |   | 2 |
| ENCOPE ABERRANS                  | 1         |   | 9 |
| ISOSTICHOPUS BADIONOTUS          | 1         |   |   |
| RHABDOPLEURA COMPACTA            |           | X | X |
| CLAVELINA GIGANTEA               |           | X |   |
| CLAVELINA PICTA                  |           |   | X |
| CLAVELINA SP. 2                  |           |   | X |
| DIDEMNUM CANDIDUM                |           | X | X |
| POLYCARPA OBTECTA                | X         |   | X |
| BRANCHIOSTOMA SP.                | 50        |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
 LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 07.

| TAXON                  | REPLICATE |   |   |
|------------------------|-----------|---|---|
|                        | A         | B | C |
| OPHIDION SP.           | 1         |   |   |
| HIPPOCAMPUS ERECTUS    | 1         |   |   |
| SCORPAENA BRASILIENSIS | 1         |   |   |
| SCORPAENA CALCARATA    |           |   | 1 |
| PRIONOTUS MARTIS       |           | 1 |   |
| RYPTICUS BISTRISPINUS  |           | 2 |   |
| CITHARICHTHYS MACROPS  | 1         |   |   |
| MONACANTHUS CILIATUS   |           | 1 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
 LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 09.

| TAXON                      | REPLICATE |   |   |
|----------------------------|-----------|---|---|
|                            | A         | B | C |
| -----                      |           |   |   |
| CODIUM ISTHMOCLADUM        | X         |   |   |
| HALIMEDA GRACILIS          | X         | X | X |
| UDOTEA CONGLUTINATA        |           | X | X |
| UDOTEA CYATHIFORMIS        | X         |   |   |
| LOBOPHORA VARIEGATA        | X         |   |   |
| PEYSSONNELIA RUBRA         | X         |   |   |
| PEYSSONNELIA SIMULANS      |           | X |   |
| LITHOTHAMNIUM CALCAREUM    | X         | X | X |
| LEUCETTA SP.               | X         |   |   |
| LEUCOSOLENIA SP.           |           | X |   |
| ? LEUCOSOLENIA SPP.        | X         |   | X |
| ? HYRTIOS SP.              |           |   | X |
| EURYSPONGIA ? ROSEA        |           |   | X |
| ? DYSIDEA SPP.             |           |   | X |
| HALICLONA ? MOLITBA        | X         |   |   |
| ACARNUS SP.                | X         |   |   |
| LISSODENDORYX SP.          |           |   | X |
| ? LISSODENDORYX SP.        |           | X |   |
| MICROCIONA SPP.            |           |   | X |
| ? BIEMNA SPP.              |           | X |   |
| BUBARIS SPP.               |           | X |   |
| TETHYA ACTINIA             |           |   | X |
| AXINELLA POLYCAPELLA       |           | X |   |
| AXINELLA SPP.              |           | X |   |
| LAFOEA FRUTICOSA           |           |   | X |
| THYROSCYPHUS MARGINATUS    | X         |   | X |
| AGLAOPHENIA ELONGATA       | X         | X | X |
| HALOPTERIS CLARKEI         | X         |   |   |
| MONOSTAECHAS QUADRIDENS    | X         |   |   |
| SYNTHECIUM TUBITHECUM      |           | X | X |
| STEPHANOSYPHUS CORNIFORMIS | X         | X |   |
| LEPTOGORGIA STHENO         | X         |   |   |
| MADRACIS ASPERULA          |           | X | X |
| OCULINA TENELLA            | X         |   |   |
| POLYCHAETA                 | X         | X | X |
| CALLIOSTOMA TAMPAENSE      | 2         |   |   |
| VERMICULARIA SPIRATA       |           |   | 1 |
| TURRITELLA ACROPORA        | 2         |   |   |
| TURRITELLA EXOLETA         | 5         |   | 2 |
| CYPRAEA SPURCA ACICULARIS  |           |   | 1 |
| FICUS CAROLAE              |           | 1 |   |
| MUREX BELLEGLADENSIS       | 1         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 09.

| TAXON                      | REPLICATE |   |   |
|----------------------------|-----------|---|---|
|                            | A         | B | C |
| MUREX RUBIDUS              | 1         |   |   |
| FUSINUS EUCOSMIUS          |           |   | 2 |
| FUSINUS TIMESSUS           |           |   | 1 |
| POLYSTIRA ALBIDA           |           | 1 |   |
| CONUS STIMPSONI            | 1         | 1 |   |
| CONUS RAINESAE             |           |   | 1 |
| PLEUROBRANCHAEA HEDGPETHI  |           | 1 |   |
| AMYGDALUM SAGITTATUM       | 1         |   |   |
| CHLAMYS BENEDICTI          | 6         |   | 1 |
| PECTEN RAVENELI            | 1         | 1 | 3 |
| AEQUIPECTEN MUSCOSUS       | 2         | 1 | 2 |
| ARGOPECTEN GIBBUS          |           |   | 1 |
| LIMA PELLUCIDA             |           | 1 |   |
| DIPLODONTA SP.             | 1         |   |   |
| EUCRASSATELLA SPECIOSA     | 4         |   |   |
| NEMOCARDIUM TINCTUM        | 2         |   |   |
| LAEVICARDIUM PICTUM        | 6         | 1 |   |
| TRACHYCARDIUM EGMONTIANUM  |           | 1 |   |
| PAPYRIDEA SOLENIFORMIS     |           |   | 1 |
| SEMELE BELLASTRATA         |           |   | 1 |
| CHIONE LATILIRATA          | 3         |   |   |
| ANTALIS ANTILLARUM         | 1         |   |   |
| SEMIROSSIA EQUALIS         | 1         |   |   |
| OCTOPUS JOUBINI            |           |   | 2 |
| OCTOPUS VULGARIS           | 2         |   |   |
| PALLENOPSIS SCHMITTI       | 2         | 1 |   |
| DICEROSCALPELLUM ARIETINUM | 3         |   |   |
| SOLENCERA ATLANTIDIS       |           | 1 |   |
| MESOPENAEUS TROPICALIS     |           | 1 |   |
| LEPTOCHELA CARINATA        |           |   | 1 |
| ALPHEUS SP.                | 1         |   |   |
| SYNALPHEUS TOWNSENDI       | 1         |   |   |
| SCYLLARUS CHACEI           | 4         | 2 | 1 |
| MANUCOMPLANUS CORALLINUS   | 2         |   |   |
| PHINOCIRUS HOLTHUISI       | 2         |   |   |
| MUNIDA ANGULATA            | 10        |   |   |
| MUNIDA PUSILLA             | 21        | 2 | 1 |
| GALATHEA ROSTRATA          | 3         |   |   |
| PAGURISTES SERICEUS        | 4         |   |   |
| DROMIDIA ANTILLENIS        | 3         |   |   |
| HYPOCONCHA SPINOSISSIMA    | 1         |   | 1 |
| ETHUSA MASCARONE AMERICANA | 5         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 09.

| TAXON                         | REPLICATE |   |   |
|-------------------------------|-----------|---|---|
|                               | A         | B | C |
| CALAPPA FLAMMEA               |           |   | 1 |
| OSACHILA SEMILEVIS            | 1         |   | 1 |
| CALLIDACTYLUS ASPER           | 5         |   |   |
| LITHADIA GRANULOSA            | 1         |   |   |
| ILIACANTHA INTERMEDIA         | 1         |   |   |
| ILIACANTHA SPARSA             | 2         |   | 1 |
| RANILIA MURICATA              | 1         |   | 1 |
| SYMETHIS VARIOLOSA            | 1         |   | 2 |
| COLLODES TRISPINOSUS          | 3         |   |   |
| ARACHNOPSIS FILIPES           | 1         |   |   |
| MITHRAX (MITHRAX) ACUTICORNIS | 1         |   |   |
| PODOCHELA GRACILIPES          | 1         |   |   |
| PODOCHELA LAMELLIGERA         | 1         |   |   |
| STENOCIONOPS FURCATA FURCATA  | 1         |   |   |
| PARTHENOPE AGONA              | 8         |   |   |
| MESORHOEA SEXSPINOSA          | 1         |   |   |
| CRYPTOPODIA CONCAVA           | 1         |   |   |
| PORTUNUS SPINIMANUS           | 1         |   |   |
| CARPOPORUS PAPULOSUS          | 4         | 1 | 2 |
| MICROPANOPE SCULPTIPES        | 2         |   |   |
| MICROPANOPE SP. A             | 5         |   |   |
| MELYBIA THALAMITA             | 1         |   |   |
| PILUMNUS FLORIDANUS           |           |   | 1 |
| PANOPE CF. TURGIDUS           | 1         |   |   |
| PALICUS AFFINIS               | 2         |   |   |
| PALICUS ALTERNATUS            | 3         |   |   |
| SQUILLA DECEPTRIX             |           | 2 |   |
| MEIOSQUILLA QUADRIDENS        | 1         |   |   |
| AMATHIA CONVOLUTA             | X         |   |   |
| STEGANOPORELLA MAGNILABRIS    | X         | X | X |
| CELLARIA IRREGULARIS          | X         | X | X |
| NELLIA OCULATA                |           | X |   |
| HIPPOMETRALIELLA BISINUATA    | X         | X | X |
| STYLOPOMA SPONGITES           | X         | X | X |
| HIPPOPORIDRA EDAX             |           |   | X |
| BRACEBRIDGIA SUBSULCATA       | X         |   |   |
| CELLEPORARIA ALBIROSTRIS      |           |   | X |
| PARASMITTINA SPATHULATA       |           |   | X |
| IDMIDRONEA ATLANTICA          | X         | X |   |
| ENTALOPHORA PROBOSCIDEOIDES   | X         |   |   |
| CRISIA ELONGATA               | X         |   |   |
| ARGYROTHECA LUTEA             | X         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 09.

| TAXON                             | REPLICATE |   |    |
|-----------------------------------|-----------|---|----|
|                                   | A         | B | C  |
| ASTROPECTEN DUPLICATUS            |           | 2 |    |
| ASTROPECTEN ARTICULATUS           | 4         | 1 |    |
| TOSIA PARVA                       |           |   | 1  |
| ECHINASTER SP.                    |           |   | 1  |
| OPHIOMYXA FLACCIDA                | 2         | 2 | 6  |
| OPHIOLEPIS ELEGANS                | 28        | 6 | 14 |
| OPHIODERMA BREVISPINUM            | 2         | 1 | 1  |
| OPHIODERMA BREVICAUDUM            |           | 1 |    |
| OPHIODERMA APPRESSUM              |           |   | 1  |
| OPHIOSTIGMA ISOCANTHA             | 1         | 1 |    |
| OPHIOTHRIX ANGULATA               |           |   | 1  |
| EUCIDARIS TRIBULOIDES TRIBULOIDES | 1         |   | 4  |
| GENOCIDARIS MACULATA              | 3         | 1 | 2  |
| LYTECHINUS VARIEGATUS CAROLINUS   |           | 1 | 1  |
| CLYPEASTER SUBDEPRESSUS           | 2         |   |    |
| CLYPEASTER PROSTRATUS             |           | 2 |    |
| ENCOPE ABERRANS                   |           | 1 | 2  |
| ECHINOLAMPAS DEPRESSA             | 6         |   |    |
| APLIDIUM EXILE                    |           |   | X  |
| DIDEMNUM CANDIDUM                 | X         |   | X  |
| POLYCARPA OBTECTA                 | X         | X | X  |
| TRACHINOCEPHALUS MYOPS            |           | 1 |    |
| HALIEUTICHTHYS ACULEATUS          |           |   | 1  |
| SCORPAENA INERMIS                 |           | 2 |    |
| PRIONOTUS ROSEUS                  |           |   | 1  |
| RYPTICUS BISTRISPINUS             | 1         |   |    |
| KATHETOSTOMA ALBIGUTTA            |           |   | 1  |
| EMBLEMARIA PIRATULA               | 1         |   | 1  |
| CHAENOPSIS ROSEOLA                |           |   | 1  |
| CORYPHOPTERUS DICRUS              | 1         |   |    |
| CHRIOLEPIS N. SP.                 | 1         |   |    |
| MONACANTHUS CILIATUS              | 1         |   |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 10.

| TAXON                               | REPLICATE |   |   |
|-------------------------------------|-----------|---|---|
|                                     | A         | B | C |
| CAULERPA SERTULARIOIDES             | X         |   |   |
| HALIMEDA GRACILIS                   | X         |   | X |
| STRUVEA PULCHERRIMA                 | X         |   |   |
| PEYSSONNELIA RUBRA                  | X         | X | X |
| LITHOTHAMNIUM CALCAREUM             | X         | X |   |
| LITHOTHAMNIUM RUPTILE               | X         | X | X |
| MELOBESIA SP.                       |           | X |   |
| CRYPTONEMIAEAE                      |           | X |   |
| MARIPELTA ATLANTICA                 |           |   | X |
| LEUCOSOLENIA SP.                    | X         |   | X |
| DEMOSPONGEA                         |           | X | X |
| HYATTELLA INTESTINALIS              |           | X | X |
| IRCINIA STROBILINA                  |           | X | X |
| DYSIDEA SPP.                        |           | X |   |
| ? DYSIDEA SPP.                      |           | X | X |
| APLYSINA FISTULARIS V. FULVA        |           | X |   |
| DEMOSPONGEA-KERATOSA-DENDROCERATIDA |           | X |   |
| ? NEPHELIOSPONGIIDAE                | X         |   | X |
| DEMOSPONGEA-POECILOSCLERIDA         |           |   | X |
| NEOFIBULARIA NOLITANGERE            |           | X |   |
| ? FORCEPIA SP.                      | X         | X | X |
| ? MICROCIONA SP.                    | X         |   |   |
| ? BUBARIS SPP.                      | X         |   | X |
| SPIRASTRELLA ? COCCINEA             |           | X | X |
| ANTHOSIGMELLA VARIANS               | X         |   |   |
| PLACOSPONGIA MELOBESIOIDES          |           | X | X |
| CLIONA SCHMIDTI                     |           | X | X |
| EPIPOLASIS SPP.                     |           | X | X |
| JASPIS SPP.                         |           | X | X |
| GEODIA NEPTUNI                      |           | X | X |
| GEODIA GIBBEROSA                    | X         | X |   |
| GEODIA ? GIBBEROSA                  |           |   | X |
| GEODIA ? NEPTUNI                    |           |   | X |
| ERYLUS FORMOSUS                     |           | X | X |
| ERYLUS SPP.                         |           |   | X |
| ? ERYLUS SPP.                       |           |   | X |
| CINACHYRA ALLOCLADA                 |           | X |   |
| CHONDROSIA SPP.                     |           |   | X |
| ? PLAKINASTRELLA SP.                |           |   | X |
| DEMOSPONGEA-LITHISTIDA              |           |   | X |
| DISCODERMIA SP.                     | X         |   |   |
| CRYPTOLARIA PECTINATA               |           |   | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 10.

| TAXON                       | REPLICATE |   |   |
|-----------------------------|-----------|---|---|
|                             | A         | B | C |
| SERTULARELLA PINNIGERA      | X         |   |   |
| DYNAMENA CORNICINA          | X         |   |   |
| AGLAOPHENIA ELONGATA        | X         | X | X |
| HALOPTERIS CLARKEI          |           | X |   |
| MONOSTAECIAS QUADRIDENS     |           | X |   |
| SYNTHECIUM TUBITHECUM       |           | X | X |
| STEPHANOSCYPHUS CORNIFORMIS | X         | X | X |
| TELESTO SANGUINEA           | X         |   |   |
| THESEA PARVIFLORA           | X         |   |   |
| ELLISELLA ATLANTICA         |           |   | X |
| MADRACIS ASPERULA           | X         | X |   |
| POLYCHAETA                  | X         | X | X |
| TURBO SP.                   |           | 1 |   |
| TURBO CREMULATUS            |           | 1 |   |
| VERMICULARIA SPIRATA        |           | 1 |   |
| VERMICULARIA KNORII         |           |   | 1 |
| SERPULORBIS DECUSSATUS      | 1         |   |   |
| SILIQUARIA SQUAMATA         |           |   | 3 |
| CHICOREUS N. SP. 1          | 1         |   |   |
| GASTROPODA EGGS             | X         |   |   |
| BARBATIA CANDIDA            |           |   | 1 |
| PECTEN ZICZAC               | 10        | 1 |   |
| ARGOPECTEN GIBBUS           | 1         |   |   |
| CORBULA DIETZIANA           |           |   | 1 |
| TRACHYPENAEUS CONSTRICTUS   |           |   | 1 |
| METAPENAEOPSIS GOODEI       |           |   | 1 |
| SYNALPHEUS PANDIONIS        | 1         |   |   |
| SYNALPHEUS TOWNSENDI        | 1         |   |   |
| PROCESSA SPP.               | 1         |   |   |
| SCYLLARUS DEPRESSUS         | 1         |   | 2 |
| SCYLLARUS CHACEI            | 1         | 1 |   |
| PHINOCIRUS HOLTHUISI        | 1         | 1 | 1 |
| AGARICOCIRUS BOLETIFER      | 1         |   |   |
| MUNIDA PUSILLA              | 10        |   |   |
| GALATHEA ROSTRATA           | 2         |   |   |
| DARDANUS INSIGNIS           | 1         | 1 | 1 |
| CANCELLUS ORNATUS           | 1         |   |   |
| DROMIDIA ANTILLENIS         |           | 1 |   |
| CALAPPA ANGUSTA             | 1         |   |   |
| CALAPPA GALLUS              | 1         |   |   |
| OSACHILA TUBEROSA           | 2         | 2 | 4 |
| LITHADIA CADAVEROSA         | 1         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 10.

| TAXON                             | REPLICATE |   |   |
|-----------------------------------|-----------|---|---|
|                                   | A         | B | C |
| MACROCOELOMA SEPTemspinosum       | 1         | 1 |   |
| MITHRAX (MITHRAX) ACUTICORNIS     |           | 1 |   |
| STENORHYNCHUS SETICORNIS          | 1         |   |   |
| PARTHENOPE FRATERCULUS            | 2         |   |   |
| PORTUNUS SPINICARPUS              | 4         |   |   |
| PORTUNUS ORDWAYI                  | 1         |   |   |
| CARPOPORUS PAPULOSUS              | 1         | 1 | 1 |
| MICROPANOPE SCULPTIPES            | 4         |   |   |
| MICROPANOPE SP. A                 | 1         |   |   |
| PSEUDOMEDAUS DISTINCTUS           |           | 1 |   |
| EUCHIROGRAPUS AMERICANUS          |           | 1 |   |
| PALICUS AFFINIS                   | 6         |   |   |
| GONODACTYLUS TORUS                | 1         | 4 |   |
| STEGANOPORELLA MAGNILABRIS        | X         |   |   |
| CELLARIA IRREGULARIS              | X         |   | X |
| BUGULA NERITINA                   | X         |   |   |
| CIGCLISULA PERTUSA                | X         |   |   |
| STYLOPOMA SPONGITES               |           | X |   |
| HIPPOPORIDRA EDAX                 | X         |   |   |
| REPTADEONELLA VIOLACEA            | X         |   | X |
| CELLEPORARIA ALBIROSTRIS          |           | X |   |
| CELLEPORARIA MAGNIFICA            |           | X |   |
| IDMIDRONEA ATLANTICA              |           | X | X |
| CRISIA EBURNEA                    |           |   | X |
| LUIDIA SAGAMINA                   |           |   | 1 |
| CERAMASTER GRENADENSIS            | 1         |   |   |
| TOSIA PARVA                       |           | 1 | 2 |
| NARCISSIA TRIGONARIA              |           | 2 |   |
| PORANIELLA REGULARIS              |           | 3 |   |
| ECHINASTER MODESTUS               |           | 1 |   |
| OPHIOMYXA FLACCIDA                |           | 4 | 5 |
| OPHIOLEPIS ELEGANS                | 2         |   |   |
| OPHIODERMA RUBICUNDUM             |           |   | 2 |
| OPHIODERMA APPRESSUM              |           | 1 |   |
| OPHIODERMA SP. 1                  |           | 2 |   |
| OPHIOSTIGMA ISOCANTHA             |           |   | 1 |
| OPHIOTHRIX ANGULATA               | 5         | 7 | 6 |
| EUCIDARIS TRIBULOIDES TRIBULOIDES | 1         |   | 1 |
| STYLOCIDARIS AFFINIS              | 3         | 4 | 5 |
| ARBACIA PUNCTULATA                | 1         |   |   |
| EUDISTOMA SP. 1                   |           |   | X |
| DIDEMNUM CANDIDUM                 | X         | X | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 10.

| TAXON                    | REPLICATE |   |   |
|--------------------------|-----------|---|---|
|                          | A         | B | C |
| TRIDIDEMNUM SAVIGNII     |           |   | X |
| POLYANDROCARPA FLORIDANA |           |   | X |
| ANARCHIAS YOSHIAE        | 1         |   |   |
| HIPPOCAMPUS ERECTUS      | 1         |   |   |
| RYPTICUS BISTRISPINUS    |           |   | 1 |
| VARICUS MARILYNAE        | 2         |   |   |

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TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 11.

| TAXON                      | REPLICATE |   |   |
|----------------------------|-----------|---|---|
|                            | A         | B | C |
| HALIMEDA GRACILIS          | X         | X | X |
| UDOTEA CYATHIFORMIS        |           | X |   |
| PEYSSONNELIA RUBRA         |           | X |   |
| LITHOTHAMNIUM CALCAREUM    | X         | X | X |
| LITHOTHAMNIUM RUPTILE      | X         | X | X |
| CRYPTONEMIACEAE            | X         | X | X |
| HALYMENIA BERMUDENSIS      | X         |   |   |
| RHODYMENIA SP.             | X         |   |   |
| MARIPELTA ATLANTICA        | X         |   | X |
| APOGLOSSUM RUSCIFOLIUM     | X         |   |   |
| LEUCETTA SP.               |           |   | X |
| LEUCETTA ? FLORIDANA       | X         |   |   |
| DEMOSPONGEA                |           |   | X |
| IRGINIA STROBILINA         | X         | X |   |
| IRGINIA FELIX              |           | X |   |
| ? HYRTIOS SP.              | X         |   |   |
| DYSIDEA SPP.               | X         |   |   |
| ? DYSIDEA SPP.             |           | X | X |
| ? GELLIUS SPP.             |           |   | X |
| NEPHELIOSPONGIIDAE         |           | X |   |
| ? NEPHELIOSPONGIIDAE       | X         | X | X |
| MYCALE SP.                 | X         |   | X |
| NEOFIBULARIA NOLITANGERE   |           |   | X |
| ? MYCALE SP.               |           | X | X |
| LISSODENDORYX SP.          |           |   | X |
| ? FORCEPIA SP.             |           | X |   |
| MICROCIONA SPP.            | X         |   |   |
| BIEMNA SPP.                |           | X |   |
| ? BIEMNA SPP.              | X         |   |   |
| HALICHONDRIA SPP.          |           | X |   |
| TIMEA SP.                  |           | X |   |
| ? SPHECIOSPONGIA SP.       |           | X |   |
| PLACOSPONGIA MELOBESIOIDES | X         | X |   |
| TETHYA SP.                 | X         | X | X |
| ? TETHYA SP.               |           | X |   |
| EPIPOLASIS SPP.            |           | X |   |
| SCOLOPES MEGASTRA          | X         |   |   |
| JASPIS SPP.                | X         | X |   |
| ? JASPIS SPP.              | X         |   |   |
| ? COPPATIIDAE              | X         |   | X |
| MYRIASTRA SPP.             | X         |   |   |
| ? STOEBA SP.               | X         |   |   |

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TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 11.

| TAXON                      | REPLICATE |   |   |
|----------------------------|-----------|---|---|
|                            | A         | B | C |
| GEODIA NEPTUNI             | X         | X | X |
| GEODIA GIBBEROSA           |           |   | X |
| GEODIA ? GIBBEROSA         | X         |   |   |
| GEODIA ? NEPTUNI           | X         | X |   |
| ERYLUS SPP.                | X         |   |   |
| ? ERYLUS SPP.              | X         |   |   |
| CINACHYRA ALLOCLADA        | X         | X | X |
| ? ANCORINIDAE              | X         |   | X |
| PLAKINIDAE                 |           | X |   |
| ? PLAKINASTRELLA SP.       |           | X |   |
| DEMOSPONGEA-LITHISTIDA     | X         |   |   |
| DISCODERMIA SP.            | X         | X |   |
| TEICHAXINELLA SHOEMAKERI   |           |   | X |
| ENDECTYON SP.              | X         |   | X |
| LAFOEA FRUTICOSA           |           |   | X |
| ACRYPTOLARIA CONFERTA      | X         | X | X |
| PLUMULARIA NIGRA           | X         |   |   |
| AGLAOPHENIA ELONGATA       |           |   | X |
| STEPHANOSCPHUS CORNIFORMIS | X         | X | X |
| TELESTO SANGUINEA          |           | X |   |
| THESEA PARVIFLORA          | X         |   | X |
| LOPHOGORGIA CARDINALIS     | X         |   |   |
| ELLISELLA ATLANTICA        | X         | X | X |
| MADRACIS ASPERULA          |           | X | X |
| POLYCHAETA                 | X         |   | X |
| VERMICULARIA SPIRATA       | 4         |   | 3 |
| TURRITELLA ACROPORA        | 1         |   | 1 |
| TURRITELLA EXOLETA         | 2         | 1 | 1 |
| XENOPHORA CONCHYLIOPHORA   |           |   | 1 |
| CYMATIUM PHARCIDIUM        | 1         |   |   |
| MUREX BELLEGLADENSIS       |           |   | 1 |
| OLIVELLA WATERMANI         |           | 2 |   |
| MARGINELLA HEMATITA        |           | 1 |   |
| HYALINA AVENA              |           | 1 |   |
| SPLENDRILLIA N. SP.        | 1         | 2 |   |
| SPLENDRILLIA MOSERI        |           |   | 1 |
| CONUS STIMPSONI            | 1         |   | 2 |
| GASTROPODA EGGS            |           |   | X |
| CHLAMYS BENEDICTI          |           | 1 | 1 |
| PLICATULA GIBBOSA          |           | 1 |   |
| NEMOCARDIUM PERAMABILE     | 1         |   |   |
| PITAR FULMINATUS           | 1         |   |   |

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TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 11.

| TAXON                         | REPLICATE |    |   |
|-------------------------------|-----------|----|---|
|                               | A         | B  | C |
| CHAMA CONGREGATA              |           | 1  |   |
| DENTALIUM LAQUEATUM           |           | 1  |   |
| SEMIROSSIA EQUALIS            |           |    | 1 |
| OCTOPUS ? VULGARIS            |           | 1  |   |
| PALLENOPSIS SCHMITTI          | 2         |    |   |
| SOLENOCERA ATLANTIDIS         |           | 1  |   |
| SYNALPHEUS GOODEI             |           | 2  |   |
| SYNALPHEUS PANDIONIS          |           | 2  |   |
| SYNALPHEUS TOWNSENDI          | 1         |    | 1 |
| SCYLLARUS DEPRESSUS           | 2         | 3  |   |
| MANUCOMPLANUS CORALLINUS      |           |    | 1 |
| AGARICOCHEIRUS BOLETIFER      | 3         |    | 2 |
| PYLOPAGURUS DISCOIDALIS       |           | 1  |   |
| SOLENOPAGURUS LINEATUS        | 2         |    | 1 |
| MUNIDA PUSILLA                | 5         | 8  | 4 |
| DARDANUS INSIGNIS             | 1         |    |   |
| PAGURISTES HERNANCORTEZI      | 1         | 1  | 1 |
| PAGURISTES TRIANGULATUS       | 1         |    |   |
| DROMIDIA ANTILLENIS           | 1         |    |   |
| CALAPPA ANGUSTA               |           | 2  |   |
| OSACHILA TUBEROSA             | 3         | 3  | 6 |
| MYROPSIS QUINQUESPINOSA       | 1         |    |   |
| LITHADIA GRANULOSA            | 2         | 1  |   |
| ILIACANTHA SUBGLOBOSA         |           |    | 1 |
| ARACHNOPSIS FILIPES           | 1         |    |   |
| MITHRAX (MITHRAX) ACUTICORNIS |           | 1  |   |
| PODOCHELA LAMELLIGERA         | 1         |    |   |
| STENOCIONOPS FURCATA FURCATA  |           | 1  |   |
| STENORHYNCHUS SETICORNIS      | 1         | 2  |   |
| PARTHENOPE FRATERCULUS        | 2         | 4  | 1 |
| SOLENOLAMBRUS TENELLUS        | 1         |    |   |
| PORTUNUS SPINICARPUS          |           | 3  | 1 |
| CARPOPORUS PAPULOSUS          |           | 1  | 1 |
| MICROPANOPE SCULPTIPES        | 12        | 21 | 4 |
| NANOPLAX XANTHIFORMIS         | 1         | 1  |   |
| PALICUS AFFINIS               | 1         | 2  | 3 |
| PALICUS FAXONI                |           |    | 1 |
| PALICUS CF. FLORIDANUS        |           |    | 1 |
| AMATHIA CF. DISTANS           |           | X  | X |
| STEGANOPORELLA MAGNILABRIS    |           |    | X |
| CELLARIA IRREGULARIS          |           | X  |   |
| BUGULA NERITINA               | X         | X  | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 11.

| TAXON                             | REPLICATE |    |    |
|-----------------------------------|-----------|----|----|
|                                   | A         | B  | C  |
| CIGCLISULA PERTUSA                | X         | X  |    |
| STYLOPOMA SPONGITES               | X         |    | X  |
| HIPPOPORIDRA EDAX                 |           |    | X  |
| CLEIDOCHASMA PORCELLANUM          |           |    | X  |
| REPTADEONELLA VIOLACEA            | X         |    |    |
| CELLEPORARIA MAGNIFICA            | X         |    |    |
| TREMOGASTERINA MUCRONATA          | X         | X  | X  |
| CHAETASTER NODOSUS                | 3         | 1  | 1  |
| TOSIA PARVA                       | 6         | 2  |    |
| ASTERINA FOLIUM                   | 9         | 2  |    |
| ECHINASTERIDAE                    | 1         |    |    |
| OPHIOMYXA FLACCIDA                | 8         | 10 | 3  |
| OPHIODERMA SP. 1                  |           | 1  |    |
| OPHIOSTIGMA ISOCANTHA             |           | 1  |    |
| OPHIOTHRIX ANGULATA               | 5         | 2  |    |
| OPHIOTHRIX LINEATA                |           | 1  |    |
| EUCIDARIS TRIBULOIDES TRIBULOIDES |           |    | 1  |
| STYLOCIDARIS AFFINIS              |           | 2  | 18 |
| EUDISTOMA CAPSULATUM              |           |    | X  |
| APLIDIUM EXILE                    |           | X  |    |
| DIDEMNUM CANDIDUM                 | X         | X  | X  |
| POLYCARPA OBTECTA                 |           | X  |    |
| OPSANSUS PARDUS                   | 1         |    |    |
| HALIEUTICHTHYS ACULEATUS          |           |    | 1  |
| SYNGNATHUS ELUCENS                |           | 2  |    |
| HIPPOCAMPUS ERECTUS               |           | 1  | 1  |
| CORYTHOICHTHYS ALBIROSTRIS        | 1         |    |    |
| SCORPAENA DISPAR                  |           |    | 1  |

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TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 13.

| TAXON                             | REPLICATE |   |   |
|-----------------------------------|-----------|---|---|
|                                   | A         | B | C |
| UDOTEA CONGLUTINATA               | X         | X | X |
| OSTREOBIMUM QUEKETTII             |           |   | X |
| SARGASSUM SP.                     |           |   | X |
| GRACILARIA DEBILIS                |           | X |   |
| LITHOTHAMNIUM CALCAREUM           |           | X | X |
| LAURENCIA INTRICATA               |           |   | X |
| ? DYSIDEA SPP.                    |           | X | X |
| APLYSINA FISTULARIS               | X         |   |   |
| APLYSINA FISTULARIS V. FISTULARIS |           | X |   |
| APLYSINA FISTULARIS V. FULVA      |           | X |   |
| HALICLONA COMPRESSA               |           |   | X |
| SIPHONODICTYON SIPHONUM           |           |   | X |
| OXEOSTILON BURTONI                |           |   | X |
| SPIRASTRELLA ? COCCINEA           |           |   | X |
| SPHECIOSPONGIA VESPARIUM          |           | X | X |
| ANTHOSIGMELLA VARIANS             | X         | X | X |
| ANTHOSIGMELLA SPP.                |           |   | X |
| PLACOSPONGIA MELOBESIOIDES        | X         |   | X |
| TETHYA SP.                        |           |   | X |
| EPIPOLASIS LITHOPHAGA             |           | X |   |
| GEODIA GIBBEROSA                  |           | X | X |
| GEODIA ? GIBBEROSA                |           | X |   |
| DEMOSPONGEA-AXINELLIDA            | X         |   |   |
| HOMAXINELLA WALTONSMITHI          |           |   | X |
| HOMAXINELLA RUDIS                 |           |   | X |
| PSEUDAXINELLA LUNAECARTA          |           |   | X |
| ? PHAKELLIA SP.                   |           |   | X |
| EUDENDRIUM CARNEUM                |           | X | X |
| SERTULARELLA SP.                  |           |   | X |
| SERTULARELLA PINNIGERA            |           |   | X |
| SERTULARELLA CONICA               |           |   | X |
| THYROSCYPHUS MARGINATUS           |           | X | X |
| PLUMULARIA NIGRA                  |           | X |   |
| PSEUDOPLEXAURA WAGENAARI          |           |   | X |
| EUNICEA CALYCVLATA                |           | X | X |
| PLEXAURELLA MUTANS                |           |   | X |
| PLEXAURELLA FUSIFERA              |           |   | X |
| LOPHOGORGIA CARDINALIS            |           | X |   |
| PSEUDOPTEROGORGIA ACEROSA         | X         | X |   |
| PSEUDOPTEROGORGIA RIGIDA          | X         |   | X |
| SIDERASTREA RADIANIS              |           |   | 1 |
| SOLENASTREA HYADES                |           | 1 |   |

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TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS).  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 13.

| TAXON                        | REPLICATE |   |   |
|------------------------------|-----------|---|---|
|                              | A         | B | C |
| PHYLLANGIA AMERICANA         |           |   | 1 |
| SCOLYMIA LACERA              |           |   | 1 |
| POLYCHAETA                   |           | X | X |
| TURRITELLA ACROPORA          |           |   | 1 |
| CERITHIUM ATRATUM            |           |   | 2 |
| STROMBUS ALATUS              | 2         | 3 |   |
| STROMBUS COSTATUS            | 2         | 2 | 1 |
| NATICARIUS CANRENA           |           |   | 4 |
| CHICOREUS FLORIFER           |           |   | 1 |
| MUREX RUBIDUS                |           | 1 | 1 |
| FAVARTIA CELLULOSA           |           |   | 1 |
| CALOTROPHON OSTREARUM        |           | 1 |   |
| CANTHARUS MULTANGULUS        |           | 1 | 1 |
| FASCIOLARIA LILIUM TORTUGANA |           | 2 |   |
| OLIVA CIRGINATA              |           | 3 | 2 |
| SPLENDRILLIA MOSERI          |           |   | 1 |
| CRASSISPIRA SP.              |           | 1 |   |
| CONUS FLORIDANUS             |           | 1 | 1 |
| STRIOTEREBRUM ONSLOWENSIS    | 3         | 3 |   |
| GASTROPODA EGGS              |           |   | X |
| PTERIA ? COLYMBUS            |           |   | 7 |
| ARGOPECTEN GIBBUS            |           | 4 |   |
| LAEVICARDIUM LAEVIQATUM      |           |   | 4 |
| LAEVICARDIUM PICTUM          | 1         |   | 3 |
| TRACHYCARDIUM EGMONTIANUM    | 1         | 1 | 1 |
| PAPYRIDEA SOLENIFORMIS       |           | 1 |   |
| AMERICARDIA MEDIA            |           |   | 1 |
| TELLINA LISTERI              | 1         | 1 |   |
| SEMELE PURPURASCENS          |           |   | 1 |
| MACROCALLISTA MACULATA       | 4         | 3 | 6 |
| CHIONE LATILIRATA            | 1         | 1 |   |
| PERIGLYPTA LISTERI           | 1         | 2 |   |
| ARCINELLA CORNUTA            | 1         |   |   |
| CHAMA MACEROPHYLLA           |           |   | 2 |
| TRACHYPENAEUS CONSTRICTUS    |           | 1 |   |
| SICYONIA TYPICA              | 1         |   |   |
| SYNALPHEUS LONGICARPUS       |           | 1 |   |
| SCYLLARUS AMERICANUS         |           |   | 1 |
| PAGURUS CAROLINENSIS         |           |   | 1 |
| PETROLISTHES GALATHINUS      |           | 3 | 1 |
| ALBUNEA GIBBESI              |           | 1 |   |
| PAGURISTES PUNTICEPS         | 1         | 2 | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 13.

| TAXON                           | REPLICATE |   |   |
|---------------------------------|-----------|---|---|
|                                 | A         | B | C |
| PAGURISTES SERICEUS             |           |   | 1 |
| PAGURISTES TORTUGAE             |           | 1 |   |
| DROMIDIA ANTILLENIS             |           |   | 2 |
| CALAPPA ANGUSTA                 |           |   | 1 |
| HEPATUS EPHELITICUS             |           |   | 1 |
| ILIACANTHA INTERMEDIA           |           |   | 1 |
| MACROCOELOMA CAMPTOCERUM        |           |   | 3 |
| METOPORHAPHIS CALCARATA         | 1         |   |   |
| MITHRAX (MITHRAX) HISPIDUS      |           |   | 3 |
| MITHRAX (MITHRAX) PLEURACANTHUS | 1         |   | 3 |
| MITHRAX (MITHRACULUS) FORCEPS   | 2         |   |   |
| PITHO LHERMINIERI               | 1         |   | 4 |
| PODOCHELA RIISEI                |           |   | 1 |
| STENORHYNCHUS SETICORNIS        |           | 1 | 4 |
| PORTUNUS GIBBESI                | 1         | 2 |   |
| PORTUNUS SPINICARPUS            |           |   | 1 |
| PORTUNUS DEPRESSIFRONS          | 1         |   |   |
| PORTUNUS ORDWAYI                |           |   | 1 |
| PORTUNUS SP. A                  |           |   | 1 |
| LOBOPILUMNUS AGASSIZI           |           | 1 |   |
| PILUMNUS DASYPODUS              |           | 2 |   |
| PILUMNUS SAYI                   |           | 1 | 6 |
| PSEUDOMEDAEUS AGASSIZI          |           | 1 |   |
| EURYPLAX NITIDA                 |           | 1 |   |
| GONODACTYLUS BREDINI            |           |   | 3 |
| AMATHIA CONVOLUTA               |           |   | X |
| NELLIA OCVLATA                  | X         |   | X |
| CUPULADRIA BIPOROSA             | X         | X |   |
| STYLOPOMA SPONGITES             |           | X | X |
| MICROPORELLA SP.                |           |   | X |
| CELLEPORARIA ALBIROSTRIS        |           | X | X |
| PARASMITTINA TRISPINOSA         |           |   | X |
| PARASMITTINA SPATHULATA         |           |   | X |
| PARASMITTINA NITIDA             |           |   | X |
| ASTROPECTEN DUPLICATUS          |           |   | 1 |
| ASTROPECTEN ARTICULATUS         | 1         |   |   |
| ASTEROPHYTON MURICATUM          |           |   | 2 |
| OPHIOLEPIS ELEGANS              | 1         | 1 |   |
| OPHIOTHRIX ANGULATA             |           |   | 2 |
| CLYPEASTER SUBDEPRESSUS         | 5         | 3 | 4 |
| ENCOPE ABERRANS                 | 1         | 1 |   |
| THYONELLA PERVICAX              | 3         | 3 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 13.

| TAXON                      | REPLICATE |   |   |
|----------------------------|-----------|---|---|
|                            | A         | B | C |
| THYONELLA SABANILLAENSIS   |           | 1 |   |
| ISOSTICHOPUS BADIONOTUS    |           |   | 1 |
| RHABDOPLEURA COMPACTA      |           |   | X |
| CLAVELINA PICTA            | X         |   |   |
| DIDEMNUM CANDIDUM          |           |   | X |
| TRIDIDEMNUM SAVIGNII       | X         |   |   |
| POLYCARPA OBTECTA          | X         |   |   |
| POLYANDROCARPA TINCTA      |           |   | X |
| SYNODUS FOETENS            |           |   | 3 |
| OPSANSUS PARDUS            |           |   | 1 |
| OPHIDION BEANI             |           | 1 |   |
| OPISTOGNATHUS N. SP.       |           |   | 3 |
| DACTYLOSCOPUS TRIDIGITATUS |           |   | 1 |
| CITHARICHTHYS MACROPS      |           | 1 |   |
| SYMPHURUS DIOMEDIANUS      | 4         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 15.

| TAXON                              | REPLICATE |   |   |
|------------------------------------|-----------|---|---|
|                                    | A         | B | C |
| AVRAINVILLEA NIGRICANS             | X         | X | X |
| HALIMEDA GRACILIS                  |           |   | X |
| UDOTEA CONGLUTINATA                |           | X | X |
| LITHOTHAMNIUM CALCAREUM            | X         | X | X |
| LITHOTHAMNIUM RUPTILE              |           |   | X |
| CHAMPIA PARVULA                    | X         |   |   |
| DASYA BAILOUVIANA                  | X         |   | X |
| CHONDRIA SP.                       |           |   | X |
| HIPPOSPONGIA LACHNE                | X         |   |   |
| HYATTELLA INTESTINALIS             | X         |   | X |
| IRCINIA CAMPANA                    |           |   | X |
| IRCINIA STROBILINA                 |           |   | X |
| IRCINIA FELIX                      |           | X |   |
| IRCINIA SPP.                       | X         |   |   |
| ? DYSIDEA SPP.                     | X         | X | X |
| APLYSINA FISTULARIS V. FULVA       | X         | X | X |
| AIDIOCHROIA CRASSA                 |           | X |   |
| HALICLONA VIRIDIS                  |           |   | X |
| NIPHATES ERECTA                    | X         | X | X |
| SPINOSSELLA PLICIFERA              |           |   | X |
| SPINOSSELLA VAGINALIS V. ARMIGERA  |           |   | X |
| SPINOSSELLA VAGINALIS V. VAGINALIS |           |   | X |
| ? HALICLONA SPP.                   | X         |   |   |
| ? NEPHELIOSPONGIIDAE               |           | X | X |
| DEMOSPONGEA-POECILOSCLERIDA        | X         |   |   |
| ? DRAGMATELLA SP.                  |           |   | X |
| NEOFIBULARIA NOLITANGERE           |           |   | X |
| TEDANIIDAE                         | X         |   |   |
| ? LISSODENDORYX SP.                | X         |   |   |
| MICROCIONA SPP.                    | X         | X | X |
| ? MICROCIONA SP.                   |           | X | X |
| ? HYMEDESMIA SP.                   |           |   | X |
| ? BIEMNA SPP.                      | X         | X |   |
| BUBARIS SPP.                       |           |   | X |
| ? MICROCIONIDAE                    |           |   | X |
| DEMOSPONGEA-HALICHONDRIIDA         |           |   | X |
| OXEOSTILON BURTONI                 |           | X | X |
| SPIRASTRELLA COCCINEA              | X         |   |   |
| SPIRASTRELLA ? COCCINEA            | X         | X | X |
| TIMEA SP.                          |           | X |   |
| SPHECIOSPONGIA VESPARIUM           |           | X | X |
| ANTHOSIGMELLA VARIANS              | X         | X | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 16.

| TAXON                      | REPLICATE |   |   |
|----------------------------|-----------|---|---|
|                            | A         | B | C |
| PLACOSPONGIA MELOBESIOIDES | X         | X | X |
| CLIONA DELITRIX            |           |   | X |
| TETHYA SP.                 |           | X |   |
| TETHYA ACTINIA             |           | X |   |
| EPIPOLASIS SPP.            | X         |   | X |
| SCOLOPES MEGASTRA          |           |   | X |
| JASPIS SPP.                |           |   | X |
| GEODIA GIBBEROSA           | X         | X | X |
| CINACHYRA ALLOCLADA        | X         | X | X |
| CHONDRILLA SP.             | X         |   |   |
| CHONDROSIA RENIFORMES      | X         |   |   |
| CHONDROSIA SPP.            |           |   | X |
| AXINELLA POLYCAPELLA       |           | X |   |
| AXINELLA SPP.              | X         | X | X |
| HOMAXINELLA WALTONSMITHI   | X         |   |   |
| PSEUDAXINELLA LUNAECARTA   | X         |   | X |
| PSEUDAXINELLA ? LUNAECARTA |           |   | X |
| TEICHAXINELLA ? CORRUGATA  |           |   | X |
| PHAKELLIA FOLIUM           |           | X |   |
| ? TEICHAXINELLA SP.        |           | X | X |
| HEMECTYON SP.              | X         |   |   |
| THALYSEURYPON SPP.         |           | X |   |
| ? THALYSEURYPON SP.        |           | X | X |
| SERTULARELLA PINNIGERA     |           |   | X |
| THYROSCYPHUS MARGINATUS    |           | X |   |
| ANEMONE SPP.               |           | X |   |
| STEPHANOCOENIA MICHELINII  | 3         | 1 | 1 |
| MADRACIS FORMOSA           |           |   | X |
| AGARICIA LAMARCKI          | X         |   |   |
| SIDERASTREA RADIANI        | 1         | 1 | 1 |
| MANICINA AREOLATA          | 1         |   |   |
| CLADOCORA ARBUSCULA        | 2         | 1 |   |
| PHYLLANGIA AMERICANA       | 1         |   |   |
| ASTRANGIA SOLITARIA        |           | 1 |   |
| OCULINA DIFFUSA            |           | X |   |
| SCOLYMIA LACERA            | 8         | 1 | 1 |
| RHIZOSMILIA MACULATA       |           | 1 |   |
| POLYCHAETA                 |           |   | X |
| CALLIOSTOMA TAMPAENSE      |           | 1 |   |
| VERMICULARIA KNORII        |           | 4 |   |
| TURRITELLA ACROPORA        |           | 1 | 3 |
| CERITHIUM ATRATUM          |           | 1 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 15.

| TAXON                     | REPLICATE |    |   |
|---------------------------|-----------|----|---|
|                           | A         | B  | C |
| STROMBUS ALATUS           |           |    | 1 |
| XENOPHORA CONCHYLIOPHORA  |           |    | 1 |
| CYPRAEA CERVUS            | 1         |    |   |
| SILICULARIA SQUAMATA      |           |    | 1 |
| CHICOREUS FLORIFER        | 1         |    | 1 |
| FAVARTIA CELLULOSA        |           | 1  |   |
| CALOTROPHON OSTREARUM     |           | 1  |   |
| COLUBRARIA LANCEOLATA     |           | 1  |   |
| NASSARIUS CONSENSUS       |           | 1  | 1 |
| OLIVA CIRCINATA           |           |    | 1 |
| SCAPHELLA JUNONIA         |           | 1  |   |
| PRUNUM ROOSEVELTI         |           | 1  |   |
| SPLENDRILLIA MOSERI       |           | 1  | 2 |
| CRASSISPIRA TAMPAENSIS    |           | 1  | 1 |
| CONUS SPURIUS ATLANTICUS  |           |    | 1 |
| ISCHNOCHITON PURPURASCENS |           | 1  |   |
| LITHOPHAGA BISULCATA      |           | 1  |   |
| AEQUIPECTEN MUSCOSUS      |           | 1  |   |
| ARGOPECTEN GIBBUS         |           | 11 |   |
| LAEVICARDIUM LAEVIQATUM   |           |    | 1 |
| LAEVICARDIUM PICTUM       |           | 1  | 2 |
| PAPYRIDEA SOLENIFORMIS    |           | 2  |   |
| AMERICARDIA MEDIA         |           | 2  |   |
| CHAMA CONGREGATA          |           | 3  |   |
| CHAMA MACEROPHYLLA        | 4         | 1  | 8 |
| GRAPTACME SEMISTRIOIATUM  |           | 1  |   |
| METAPENAEOPSIS GOODEI     |           |    | 1 |
| ALPHEUS NORMANNI          |           | 1  |   |
| SYNALPHEUS LONGICARPUS    |           |    | 1 |
| SYNALPHEUS PANDIONIS      |           |    | 1 |
| SYNALPHEUS TOWNSENDI      |           | 2  |   |
| LYSMATA RATHBUNAE         | 2         |    |   |
| TOZEUMA SERRATUM          |           | 1  |   |
| SCYLLARUS CHACEI          |           |    | 1 |
| IRIDOPAGURUS CARIBBENSIS  |           |    | 2 |
| PHIMOCHIRUS HOLTHUISI     |           | 1  |   |
| AGARICOCHEIRUS BOLETIFER  |           | 1  |   |
| MUNIDA ANGULATA           |           |    | 1 |
| PORCELLANA SAYANA         |           | 1  |   |
| DARDANUS FUCOSUS          |           |    | 1 |
| PAGURISTES PUNTIPEPS      |           | 1  | 1 |
| PAGURISTES SERICEUS       |           | 3  | 5 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 15.

| TAXON                            | REPLICATE |    |   |
|----------------------------------|-----------|----|---|
|                                  | A         | B  | C |
| -----                            |           |    |   |
| PETROCHIRUS DIOGENES             |           | 1  |   |
| DROMIDIA ANTILLENIS              | 6         | 2  | 3 |
| ETHUSA MASCARONE AMERICANA       |           | 1  |   |
| CALAPPA GALLUS                   |           | 1  |   |
| ILIACANTHA INTERMEDIA            |           | 3  |   |
| EBALIA CF. STIMPSONI             |           | 2  |   |
| SYMETHIS VARIOLOSA               |           | 2  | 4 |
| MACROCOELOMA CF. TRISPINOSUM     |           |    | 1 |
| MACROCOELOMA TRISPINOSUM NODIPES | 2         |    |   |
| MITHRAX (MITHRAX) HISPIDUS       |           | 2  | 1 |
| MITHRAX (MITHRAX) PLEURACANTHUS  | 2         | 15 | 7 |
| MITHRAX (MITHRACULUS) FORCEPS    |           | 1  |   |
| PITHO LHERMINIERI                |           | 4  | 2 |
| PODOCHELA RIISEI                 |           | 3  |   |
| STENOCIONOPS FURCATA FURCATA     | 2         |    | 1 |
| STENOCIONOPS FURCATA COELATA     |           | 1  | 2 |
| STENORHYNCHUS SETICORNIS         |           | 15 | 6 |
| PARTHENOPE GRANULATA             |           | 1  | 1 |
| PORTUNUS ORDWAYI                 |           | 1  |   |
| LOBOPILUMNUS AGASSIZI            |           | 1  |   |
| MICROPANOPE LAEVIMANUS           |           | 7  | 6 |
| PILUMNUS FLORIDANUS              |           | 1  | 2 |
| PILUMNUS SAYI                    |           | 6  |   |
| GONODACTYLUS BREDINI             |           | 2  | 6 |
| PHASCOLION STROMBI               |           |    | X |
| AMATHIA CONVOLUTA                | X         | X  | X |
| NELLIA OCVLATA                   |           | X  |   |
| SCRUPOCELLARIA REGULARIS         |           |    | X |
| HIPPOPETRALIELLA BISINUATA       |           | X  |   |
| CIGCLISULA CF. TURRITA           | X         |    | X |
| STYLOPOMA SPONGITES              | X         | X  | X |
| HIPPOPORIDRA EDAX                |           | X  | X |
| CLEIDOCHASMA CONTRACTUM          |           | X  |   |
| CLEIDOCHASMA PORCELLANUM         |           | X  |   |
| BRACEBRIDGIA SUBSULCATA          |           |    | X |
| BUSKEA DICHOTOMA                 |           |    | X |
| CELLEPORARIA ALBIROSTRIS         |           | X  | X |
| CELLEPORARIA MAGNIFICA           |           | X  |   |
| LUIDIA ALTERNATA                 |           |    | 1 |
| ASTROPECTEN DUPLICATUS           |           | 1  |   |
| OPHIOPSILA RIISEI                |           |    | 1 |
| OPHIODERMA APPRESSUM             |           |    | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 15.

| TAXON                   | REPLICATE |   |   |
|-------------------------|-----------|---|---|
|                         | A         | B | C |
| OPHIOTHRIX ANGULATA     | 2         |   | 4 |
| ARBACIA PUNCTULATA      |           |   | 1 |
| CLYPEASTER SUBDEPRESSUS | 1         |   | 1 |
| CLAVELINA SP.           | X         |   |   |
| CLAVELINA SP. 1         |           |   | X |
| APLIDIUM SP. 2          | X         |   |   |
| STYELA PARTITA          |           |   | X |
| PYURA VITTATA           | X         |   |   |
| OPSANSUS PARDUS         |           | 1 |   |
| ANTENNARIUS OCELLATUS   |           | 1 |   |
| OPHIDION SP.            |           |   | 1 |
| OPHIDION HOLBROOKI      |           | 1 |   |
| EPINEPHELUS MORIO       |           | 1 |   |
| EUPOMACENTRUS PARTITUS  |           | 1 |   |
| LABRISOMUS GUPPYI       |           | 1 |   |
| MONACANTHUS CILIATUS    |           |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 17.

| TAXON                               | REPLICATE |   |   |
|-------------------------------------|-----------|---|---|
|                                     | A         | B | C |
| CAULERPA SERTULARIOIDES             | X         | X | X |
| HALIMEDA GRACILIS                   | X         | X | X |
| LITHOTHAMNIUM CALCAREUM             | X         | X | X |
| LEPTOFAUCHEA RHODYMENIOIDES         | X         |   |   |
| HYATTELLA INTESTINALIS              |           | X | X |
| IRCINIA STROBILINA                  |           | X | X |
| ? DYSIDEA SPP.                      |           | X | X |
| APLYSINA FISTULARIS V. FISTULARIS   | X         |   |   |
| AILOCHROIA CRASSA                   |           | X |   |
| IGERNELLA ? NOTABILIS               | X         |   |   |
| SPINOSSELLA SP.                     |           | X |   |
| SPINOSSELLA VAGINALIS V. ESCHRICHTI |           | X |   |
| ? GELLIUS SPP.                      |           |   | X |
| XESTOSPONGIA SP.                    | X         |   |   |
| SIPHONODICTYON SIPHONUM             |           | X |   |
| ? RHIZOCHALINA SP.                  | X         |   |   |
| ? CRIBROCHALINA SPP.                |           |   | X |
| ? GELLIODES SPP.                    |           |   | X |
| COELOSPHAERA FISTULA                |           | X |   |
| NEOFIBULARIA NOLITANGERE            |           |   | X |
| ? LISSODENDORYX SP.                 | X         |   | X |
| ? FORCEPIA SP.                      | X         | X | X |
| SPIRASTRELLA COCCINEA               |           |   | X |
| SPIRASTRELLA ? COCCINEA             | X         | X |   |
| ANTHOSIGMELLA VARIANS               | X         |   |   |
| TETHYA SP.                          |           |   | X |
| GEODIA NEPTUNI                      | X         | X | X |
| CINACHYRA ALLOCLADA                 | X         | X | X |
| DEMOSPONGEA-AXINELLIDA              |           |   | X |
| AXINELLA SPP.                       |           |   | X |
| SERTULARELLA PINNIGERA              | X         | X |   |
| DYNAMENA POURTALESII                | X         | X | X |
| THYROSCYPHUS MARGINATUS             |           | X |   |
| AGLAOPHENIA ELONGATA                | X         | X | X |
| GYMNANGIUM SINUOSUM                 |           | X |   |
| SYNTHECIUM TUBITHECIUM              | X         |   |   |
| STEPHANOSCYPHUS CORNIFORMIS         | X         |   | X |
| LEPTOGORGIA EURYALE                 | X         | X |   |
| ELLISELLA ATLANTICA                 | X         | X |   |
| ANEMONE SPP.                        |           | X |   |
| MADRACIS ASPERULA                   | X         |   |   |
| OCULINA TENELLA                     |           | X | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 17.

| TAXON                        | REPLICATE |   |    |
|------------------------------|-----------|---|----|
|                              | A         | B | C  |
| POLYCHAETA                   | X         | X | X  |
| CALLIOSTOMA MARIONAE         |           | 1 |    |
| VERMICULARIA SPIRATA         | 2         | 3 |    |
| VERMICULARIA KNORII          | 3         |   |    |
| TURRITELLA ACROPORA          | 1         | 5 |    |
| TURRITELLA EXOLETA           | 10        | 7 | 10 |
| AMAEA RETIFERA               |           | 1 |    |
| CRUCIBULUM AURICULA          |           | 1 |    |
| XENOPHORA CONCHYLIOPHORA     | 1         |   |    |
| CYPRAEA SPURCA ACICULARIS    |           | 1 |    |
| POLINICES LACTEUS            | 1         |   |    |
| NATICARIUS CANRENA           |           | 1 |    |
| PHALIMUM GRANULATUM          | 2         | 4 | 3  |
| CYMATIUM KREBSII             | 3         | 2 | 1  |
| DISTORSIO CLATHRATA          | 2         |   |    |
| CHICOREUS N. SP. 1           |           | 1 |    |
| MUREX CABRITII               | 2         | 2 |    |
| MUREX BELLEGLADENSIS         |           |   | 4  |
| MUREX RUBIDUS                |           | 1 |    |
| FASCIOLARIA LILIUM TORTUGANA |           | 1 |    |
| FUSINUS EUCOSMIUS            | 3         |   |    |
| FUSINUS HELENAE              | 1         |   |    |
| OLIVA CIRCINATA              | 2         | 6 | 2  |
| HYALINA AVENA                | 1         |   |    |
| POLYSTIRA ALBIDA             | 1         | 1 | 1  |
| CONUS STIMPSONI              | 1         |   |    |
| GASTROPODA EGGS              | X         |   |    |
| AMYGDALUM SAGITTATUM         | 1         |   |    |
| CHLAMYS BENEDICTI            | 3         |   | 4  |
| PECTEN RAVENELI              |           | 2 |    |
| PECTEN ZICZAC                |           | 1 |    |
| PECTEN CHAZALIEI             |           | 1 |    |
| AEQUIPECTEN MUSCOSUS         | 2         | 2 | 6  |
| ARGOPECTEN GIBBUS            | 1         | 1 | 1  |
| LIMA PELLUCIDA               | 1         |   |    |
| NEMOCARDIUM TINCTUM          |           | 4 | 3  |
| LAEVICARDIUM LAEVIGATUM      |           | 1 |    |
| LAEVICARDIUM PICTUM          | 3         | 8 | 3  |
| CALLISTA EUCYMATA            |           | 1 |    |
| CHIONE LATILIRATA            | 1         | 1 |    |
| HIATELLA ARCTICA             | 1         | 1 | 1  |
| ARCINELLA CORNUATA           | 1         |   |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 17.

| TAXON                         | REPLICATE |    |   |
|-------------------------------|-----------|----|---|
|                               | A         | B  | C |
| SEMIROSSIA EQUALIS            | 1         |    |   |
| OCTOPUS JOUBINI               | 3         |    |   |
| PALLENOPSIS SCHMITTI          |           |    | 1 |
| DICEROSCALPELLUM ARIETINUM    |           | 2  |   |
| METAPENAEOPSIS GOODEI         | 1         |    |   |
| SICYONIA BREVIROSTRIS         |           |    | 2 |
| LEPTOCHELA CARINATA           |           | 1  |   |
| PERICLIMENES AMERICANUS       |           | 1  |   |
| SYNALPHEUS TOMSENDI           | 2         |    |   |
| TOZEUMA SERRATUM              | 1         |    |   |
| TRACHYCARIS RESTRICTUS        | 1         |    |   |
| PROCESSIDAE                   | 1         |    |   |
| SCYLLARUS CHACEI              | 1         | 2  | 1 |
| PAGURUS BREVIDACTYLUS         |           | 1  |   |
| MANUCOMPLANUS CORALLINUS      | 1         | 8  | 1 |
| PHINOCHIRUS HOLTHUISI         | 1         | 4  |   |
| MUNIDA ANGULATA               | 8         | 3  |   |
| MUNIDA PUSILLA                | 9         | 5  |   |
| GALATHEA ROSTRATA             | 1         | 2  | 1 |
| DIAGENIDAE                    | 1         |    |   |
| DARDANUS FUCOSUS              | 2         | 1  |   |
| PAGURISTES HERNANCORTEZI      |           | 1  |   |
| PAGURISTES SERICEUS           | 2         |    |   |
| PAGURISTES TRIANGULATUS       | 2         |    | 2 |
| DROMIDIA ANTILLENIS           | 6         | 5  |   |
| HYPOCONCHA SPINOSISSIMA       |           | 1  |   |
| ETHUSA MASCARONE AMERICANA    | 2         | 1  |   |
| ETHUSA TENUIPES               | 1         | 1  |   |
| CALLIDACTYLUS ASPER           | 4         | 5  | 3 |
| ILIACANTHA INTERMEDIA         |           | 1  |   |
| ILIACANTHA SPARSA             | 1         | 12 |   |
| RANINOIDES LOEVIS             | 1         | 3  |   |
| SYMETHIS VARIOLOSA            | 8         | 4  | 1 |
| COLLODES TRISPINOSUS          | 3         | 5  |   |
| ARACHNOPSIS FILIPES           |           | 1  |   |
| MACROCOELOMA SEPTEMSPINOSUM   | 1         | 2  |   |
| MITHRAX (MITHRAX) ACUTICORNIS | 1         | 2  |   |
| PODOCHELA GRACILIPES          | 6         | 2  |   |
| PODOCHELA LAMELLIGERA         | 2         |    |   |
| PODOCHELA SIDNEYI             |           |    | 1 |
| STENOCIONOPS FURCATA FURCATA  | 5         | 1  | 1 |
| STENORHYNCHUS SETICORNIS      | 8         | 3  |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 17.

| TAXON                             | REPLICATE |    |    |
|-----------------------------------|-----------|----|----|
|                                   | A         | B  | C  |
| -----                             |           |    |    |
| PARTHENOPE AGONA                  | 9         | 9  | 2  |
| PARTHENOPE FRATERCULUS            | 1         | 4  |    |
| PARTHENOPE GRANULATA              | 2         | 1  |    |
| SOLENOLAMBRUS TENELLUS            |           | 1  |    |
| PORTUNUS SPINICARPUS              | 6         | 4  | 3  |
| CARPOPORUS PAPULOSUS              | 1         | 2  | 2  |
| MICROPANOPE LAEVIMANUS            | 3         | 1  |    |
| MICROPANOPE SCULPTIPES            | 1         | 1  |    |
| PILUMNUS FLORIDANUS               | 3         | 1  |    |
| PALICUS AFFINIS                   | 1         |    |    |
| PALICUS ALTERNATUS                | 3         | 1  |    |
| AMATHIA CONVOLUTA                 |           | X  | X  |
| AMATHIA CF. DISTANS               |           |    | X  |
| STEGANOPORELLA MAGNILABRIS        | X         | X  |    |
| CELLARIA IRREGULARIS              | X         | X  | X  |
| NELLIA OCLATA                     | X         | X  |    |
| BUGULA NERITINA                   | X         | X  | X  |
| BUGULA CF. FULVA                  |           |    | X  |
| CABEREA BORYI                     |           |    | X  |
| STYLOPOMA SPONGITES               | X         | X  | X  |
| HIPPOPORIDRA EDAX                 | X         | X  |    |
| BRACEBRIDGIA SUBSULCATA           | X         | X  | X  |
| HIPPALIOSINA ROSTRIGERA           |           | X  | X  |
| CELLEPORARIA ALBIROSTRIS          | X         | X  | X  |
| CELLEPORARIA MAGNIFICA            |           | X  | X  |
| PARASMITTINA SPATHULATA           |           | X  |    |
| PARASMITTINA NITIDA               |           | X  |    |
| IDMIDRONEA ATLANTICA              | X         |    |    |
| CRISIA EBURNEA                    | X         |    | X  |
| CRISIA ELONGATA                   |           | X  | X  |
| ASTROPECTEN DUPLICATUS            | 5         | 1  | 2  |
| ASTROPECTEN ARTICULATUS           | 1         | 4  |    |
| GONIASTER TESSELLATUS             |           |    | 3  |
| TOSIA PARVA                       |           | 2  |    |
| NARCISSIA TRIGONARIA              | 7         |    | 2  |
| ECHINASTER SP.                    | 13        | 13 |    |
| OPHIOMYXA FLACCIDA                | 2         | 4  | 1  |
| OPHIOLEPIS ELEGANS                | 11        | 22 | 11 |
| OPHIOPSILA HARTMEYERI             | 3         |    |    |
| OPHIODERMA BREVISPINUM            | 2         | 2  |    |
| OPHIOTHRIX ANGLULATA              | 3         | 4  | 6  |
| EUCIDARIS TRIBULOIDES TRIBULOIDES | 4         | 11 |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS).  
 LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 17.

| TAXON                           | REPLICATE |   |   |
|---------------------------------|-----------|---|---|
|                                 | A         | B | C |
| STYLOCIDARIS AFFINIS            |           | 1 | 1 |
| ARBACIA PUNCTULATA              | 2         |   |   |
| GENOCIDARIS MACULATA            | 1         | 1 |   |
| LYTECHINUS VARIEGATUS CAROLINUS |           |   | 1 |
| CLYPEASTER SUBDEPRESSUS         | 1         |   |   |
| ECHINOLAMPAS DEPRESSA           | 8         | 5 |   |
| THYONELLA SABANILLAENSIS        | 8         |   |   |
| RHABDOPLEURA COMPACTA           |           | X |   |
| DIDEMNUM CANDIDUM               | X         | X | X |
| ASCIDIA SP.                     |           | X | X |
| POLYCARPA OBTECTA               | X         | X | X |
| POLYCARPA CIRCUMARATA           | X         | X |   |
| GYMNOTHORAX NIGROMARGINATUS     |           |   | 2 |
| ICHTHYAPUS OPHIONEUS            |           | 2 |   |
| SYNODUS POEYI                   | 2         |   |   |
| ANTENNARIUS OCELLATUS           | 1         |   | 1 |
| HALIEUTICHTHYS ACULEATUS        | 1         | 2 |   |
| HIPPOCAMPUS ERECTUS             |           | 1 | 1 |
| SCORPAENA AGASSIZI              |           | 1 |   |
| SCORPAENA BRASILIENSIS          |           | 1 |   |
| SCORPAENA CALCARATA             |           | 1 |   |
| SCORPAENA INERMIS               | 1         |   |   |
| PRIONOTUS STEARNSI              |           | 1 | 1 |
| SERRANUS NOTOSPILUS             | 1         | 1 |   |
| SERRANUS PHOEBE                 |           |   | 1 |
| RYPTICUS BISTRISPINUS           | 1         |   | 1 |
| PRISTIGENYS ALTA                |           |   | 1 |
| MONACANTHUS CILIATUS            | 1         |   |   |
| MONACANTHUS HISPIDUS            |           | 1 |   |
| MONACANTHUS SETIFER             |           | 2 |   |
| CHILOMYCTERUS SCHOEFFI          | 1         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 19.

| TAXON                        | REPLICATE |   |   |
|------------------------------|-----------|---|---|
|                              | A         | B | C |
| HALIMEDA GRACILIS            |           | X |   |
| UDOTEA CONGLUTINATA          | X         |   | X |
| UDOTEA CYATHIFORMIS          |           | X |   |
| SARGASSUM SP.                |           |   | X |
| GRACILARIA DEBILIS           | X         |   |   |
| LITHOTHAMNIUM CALCAREUM      | X         | X |   |
| LAURENCIA INTRICATA          |           |   | X |
| LEUCETTA ? FLORIDANA         |           | X |   |
| HIPPOSPONGIA LACHNE          |           |   | X |
| ? DYSIDEA SPP.               | X         |   | X |
| APLYSINA FISTULARIS V. FULVA |           |   | X |
| AIOLOCYROIA CRASSA           | X         |   |   |
| HALICLONA COMPRESSA          |           | X | X |
| HALICLONA VIRIDIS            |           | X |   |
| HALICLONA SPP.               | X         |   |   |
| DEMOSPONGEA-POECILOSCLERIDA  |           | X |   |
| MICROCIONA SPP.              |           |   | X |
| ? BIEMNA SPP.                | X         |   |   |
| ? BUBARIS SPP.               |           | X |   |
| OXEOSTILON BURTONI           |           |   | X |
| SPHECIOSPONGIA VESPARIUM     |           | X |   |
| ANTHOSIGMELLA VARIANS        | X         | X | X |
| ANTHOSIGMELLA SPP.           |           |   | X |
| CLIONA CELATA                |           |   | X |
| TETHYA SP.                   |           |   | X |
| EPIPOLASIS LITHOPHAGA        |           |   | X |
| EPIPOLASIS SPP.              | X         | X | X |
| GEODIA GIBBEROSA             | X         | X | X |
| GEODIA ? GIBBEROSA           | X         |   |   |
| CINACHYRA ALLOCLADA          |           |   | X |
| HOMAXINELLA WALTONSMITHI     |           |   | X |
| EUDENDRIUM CARNEUM           |           |   | X |
| SERTULARELLA SP.             |           |   | X |
| SERTULARELLA PINNIGERA       | X         | X | X |
| DYNAMENA POURTALESI          |           |   | X |
| PLUMULARIA NIGRA             | X         |   | X |
| LOPHOGORGIA CARDINALIS       | X         |   | X |
| LOPHOGORGIA BARBADENSIS      |           |   | X |
| PSEUDOPTEROGORGIA ACEROSA    | X         | X |   |
| MANICINA AREOLATA            |           |   | 1 |
| CLADOCORA ARBUSCULA          |           |   | 1 |
| SOLENASTREA HYADES           |           |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 19.

| TAXON                     | REPLICATE |    |    |
|---------------------------|-----------|----|----|
|                           | A         | B  | C  |
| POLYCHAETA                |           |    | X  |
| DIODORA CAYENENSIS        | 1         |    | 2  |
| DIODORA DYSONI            | 1         |    |    |
| CALLIOSTOMA TAMPAENSE     | 2         |    | 1  |
| TURRITELLA ACROPORA       | 1         |    | 1  |
| CERITHIUM EBURNEUM        |           |    | 1  |
| CIRSOTREMA DALLI          | 1         |    |    |
| STROMBUS ALATUS           |           |    | 12 |
| STROMBUS COSTATUS         |           |    | 6  |
| CREPIDULA ACULEATA        | 3         |    | 4  |
| CRUCIBULUM AURICULA       |           |    | 1  |
| POLINICES LACTEUS         | 1         |    |    |
| NATICARIUS CANRENA        | 1         |    |    |
| CHICOREUS FLORIFER        |           |    | 1  |
| PHYLLONOTUS POMUM         |           | 1  |    |
| BAILYA INTRICATA          | 1         |    |    |
| NASSARIUS FLORIDENSIS     |           |    | 1  |
| OLIVA CIRCINATA           | 1         |    |    |
| STRIOTEREBRUM ONSLOWENSIS | 3         |    |    |
| ANADARA FLORIDANA         | 1         |    | 1  |
| ARCA ZEBRA                | 1         |    | 1  |
| PECTEN RAVENELI           | 1         |    |    |
| AEQUIPECTEN MUSCOSUS      | 2         |    | 1  |
| ARGOPECTEN GIBBUS         |           |    | 1  |
| LAEVICARDIUM LAEVIGATUM   |           | 1  | 8  |
| LAEVICARDIUM PICTUM       | 4         | 4  | 4  |
| TELLINA LISTERI           | 3         |    | 6  |
| MACROCALLISTA MACULATA    | 6         | 6  | 11 |
| CHIONE LATILIRATA         |           | 1  | 1  |
| CHIONE CANCELLATA         | 4         |    |    |
| PERIGLYPTA LISTERI        | 5         | 13 |    |
| ARCINELLA CORNUTA         |           | 1  |    |
| GRAPTACME SEMISTRIOIATUM  |           |    | 3  |
| BALANUS VENUSTUS          | 50        |    |    |
| TRACHYPENAEUS CONSTRICTUS |           | 1  |    |
| SICYONIA TYPICA           |           |    | 1  |
| SYNALPHEUS TOWNSENDI      | 1         |    |    |
| SCYLLARUS AMERICANUS      |           |    | 2  |
| MANUCOMPLANUS CORALLINUS  |           |    | 1  |
| PETROLISTHES GALATHINUS   | 1         | 3  | 1  |
| ALBUNEA GIBBESI           | 3         | 1  | 3  |
| PAGURISTES HUMMI          | 5         |    |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 19.

| TAXON                           | REPLICATE |   |    |
|---------------------------------|-----------|---|----|
|                                 | A         | B | C  |
| PAGURISTES PUNTICEPS            | 8         |   | 8  |
| PAGURISTES SERICEUS             | 5         |   | 1  |
| PAGURISTES TORTUGAE             | 1         |   | 2  |
| DROMIDIA ANTILLENIS             |           |   | 1  |
| HYPOCONCHA SABULOSA             |           |   | 1  |
| HYPOCONCHA ARCUATA              | 1         |   |    |
| CALAPPA ANGUSTA                 |           |   | 1  |
| ILIACANTHA INTERMEDIA           | 1         |   |    |
| RANILIA MURICATA                | 1         | 2 |    |
| MITHRAX (MITHRAX) PLEURACANTHUS |           |   | 7  |
| STENORHYNCHUS SETICORNIS        |           | 2 | 1  |
| PORTUNUS GIBBESI                |           | 1 |    |
| PORTUNUS SPINIMANUS             | 1         |   |    |
| PILUMNUS DASYPODUS              | 3         |   | 3  |
| PILUMNUS FLORIDANUS             |           |   | 1  |
| PILUMNUS SAYI                   | 2         |   | 13 |
| PSEUDOMEDAUS AGASSIZI           |           |   | 1  |
| GONODACTYLUS BREDINI            |           | 1 | 2  |
| AMATHIA CONVOLUTA               |           |   | X  |
| AMATHIA DISTANS                 |           | X | X  |
| HIPPOMETRALIELLA BISINUATA      |           |   | X  |
| STYLOPOMA SPONGITES             |           |   | X  |
| BUSKEA DICHOTOMA                |           |   | X  |
| CELLEPORARIA MAGNIFICA          |           | X |    |
| LUIDIA ALTERNATA                |           |   | 1  |
| ASTROPECTEN DUPLICATUS          | 1         |   |    |
| OREASTER RETICULATUS            |           |   | 1  |
| ECHINASTER SPINULOSUS           | 4         |   | 2  |
| OPHIOLEPIS ELEGANS              | 1         | 1 | 1  |
| OPHIODERMA SP. 1                | 1         |   |    |
| OPHIOTHRIX ANGULATA             | 4         |   | 1  |
| CLYPEASTER SUBDEPRESSUS         | 1         | 1 |    |
| ENCOPE MICHELINI                |           | 2 |    |
| THYONELLA PERVICAX              | 1         |   |    |
| HOLOTHURIA SURINAMENSIS         |           | 1 |    |
| ISOSTICHOPUS BADIONOTUS         |           | 1 |    |
| CLAVELINA PICTA                 | X         |   |    |
| BRANCHIOSTOMA SP.               | 1         |   | 1  |
| TRACHINOCEPHALUS MYOPS          |           | 1 |    |
| HIPPOCAMPUS ERECTUS             |           |   | 1  |
| SCORPAENA BRASILIENSIS          |           |   | 1  |
| SERRANUS CHIONARIA              |           | 1 |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
 LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 19.

| TAXON                      | REPLICATE |   |   |
|----------------------------|-----------|---|---|
|                            | A         | B | C |
| RYPTICUS BISTRIPINUS       |           | 1 |   |
| DACTYLOSCOPUS TRIDIGITATUS | 1         | 1 | 1 |
| SYMPHURUS UROSPILUS        |           | 1 |   |
| LACTOPHRYS QUADRICORNIS    |           |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 21.

| TAXON                            | REPLICATE |   |   |
|----------------------------------|-----------|---|---|
|                                  | A         | B | C |
| CAULERPA CUPRESSOIDES            | X         |   |   |
| HALIMEDA GRACILIS                | X         |   | X |
| CYSTODICTYON PAVONIUM            | X         | X | X |
| ANADYOMENE MENZIESII             | X         |   |   |
| SARGASSUM SP.                    |           | X | X |
| SARGASSUM FILIPENDULA            |           |   | X |
| NEREIA TROPICA                   |           |   | X |
| SOLIERRA TENERA                  | X         |   |   |
| GRACILARIA ORNATA                | X         |   | X |
| LITHOTHAMNIUM RUPTILE            | X         | X |   |
| RHODYMENIA SP.                   | X         |   |   |
| BOTRYOCLADIA SP.                 | X         |   |   |
| BOTRYOCLADIA OCCIDENTALIS        | X         | X | X |
| LEPTOFAUCHEA RHODYMENIOIDES      |           |   | X |
| GLOIODERMA ATLANTICA             | X         |   |   |
| DASYA SP.                        |           | X | X |
| DASYOPSIS SPINULIGERA            |           |   | X |
| LAURENCIA INTRICATA              | X         |   |   |
| LAURENCIA CHONDRIOIDES           |           |   | X |
| WRIGHTIELLA BLODGETTII           |           | X | X |
| THALASSIA TESTUDINUM             |           | X |   |
| LEUCETTA SP.                     | X         |   |   |
| LEUCOSOLENIA SP.                 |           |   | X |
| ? LEUCOSOLENIA SPP.              |           |   | X |
| HYATTELLA INTESTINALIS           |           | X |   |
| IRCINIA CAMPANA                  | X         | X |   |
| IRCINIA STROBILINA               | X         | X | X |
| IRCINIA FELIX                    | X         |   |   |
| ? DYSIDEA SPP.                   | X         |   |   |
| APLYSINA FISTULARIS V. FULVA     | X         |   |   |
| AIOLOCHROIA CRASSA               | X         | X |   |
| IGERNELLA ? NOTABILIS            | X         | X |   |
| HALICLONA COMPRESSA              | X         |   |   |
| NIPHATES DIGITALIS               |           | X |   |
| NIPHATES ERECTA                  | X         | X |   |
| SPINOSELLA PLECTIFERA            |           | X |   |
| SPINOSELLA VAGINALIS V. ARMIGERA | X         | X |   |
| ? NIPHATES SP.                   |           |   | X |
| ? GELLIUS SPP.                   | X         |   |   |
| SIGMADOCIA SPP.                  | X         |   |   |
| NEPHELIOSPONGIIDAE               |           | X |   |
| XESTOSPONGIA SP.                 | X         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 21.

| TAXON                           | REPLICATE |   |   |
|---------------------------------|-----------|---|---|
|                                 | A         | B | C |
| ARGOPECTEN GIBBUS               |           | 3 | 3 |
| LYROPECTEN NODOSUS              | 1         | 1 |   |
| LYROPECTEN ANTILLARUM           |           | 1 |   |
| PLICATULA GIBBOSA               |           |   | 1 |
| LIMA PELLUCIDA                  | 1         |   |   |
| AMERICARDIA MEDIA               | 1         |   |   |
| VENTRICOLARIA RUGATINA          |           | 1 |   |
| CORBULA DIETZIANA               | 1         |   |   |
| GASTROCHAENA HIANIS             | 1         |   |   |
| HIATELLA ARCTICA                | 2         | 1 | 2 |
| LYONSIA BEANA                   |           |   | 1 |
| PSEUDOCHEMA RADIANS             | 1         |   |   |
| MEMBRANOBALANUS DECLIVIS        |           | 2 |   |
| SYNALPHEUS GOODEI               |           |   | 1 |
| SYNALPHEUS PANDIONIS            | 1         | 2 |   |
| LYSMATA RATHBUNAE               | 2         |   |   |
| SCYLLARUS CHACEI                | 1         | 1 |   |
| SCYLLARIDES NODIFER             |           |   | 1 |
| PAGURUS BREVIDACTYLUS           | 2         |   | 1 |
| PHIMOCHIRUS HOLTHUISI           | 1         |   |   |
| MUNIDA ANGULATA                 | 1         |   |   |
| PACHYCHELES RUGIMANUS           | 2         |   |   |
| PACHYCHELES ACKLEIANUS          | 2         |   |   |
| PARAPETROLISTHES TORTUGENSIS    | 2         |   |   |
| DARDANUS FUCOSUS                | 1         |   | 1 |
| PAGURISTES SERICEUS             | 6         | 5 | 4 |
| PAGURISTES TRIANGULATUS         | 1         |   |   |
| PETROCHIRUS DIOGENES            |           |   | 1 |
| DROMIDIA ANTILLENIS             | 9         | 9 | 8 |
| CALAPPA ANGUSTA                 |           |   | 3 |
| CALLIDACTYLUS ASPER             | 2         |   |   |
| ILIACANTHA SPARSA               | 1         | 1 |   |
| MACROCOELOMA CF. TRISPINOSUM    | 6         | 5 | 6 |
| MITHRAX (MITHRAX) ACUTICORNIS   | 8         | 7 | 8 |
| MITHRAX (MITHRAX) PLEURACANTHUS | 3         | 2 | 2 |
| PODOCHELA SIDNEYI               |           |   | 2 |
| STENOCIONOPS FURCATA FURCATA    |           | 1 |   |
| STENOCIONOPS FURCATA COELATA    | 3         | 2 | 4 |
| STENORHYNCHUS SETICORNIS        | 9         |   | 8 |
| PARTHENOPE FRATERCULUS          |           | 1 |   |
| PARTHENOPE GRANULATA            | 5         |   | 3 |
| CRYPTOPODIA CONCAVA             | 1         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 21.

| TAXON                           | REPLICATE |   |    |
|---------------------------------|-----------|---|----|
|                                 | A         | B | C  |
| CRONIUS RUBER                   | 2         |   |    |
| PORTUNUS ORDWAYI                | 1         |   |    |
| CARPOPORUS PAPULOSUS            |           |   | 1  |
| MICROPANOPE LAEVIMANUS          | 10        | 3 | 4  |
| PILUMNUS FLORIDANUS             | 7         | 6 | 3  |
| PARACTAEA RUFOPUNCTATA NODOSA   | 1         |   |    |
| PALICUS ALTERNATUS              | 1         |   |    |
| GONODACTYLUS BREDINI            | 1         |   |    |
| AMATHIA CF. DISTANS             |           |   | X  |
| SMITTIPORA LEVINSANI            | X         | X |    |
| STEGANOPORELLA MAGNILABRIS      | X         | X | X  |
| NELLIA OCLATA                   | X         |   | X  |
| BUGULA NERITINA                 |           |   | X  |
| HIPPOMETRALIELLA BISINUJATA     |           |   | X  |
| CIGCLISULA CF. TURRITA          | X         | X | X  |
| STYLOPOMA SPONGITES             |           | X | X  |
| RETEPORELLINA EVELINAE          | X         |   |    |
| BRACEBRIDGIA SUBSULCATA         | X         | X | X  |
| CELLEPORARIA ALBIROSTRIS        | X         | X | X  |
| CELLEPORARIA MAGNIFICA          | X         |   | X  |
| IDMIDRONEA ATLANTICA            | X         |   | X  |
| CRISIA ELONGATA                 | X         |   |    |
| OPHIODERMA APPRESSUM            | 1         |   |    |
| OPHIOTHRIX ANGLULATA            | 11        | 5 | 16 |
| OPHIOTHRIX SUENSONII            | 2         |   | 1  |
| ARBACIA PUNCTULATA              | 5         | 3 | 9  |
| GENOCIDARIS MACULATA            |           |   | 2  |
| LYTECHINUS VARIEGATUS CAROLINUS | 1         |   | 1  |
| CLYPEASTER SUBDEPRESSUS         | 1         |   | 2  |
| ASCIDIACEA-APLOUSOBRANCHIA      | X         |   |    |
| CLAVELINA SP.                   | X         |   |    |
| CLAVELINA GIGANTEA              | X         | X | X  |
| CLAVELINA PICTA                 |           |   | X  |
| CLAVELINA SP. 3                 |           | X |    |
| EUDISTOMA CAPSULATUM            | X         |   | X  |
| POLYCLINUM CONSTELLATUM         | X         |   | X  |
| APLIDIUM EXILE                  | X         | X |    |
| APLIDIUM SP. 2                  | X         | X |    |
| APLIDIUM SP. 1                  | X         |   |    |
| DIDEMNUM CANDIDUM               | X         | X | X  |
| ASCIDIA SP.                     | X         |   | X  |
| RHOPALAEA ABDOMINALIS           | X         |   |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 21.

| TAXON                  | REPLICATE |   |   |
|------------------------|-----------|---|---|
|                        | A         | B | C |
| OPSANSUS PARDUS        | 1         | 1 |   |
| EPINEPHELUS MORIO      |           |   | 1 |
| SERRANUS PHOEBE        |           |   | 1 |
| SERRANUS TIGRINUS      | 1         |   |   |
| PARABLENNIUS MARMOREUS |           | 1 | 1 |
| STARXSIA SP.           | 1         | 1 |   |
| CORYPHOPTERUS DICRUS   |           | 2 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 23.

| TAXON                      | REPLICATE |   |   |
|----------------------------|-----------|---|---|
|                            | A         | B | C |
| HALIMEDA GRACILIS          |           | X |   |
| PALMELLACEAE N. SP.        | X         | X | X |
| ANADYOMENE MENZIESII       | X         | X | X |
| LOBOPHORA VARIEGATA        | X         |   | X |
| PEYSSONNELIA RUBRA         | X         | X | X |
| PEYSSONNELIA SIMULANS      | X         | X | X |
| LITHOTHAMNIUM CALCAREUM    | X         | X |   |
| LITHOTHAMNIUM RUPTILE      |           |   | X |
| CRYPTONEMIACEAE            | X         | X | X |
| RHODYMENIA SP.             |           | X |   |
| MARIPELTA ATLANTICA        |           | X |   |
| IRCINIA STROBILINA         |           | X |   |
| DYSIDEA ? FRAGILIS         |           | X |   |
| ? DYSIDEA SPP.             | X         |   |   |
| NEPHELIOSPONGIIDAE         |           | X |   |
| ? XESTOSPONGIA SP.         |           |   | X |
| ? NEPHELIOSPONGIIDAE       | X         |   |   |
| ? ADOCIIDAE                | X         |   |   |
| ? HYMEDESMIA SP.           |           | X |   |
| BIEMNA SPP.                | X         |   | X |
| BUBARIS SPP.               | X         | X |   |
| DEMOSPONGEA-HADROMERIDA    | X         |   |   |
| ANTHOSIGMELLA VARIANS      |           |   | X |
| PLACOSPONGIA MELOBESIOIDES | X         | X |   |
| CLIONA ? DELITRIX          |           |   | X |
| ? LATRUNCULIA SP.          |           |   | X |
| DEMOSPONGEA-EPIPOLASIDA    | X         |   |   |
| COPPATIIDAE                | X         |   |   |
| GEODIA NEPTUNI             | X         |   |   |
| ERYLUS SPP.                |           | X |   |
| CHONDROSIA SPP.            |           | X |   |
| ? ANCORINIDAE              | X         |   |   |
| DEMOSPONGEA-LITHISTIDA     | X         |   | X |
| DISCODERMIA SP.            | X         |   |   |
| DEMOSPONGEA-AXINELLIDA     |           |   | X |
| HEMECTYON SP.              | X         | X |   |
| EUDENDRIUM CARNEUM         |           | X |   |
| EUDENDRIUM EXIMIUM         | X         |   |   |
| HALECIUM TENELLUM          |           | X |   |
| AGLAOPHENIA ELONGATA       |           | X |   |
| STEPHANOSCPHUS CORNIFORMIS | X         | X |   |
| ELLISELLA ATLANTICA        |           | X |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 21.

| TAXON                      | REPLICATE |   |   |
|----------------------------|-----------|---|---|
|                            | A         | B | C |
| SIPHONODICTYON SIPHONUM    | X         |   | X |
| ? NEPHELIOSPONGIIDAE       |           |   | X |
| MYCALE ? ANGULOSA          |           | X |   |
| NEOFIBULARIA NOLITANGERE   | X         | X |   |
| ? MYCALE SP.               | X         |   |   |
| TEDANIIDAE                 | X         | X |   |
| TEDANIA SP.                | X         | X |   |
| TEDANIA IGNIS              |           |   | X |
| ? LISSODENDORYX SP.        |           |   | X |
| ? FORCEPIA SP.             | X         | X | X |
| MICROCIONA SPP.            | X         | X | X |
| ? MICROCIONA SP.           | X         | X | X |
| HYMEDESMIA SP.             |           |   | X |
| DESMACELLA SP.             | X         |   |   |
| ? BIEMNA SPP.              |           | X | X |
| BUBARIS SPP.               | X         | X |   |
| ? BUBARIS SPP.             | X         |   |   |
| ? MICROCIONIDAE            |           | X |   |
| HALICHONDRIA SPP.          | X         |   |   |
| ? HALICHONDRIA SPP.        | X         |   |   |
| DEMOSPONGEA-HADROMERIDA    | X         |   |   |
| SPIRASTRELLA COCCINEA      | X         |   |   |
| SPIRASTRELLA ? COCCINEA    | X         |   | X |
| SPHECIOSPONGIA VESPARIUM   |           | X | X |
| ANTHOSIGMELLA VARIANS      | X         | X | X |
| PLACOSPONGIA MELOBESIOIDES | X         | X | X |
| TETHYA SP.                 | X         |   |   |
| EPIPOLASIS SPP.            | X         | X |   |
| SCOLOPES MEGASTRA          | X         | X | X |
| JASPIS SPP.                | X         | X |   |
| ? JASPIS SPP.              | X         | X | X |
| MYRIASTRA SPP.             |           | X |   |
| GEODIA GIBBEROSA           | X         | X | X |
| GEODIA ? GIBBEROSA         |           |   | X |
| ERYLUS FORMOSUS            | X         |   |   |
| CINACHYRA KUEKENTHALI      |           | X |   |
| CINACHYRA ALLOCLADA        | X         | X | X |
| CHONDRILLA SP.             |           | X |   |
| CHONDROSIA SPP.            | X         |   | X |
| AXINELLA SPP.              | X         |   |   |
| PSEUDAXINELLA LUNAECHARTA  |           | X |   |
| PSEUDAXINELLA ROSACEA      |           |   | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 21.

| TAXON                          | REPLICATE |   |   |
|--------------------------------|-----------|---|---|
|                                | A         | B | C |
| TEICHAXINELLA SHOEMAKERI       | X         |   |   |
| TEICHAXINELLA CORRUGATA        |           |   | X |
| ENDECTYON SP.                  |           | X |   |
| EURYPONIDAE                    |           | X |   |
| THALYSEURYPON SPP.             |           | X |   |
| DYNAMENA CORNICINA             |           |   | X |
| THYROSCYPHUS MARGINATUS        |           | X | X |
| AGLAOPHENIA ELONGATA           |           | X |   |
| HALOPTERIS CLARKEI             | X         |   |   |
| MONOSTAECNAS QUADRIDENS        |           |   | X |
| GYMNANGIUM SINUOSUM            | X         |   |   |
| STEPHANOSCPHUS CORNIFORMIS     |           | X |   |
| AGARICIA FRAGILIS FRAGILIS     |           |   | X |
| SIDERASTREA RADIANIS           |           | 2 |   |
| ASTRANGIA SOLITARIA            |           |   | 1 |
| OCULINA DIFFUSA                | X         | X |   |
| OCULINA TENELLA                |           |   | X |
| SCOLYMIA LACERA                |           | 2 | 2 |
| POLYCHAETA                     | X         | X | X |
| LUCAPINA AEGIS                 |           | 1 | 1 |
| TURRITELLA ACROPORA            |           |   | 1 |
| TURRITELLA EXOLETA             | 1         | 1 | 1 |
| TRIPHORA DECORATA              |           |   | 1 |
| STROMBUS COSTATUS              |           | 1 |   |
| XENOPHORA CONCHYLIOPHORA       |           |   | 3 |
| TRIVIA MALTBIANA               |           |   | 3 |
| TRIVIA PEDICULUS               |           | 1 |   |
| CYPRAEA SPURCA ACICULARIS      | 2         | 1 |   |
| CYMATIUM LABIOSUM              | 1         |   |   |
| DISTORSIO CONSTRICTA MACGINTYI | 1         |   |   |
| MUREX RUBIDUS                  | 1         |   | 1 |
| FUSINUS EUCOSMIUS              |           | 1 |   |
| PLEUROPLOCA GIGANTEA           |           | 1 |   |
| PRUNUM ROOSEVELTI              | 1         |   |   |
| POLYSTIRA ALBIDA               | 2         | 1 | 2 |
| CONUS AMPHIURGUS               |           |   | 1 |
| ? DISCODORIS SP.               |           | 1 |   |
| GASTROPODA EGGS                | X         | X | X |
| PINCTADA IMBRICATA             | 1         |   |   |
| CHLAMYS BENEDICTI              | 2         |   | 8 |
| PECTEN CHAZALIEI               |           | 2 | 1 |
| AEQUIPECTEN MUSCOSUS           | 2         | 1 | 2 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 23.

| TAXON                      | REPLICATE |   |   |
|----------------------------|-----------|---|---|
|                            | A         | B | C |
| MADRACIS ASPERULA          |           |   | X |
| MADRACIS MIRABILIS         |           |   | X |
| MADRACIS BRUEGGEMANNI      | X         |   | X |
| POLYCHAETA                 | X         |   | X |
| TURBO SP.                  |           |   | 1 |
| TURBO CREMULATUS           | 1         |   | 2 |
| ASTRAEA PHOEBIA            |           | 1 | 1 |
| TURRITELLA ACROPORA        | 2         |   |   |
| TURRITELLA EXOLETA         | 2         |   |   |
| CHICOREUS N. SP. 2         |           | 2 |   |
| MUREX BELLEGLADENSIS       | 1         |   |   |
| FUSINUS EUCOSMIUS          | 1         |   |   |
| ANISODORIS WORKI           |           | 1 |   |
| GASTROPODA EGGS            | X         |   |   |
| PECTEN CHAZALIEI           | 2         |   |   |
| MESOPENAEUS TROPICALIS     | 1         | 1 |   |
| ALPHEUS CF. AMBLYONYX      |           | 1 |   |
| SYNALPHEUS PANDIONIS       | 1         |   |   |
| TRACHYCARIIS RESTRICTUS    |           | 1 |   |
| SCYLLARUS DEPRESSUS        | 1         |   | 1 |
| SCYLLARUS CHACEI           |           | 1 |   |
| MUNIDA ANGULATA            | 2         |   |   |
| MUNIDA PUSILLA             | 2         | 3 |   |
| GALATHEA ROSTRATA          |           | 1 |   |
| DARDANUS INSIGNIS          |           |   | 1 |
| PAGURISTES HERNANCORTEZI   | 1         |   |   |
| PAGURISTES SERICEUS        | 1         |   |   |
| CALAPPA ANGUSTA            | 1         |   |   |
| PARTHENOPE FRATERCULUS     | 1         | 1 | 1 |
| PORTUNUS FLORIDANUS        | 1         |   |   |
| MELYBIA THALAMITA          |           | 1 |   |
| MEIOSQUILLA QUADRIDENS     |           |   | 1 |
| GONODACTYLUS TORUS         | 3         | 3 | 1 |
| STEGANOPORELLA MAGNILABRIS |           | X |   |
| BUGULA NERITINA            |           |   | X |
| CIGCLISULA PERTUSA         |           |   | X |
| STYLOPOMA SPONGITES        |           | X |   |
| BRACEBRIDGIA SUBSULCATA    | X         | 2 |   |
| TOSIA PARVA                |           | 2 |   |
| OPHIOMYXA FLACCIDA         | 4         | 3 |   |
| OPHIONEREIS RETICULATA     | 1         |   | 1 |
| OPHIONEREIS OLIVACEA       |           |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
 LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 23.

| TAXON                             | REPLICATE |    |   |
|-----------------------------------|-----------|----|---|
|                                   | A         | B  | C |
| OPHIODERMA RUBICUNDUM             | 8         | 2  |   |
| OPHIODERMA SP. 1                  |           | 1  |   |
| OPHIOSTIGMA ISOCANTHA             |           | 1  |   |
| OPHIOTHRIX ANGULATA               | 14        | 24 | 4 |
| EUCIDARIS TRIBULOIDES TRIBULOIDES | 1         |    |   |
| STYLOCIDARIS AFFINIS              | 3         | 1  |   |
| COMACTINIA ECHINOPTERA            |           |    | 2 |
| DIDEMNUM CANDIDUM                 | X         | X  |   |
| SCORPAENA AGASSIZI                | 1         |    |   |
| SCORPAENA BRASILIENSIS            |           |    | 1 |
| SCORPAENA DISPAR                  | 3         |    |   |
| MONACANTHUS CILIATUS              |           |    | 1 |

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TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 27.

| TAXON                        | REPLICATE |   |   |
|------------------------------|-----------|---|---|
|                              | A         | B | C |
| CAULERPA TAXIFOLIA           | X         | X | X |
| HALIMEDA GRACILIS            | X         | X | X |
| SARGASSUM SP.                |           |   | X |
| LITHOTHAMNIUM CALCAREUM      | X         |   |   |
| THALASSIA TESTUDINUM         |           |   | X |
| SYRINGODIUM FILIFORME        | X         |   |   |
| LEUCETTA SP.                 |           | X |   |
| LEUCOSOLENIA SP.             | X         |   |   |
| ? LEUCOSOLENIA SPP.          |           | X |   |
| IRCINIA STROBILINA           | X         | X |   |
| IRCINIA SPP.                 | X         |   |   |
| ? DVYSIDEA SPP.              | X         |   | X |
| APLYSINA FISTULARIS V. FULVA | X         | X |   |
| AIOLOCHROIA CRASSA           |           |   | X |
| CALLYSPONGIA ? FALLAX        |           | X |   |
| NIPHATES ERECTA              |           | X |   |
| ? GELLIUS SPP.               |           | X |   |
| XESTOSPONGIA SP.             |           | X |   |
| SIPHONODICTYON SIPHONUM      |           | X | X |
| ? XESTOSPONGIA SP.           |           | X |   |
| MYCALE ? ANGULOSA            | X         |   |   |
| NEOFIBULARIA NOLITANGERE     | X         | X | X |
| ? MYCALE SP.                 |           | X |   |
| LISSODENDORYX SP.            |           | X |   |
| ? LISSODENDORYX SP.          |           |   | X |
| ? FORCEPIA SP.               | X         | X |   |
| MICROCIONA SPP.              | X         |   |   |
| PANDAROS ? ACANTHIFOLIUM     |           | X |   |
| ? HYMEDESMIA SP.             |           | X |   |
| BIEMNA SPP.                  |           | X |   |
| SPIRASTRELLA COCCINEA        |           | X |   |
| SPIRASTRELLA ? COCCINEA      |           | X |   |
| TIMEA SP.                    | X         |   |   |
| SPHECIOSPONGIA VESPARIUM     |           | X |   |
| ANTHOSIGNELLA VARIANS        | X         | X |   |
| ? TIMEA SPP.                 |           | X |   |
| TERPIOS SP.                  |           |   | X |
| PLACOSPONGIA MELOBESIODES    | X         | X | X |
| CLIONA CELATA                | X         | X |   |
| EPIPOLASIS SPP.              |           | X |   |
| ? EPIPOLASIS SPP.            |           | X |   |
| COPPATIIDAE                  |           | X |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 27.

| TAXON                          | REPLICATE |   |    |
|--------------------------------|-----------|---|----|
|                                | A         | B | C  |
| JASPIS SPP.                    |           | X |    |
| CINACHYRA ALLOCLADA            | X         | X |    |
| ? PLAKINIDAE                   |           | X |    |
| AXINELLA SPP.                  | X         |   |    |
| ? AXINELLA SPP.                | X         |   |    |
| THALYSEURYPON SPP.             |           | X |    |
| CRYPTOLARIA PECTINATA          | X         |   |    |
| DYNAMENA POURTALESI            | X         |   | X  |
| THYROSCYPHUS MARGINATUS        | X         | X | X  |
| AGLAOPHENIA ELONGATA           |           | X |    |
| GYMNANGIUM SINUOSUM            |           | X |    |
| SYNTHECIUM TUBITHECUM          | X         | X | X  |
| STEPHANOSCPHUS CORNIFORMIS     | X         | X | X  |
| TELESTO SANGUINEA              | X         |   |    |
| TELESTO FRUTICULOSA            | X         |   |    |
| MADRACIS ASPERULA              | X         |   |    |
| MANICINA AREOLATA              |           |   | X  |
| OCULINA TENELLA                | X         | X | X  |
| POLYCHAETA                     | X         | X |    |
| CALLIOSTOMA MARIONAE           |           | 1 |    |
| ARCHITECTONICA NOBILIS         |           |   | 1  |
| TURRITELLA EXOLETA             | 8         |   | 10 |
| NISO HENDERSONI                |           |   | 1  |
| STROMBUS COSTATUS              | 1         |   |    |
| CRUCIBULUM AURICULA            |           |   | 2  |
| CYPRAEA SPURCA ACICULARIS      |           | 3 |    |
| DISTORSIO CLATHRATA            |           |   | 1  |
| DISTORSIO CONSTRICTA MACGINTYI |           | 1 |    |
| CHICOREUS FLORIFER             |           | 1 |    |
| MUREX CABRITII                 |           |   | 1  |
| MUREX BELLEGLADENSIS           | 3         | 1 |    |
| CANTHARUS N. SP.               |           | 1 |    |
| FUSINUS TIMESSUS               | 1         |   |    |
| OLIVA CIRCINATA                |           | 1 |    |
| CANCELLARIA N. SP.             | 1         |   | 1  |
| TRIGONOSTOMA TENERUM           | 1         |   |    |
| POLYSTIRA ALBIDA               | 3         | 2 | 6  |
| CONUS AMPHIURGUS               |           | 1 | 1  |
| ? DISCODORIS SP.               |           | 1 |    |
| GASTROPODA EGGS                | X         | X | X  |
| CHLAMYS BENEDICTI              | 3         | 1 |    |
| AEQUIPECTEN MUSCOSUS           |           |   | 1  |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 27.

| TAXON                         | REPLICATE |   |   |
|-------------------------------|-----------|---|---|
|                               | A         | B | C |
| NEMOCARDIUM TINCTUM           | 1         |   |   |
| LAEVICARDIUM LAEVIGATUM       |           | 1 |   |
| LAEVICARDIUM PICTUM           | 8         | 2 |   |
| METAPENAEOPSIS GOODEI         |           | 1 |   |
| SICYONIA BREVIROSTRIS         | 1         |   |   |
| SICYONIA DORSALIS             | 1         |   |   |
| ALPHEIDAE                     |           | 1 |   |
| SYNALPHEUS PANDIONIS          |           | 1 |   |
| SCYLLARUS CHACEI              | 1         |   | 2 |
| PAGURUS BREVIDACTYLUS         | 1         | 1 |   |
| IRIDOPAGURUS CARIBBENSIS      |           | 1 |   |
| MANUCOMPLANUS CORALLINUS      | 3         | 1 |   |
| PHIMOCIRUS HOLTHUISI          | 1         |   | 1 |
| GALATHEA ROSTRATA             |           | 1 |   |
| PACHYCHELES RUGIMANNUS        |           | 1 |   |
| DARDANUS FUCOSUS              |           |   | 1 |
| DARDANUS INSIGNIS             |           |   | 1 |
| PAGURISTES HERNANCORTEZI      | 2         |   | 1 |
| PAGURISTES SERICEUS           | 3         | 4 | 3 |
| PAGURISTES TRIANGULATUS       | 1         |   | 1 |
| DROMIDIA ANTILLENIS           |           | 5 |   |
| HYPOCONCHA SPINOSISSIMA       |           | 1 |   |
| CALAPPA ANGUSTA               |           | 2 |   |
| CALAPPA GALLUS                | 1         |   |   |
| CYCLOES BAIRDI                |           | 1 |   |
| LITHADIA GRANULOSA            |           | 1 |   |
| ILIACANTHA SPARSA             | 1         | 1 |   |
| SYMETHIS VARIOLOSA            | 2         |   |   |
| COLLODES TRISPINOSUS          | 2         | 2 |   |
| MACROCOELOMA SEPTENSPINOSUM   | 1         |   |   |
| MITHRAX (MITHRAX) ACUTICORNIS | 1         | 8 |   |
| PODOCHELA SIDNEYI             |           | 1 | 1 |
| STENOCIONOPS FURCATA FURCATA  | 1         | 3 |   |
| STENOCIONOPS FURCATA COELATA  |           | 2 |   |
| STENORHYNCHUS SETICORNIS      | 4         | 3 | 1 |
| PARTHENOPE AGONA              | 1         |   |   |
| PARTHENOPE FRATERCULUS        |           | 7 |   |
| PARTHENOPE GRANULATA          |           |   | 3 |
| PORTUNUS SPINICARPUS          |           | 1 | 3 |
| PILUMNUS FLORIDANUS           | 1         |   | 1 |
| PSEUDOMEDAEUS DISTINCTUS      |           | 2 |   |
| PALICUS AFFINIS               |           | 1 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 27.

| TAXON                             | REPLICATE |   |   |
|-----------------------------------|-----------|---|---|
|                                   | A         | B | C |
| PALICUS ALTERNATUS                |           |   | 2 |
| MEMBRANIPORA TUBERCULATA          |           |   | X |
| STEGANOPORELLA MAGNILABRIS        | X         | X | X |
| NELLIA OCVLATA                    |           |   | X |
| BUGULA NERITINA                   |           |   | X |
| CUPULADRIA BIPOROSA               |           |   | X |
| CIGCLISULA CF. TURRITA            | X         | X |   |
| STYLOPOMA SPONGITES               | X         | X |   |
| HIPPOPORIDRA EDAX                 | X         |   | X |
| BRACEBRIDGIA SUBSULCATA           | X         | X |   |
| REPTADEONELLA VIOLACEA            | X         |   |   |
| HIPPALIOSINA ROSTRIGERA           |           |   | X |
| CELLEPORARIA ALBIROSTRIS          | X         | X | X |
| CELLEPORARIA MAGNIFICA            | X         |   |   |
| IDMIDRONEA ATLANTICA              | X         | X |   |
| CRISIA ELONGATA                   |           | X |   |
| LUIDIA CLATHRATA                  |           |   | 2 |
| CHAETASTER NODOSUS                |           | 1 |   |
| OPHIOLEPIS ELEGANS                | 2         |   | 4 |
| OPHIONEREIS OLIVACEA              | 1         |   |   |
| AMPHIURIDAE                       | 1         |   |   |
| OPHIOSTIGMA ISOCANTHA             | 1         |   |   |
| OPHIOTHRIX ANGULATA               |           | 3 | 1 |
| EUCIDARIS TRIBULOIDES TRIBULOIDES |           | 1 |   |
| ARBACIA PUNCTULATA                |           |   | 2 |
| GENOCIDARIS MACULATA              | 3         |   |   |
| LYTECHINUS VARIEGATUS             |           | 1 |   |
| RHABDOPLEURA COMPACTA             |           |   | 1 |
| ASCIDIACEA                        |           | X |   |
| CLAVELINA SP. 1                   |           | X |   |
| EUDISTOMA SP. 1                   |           | X |   |
| APLIDIUM SP. 3                    |           | X |   |
| APLIDIUM SP. 2                    |           | X |   |
| DIDEMNUM CANDIDUM                 | X         | X | X |
| OGCOEPHALUS PARVUS                |           |   | 1 |
| OGCOEPHALUS CORNIGER              |           |   | 1 |
| HALIEUTICHTHYS ACULEATUS          | 1         |   | 1 |
| CORYTHOICHTHYS ALBIROSTRIS        |           |   | 2 |
| SCORPAENA AGASSIZI                | 1         |   |   |
| SCORPAENA INERMIS                 |           |   | 1 |
| APOGON MACULATUS                  |           |   | 1 |
| CHROMIS ENCHRYSURUS               |           | 1 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 27.

| TAXON                 | REPLICATE |   |   |
|-----------------------|-----------|---|---|
|                       | A         | B | C |
| CORYPHOPTERUS DICRUS  | 1         |   |   |
| CYCLOPSETTA FIMBRIATA |           |   | 1 |
| SYACIUM PAPILLOSUM    |           | 1 |   |
| SPHOEROIDES SPENGLERI | 1         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 29.

| TAXON                          | REPLICATE |   |   |
|--------------------------------|-----------|---|---|
|                                | A         | B | C |
| OSTREOBIMUM QUEKETTII          | X         |   |   |
| PALMELLACEAE N. SP.            | X         | X |   |
| ANADYOMENE MENZIESII           | X         | X | X |
| PEYSSONNELIA RUBRA             |           | X | X |
| PEYSSONNELIA SIMULANS          | X         | X | X |
| LITHOTHAMNIUM SP.              |           | X |   |
| LITHOTHAMNIUM CALCAREUM        |           | X |   |
| LITHOTHAMNIUM RUPTILE          |           | X | X |
| WALDOIA ANTILLANA              | X         | X |   |
| CALCAREA                       |           | X |   |
| LEUCETTA ? FLORIDANA           | X         |   | X |
| ? LEUCOSOLENIA SPP.            |           | X |   |
| DEMOSPONGEA                    |           |   | X |
| IRCINIA CAMPANA                | X         |   |   |
| IRCINIA STROBILINA             | X         |   | X |
| DYSIDEA FRAGILIS               | X         |   |   |
| ? DYSIDEA SPP.                 | X         | X |   |
| AILOCHROIA CRASSA              | X         |   |   |
| NEPHELIOSPONGIIDAE             | X         |   |   |
| XESTOSPONGIA SP.               |           |   | X |
| XESTOSPONGIA ? SUBTRIANGULARIS | X         | X |   |
| ? XESTOSPONGIA SP.             |           | X | X |
| ? NEPHELIOSPONGIIDAE           | X         |   |   |
| BUBARIS SPP.                   |           | X | X |
| ? BUBARIS SPP.                 |           | X | X |
| CLIONA SCHMIDTI                |           |   | X |
| ? LATRUNCULIA SP.              | X         |   |   |
| ? CLIONIDAE                    |           | X |   |
| EPIPOLASIS SPP.                | X         |   |   |
| COPPATIIDAE                    | X         |   |   |
| JASPIS SPP.                    |           | X | X |
| MYRIASTRA SPP.                 |           | X |   |
| STOEBA SP.                     | X         |   | X |
| ? MYRIASTRA SP.                | X         | X |   |
| GEODIA NEPTUNI                 |           |   | X |
| GEODIA GIBBEROSA               | X         |   |   |
| DISCODERNIA SP.                |           | X |   |
| PSEUDAXINELLA LUNAECHARTA      |           | X |   |
| EUDENDRIUM CARNEUM             |           |   | X |
| LAFOEA FRUTICOSA               |           | X |   |
| STEPHANOSCYPHUS CORNIFORMIS    |           | X |   |
| ANTIPATHIDAE                   | X         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 29.

| TAXON                               | REPLICATE |   |   |
|-------------------------------------|-----------|---|---|
|                                     | A         | B | C |
| LIGNELLA RICHARDI                   |           |   | X |
| KERATOISIS FLEXIBILIS               |           |   | X |
| MADRACIS DECACTIS                   | X         | X |   |
| MADRACIS FORMOSA                    | X         | X | X |
| MADRACIS BRUEGGEMANNI               | X         |   |   |
| AGARICIA LAMARCKI                   |           | X |   |
| AGARICIA FRAGILIS CONTRACTA         | X         | X | X |
| AGARICIA FRAGILIS FRAGILIS          | X         | X | X |
| AGARICIA AGARICITES                 |           | 1 |   |
| PORITES ASTREOIDES                  | X         |   |   |
| MANICINA AREOLATA                   | 1         | 1 |   |
| POLYCHAETA                          | X         | X | X |
| TURBO CAILLETTI                     | 1         |   | 1 |
| MODULUS MODULUS                     |           | 1 |   |
| CERITHIUM LITTERATUM SEMIFERRUGINEA | 1         | 2 | 1 |
| SILIQUARIA SQUAMATA                 | 1         | 1 | 1 |
| CORALLIOPHILA ABBREVIATA            |           | 1 |   |
| CONUS AMPHIURGUS                    | 2         |   |   |
| CONUS FLAMINGO                      |           |   | 1 |
| GASTROPODA EGGS                     | X         |   |   |
| TONICIA SCHRAMMI                    | 1         |   |   |
| BARBATIA DOMINGENSIS                | 1         |   |   |
| CHLAMYS BENEDICTI                   |           | 1 |   |
| SPONDYLUS ? AMERICANUS              |           | 1 |   |
| METAPENAEOPSIS GERARDOI             |           | 1 |   |
| MITHRAX (MITHRAX) ACUTICORNIS       | 1         | 2 |   |
| STENORHYNCHUS SETICORNIS            |           | 5 |   |
| STILBOGNATHUS BURRYI                | 1         |   |   |
| MICROPANOPE CF. LOBIFRONS           |           | 3 |   |
| PLATYACTAEA SP. A                   | 1         | 1 |   |
| GONODACTYLUS TORUS                  |           | 1 |   |
| MOLLIA POTELLARIA                   |           | X |   |
| STEGANOPORELLA MAGNILABRIS          |           |   | X |
| STYLOPOMA SPONGITES                 |           | X |   |
| HIPPOPORIDRA EDAX                   |           |   | X |
| REPTADEONELLA VIOLACEA              |           | X |   |
| MASTIGOPHORA POROSA                 |           | X |   |
| CELLEPORARIA ALBIROSTRIS            | X         | X | X |
| CELLEPORARIA MAGNIFICA              |           | X |   |
| PORANIELLA REGULARIS                | 1         | 3 | 1 |
| SOLASTER CARIBBAEUS                 |           |   | 1 |
| OPHIOMYXA FLACCIDA                  |           | 1 | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 29.

| TAXON                         | REPLICATE |   |   |
|-------------------------------|-----------|---|---|
|                               | A         | B | C |
| OPHIOZONA (SENSU LATO) N. SP. |           |   | 1 |
| OPHIOPSILA RIISEI             | 1         |   |   |
| OPHIONEREIS RETICULATA        |           | 1 | 1 |
| OPHIODERMA RUBICUNDUM         | 4         | 5 | 4 |
| OPHIODERMA SP. 1              | 1         |   |   |
| OPHIACANTHA LITTORALIS        | 1         |   |   |
| OPHIACTIS MULLERI             | 2         | 5 | 1 |
| OPHIOTHRIX ANGULATA           |           | 4 |   |
| DIADEMA ANTILLARUM            |           | 1 |   |
| ARBACIA PUNCTULATA            | 4         | 5 | 1 |
| NEMASTER DISCOIDEA            |           | 1 |   |
| COMACTINIA MERIDIONALIS       |           | 1 |   |
| ANALCIDOMETRA ARMATA          | 1         |   |   |
| ASCIDIACEA                    | X         |   |   |
| CLAVELINA GIGANTEA            |           | X |   |
| EUDISTOMA SP. 3               |           | X |   |
| EUDISTOMA SP. 2               |           | X |   |
| APLIDIUM BERMUDAEE            |           | X |   |
| APLIDIUM EXILE                |           | X |   |
| APLIDIUM SP. 3                | X         |   |   |
| DIDEMNUM CANDIDUM             | X         | X | X |
| TRIDIDEMNUM ORBICULATUM       | X         |   |   |
| TRIDIDEMNUM SP. 3             |           |   | X |
| SCORPAENA DISPAR              |           | 1 |   |
| SHULTZEA BETA                 | 1         |   |   |
| RYPTICUS BISTRISPINUS         |           | 1 |   |
| PSEUDOGRAMMA BERMUDENSIS      | 1         |   |   |
| CHAETODON OCELLATUS           |           | 1 | 1 |
| CHROMIS ENCHRYSURUS           |           |   | 1 |
| CHROMIS SCOTTI                | 1         |   |   |
| EUPOMACENTRUS PARTITUS        |           | 1 |   |
| SPARISOMA ATOMARIUM           | 1         |   |   |
| BOTHUS ROBINSI                |           | 1 |   |
| MONACANTHUS CILIATUS          |           | 1 | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 30.

| TAXON                     | REPLICATE |   |   |
|---------------------------|-----------|---|---|
|                           | A         | B | C |
| CAULERPA TAXIFOLIA        |           | X |   |
| PALMELLACEAE N. SP.       | X         | X | X |
| ANADYOMENE MENZIESII      | X         | X | X |
| SARGASSUM FLUITANS        |           | X |   |
| PEYSSONNELIA RUBRA        | X         | X |   |
| PEYSSONNELIA SIMULANS     |           |   | X |
| LITHOTHAMNIUM CALCAREUM   | X         |   | X |
| LITHOTHAMNIUM RUPTILE     | X         | X |   |
| MELOBESIA SP.             |           | X |   |
| ? DYSIDEA SPP.            |           | X | X |
| APLYSINA FISTULARIS       | X         |   |   |
| DEMOSPONGEA-HAPLOSCLERIDA |           |   | X |
| ? HALICLONA SPP.          |           |   | X |
| TOXADOCIA SP.             |           |   | X |
| NEPHELIOSPONGIIDAE        |           | X |   |
| ? XESTOSPONGIA SP.        |           | X |   |
| ? NEPHELIOSPONGIIDAE      |           | X |   |
| ? MICROCIONA SP.          | X         |   |   |
| BIEMNA SPP.               | X         | X |   |
| BUBARIS SPP.              |           | X | X |
| ? BUBARIS SPP.            |           | X |   |
| ? HALICHONDRIA SPP.       |           | X | X |
| DEMOSPONGEA-EPIPOLASIDA   | X         |   |   |
| ? JASPIS SPP.             |           | X |   |
| GEODIA NEPTUNI            |           | X |   |
| ERYLUS FORMOSUS           | X         | X | X |
| CINACHYRA ALLOCLADA       | X         |   |   |
| ? PLAKINASTRELLA SP.      |           |   | X |
| DEMOSPONGEA-LITHISTIDA    | X         | X |   |
| DISCODERMIA SP.           |           | X | X |
| TEICHAXINELLA SHOEMAKERI  | X         | X | X |
| RASPAILIIDAE              |           | X |   |
| EUDENDRIUM SP.            |           |   | X |
| EUDENDRIUM CARNEUM        |           | X |   |
| EUDENDRIUM EXIMIUM        |           | X |   |
| CLYTIA CYLINDRICA         |           | X |   |
| SERTULARELLA CONICA       |           | X |   |
| DYNAMENA CORNICINA        |           | X | X |
| THYROSCYPHUS MARGINATUS   | X         | X |   |
| HALECIUM TENELLUM         |           | X |   |
| AGLAOPHENIA ELONGATA      |           |   | X |
| SYNTHECIUM TUBITHECUM     |           | X |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
 LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 30.

| TAXON                         | REPLICATE |   |   |
|-------------------------------|-----------|---|---|
|                               | A         | B | C |
| STEPHANOSCYPHUS CORNIFORMIS   | X         | X | X |
| ANTIPATHIDAE                  | X         | X |   |
| TELESTO OPERCULATA            |           | X |   |
| DIODOGORGIA NODULIFERA        | X         |   |   |
| THESEA PLANA                  |           | X |   |
| THESEA CITRINA                | X         | X | X |
| SCLERACIS GUADALUPENSIS       | X         | X | X |
| CALIACIS MUTANS               |           | X | X |
| NICELLA SCHMITTI              | X         | X |   |
| MADRACIS FORMOSA              |           | X |   |
| MADRACIS MIRABILIS            |           | X |   |
| AGARICIA FRAGILIS CONTRACTA   |           |   | X |
| POLYCHAETA                    | X         |   |   |
| TURBO CRENLATUS               | 1         |   |   |
| SILIQUARIA SQUMATA            | 1         | 3 | 1 |
| SILIQUARIA MODESTA            | 7         | 1 |   |
| LIMA ? SCABRA                 |           | 1 |   |
| CALLISTA EUCYMATA             | 1         |   |   |
| CHAMA CONGREGATA              | 1         |   |   |
| PALLENOPSIS SCHMITTI          | 1         | 1 |   |
| SCYLLARUS DEPRESSUS           |           | 1 |   |
| MUNIDA ANGULATA               | 3         |   |   |
| MUNIDA PUSILLA                |           | 1 |   |
| DROMIDIA ANTILLENENSIS        |           | 1 |   |
| MACROCOELOMA EUTHECA          | 1         |   |   |
| MITHRAX (MITHRAX) ACUTICORNIS |           | 5 |   |
| STENOCIONOPS FURCATA COELATA  |           |   | 1 |
| STENORHYNCHUS SETICORNIS      |           | 1 |   |
| PARTHENOPE FRATERCULUS        |           | 1 |   |
| MICROPANOPE SCULPTIPES        | 5         | 1 |   |
| MICROPANOPE CF. LOBIFRONS     |           | 1 |   |
| MELYBIA THALAMITA             | 2         | 6 | 4 |
| GLYPTOXANTHUS EROSUS          | 2         |   |   |
| NANOPLAX XANTHIFORMIS         |           |   | 1 |
| EUCHIROGRAPSUS AMERICANUS     |           | 1 |   |
| PALICUS AFFINIS               | 2         |   |   |
| GONODACTYLUS TORUS            | 2         | 2 | 2 |
| PSEUDOSQUILLA CILIATA         |           |   | 1 |
| AMATHIA CF. DISTANS           |           | X | X |
| STEGANOPORELLA MAGNILABRIS    | X         | X |   |
| CIGCLISULA PERTUSA            |           | X | X |
| BRACEBRIDGIA SUBSULCATA       | X         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SPRING CRUISE, STATION 30.

| TAXON                     | REPLICATE |   |   |
|---------------------------|-----------|---|---|
|                           | A         | B | C |
| REPTADEONELLA VIOLACEA    |           | X | X |
| CELLEPORARIA ALBIROSTRIS  |           | X |   |
| PARASMITTINA TRISPINOSA   |           | X |   |
| TREMOGASTERINA MUCRONATA  |           |   | X |
| TREMOGASTERINA LANCEOLATA |           | X |   |
| CHAETASTER NODOSUS        |           | 1 |   |
| OPHIDIASTER GUILDINSII    |           | 1 |   |
| PORANIELLA REGULARIS      | 1         |   |   |
| SOLASTER CARIBBAEUS       |           | 2 |   |
| OPHIOMYXA FLACCIDA        |           | 3 |   |
| ASTEROPORPA ANNULATA      | 1         |   |   |
| OPHIODERMA RUBICUNDUM     | 1         | 7 | 1 |
| OPHIACTIS MULLERI         |           | 1 |   |
| STYLOCIDARIS AFFINIS      |           | 1 |   |
| ARBACIA PUNCTULATA        | 1         |   |   |
| COMACTINIA MERIDIONALIS   |           | 1 |   |
| COMACTINIA ECHINOPTERA    |           | 1 |   |
| ANALCIDOMETRA ARMATA      |           | 2 |   |
| DIDEMNUM AMETHYSTEUM      | X         |   |   |
| ANARCHIAS YOSHIAE         | 1         |   | 1 |
| ADIORYX BULLISI           |           | 1 |   |
| HIPPOCAMPUS ERECTUS       |           | 1 |   |
| SERRANUS ANNULARIS        |           | 1 |   |
| SERRANUS CHIONARIA        | 1         |   |   |
| SERRANUS PHOEBE           |           | 3 |   |
| SERRANUS TORTUGARUM       |           | 5 |   |
| PRISTIGENYS ALTA          |           | 1 |   |
| CHAETODON SEDENTARIUS     |           | 1 |   |
| CENTROPYGE ARGY           |           | 1 | 1 |
| SPARISOMA ATOMARIUM       |           | 2 |   |
| MONACANTHUS CILIATUS      | 1         | 6 |   |
| LACTOPHRYS QUADRICORNIS   |           | 1 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 01.

| TAXON                           | REPLICATE |   |   |
|---------------------------------|-----------|---|---|
|                                 | A         | B | C |
| SCHIZOTHRIX MEXICANA            |           |   | X |
| CODIUM ISTHMOCLADUM             |           |   | X |
| CAULERPA PELTATA                |           | X |   |
| CAULERPA CUPRESSOIDES           | X         |   |   |
| CAULERPA SERTULARIOIDES         | X         |   | X |
| CAULERPA MICROPHYSA             | X         |   |   |
| AVRAINVILLEA NIGRICANS          |           | X |   |
| AVRAINVILLEA LONGICAULIS        | X         | X | X |
| HALIMEDA SCABRA                 |           | X | X |
| PENICILLUS CAPITATUS            |           | X |   |
| UDOTEA CONGLUTINATA             | X         | X | X |
| UDOTEA CYATHIFORMIS             | X         | X | X |
| UDOTEA FLABELLUM                |           | X |   |
| UDOTEA SPINULOSA                |           | X |   |
| DICTYOTA SP.                    | X         | X | X |
| DICTYOTA DIVARICATA             |           | X |   |
| DICTYOTA CERVICORNIS            |           | X |   |
| DICTYOTA LINEARIS               |           | X |   |
| SARGASSUM SP.                   |           | X | X |
| SARGASSUM NATANS                |           | X |   |
| SARGASSUM HYSTRIX V. BUXIFOLIUM |           | X | X |
| SARGASSUM HYSTRIX V. HYSTRIX    |           | X |   |
| SARGASSUM VULGARE               |           | X | X |
| SPOROCHNUS PEDUNCULATUS         | X         |   | X |
| ROSENVINGEA INTRICATA           | X         | X | X |
| EUCHEUMA ISIFORME               | X         | X | X |
| GRACILARIA MAMILLARIS           | X         | X | X |
| GRACILARIA DEBILIS              |           | X | X |
| GRACILARIA CERVICORNIS          | X         |   | X |
| GRACILARIA ARMATA               |           | X | X |
| GRACILARIA BLODGETTII           | X         | X | X |
| GRACILARIA COMPRESSA            |           | X |   |
| GRACILARIA USNEOIDES            | X         | X | X |
| PEYSSONNELIA RUBRA              |           | X |   |
| JANIA ADHERENS                  | X         | X | X |
| JANIA CAPILLACEA                | X         | X |   |
| LITHOTHAMNIUM SP.               |           | X |   |
| LITHOTHAMNIUM CALCAREUM         |           | X |   |
| LITHOTHAMNIUM RUPTILE           |           | X |   |
| LITHOTHAMNIUM OCCIDENTALE       |           |   | X |
| GONIOLITHON SP.                 |           | X | X |
| GONIOLITHON SPECTABILE F. NANA  | X         | X |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 01.

| TAXON                       | REPLICATE |   |   |
|-----------------------------|-----------|---|---|
|                             | A         | B | C |
| LOMENTARIA BAILEYANA        | X         |   |   |
| BOTRYOCLADIA OCCIDENTALIS   | X         | X | X |
| LEPTOFAUCHEA RHODYMENIOIDES |           | X |   |
| SPYRIDIA FILAMENTOSA        |           | X | X |
| LAURENCIA INTRICATA         | X         | X | X |
| HALOPHILA DECIPiens         | X         | X | X |
| FORAMINIFERIDA              |           | X | X |
| SPONGIIDAE                  | X         |   |   |
| DYSIDEA SPP.                |           | X |   |
| ? DYSIDEA SPP.              |           |   | X |
| ? HALISARCA SP.             | X         |   |   |
| ? PELLINA SP.               |           | X |   |
| LISSODENDORYX ISODICTYALIS  | X         |   |   |
| IOTROCHOTA BIROTULATA       |           | X |   |
| MICROCIONA PROLIFERA        |           | X |   |
| ? BIEMNA SPP.               |           |   | X |
| CIOCALYPTA SPP.             | X         |   |   |
| OXEOSTILON BURTONI          | X         |   |   |
| PLACOSPONGIA MELOBESIOIDES  | X         |   |   |
| ? TETHYA SP.                | X         |   |   |
| CINACHYRA ALLOCLADA         | X         | X | X |
| DEMOSPONGEA-LITHISTIDA      |           | X |   |
| AXINELLA POLYCAPPELLA       | X         |   |   |
| AXINELLA SPP.               | X         |   |   |
| HOMAXINELLA WALTONSMITHI    | X         |   |   |
| PSEUDAXINELLA ? LUNAECHARTA | X         |   |   |
| PHAKELLIA FOLIUM            | X         |   |   |
| ? PHAKELLIA SP.             |           | X |   |
| ? HIGGINSIA SP.             |           | X |   |
| HEMECTYON ? PEARSEI         | X         |   |   |
| THALYSEURYPON SPP.          | X         |   |   |
| SYNTHECIUM TUBITHECUM       |           | X | X |
| STEPHANOCOENIA MICHELINII   | X         |   |   |
| SIDERASTREA RADIANS         | X         | X | X |
| MANICINA AREOLATA           | X         |   |   |
| CLADOCORA ARBUSCULA         | X         | X | X |
| SOLENASTREA HYADES          | X         | X | X |
| PHYLLANGIA AMERICANA        | X         | X |   |
| POLYCHAETA                  | X         | X | X |
| DIODORA SAYI                |           | 1 |   |
| CERITHIUM EBURNEUM          |           | 1 |   |
| CIRSOTREMA DALLI            |           |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 01.

| TAXON                           | REPLICATE |   |   |
|---------------------------------|-----------|---|---|
|                                 | A         | B | C |
| STROMBUS COSTATUS               |           | 1 | 1 |
| LAMELLARIA LEUCOSPHAERA         | 1         |   |   |
| TRIVIA PEDICULUS                |           |   | 1 |
| TRIVIA SUFFUSA                  | 1         |   |   |
| FASCIOLARIA TULIPA              |           | 1 |   |
| PLEUROPLOCA GIGANTEA            |           | 2 |   |
| OLIVA EDWARDSI                  |           | 1 |   |
| GASTROPODA EGGS                 | X         |   |   |
| HANLEYA N. SP.                  | 1         |   |   |
| ACANTHOCHITONA PYGMAEA          | 1         |   | 1 |
| ANADARA FLORIDANA               |           |   | 1 |
| ARCA ZEBRA                      | 1         |   | 1 |
| PTERIA COLYMBUS                 |           |   | 2 |
| PECTEN RAVENELI                 | 1         |   |   |
| AEQUIPECTEN MUSCOSUS            | 2         |   |   |
| ARGOPECTEN GIBBUS               | 2         |   | 1 |
| NEMOCARDIUM TINCTUM             | 2         |   |   |
| LAEVICARDIUM PICTUM             |           | 1 |   |
| TELLINA LISTERI                 | 1         | 1 |   |
| GASTROCHAENA HIANIS             | 1         |   |   |
| HIATELLA ARCTICA                | 8         | 7 |   |
| CHAMA CONGREGATA                |           | 1 |   |
| CHAMA MACEROPHYLLA              | 4         |   |   |
| DENTALIUM EBOREUM               |           |   | 1 |
| OCTOPUS SP.                     |           | 1 |   |
| OCTOPUS JOUBINI                 |           | 1 |   |
| TRACHYPENAEUS CONSTRICTUS       |           |   | 1 |
| PERICLIMENES AMERICANUS         |           | 2 | 3 |
| SYNALPHEUS TOWNSENDI            | 6         |   | 2 |
| HIPPOLYTE ZOSTERICOLA           |           |   | 2 |
| THOR FLORIDANUS                 |           | 1 | 2 |
| TOZEUMA SERRATUM                |           | 1 |   |
| PAGURUS BREVIDACTYLUS           |           | 1 |   |
| MANUCOMPLANUS CORALLINUS        | 1         |   |   |
| PHIMOSCHIRUS HOLTHUISI          |           | 1 |   |
| PAGURISTES SERICEUS             | 1         |   |   |
| DROMIDIA ANTILLENISIS           |           | 1 |   |
| SPELOEOPHORUS PONTIFER          |           | 1 |   |
| MACROCOELOMA CAMPTOCERUM        |           |   | 2 |
| MITHRAX (MITHRAX) PLEURACANTHUS | 3         |   |   |
| MITHRAX (MITHRACULUS) FORCEPS   | 2         |   |   |
| PODOCHELA RIISEI                |           | 1 | 6 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION O1.

| TAXON                           | REPLICATE |   |    |
|---------------------------------|-----------|---|----|
|                                 | A         | B | C  |
| STENOCIONOPS FURCATA COELATA    |           |   | 1  |
| PARTHENOPE GRANULATA            | 1         |   |    |
| PORTUNUS GIBBESI                | 1         |   | 3  |
| PILUMNUS SAYI                   | 1         |   |    |
| PSEUDOMEDAUS AGASSIZI           | 2         |   |    |
| PALICUS ALTERNATUS              | 1         |   |    |
| GONODACTYLUS BREDINI            | 9         | 1 | 1  |
| NELLIA OCLATA                   | X         | X |    |
| SCRUPOCELLARIA REGULARIS        | X         | X |    |
| CUPULADRIA BIPOROSA             |           |   | X  |
| STYLOPOMA SPONGITES             | X         |   | X  |
| CELLEPORARIA MAGNIFICA          | X         |   | X  |
| ENTALOPHORA PROBOSCIDEOIDES     |           |   | X  |
| ASTROPECTEN DUPLICATUS          | 1         | 1 |    |
| ASTROPECTEN ARTICULATUS         |           | 1 |    |
| ECHINASTER SPINULOSUS           | 1         | 3 |    |
| OPHIOLEPIS ELEGANS              | 2         | 4 | 5  |
| OPHIOPSILA RIISEI               | 2         |   |    |
| OPHIODERMA BREVISPINUM          |           |   | 1  |
| OPHIOSTIGMA ISOCANTHA           |           |   | 1  |
| OPHIOTHRIX ANGULATA             | 3         | 1 | 2  |
| ARBACIA PUNCTULATA              | 1         | 3 | 28 |
| LYTECHINUS VARIEGATUS CAROLINUS |           | 4 | 7  |
| ISOSTICHOPUS BADIONOTUS         | 1         |   |    |
| RHABDOPLEURA COMPACTA           | X         |   | X  |
| DISTAPLIA BERMUDENSIS           | X         |   |    |
| DISTAPLIA STYLIFERA             | X         |   |    |
| APLIDIUM PELLUCIDUM             | X         |   | X  |
| APLIDIUM BERMUDA                |           | X |    |
| APLIDIUM EXILE                  |           | X |    |
| APLIDIUM CONSTELLATUM           | X         | X |    |
| ASCIDIA SP.                     | X         |   |    |
| STYELA PARTITA                  | X         | X | X  |
| SCORPAENA BRASILIENSIS          |           |   | 1  |
| PRIONOTUS ROSEUS                |           |   | 1  |
| CENTROPRISTIS OCYURUS           | 2         | 2 |    |
| DIPLECTRUM BIVITTATUM           | 1         |   |    |
| SERRANICULUS PUMILIO            | 1         |   | 1  |
| SERRANUS SUBLIGARIUS            | 3         |   |    |
| RYPTICUS MACULATUS              | 1         |   |    |
| PRISTIGENYS ALTA                | 1         |   |    |
| EQUETUS LANCEOLATUS             | 1         |   |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 01.

| TAXON                      | REPLICATE |   |   |
|----------------------------|-----------|---|---|
|                            | A         | B | C |
| NICHOLSINA USTA            |           | 1 |   |
| PARABLENNIUS MARMOREUS     | 2         |   |   |
| BOTHUS ROBINSI             |           | 1 |   |
| GYMNACHIRUS MELAS          |           |   | 1 |
| MONACANTHUS CILIATUS       | 2         | 3 | 1 |
| MONACANTHUS HISPIDUS       |           |   | 1 |
| LACTOPHRYS QUADRICORNIS    |           | 1 |   |
| ACANTHOSTRACION POLYGONIUS |           |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION O3.

| TAXON                                | REPLICATE |   |   |
|--------------------------------------|-----------|---|---|
|                                      | A         | B | C |
| -----                                |           |   |   |
| CODIUM ISTHMOCLADUM                  |           |   | X |
| CAULERPA TAXIFOLIA                   | X         |   | X |
| CAULERPA SERTULARIOIDES              | X         |   |   |
| HALIMEDA GRACILIS                    | X         | X | X |
| UDOTEA CYATHIFORMIS                  | X         | X |   |
| STRUVEA PULCHERRIMA                  | X         | X | X |
| CYSTODICTYON PAVONIUM                | X         | X | X |
| SARGASSUM FLUITANS                   | X         | X |   |
| SPOROCHNUS PEDUNCULATUS              | X         |   |   |
| SPOROCHNUS BOLLEANUS                 |           |   | X |
| GRACILARIA MAMILLARIS                | X         | X | X |
| PEYSSONNELIA RUBRA                   |           |   | X |
| LITHOTHAMNIUM OCCIDENTALE            | X         |   |   |
| GONIOLITHON SP.                      | X         |   |   |
| RHODYMENIA DIVARICATA                | X         | X |   |
| FAUCHEA HASSLERI                     | X         |   |   |
| GLOIODERMA ATLANTICA                 |           | X |   |
| LAURENCIA INTRICATA                  |           |   | X |
| FORAMINIFERIDA                       | X         | X | X |
| ? LEUCETTA SP.                       | X         |   |   |
| ? LEUCOSOLENIA SPP.                  | X         | X | X |
| APHROCERAS ? ENSATA                  |           | X |   |
| IRGINIA CAMPANA                      |           |   | X |
| IRGINIA STROBILINA                   |           | X | X |
| DYSIDEA SPP.                         | X         | X | X |
| APLYSINA FISTULARIS V. FULVA         | X         |   | X |
| AIOLACHROIA CRASSA                   | X         |   | X |
| DEMOSPONGEA-KERATOSA-DENDRO CERATIDA |           | X |   |
| CHELONAPLYSILLA SP.                  | X         |   |   |
| NIPHATES ERECTA                      |           |   | X |
| SIPHONODICTYON SIPHONUM              | X         | X | X |
| ACARNUS SP.                          |           | X |   |
| LISSODENDORYX ISODICTYALIS           |           | X |   |
| ? LISSODENDORYX SP.                  |           |   | X |
| MICROCIONIDAE                        |           | X |   |
| ? BIEMNA SPP.                        |           |   | X |
| BUBARIS SPP.                         |           |   | X |
| HALICHONDRIA MELANADOCIA             |           |   | X |
| HALICHONDRIA ? MELANADOCIA           |           |   | X |
| DEMOSPONGEA-HADROMERIDA              | X         |   |   |
| SPIRASTRELLA COCCINEA                |           | X | X |
| SPHECIOSPONGIA VESPARIUM             | X         | X |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 03.

| TAXON                               | REPLICATE |   |   |
|-------------------------------------|-----------|---|---|
|                                     | A         | B | C |
| ANTHOSIGMELLA VARIANS               | X         |   |   |
| ANTHOSIGMELLA VARIANS V. INCRUSTANS | X         | X | X |
| PLACOSPONGIA MELOBESTOIDES          | X         | X | X |
| TETHYA ACTINIA                      | X         |   |   |
| TETHYA ? ACTINIA                    |           | X |   |
| ? SUBERITIDAE                       | X         |   |   |
| ? EPIPOLASIS SPP.                   | X         | X | X |
| ? JASPIS SPP.                       | X         |   | X |
| CINACHYRA ALLOCLADA                 | X         | X | X |
| ? CHONDROSIA SPP.                   | X         | X |   |
| DEMOSPONGEA-AXINELLIDA              |           |   | X |
| AXINELLIDAE                         | X         |   |   |
| HOMAXINELLA SP.                     |           |   | X |
| PSEUDAXINELLA LUNAECHARTA           |           |   | X |
| PHAKELLIA FOLIUM                    | X         |   | X |
| HIGGINSIA STRIGILATA                | X         |   |   |
| ? ENDECTYON SP.                     | X         |   |   |
| EUDENDRIUM SP.                      | X         |   |   |
| SERTULARELLA SP.                    | X         |   |   |
| SERTULARELLA CONICA                 | X         | X | X |
| DYNAMENA POURTALESII                |           | X |   |
| THYROSCYPHUS MARGINATUS             | X         | X | X |
| HALECIUM MACROCEPHALUM              |           | X |   |
| AGLAOPHENIA ELONGATA                | X         |   |   |
| HALOPTERIS CLARKEI                  |           | X |   |
| MONOSTAECHAS QUADRIDENS             | X         |   |   |
| GYMNANGIUM SINJOSUM                 |           |   | X |
| MACRORHYNCHIA CLARKEI               | X         |   |   |
| SYNTHECIUM TUBITHECUM               | X         | X |   |
| STEPHANOSCPHUS CORNIFORMIS          | X         | X | X |
| ANTIPATHES RHIPIDION                |           |   | X |
| CIRRHIPATHES LUETKENI               |           | X |   |
| TELESTO SANGUINEA                   | X         |   |   |
| DIODOGORGIA NODULIFERA              |           |   | X |
| PLEXAURIDAE                         | X         |   |   |
| SWIFTIA COSTA                       |           |   | X |
| LOPHOGORGIA CARDINALIS              |           |   | X |
| LEPTOGORGIA EURVALE                 |           | X | X |
| LEPTOGORGIA MEDUSAE                 |           | X | X |
| VIRGULARIA PRESBYTES                |           | X |   |
| SIDERASTREA RADIANIS                | X         | X |   |
| OCULINA DIFFUSA                     |           | X |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 03.

| TAXON                        | REPLICATE |   |   |
|------------------------------|-----------|---|---|
|                              | A         | B | C |
| OCULINA ROBUSTA              | X         |   |   |
| OCULINA TENELLA              |           | X |   |
| BALANOPHYLLIA WELLSI         |           | X |   |
| DENDROPHYLLIA CORNUCOPIA     |           | X |   |
| POLYCHAETA                   | X         | X | X |
| DIODORA MINUTA               | 2         | 3 |   |
| DIODORA JAUMEI               |           |   | 1 |
| CALLIOSTOMA MARIONAE         | 1         |   |   |
| TURRITELLA ACROPORA          | 4         | 4 | 2 |
| TURRITELLA EXOLETA           | 7         | 7 | 5 |
| CIRSOTREMA DALLI             | 1         |   |   |
| NISO HENDERSONI              |           | 1 |   |
| TRIVIA MALTBIANA             | 1         |   | 2 |
| TRIVIA PEDICULUS             | 2         |   |   |
| TRIVIA QUADRIPUNCTATA        | 1         |   |   |
| CYPRAEA SPURCA ACICULARIS    | 1         | 1 |   |
| DISTORSIO CLATHRATA          |           |   | 1 |
| CHICOREUS FLORIFER           | 1         |   |   |
| MUREX CABRITII               |           |   | 1 |
| MUREX RUBIDUS                |           | 1 | 1 |
| COLUBRARIA LANCEOLATA        |           | 1 |   |
| NASSARIUS CONSENSUS          |           | 1 | 1 |
| FASCIOLARIA LILIUM TORTUGANA |           |   | 1 |
| HYALINA AVENA                | 2         |   |   |
| PERSICULA PULCHERRIMA        | 1         |   |   |
| CONUS FLORIDANUS             |           | 2 |   |
| CONUS SPURIUS ATLANTICUS     |           | 1 | 3 |
| CONUS JASPIDEUS              |           |   | 1 |
| PLEUROBRANCHIUS AREOLATUS    | 1         |   |   |
| HYPSELODORIS NYALYA          | 1         |   |   |
| GREILADA N. SP.              |           |   | 1 |
| DENDRODORIS KREBSII          |           | 1 |   |
| GASTROPODA EGGS              |           | X |   |
| CHLAMYS BENEDICTI            | 3         | 4 | 6 |
| PECTEN RAVENELI              | 2         |   |   |
| ANOMIA SIMPLEX               | 1         |   |   |
| EUCRASSATELLA SPECIOSA       | 1         |   |   |
| NEMOCARDIUM TINCTUM          |           | 1 |   |
| LAEVICARDIUM PICTUM          | 3         | 1 | 1 |
| AMERICARDIA MEDIA            |           |   | 1 |
| SEMELE BELLASTRIATA          | 1         |   |   |
| CORBULA DIETZIANA            |           | 2 | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 03.

| TAXON                        | REPLICATE |    |   |
|------------------------------|-----------|----|---|
|                              | A         | B  | C |
| HIATELLA ARCTICA             | 1         |    |   |
| CHAMA MACROPHYLLA            | 2         |    |   |
| OCTOPUS JOUBINI              | 1         |    |   |
| OCTOPUS VULGARIS             | 1         |    |   |
| BALANUS TRIGONUS             |           |    | 1 |
| METAPENAEOPSIS GOODEI        | 1         |    |   |
| ANCHISTIOIDES ANTIGUENSIS    | 1         |    | 1 |
| SYNALPHEUS TOWNSENDI         | 1         |    | 1 |
| TOZEUMA SERRATUM             |           | 1  |   |
| SCYLLARUS CHACEI             | 3         | 1  |   |
| PAGURUS BREVIDACTYLUS        | 1         |    |   |
| PAGURUS SP. B                | 1         |    |   |
| MANUCOMPLANUS CORALLINUS     | 2         |    |   |
| PHIMOCIRUS HOLTHUISI         | 7         | 2  | 3 |
| MUNIDA ANGULATA              | 1         |    | 2 |
| MUNIDA PUSILLA               | 31        | 10 | 4 |
| GALATHEA ROSTRATA            | 3         |    | 2 |
| PAGURISTES SERICEUS          | 5         | 2  | 2 |
| PETROCHIRUS DIOGENES         | 1         |    |   |
| DROMIDIA ANTILLENIS          | 5         | 2  | 1 |
| CALAPPA ANGUSTA              | 1         |    | 1 |
| MYOPSIS QUINQUESPINOSA       |           | 1  |   |
| CALLIDACTYLUS ASPER          | 3         | 1  |   |
| ILIACANTHA SPARSA            |           | 1  |   |
| RANINOIDES LOEVI             | 4         | 3  |   |
| MACROCOELOMA SEPTEMSPINOSUM  | 2         | 1  |   |
| MACROCOELOMA CF. TRISPINOSUM | 1         |    |   |
| STENOCIONOPS FURCATA FURCATA | 3         |    | 1 |
| STENOCIONOPS FURCATA COELATA |           | 1  |   |
| STENORHYNCHUS SETICORNIS     | 4         | 1  | 1 |
| PARTHENOPE AGONA             | 2         | 5  |   |
| PARTHENOPE FRATERCULUS       | 1         |    |   |
| PARTHENOPE GRANULATA         |           | 1  |   |
| PORTUNUS SPINICARPUS         | 23        | 18 | 1 |
| PORTUNUS SPINIMANUS          |           |    | 1 |
| PORTUNUS ORDWAYI             | 4         |    |   |
| CARPOPORUS PAPULOSUS         | 1         |    | 2 |
| MICROPANOPE LAEVIMANUS       | 2         | 1  | 1 |
| MICROPANOPE PUSILLA          | 1         |    | 1 |
| MICROPANOPE SP. B            |           |    | 1 |
| PILLUMNUS FLORIDANUS         | 1         | 1  |   |
| PSEUDOMEDAUS AGASSIZI        | 1         |    | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 03.

| TAXON                           | REPLICATE |   |   |
|---------------------------------|-----------|---|---|
|                                 | A         | B | C |
| PALICUS ALTERNATUS              | 8         | 5 | 1 |
| SQUILLA DECEPTRIX               | 3         |   |   |
| MEIOSQUILLA QUADRIDENS          | 1         |   |   |
| PHASCOLION STROMBI              |           |   | X |
| AMATHIA CONVOLUTA               |           | X | X |
| STEGANOPORELLA MAGNILABRIS      | X         | X | X |
| NELLIA OCLATA                   |           |   | X |
| BUGULA NERITINA                 | X         | X | X |
| BUGULA CF. FULVA                | X         |   | X |
| SCRUPOCELLARIA SP.              |           | X |   |
| COLLETOSIA RADIATA              |           | X |   |
| CUPULADRIA BIPOROSA             |           | X |   |
| HIPPOMETRALIELLA BISINUATA      |           |   | X |
| STYLOPOMA SPONGITES             | X         | X | X |
| HIPPOPORINA AMERICANA           |           | X |   |
| RETEPORELLINA EVELINAE          | X         |   | X |
| BRACEBRIDGIA SUBSULCATA         | X         | X | X |
| CELLEPORARIA ALBIROSTRIS        |           | X |   |
| CELLEPORARIA MAGNIFICA          |           | X | X |
| PARASMITTINA SPATHULATA         | X         |   |   |
| IDMIDRONEA ATLANTICA            | X         | X | X |
| CRISIA ELONGATA                 | X         |   | X |
| ASTROPECTEN DUPLICATUS          | 1         |   |   |
| GONIASTER TESSELLATUS           | 2         |   |   |
| OPHIOPSILA RIISEI               |           | 1 |   |
| OPHIONEREIS OLIVACEA            | 1         |   |   |
| OPHIODERMA APPRESSUM            |           |   | 1 |
| OPHIOSTIGMA ISOCANTHA           | 2         |   | 1 |
| OPHIOTHRIX ANGULATA             | 7         | 2 | 4 |
| ARBACIA PUNCTULATA              | 1         |   | 6 |
| GENOCIDARIS MACULATA            |           | 1 | 1 |
| LYTECHINUS VARIEGATUS CAROLINUS |           | 8 |   |
| PSEUDOTHYONE BELLI              |           | 1 |   |
| RHABDOPLEURA COMPACTA           |           | X |   |
| CLAVELINA GIGANTEA              | X         |   |   |
| CLAVELINA PICTA                 | X         |   |   |
| CLAVELINA SP. 1                 |           | X | X |
| EUDISTOMA SP.                   | X         |   |   |
| APLIDIUM SP.                    |           |   | X |
| DIDEMNUM CANDIDUM               | X         | X | X |
| TRIDIDEMNUM ORBICULATUM         | X         | X |   |
| TRIDIDEMNUM SAVIGNII            |           | X | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
 LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 03.

| TAXON                    | REPLICATE |   |   |
|--------------------------|-----------|---|---|
|                          | A         | B | C |
| RHOPALAEA ABDOMINALIS    | X         |   |   |
| POLYANDROCARPA FLORIDANA |           | X | X |
| PYURA VITTATA            |           |   | X |
| PORICHTHYS PLECTRODON    |           | 1 |   |
| HIPPOCAMPUS REIDI        | 1         |   |   |
| SCORPAENA INERMIS        | 5         |   |   |
| APOGON AUROLINEATUS      | 1         |   |   |
| CHROMIS ENCHRYSURUS      | 2         |   |   |
| GOBIONELLUS SP.          | 1         |   |   |
| CYCLOPSETTA FIMBRIATA    |           | 1 |   |
| MONACANTHUS CILIATUS     | 3         |   | 1 |
| MONACANTHUS HISPIDUS     | 1         |   |   |
| SPHOEROIDES SPENGLERI    |           |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS).  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 07.

| TAXON                          | REPLICATE |   |   |
|--------------------------------|-----------|---|---|
|                                | A         | B | C |
| CODIUM ISTHMOCLADUM            | X         |   |   |
| CAULERPA PELTATA               |           |   | X |
| AVRAINVILLEA NIGRICANS         |           | X | X |
| AVRAINVILLEA LONGICAULIS       |           | X |   |
| HALIMEDA SP.                   | X         |   |   |
| HALIMEDA GRACILIS              | X         | X | X |
| UDOTEA CONGLUTINATA            | X         | X |   |
| UDOTEA CYATHIFORMIS            | X         |   |   |
| UDOTEA FLABELLUM               | X         | X | X |
| SARGASSUM SP.                  | X         | X |   |
| SARGASSUM HYSTRIX V. HYSTRIX   | X         |   |   |
| SARGASSUM FILIPENDULA          | X         |   |   |
| SARGASSUM VULGARE              | X         | X | X |
| SPOROCHNUS PEDUNCULATUS        |           |   | X |
| NEREIA TROPICA                 | X         |   |   |
| ROSENINGEA INTRICATA           |           |   | X |
| AGARDHIELLA SUBULATA           | X         |   |   |
| EUCHEUMA ISIFORME              | X         | X | X |
| EUCHEUMA ISIFORME V. ISIFORME  |           | X | X |
| SOLIERRA TENERA                |           | X |   |
| GRACILARIA MAMILLARIS          | X         | X | X |
| GRACILARIA ARMATA              | X         | X |   |
| GRACILARIA BLODGETTII          | X         | X | X |
| GRACILARIA USNEOIDES           |           |   | X |
| PEYSSONNELIA RUBRA             | X         |   |   |
| LITHOTHAMNIUM RUPTILE          |           | X |   |
| GONIOLITHON SP.                | X         | X |   |
| GONIOLITHON SPECTABILE F. NANA | X         |   |   |
| BOTRYOCLADIA OCCIDENTALIS      |           | X | X |
| LEPTOFAUCHEA RHODYMENIOIDES    | X         |   |   |
| DASYA HARVEYI                  |           |   | X |
| LAURENCIA INTRICATA            | X         | X | X |
| THALASSIA TESTUDINUM           | X         |   |   |
| IRCINIA STROBILINA             |           | X |   |
| DYSIDEA SPP.                   | X         | X | X |
| DYSIDEA ? AVARA                | X         | X |   |
| ? DYSIDEA SPP.                 | X         |   |   |
| ? HALISARCA SP.                |           | X |   |
| CHELONAPLYSILLA SP.            | X         |   |   |
| ? GELLIUS SPP.                 | X         | X |   |
| ? ADOCIA SPP.                  | X         |   |   |
| DEMOSPONGEA-POECILOSCLERIDA    | X         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 07.

| TAXON                      | REPLICATE |   |   |
|----------------------------|-----------|---|---|
|                            | A         | B | C |
| ACARNUS SP.                |           | X |   |
| IOTROCHOTA BIROTULATA      |           | X |   |
| MICROCIONIDAE              | X         | X | X |
| MICROCIONA SPP.            | X         | X |   |
| THALYSIAS ? JUNIPERINA     |           | X |   |
| ? PANDAROS SP.             |           |   | X |
| ? DESMACELLA SP.           | X         |   | X |
| HALICHONDRIIDAE            |           | X |   |
| ? HALICHONDRIA SPP.        |           | X | X |
| OXEOSTILON BURTONI         | X         | X | X |
| SPIRASTRELLA COCCINEA      | X         |   | X |
| TIMEA SP.                  | X         |   |   |
| TIMEA ? MIXTA              |           | X | X |
| SPHECIOSPONGIA VESPARIUM   |           | X |   |
| ANTHOSIGMELLA VARIANS      | X         | X |   |
| ? TIMEA SPP.               | X         |   | X |
| SUBERITIDAE                |           | X |   |
| PLACOSPONGIA MELOBESIOIDES | X         | X | X |
| CLIONA CELATA              | X         | X | X |
| CLIONA DELITRIX            | X         |   |   |
| CLIONA ? DELITRIX          | X         |   |   |
| TETHYA ? ACTINIA           | X         |   |   |
| ? TETHYA SP.               | X         |   |   |
| ? SUBERITIDAE              | X         |   |   |
| COPPATIIDAE                | X         | X |   |
| CINACHYRA SPP.             | X         |   |   |
| CINACHYRA KUEKENTHALI      | X         | X | X |
| CINACHYRA ALLOCLADA        | X         | X | X |
| AXINELLA BOOKHOUTI         | X         |   |   |
| AXINELLA POLYCAPELLA       | X         | X | X |
| AXINELLA SPP.              | X         |   |   |
| HOMAXINELLA WALTONSMITHI   | X         | X | X |
| HOMAXINELLA RUDIS          |           | X |   |
| PSEUDAXINELLA LUNAECHARTA  | X         | X | X |
| PSEUDAXINELLA ROSACEA      |           |   | X |
| TEICHAXINELLA SP.          | X         | X | X |
| TEICHAXINELLA SHOEMAKERI   |           | X |   |
| TEICHAXINELLA ? CORRUGATA  | X         |   | X |
| PHAKELLIA SP.              |           |   | X |
| PHAKELLIA FOLIUM           |           | X |   |
| ? PHAKELLIA SP.            | X         | X |   |
| ? HOMAXINELLA SP.          |           | X | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 07.

| TAXON                        | REPLICATE |   |   |
|------------------------------|-----------|---|---|
|                              | A         | B | C |
| HIGGINSIA SP.                |           |   | X |
| HIGGINSIA STRIGILATA         |           |   | X |
| ? HIGGINSIA SP.              | X         |   |   |
| HENECTYON ? PEARSEI          | X         | X |   |
| ? THALYSEURYPON SP.          |           | X |   |
| EUDENDRIUM SP.               |           |   | X |
| LAFOEA COALESCENS            |           |   | X |
| THYROSCYPHUS MARGINATUS      | X         |   |   |
| STEPHANOSYPHUS CORNIFORMIS   | X         |   |   |
| TELESTO SANGUINEA            | X         |   |   |
| DIOGORGIA NODULIFERA         | X         | X |   |
| LOPHOGORGIA HEBES            |           |   | X |
| STEPHANOCOENIA MICHELINII    |           | X | X |
| MADRACIS FORMOSA             | X         | X | X |
| SIDERASTREA RADIANUS         | X         | X | X |
| MANICINA AREOLATA            | X         | X | X |
| CLADOCORA ARBUSCULA          | X         | X | X |
| SOLENASTREA HYADES           | X         | X | X |
| PHYLLANGIA AMERICANA         | X         | X | X |
| OCULINA DIFFUSA              | X         | X | X |
| SCOLYMIA LACERA              | X         | X | X |
| ISOPHYLLIA SINUOSA           |           | X | X |
| BALANOPHYLLIA WELLSI         | X         |   |   |
| DENDROPHYLLIA CORNUCOPIA     | X         | X |   |
| POLYCHAETA                   | X         | X | X |
| DIODORA CAYENENSIS           |           | 2 |   |
| TURRITELLA ACROPORA          | 3         | 1 |   |
| CERITHIUM FLORIDANUM         |           | 1 |   |
| EPITONIUM ANGULATUM          |           |   | 1 |
| STROMBUS ALATUS              |           | 1 |   |
| CRUCIBULUM AURICULA          |           |   | 2 |
| XENOPHORA CONCHYLTOPHORA     |           | 1 |   |
| POLINICES LACTEUS            |           | 1 |   |
| TONNA GALEA                  |           | 1 |   |
| CHICOREUS FLORIFER           |           | 1 |   |
| CHICOREUS DILECTUS           | 1         |   |   |
| MUREX RUBIDUS                |           | 1 |   |
| NASSARIUS CONSENSUS          | 1         |   |   |
| LATIRUS MACGINTYI            | 1         | 1 |   |
| FASCIOLARIA LILIUM TORTUGANA |           | 1 |   |
| FUSINUS EUCOSMIUS            | 1         |   |   |
| FUSINUS HELENAE              |           | 2 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 07.

| TAXON                       | REPLICATE |   |   |
|-----------------------------|-----------|---|---|
|                             | A         | B | C |
| OLIVA EDWARDSI              |           | 2 | 3 |
| SCAPHELLA JUNONIA           | 2         | 1 |   |
| PRUNUM ROOSEVELTI           |           |   | 1 |
| SPLENDRILLIA MOSERI         | 1         | 1 |   |
| CRASSISPIRA SANIBELENSIS    | 1         |   |   |
| CONUS FLORIDANUS            |           | 1 |   |
| ANISODORIS? WORKI           | 1         |   |   |
| GASTROPODA EGGS             |           | X | X |
| ANADARA FLORIDANA           |           | 1 |   |
| LITHOPHAGA ANTILLARUM       |           | 1 |   |
| PECTEN RAVENELI             |           |   | 2 |
| AECIPECTEN MUSCOSUS         | 2         | 9 | 2 |
| ARGOPECTEN GIBBUS           | 1         | 4 | 1 |
| EUCRASSATELLA SPECIOSA      | 3         | 1 |   |
| LAEVICARDIUM PICTUM         | 4         | 5 | 2 |
| AMERICARDIA MEDIA           | 3         | 1 |   |
| ABRA AEQUALIS               | 1         |   |   |
| PITAR SIMPSONI              |           |   | 1 |
| MACROCALLISTA MACULATA      | 3         | 3 | 2 |
| GOULDIA CERINA              | 1         | 4 |   |
| CHIONE LATILIRATA           | 2         | 2 |   |
| GASTROCHAENA HIANIS         | 3         | 1 |   |
| HIATELLA ARCTICA            | 1         |   |   |
| CHAMA CONGREGATA            |           | 1 |   |
| CHAMA MACROPHYLLA           | 3         | 8 |   |
| DENTALIUM SP.               |           |   | 4 |
| DENTALIUM EBOREUM           |           | 2 |   |
| OCTOPUS JOUBINI             |           | 2 | 4 |
| OCTOPUS VULGARIS            | 1         |   |   |
| OCTOPUS ? VULGARIS          | 1         |   |   |
| PENAEIDAE                   | 1         |   |   |
| METAPENAEOPSIS GOODEI       |           | 3 | 1 |
| SICYONIA BREVIROSTRIS       | 2         | 1 | 1 |
| SICYONIA TYPICA             | 1         | 1 |   |
| PERICLIMENES CF. IRIDESCENS |           | 1 |   |
| ALPHEUS NORMANNI            |           |   | 1 |
| ALPHEUS FLORIDANUS          |           | 1 |   |
| SYNALPHEUS TOWNSENDI        |           | 1 |   |
| SCYLLARUS CHACEI            | 2         |   | 1 |
| PAGURUS SP.                 | 1         |   |   |
| IRIDOPAGURUS CARIBBENSIS    | 1         |   |   |
| MANUCOMPLANUS CORALLINUS    | 1         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 07.

| TAXON                           | REPLICATE |   |   |
|---------------------------------|-----------|---|---|
|                                 | A         | B | C |
| PHIMOCHIRUS HOLTHUISI           | 7         | 3 |   |
| PAGURISTES HUMMI                |           | 2 |   |
| PAGURISTES PUNTIPEPS            | 1         |   |   |
| PAGURISTES SERICEUS             | 10        | 5 |   |
| PETROCHIRUS DIOGENES            | 1         | 3 |   |
| DROMIDIA ANTILLENIS             | 9         | 5 | 1 |
| HYPOCONCHA SABULOSA             | 5         | 6 |   |
| CALLIDACTYLUS ASPER             | 1         | 2 |   |
| ILIACANTHA INTERMEDIA           |           | 1 |   |
| SPELGEOPHORUS PONTIFER          | 4         | 1 |   |
| MACROCOELOMA CAMPTOCERUM        |           |   | 2 |
| MACROCOELOMA CF. TRISPINOSUM    | 1         |   | 1 |
| MITHRAX (MITHRAX) PLEURACANTHUS | 1         | 5 | 1 |
| MITHRAX (MITHRACULUS) FORCEPS   |           | 1 |   |
| PITHO LHERMINIERI               |           |   | 1 |
| PODOCHELA RIISEI                |           | 2 |   |
| STENOCIONOPS FURCATA FURCATA    | 3         | 3 |   |
| STENORHYNCHUS SETICORNIS        | 1         | 5 | 3 |
| PARTHENOPE GRANULATA            | 1         | 6 | 4 |
| MESORHOEA SEXSPINOSA            |           | 1 |   |
| CRYPTOPODIA CONCAVA             |           |   | 1 |
| PORTUNUS SPINIMANUS             |           | 1 |   |
| PORTUNUS ORDWAYI                | 2         | 4 | 1 |
| LOBOPILUMNUS AGASSIZI           |           | 2 | 1 |
| PILUMNUS FLORIDANUS             | 1         |   |   |
| PILUMNUS SAYI                   | 1         |   | 3 |
| PSEUDOMEDAUS AGASSIZI           | 1         | 3 | 1 |
| SPEOCARCINUS CF. CAROLINENSIS   |           |   | 1 |
| GLYPTOPLAX SMITHII              |           | 1 |   |
| PALICUS ALTERNATUS              |           | 3 | 5 |
| SQUILLA RUGOSA                  |           | 1 |   |
| GONODACTYLUS BREDINI            | 2         | 5 | 7 |
| AMATHIA DISTANS                 | X         |   |   |
| STEGANOPORELLA MAGNILABRIS      | X         |   |   |
| BUGULA NERITINA                 | X         |   | X |
| SCRUPOCELLARIA REGULARIS        |           |   | X |
| CUPULADRIA BIPOROSA             |           | X |   |
| CIGCLISULA CF. TURRITA          | X         | X | X |
| STYLOPOMA SPONGITES             |           | X |   |
| HIPPORIDRA EDAX                 | X         | X | X |
| CELLEPORARIA ALBIROSTRIS        | X         | X |   |
| CELLEPORARIA MAGNIFICA          | X         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 07.

| TAXON                           | REPLICATE |    |   |
|---------------------------------|-----------|----|---|
|                                 | A         | B  | C |
| IDMIDRONEA ATLANTICA            |           | X  |   |
| ENTALOPHORA PROBOSCIDEIDES      | X         |    |   |
| CRISULIPORA ORIENTALIS          |           | X  |   |
| LUIDIA ALTERNATA                |           |    | 1 |
| OPHIOLEPIS ELEGANS              | 9         | 16 | 1 |
| OPHIODERMA BREVISPINUM          | 1         |    | 1 |
| OPHIOSTIGMA ISOCANTHA           | 1         |    |   |
| OPHIOTHRIX ANGULATA             | 2         | 1  | 2 |
| ARBACIA PUNCTULATA              | 2         | 2  |   |
| LYTECHINUS VARIEGATUS CAROLINUS | 4         | 30 | 3 |
| CLYPEASTER SUBDEPRESSUS         | 1         | 1  |   |
| ENCOPE ABERRANS                 | 2         | 12 | 8 |
| ASTICHOPUS MULTIFIDUS           |           |    | 1 |
| RHABDOPLEURA COMPACTA           |           | X  | X |
| ASCIDIACEA-APLOUSOBRANCHIA      |           |    | X |
| CLAVELINA SP.                   |           |    | X |
| CLAVELINA GIGANTEA              |           | X  |   |
| CLAVELINA PICTA                 | X         |    | X |
| CLAVELINA SP. 2                 |           | X  |   |
| CLAVELINA SP. 1                 |           |    | X |
| EUDISTOMA TARPONENSE            |           | X  |   |
| EUDISTOMA HEPATICUM             |           |    | X |
| POLYCLINIDAE                    | X         |    |   |
| SIGILLINARIA SP.                |           | X  | X |
| APLIDIUM CONSTELLATUM           |           | X  |   |
| DIDEMNUM CANDIDUM               | X         | X  | X |
| DIDEMNUM AMETHYSTEUM            | X         | X  | X |
| STYELA PLICATA                  |           | X  |   |
| PYURA VITTATA                   |           | X  | X |
| OPHIDION DROMIO                 |           | 1  |   |
| HIPPOCAMPUS ERECTUS             | 1         |    |   |
| SCORPAENA BRASILIENSIS          |           | 1  |   |
| CENTROPRISTIS OCYURUS           | 1         | 4  | 1 |
| SERRANICULUS PUMILIO            |           | 1  |   |
| RYPTICUS BISTRISPINUS           | 1         |    |   |
| PRISTIGENYS ALTA                | 1         | 1  |   |
| HALICHOERES BIVITTATUS          | 1         |    |   |
| PARABLENNIUS MARMOREUS          |           | 2  |   |
| CORYPHOPTERUS EIDOLON           |           | 1  |   |
| GOBIONELLUS SP.                 | 1         |    |   |
| SYACIUM PAPILLOSUM              |           | 2  |   |
| SYMPHURUS DIOMEDIANUS           |           | 1  |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 07.

| TAXON                | REPLICATE |   |   |
|----------------------|-----------|---|---|
|                      | A         | B | C |
| MONACANTHUS CILIATUS |           |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 09.

| TAXON                       | REPLICATE |   |   |
|-----------------------------|-----------|---|---|
|                             | A         | B | C |
| PSEUDOCODIUM FLORIDANUM     |           |   | X |
| HALIMEDA GRACILIS           | X         | X | X |
| HALIMEDA SCABRA             |           |   | X |
| UDOTEA CYATHIFORMIS         |           | X |   |
| UDOTEA SPINULOSA            | X         |   |   |
| STRUVEA PULCHERRIMA         | X         | X | X |
| LOBOPHORA SP.               | X         |   |   |
| SARGASSUM SP.               | X         |   |   |
| SARGASSUM FLUITANS          | X         | X | X |
| EUCHEUMA ECHINOCARPUM       |           |   | X |
| PEYSSONNELIA RUBRA          |           | X | X |
| LITHOTHAMNIUM OCCIDENTALE   | X         | X | X |
| RHODYMENIA DIVARICATA       | X         | X |   |
| AGARDHINULA BROWNEAE        |           | X |   |
| FORAMINIFERIDA              | X         | X | X |
| ? LEUCETTA SP.              |           | X | X |
| ? LEUCOSOLENIA SPP.         |           |   | X |
| DYSIDEA SPP.                | X         | X |   |
| ? DYSIDEA SPP.              | X         |   |   |
| NEPHELIOSPONGIIDAE          | X         |   |   |
| ? LISSODENDORYX SP.         | X         |   | X |
| ? COELOSPHAERIDAE           |           | X |   |
| TETHYA ACTINIA              | X         |   |   |
| DYNAMENA POURTALESI         |           |   | X |
| THYROSCYPHUS MARGINATUS     | X         |   | X |
| AGLAOPHENIA ELONGATA        | X         |   |   |
| MONOSTAECNAS QUADRIDENS     |           |   | X |
| SYNTHECIUM TUBITHECUM       | X         | X | X |
| STEPHANOSCYPHUS CORNIFORMIS | X         |   |   |
| MADRACIS ASPERULA           |           | X | X |
| OCULINA TENELLA             |           |   | X |
| POLYCHAETA                  | X         | X | X |
| CALLIOSTOMA ROSEOLUM        |           | 1 |   |
| CALLIOSTOMA TAMPAENSE       |           |   | 3 |
| CALLIOSTOMA MARIONAE        |           |   | 3 |
| CALLIOSTOMA PULCHRUM        | 3         |   |   |
| TURBO CRENULATUS            | 2         | 2 |   |
| VERMICULARIA KNORII         |           | 1 |   |
| TURRITELLA ACROPORA         | 1         |   | 1 |
| TURRITELLA EXOLETA          | 7         | 6 | 1 |
| CRUCIBULUM PLANUM           |           |   | 1 |
| TRIVIA MALTBIANA            | 1         |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 09.

| TAXON                      | REPLICATE |    |   |
|----------------------------|-----------|----|---|
|                            | A         | B  | C |
| CYPRAEA SPURCA ACICULARIS  |           |    | 1 |
| CYMATIUM KREBSII           | 2         |    |   |
| MUREX BELLEGLADENSIS       |           |    | 1 |
| MUREX RUBIDUS              |           | 1  |   |
| FUSINUS EUCOSMIUS          | 1         |    | 1 |
| FUSINUS HELENAE            | 1         |    |   |
| SCAPHELLA JUNONIA          |           |    | 1 |
| GLYPHOSTOMA GABBII         | 1         |    |   |
| AMYGDALUM SAGITTATUM       | 1         |    | 1 |
| AEQUIPECTEN MUSCOSUS       |           | 1  | 1 |
| ARGOPECTEN GIBBUS          |           |    | 1 |
| LIMA PELLUCIDA             | 1         |    |   |
| EUCRASSATELLA SPECIOSA     |           | 1  | 2 |
| NEMOCARDIUM TINCTUM        | 4         | 2  | 5 |
| LAEVICARDIUM PICTUM        | 5         | 2  | 4 |
| PAPYRIDEA SOLENIFORMIS     |           |    | 2 |
| SEMELE BELLASTRIATA        |           |    | 1 |
| CHIONE LATILIRATA          |           |    | 1 |
| CARDIOMYA PERROSTRATA      | 1         |    |   |
| OCTOPUS JOUBINI            |           |    | 4 |
| PALLENOPSIS SCHMITTI       |           | 1  | 1 |
| DICEROSCALPELLUM ARIETINUM |           | 9  |   |
| SICYONIA BREVIROSTRIS      |           | 1  |   |
| ALPHEUS NORMANNI           | 1         |    |   |
| SYNALPHEUS PANDIONIS       | 1         |    |   |
| SYNALPHEUS TOWNSENDI       |           | 1  |   |
| TOZEUMA SERRATUM           |           | 1  |   |
| SCYLLARUS CHACEI           | 3         |    |   |
| MANUCOMPLANUS CORALLINUS   |           | 1  | 1 |
| PHIMOCHIRUS HOLTHUISI      |           |    | 1 |
| MUNIDA ANGULATA            | 3         |    |   |
| MUNIDA PUSILLA             | 49        | 50 |   |
| MUNIDA SPINIFRONS          |           | 1  |   |
| PAGURISTES HERNANCORTEZI   |           | 1  |   |
| PAGURISTES SERICEUS        |           | 1  | 1 |
| PAGURISTES TRIANGULATUS    | 1         | 1  |   |
| DROMIDIA ANTILLENIS        | 3         | 2  | 3 |
| HYPOCONCHA SPINOSISSIMA    | 1         | 1  |   |
| OSACHILA SEMILEVIS         | 1         |    |   |
| ILIACANTHA SPARSA          | 3         | 2  | 1 |
| SYMETHIS VARIOLOSA         |           |    | 1 |
| ARACHNOPSIS FILIPES        |           | 1  |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 08.

| TAXON                           | REPLICATE |    |    |
|---------------------------------|-----------|----|----|
|                                 | A         | B  | C  |
| MACROCOELOMA SEPTemspinosum     |           | 1  | 3  |
| MITHRAX (MITHRAX) PLEURACANTHUS |           |    | 1  |
| PODOCHELA LAMELLIGERA           | 1         |    |    |
| PODOCHELA SIDNEYI               |           | 2  |    |
| STENORHYNCHUS SETICORNIS        | 1         | 1  | 1  |
| MOCOSOA CREBRIPUNCTATA          | 1         |    |    |
| PARTHENOPE AGONA                | 1         |    |    |
| PARTHENOPE FRATERCULUS          |           | 2  |    |
| MICROPANOPE PUSILLA             | 1         |    |    |
| PILUMNUS FLORIDANUS             | 1         | 1  |    |
| PSEUDOMEDAUS DISTINCTUS         | 1         |    |    |
| GLYPTOPLAX SMITHII              | 1         |    |    |
| PALICUS AFFINIS                 |           | 1  |    |
| PALICUS ALTERNATUS              | 1         | 2  |    |
| PALICUS FAXONI                  | 1         | 1  |    |
| AMATHIA CONVOLUTA               | X         | X  |    |
| STEGANOPORELLA MAGNILABRIS      | X         | X  | X  |
| CELLARIA IRREGULARIS            | X         | X  | X  |
| BUGULA NERITINA                 |           |    | X  |
| BUGULA CF. FULVA                | X         | X  |    |
| CUPULADRIA BIPOROSA             |           | X  |    |
| HIPPOMETRALIELLA BISINUATA      |           |    | X  |
| STYLOPOMA SPONGITES             | X         | X  | X  |
| HIPPOPORIDRA EDAX               |           | X  | X  |
| RHYNCHOZOOON SP. A              | X         |    |    |
| BRACEBRIDGIA SUBSULCATA         | X         | X  |    |
| BUSKEA DICHOTOMA                | X         |    |    |
| CELLEPORARIA ALBIROSTRIS        |           | X  |    |
| CELLEPORARIA MAGNIFICA          |           | X  | X  |
| IDMIDRONEA ATLANTICA            | X         |    |    |
| ENTALOPHORA PROBOSCIDEOIDES     | X         |    |    |
| CRISIA ELONGATA                 | X         |    |    |
| ASTROPECTEN DUPLICATUS          | 3         | 1  | 1  |
| ASTROPECTEN ARTICULATUS         |           |    | 1  |
| ECHINASTER SP. A                |           | 1  | 1  |
| OPHIOMYXA FLACCIDA              | 5         |    | 3  |
| OPHIOLEPIS ELEGANS              | 11        | 11 | 11 |
| OPHIODERMA BREVISPINUM          | 3         | 1  |    |
| OPHIOSTIGMA ISOCANTHA           |           | 2  |    |
| OPHIOTHRIX ANGULATA             | 5         | 3  | 2  |
| EUCIDARIS TRIBULOIDES           | 4         | 2  | 7  |
| GENOCIDARIS MACULATA            | 2         | 1  |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 08.

| TAXON                           | REPLICATE |   |   |
|---------------------------------|-----------|---|---|
|                                 | A         | B | C |
| LYTECHINUS VARIEGATUS CAROLINUS | 1         |   |   |
| CLYPEASTER SUBDEPRESSUS         |           | 1 | 2 |
| CLYPEASTER PROSTRATUS           | 3         |   | 1 |
| ENCOPE MICHELINI                |           | 1 |   |
| ECHINOLAMPAS DEPRESSA           | 2         | 1 | 3 |
| RHABDOPLEURA COMPACTA           | X         |   | X |
| EUDISTOMA SP. 3                 |           |   | X |
| APLIDIUM EXILE                  | X         | X | X |
| APLIDIUM CONSTELLATUM           |           | X |   |
| DIDEMNUM CANDIDUM               | X         | X | X |
| POLYCARPA OBTECTA               | X         | X | X |
| SCORPAENA SP.                   | 1         |   |   |
| SCORPAENA CALCARATA             | 1         |   |   |
| SERRANUS NOTOSPILUS             |           | 1 |   |
| CALLIONYMUS BAIRDI              |           |   | 1 |
| GASTROPSETTA FRONTALIS          | 1         |   |   |
| SYACIUM PAPILLOSUM              |           | 1 |   |
| MONACANTHUS CILIATUS            |           |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
 LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 11.

| TAXON                        | REPLICATE |   |   |
|------------------------------|-----------|---|---|
|                              | A         | B | C |
| STRUVEA PULCHERRIMA          |           |   | X |
| SARGASSUM FILIPENDULA        | X         |   |   |
| SARGASSUM FLUITANS           | X         |   | X |
| PEYSSONNELIA RUBRA           |           |   | X |
| LITHOTHAMNIUM CALCAREUM      |           | X |   |
| LITHOTHAMNIUM RUPTILE        |           | X |   |
| CRYPTONEMIACEAE              |           | X |   |
| LEPTOFAUCHEA RHODYMENIOIDES  |           |   | X |
| MARIPELTA ATLANTICA          |           | X | X |
| CALCAREA                     |           |   | X |
| IRCINIA STROBILINA           | X         | X | X |
| IRCINIA SPP.                 |           | X |   |
| DYSIDEA SPP.                 | X         | X | X |
| ? DYSIDEA SPP.               | X         |   | X |
| ? ADOCIA SPP.                |           | X |   |
| XESTOSPONGIA SUBTRIANGULARIS | X         |   |   |
| HEMIGELLIUS SP.              |           | X |   |
| ? ADOCIIDAE                  |           | X |   |
| DEMOSPONGEA-POECILOSCLERIDA  | X         |   |   |
| MYCALE SP.                   | X         |   |   |
| ? ACARNUS SP.                |           | X |   |
| MICROCIONA PROLIFERA         |           | X |   |
| MICROCIONA SPP.              |           | X | X |
| PANDAROS SP.                 |           | X | X |
| ? MICROCIONA SP.             |           | X | X |
| ? HYMEDESMIA SP.             | X         |   |   |
| ? BIEMNA SPP.                | X         |   |   |
| ? BUBARIS SPP.               | X         |   |   |
| TIMEA ? MIXTA                |           |   | X |
| ANTHOSIGMELLA ? VARIANS      |           | X |   |
| PLACOSPONGIA MELOBESIOIDES   | X         | X |   |
| CLIONA SP.                   |           | X |   |
| TETHYA SP.                   | X         |   |   |
| ? TETHYA SP.                 | X         |   |   |
| STYLOCORDYLA ? LONGISSIMA    | X         |   | X |
| LATRUNCULIA SP.              | X         |   |   |
| SOLLASELLIDAE                | X         |   |   |
| ? EPIPOLASIS SPP.            | X         | X |   |
| JASPIS SPP.                  | X         | X | X |
| ? JASPIS SPP.                | X         | X | X |
| DEMOSPONGEA-CHORISTIDA       | X         | X |   |
| MYRIASTRA SPP.               |           | X |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 11.

| TAXON                         | REPLICATE |    |   |
|-------------------------------|-----------|----|---|
|                               | A         | B  | C |
| MYRIAstra ? CRASSISPICULA     |           | X  |   |
| GEODIA NEPTUNI                | X         | X  | X |
| GEODIA ? NEPTUNI              |           | X  |   |
| ERYLUS FORMOSUS               | X         |    |   |
| ? ERYLUS SPP.                 | X         |    |   |
| ? CHONDROSIA SPP.             |           | X  |   |
| ? ANCORINIDAE                 |           |    | X |
| DEMOSPONGEA-HOMOSCLEROPHORIDA |           |    | X |
| ? PLAKINASTRELLA SP.          | X         | X  | X |
| DEMOSPONGEA-LITHISTIDA        |           | X  |   |
| AXINELLIDAE                   |           | X  |   |
| TEICHAXINELLA MORCHELLA       | X         |    |   |
| ? THALYSEURYPON SP.           |           |    | X |
| EUDENDRIUM SP.                |           |    | X |
| CRYPTOLARIA PECTINATA         |           |    | X |
| ACRYPTOLARIA CONFERTA         |           | X  | X |
| ACRYPTOLARIA RECTANGULARIS    | X         |    |   |
| HALECIUM MACROCEPHALUM        |           |    | X |
| AGLAOPHENIA ELONGATA          |           |    | X |
| MODEERIA ROTUNDA              |           |    | X |
| STEPHANOSCPHUS CORNIFORMIS    |           | X  | X |
| TELESTO SANGUINEA             |           | X  |   |
| NIDALIA OCCIDENTALIS          | X         | X  |   |
| SIPHONOGORGIA AGASSIZII       |           | X  |   |
| LOPHOGORGIA CARDINALIS        |           | X  |   |
| ELLISELLA ATLANTICA           | X         | X  | X |
| MADRACIS ASPERULA             | X         | X  | X |
| POLYCHAETA                    |           | X  |   |
| VERMICULARIA KNORII           |           | 8  |   |
| TURRITELLA ACROPORA           | 2         |    |   |
| TURRITELLA EXOLETA            | 5         | 1  |   |
| MUREX BELLEGLADENSIS          | 1         |    |   |
| FUSINUS EUCOSMIUS             | 1         |    |   |
| CONUS STIMPSONI               | 1         |    |   |
| LYROPECTEN ANTILLARUM         | 1         |    |   |
| NEMOCARDIUM TINCTUM           | 1         |    |   |
| PITAR FULMINATUS              |           | 1  |   |
| PITAR CORDATUS                | 1         |    |   |
| CHAMA CONGREGATA              |           | 1  |   |
| LOLIGO PLEI                   | 1         |    |   |
| METAPENAEOPSIS GOODEI         |           | 11 |   |
| ANCHISTIOIDES ANTIGUENSIS     | 1         |    |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 11.

| TAXON                         | REPLICATE |   |    |
|-------------------------------|-----------|---|----|
|                               | A         | B | C  |
| ALPHEUS CF. AMBLYONYX         |           |   | 1  |
| SYNALPHEUS PANDIONIS          |           |   | 1  |
| SYNALPHEUS TOWNSENDI          |           |   | 2  |
| TOZEUMA SERRATUM              |           |   | 2  |
| STENOPUS SCUTELLATUS          |           |   | 1  |
| SCYLLARUS DEPRESSUS           | 2         |   |    |
| PHIMOCHIRUS HOLTJUISI         | 1         |   |    |
| AGARICOCIRUS SP.              |           |   | 1  |
| AGARICOCIRUS BOLETIFER        | 1         |   | 1  |
| MUNIDA PUSILLA                |           |   | 15 |
| DROMIDIA ANTILLENIS           |           |   | 1  |
| HYPOCONCHA SPINOSISSIMA       |           |   | 1  |
| ETHUSA MASCARONE AMERICANA    |           |   | 1  |
| ETHUSA TENUIPES               | 1         |   |    |
| CALAPPA ANGUSTA               | 2         |   | 2  |
| OSACHILA SEMILEVIS            | 1         |   |    |
| OSACHILA TUBEROSA             |           | 1 |    |
| ILIACANTHA SUBGLOBOSA         | 1         |   | 1  |
| COLLODES TRISPINOSUS          |           |   | 2  |
| ARACHNOPSIS FILIPES           |           |   | 1  |
| MACROCOELOMA SEPTEMSPINOSUM   |           | 1 |    |
| MITHRAX (MITHRAX) ACUTICORNIS |           | 1 |    |
| PODOCHELA GRACILIPES          |           | 2 |    |
| PODOCHELA LANELLIGERA         | 1         |   | 1  |
| PODOCHELA CURVIROSTRIS        |           |   | 1  |
| STENOCIONOPS FURCATA FURCATA  |           | 1 | 1  |
| STENOCIONOPS FURCATA COELATA  |           | 1 |    |
| STENORHYNCHUS SETICORNIS      |           |   | 1  |
| PARTHENOPE AGONA              | 1         |   |    |
| PARTHENOPE FRATERCULUS        | 1         | 5 | 1  |
| SOLENOAMBRUS TENELLUS         |           |   | 1  |
| PORTUNUS SPINICARPUS          |           |   | 1  |
| CARPOPORUS PAPULOSUS          | 1         |   |    |
| MICROPANOPE SCULPTIPES        |           | 1 |    |
| NANOPLAX XANTHIFORMIS         |           | 2 |    |
| PALICUS AFFINIS               |           | 1 |    |
| PALICUS FAXONI                |           | 1 | 1  |
| GONODACTYLUS SP.              |           | 1 |    |
| GONODACTYLUS TORUS            |           | 1 |    |
| BUGULA MERITINA               |           | X | X  |
| BUGULA CF. FULVA              |           |   | X  |
| STYLOPOMA SPONGITES           |           | X |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 11.

| TAXON                             | REPLICATE |   |   |
|-----------------------------------|-----------|---|---|
|                                   | A         | B | C |
| MICROPORELLA CILIATA              |           |   | X |
| REPTADEONELLA VIOLACEA            |           |   | X |
| MASTIGOPHORA POROSA               |           |   | X |
| MAMILLOPORA CUPULA                |           |   | X |
| CELLEPORARIA MAGNIFICA            |           |   | X |
| CELLEPORARIA MORDAX               |           |   | X |
| CRISIA ELONGATA                   | X         |   |   |
| TETHYASTER GRANDIS                |           |   | 1 |
| CHAETASTER NODOSUS                |           |   | 3 |
| TOSIA PARVA                       |           | 1 |   |
| ASTERINA FOLIUM                   |           | 1 |   |
| PORANIELLA REGULARIS              | 1         | 4 |   |
| OPHIOMYXA FLACCIDA                | 1         | 5 | 7 |
| OPHIODERMA BREVISPINUM            |           |   | 1 |
| OPHIODERMA RUBICUNDUM             |           | 4 |   |
| OPHIOTHRIX ANGULATA               |           | 4 | 2 |
| EUCIDARIS TRIBULOIDES TRIBULOIDES |           |   | 1 |
| STYLOCIDARIS AFFINIS              | 10        | 9 | 4 |
| PSOLUS TUBERCULOSUS               | 1         |   |   |
| CLAVELINIDAE                      |           |   | X |
| EUDISTOMA SP. 3                   |           |   | X |
| DIDEMNUM CANDIDUM                 |           |   | X |
| OPSANSUS PARDUS                   |           | 1 |   |
| HALIEUTICHTHYS ACULEATUS          | 1         |   |   |
| SCORPAENA AGASSIZI                |           |   | 1 |
| BELLATOR EGRETTEA                 | 1         |   |   |
| CALLIONYMUS SP.                   | 1         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 13.

| TAXON                          | REPLICATE |   |   |
|--------------------------------|-----------|---|---|
|                                | A         | B | C |
| -----                          |           |   |   |
| CODIUM ISTHMOCLADUM            |           |   | X |
| CAULERPA SERTULARIODES         |           |   | X |
| HALIMEDA INCRASSATA            | X         |   | X |
| PENICILLUS CAPITATUS           |           |   | X |
| UDOTEA CYATHIFORMIS            | X         | X | X |
| UDOTEA SPINULOSA               | X         |   |   |
| ACETABULARIA CREMULATA         |           |   | X |
| DICTYOTA SP.                   |           |   | X |
| DICTYOTA LINEARIS              |           |   | X |
| SARGASSUM SP.                  |           |   | X |
| SARGASSUM VULGARE              |           |   | X |
| ROSENINGEA INTRICATA           |           | X | X |
| GRACILARIA CYLINDRICA          |           |   | X |
| GRACILARIA BLODGETTII          | X         | X |   |
| GRACILARIA COMPRESSA           | X         |   | X |
| CORALLINACEAE                  | X         |   | X |
| GONIOLITHON SP.                |           |   | X |
| GONIOLITHON SPECTABILE F. NANA |           | X |   |
| SPYRIDIA FILAMENTOSA           |           |   | X |
| HALOPHILA DECIPiens            | X         | X | X |
| IRGINIA STROBILINA             |           |   | X |
| IRGINIA FELIX                  |           |   | X |
| ? DYSIDEA SPP.                 |           |   | X |
| AILOCHROIA CRASSA              | X         | X | X |
| HALICLONA COMPRESSA            | X         |   | X |
| NIPHATES ERECTA                |           |   | X |
| MYCALIDAE                      | X         |   |   |
| MICROCIONA SPP.                |           |   | X |
| ? HYMEDESMIA SP.               | X         |   |   |
| CIOCALYPTA SPP.                |           |   | X |
| SPIRASTRELLA COCCINEA          | X         |   |   |
| TIMEA ? MIXTA                  | X         |   |   |
| SPHECIOSPONGIA VESPARIUM       | X         |   |   |
| ANTHOSIGMELLA VARIANS          | X         | X | X |
| CLIONA CELATA                  |           |   | X |
| ? EPIPOLASIS SPP.              |           |   | X |
| GEODIA GIBBEROSA               | X         | X | X |
| CINACHYRA ALLOCLADA            |           |   | X |
| AXINELLA POLYCAPELLA           |           |   | X |
| PHAKELLIA SP.                  | X         |   |   |
| THYROSCYPHUS MARGINATUS        |           |   | X |
| EUNICEA CALYCVLATA             |           |   | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 13.

| TAXON                     | REPLICATE |   |    |
|---------------------------|-----------|---|----|
|                           | A         | B | C  |
| EUNICEA KNIGHTI           |           |   | X  |
| PLEXAURELLA MUTANS        |           |   | X  |
| PLEXAURELLA FUSIFERA      |           |   | X  |
| LOPHOGORGIA HEBES         |           |   | X  |
| PSEUDOPTEROGORGIA ACEROSA |           | X |    |
| PSEUDOPTEROGORGIA RIGIDA  |           |   | X  |
| SIDERASTREA RADIANIS      |           |   | X  |
| SOLENASTREA HYADES        | X         |   | X  |
| POLYCHAETA                |           |   | X  |
| TURRITELLA ACROPORA       | 1         |   |    |
| CERITHIUM ATRATUM         |           |   | 2  |
| CERITHIUM FLORIDANUM      | 1         |   | 2  |
| STROMBUS COSTATUS         |           |   | 1  |
| CREPIDULA PLANA           |           |   | 1  |
| CREPIDULA MACULOSA        |           |   | 1  |
| NATICARIUS CANRENA        |           |   | 1  |
| FICUS CAROLAE             | 1         |   |    |
| CHICOREUS DILECTUS        |           |   | 1  |
| PHYLLONOTUS POMUM         |           | 1 |    |
| NASSARIUS CONSENSUS       |           |   | 1  |
| OLIVA EDWARDSI            | 1         | 2 | 2  |
| CONUS FLORIDANUS          | 1         | 1 |    |
| CONUS JASPIDEUS           | 1         |   | 1  |
| STRIOTEREBRUM ONSLOWENSIS | 3         | 1 |    |
| HAMINOEA SUCCINEA         | 1         |   |    |
| HYPSELODORIS EDENTICULATA |           | 1 |    |
| ARCA ZEBRA                |           |   | 1  |
| PTERIA COLYMBUS           |           |   | 2  |
| AEQUIPECTEN MUSCOSUS      |           |   | 3  |
| ARGOPECTEN GIBBUS         |           | 6 | 5  |
| LOPHA FRONS               |           |   | 4  |
| LAEVICARDIUM PICTUM       | 5         | 6 | 2  |
| TELLINA LISTERI           |           |   | 1  |
| PITAR SIMPSONI            |           |   | 1  |
| MACROCALLISTA MACULATA    | 1         |   |    |
| CHAMA CONGREGATA          |           |   | 8  |
| TRACHYPENAEUS CONSTRICTUS | 3         | 4 |    |
| METAPENAEOPSIS GOODEI     | 6         |   | 18 |
| SICYONIA TYPICA           | 1         | 3 | 4  |
| PERICLIMENES SP.          |           |   | 1  |
| ALPHEUS SP.               |           |   | 1  |
| ALPHEUS CF. AMBLYONYX     | 1         |   |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 13.

| TAXON                           | REPLICATE |    |    |
|---------------------------------|-----------|----|----|
|                                 | A         | B  | C  |
| SYNALPHEUS CF. MINUS            |           | 1  |    |
| LYSMATA RATHBUNAE               | 1         |    | 1  |
| PROCESSA BERMUDENSIS            |           |    | 1  |
| SCYLLARUS AMERICANUS            | 2         | 2  |    |
| PAGURUS SP.                     | 1         |    |    |
| PAGURUS BREVIDACTYLUS           |           |    | 1  |
| PAGURUS STIMPSONI               |           | 1  |    |
| PAGURISTES HMMI                 |           |    | 2  |
| PAGURISTES PUNTIPEPS            | 1         |    | 3  |
| PAGURISTES SERICEUS             | 4         |    | 1  |
| PETROCHIRUS DIOGENES            |           | 1  |    |
| DROMIDIA ANTILLENISIS           |           |    | 1  |
| HYPOCONCHA SABULOSA             |           |    | 1  |
| ILIACANTHA INTERMEDIA           |           | 3  | 1  |
| SPELOEOPHORUS PONTIFER          |           |    | 1  |
| MACROCOELOMA CAMPTOCERUM        |           | 1  |    |
| MACROCOELOMA CF. TRISPINOSUM    |           | 6  |    |
| MITHRAX (MITHRAX) PLEURACANTHUS | 1         |    |    |
| MITHRAX (MITHRACULUS) FORCEPS   | 3         |    |    |
| PITHO LHERMINIERI               | 1         | 2  | 4  |
| PODOCHELA RIISEI                |           |    | 2  |
| STENORHYNCHUS SETICORNIS        |           | 1  | 4  |
| PARTHENOPE SERRATA              |           |    | 1  |
| PORTUNUS GIBBESI                | 2         | 1  | 1  |
| PORTUNUS ORDWAYI                | 13        | 23 | 12 |
| PORTUNUS SP. A                  | 3         |    |    |
| LOBOPILUMNUS AGASSIZI           |           | 2  | 1  |
| PILUMNUS DASYPODUS              |           | 1  | 2  |
| PILUMNUS FLORIDANUS             |           |    | 1  |
| PILUMNUS SAYI                   | 1         | 1  | 6  |
| PILUMNUS PANNOSUS               |           |    | 1  |
| EURYPLAX NITIDA                 | 1         | 6  | 12 |
| SQUILLA RUGOSA                  | 1         |    | 1  |
| MEIOSQUILLA SCHMITTI            | 1         |    |    |
| GONODACTYLUS BREDINI            |           |    | 4  |
| PHASCOLION STROMBI              |           |    | X  |
| NELLIA OCLATA                   |           |    | X  |
| BUGULA NERITINA                 |           |    | X  |
| SCRUPOCELLARIA REGULARIS        |           |    | X  |
| CUPULADRIA BIPOROSA             |           | X  | X  |
| STYLOPOMA SPONGITES             |           |    | X  |
| CELLEPORARIA ALBIROSTRIS        |           |    | X  |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS).  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 13.

| TAXON                           | REPLICATE |   |   |
|---------------------------------|-----------|---|---|
|                                 | A         | B | C |
| CELLEPORARIA MAGNIFICA          |           |   | X |
| CRISIA ELONGATA                 |           |   | X |
| LUIDIA SP.                      |           |   | 1 |
| LUIDIA ALTERNATA                |           |   | 1 |
| ASTROPECTEN DUPLICATUS          | 1         |   |   |
| OPHIOLEPIS ELEGANS              |           | 1 | 1 |
| OPHIOPSILA RIISEI               | 1         |   | 2 |
| OPHIOSTIGMA ISOCANTHA           |           |   | 1 |
| LYTECHINUS VARIEGATUS CAROLINUS | 1         | 6 | 1 |
| CLYPEASTER SUBDEPRESSUS         | 1         | 1 |   |
| THYONELLA PERVICAX              |           | 1 | 2 |
| ASTICHOPUS MULTIFIDUS           |           |   | 1 |
| APLIDIUM SP.                    |           | X |   |
| APLIDIUM BERMUDAEE              |           | X |   |
| APLIDIUM LOBATUM                |           |   | X |
| DIDEMNUM CANDIDUM               | X         |   |   |
| TRIDIDEMNUM ORBICULATUM         |           |   | X |
| STYELIDAE                       |           |   | X |
| HEMIRAMPHUS SP.                 |           |   | 1 |
| SCORPAENA BRASILIENSIS          |           | 2 |   |
| SCORPAENA INERNIS               |           |   | 2 |
| CENTROPRISTIS OCYURUS           | 1         |   |   |
| DIPLECTRUM BIVITTATUM           | 1         |   |   |
| SERRANICULUS PUMILIO            |           | 1 |   |
| SERRANUS SUBLIGARIUS            | 1         |   |   |
| PARABLENNIUS MARMOREUS          |           |   | 2 |
| MICROGOBIUS SP.                 |           | 1 |   |
| MONACANTHUS CILIATUS            | 3         |   |   |
| LACTOPHRYS QUADRICORNIS         | 1         |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 15.

| TAXON                        | REPLICATE |   |   |
|------------------------------|-----------|---|---|
|                              | A         | B | C |
| CODIUM ISTHMOCLADUM          | X         | X |   |
| AVRAINVILLEA NIGRICANS       | X         | X | X |
| AVRAINVILLEA LONGICAULIS     |           |   | X |
| HALIMEDA GRACILIS            | X         |   |   |
| HALIMEDA SCABRA              |           |   | X |
| UDOTEA CONGLUTINATA          | X         | X | X |
| ROSENINGEA INTRICATA         | X         |   | X |
| EUCHEUMA ECHINOCARPUM        |           | X |   |
| SOLIERRA TENERA              |           |   | X |
| GRACILARIA ARMATA            | X         |   |   |
| GRACILARIA BLODGETTII        | X         | X | X |
| CORALLINACEAE                |           |   | X |
| LITHOTHAMNIUM RUPTILE        |           |   | X |
| LITHOTHAMNIUM OCCIDENTALE    | X         |   |   |
| CHAMPIA PARVULA              |           | X |   |
| LOMENTARIA BAILEYANA         |           |   | X |
| CRYPTARACHNE AGARDHII        |           |   | X |
| DASYA BAILOUVIANA            |           |   | X |
| DASYA HARVEYI                | X         |   | X |
| CHONDRIA SP.                 |           | X |   |
| HIPPOSPONGIA LACHNE          | X         | X |   |
| HYATTELLA INTESTINALIS       |           |   | X |
| IRGINIA CAMPANA              |           | X | X |
| IRGINIA STROBILINA           |           | X | X |
| DYSIDEA SPP.                 | X         |   | X |
| ? DYSIDEA SPP.               | X         | X | X |
| APLYSINA FISTULARIS V. FULVA | X         | X | X |
| AIOLOCHROIA CRASSA           | X         | X | X |
| HALICLONA COMPRESSA          |           | X |   |
| NIPHATES ERECTA              | X         |   | X |
| SPINOSELLA PLICIFERA         |           |   | X |
| SIPHONODICTYON SIPHONUM      | X         |   |   |
| MYCALE SP.                   |           | X | X |
| NEOFIBULARIA NOLITANGERE     | X         | X | X |
| IOTROCHOTA BIROTULATA        | X         | X | X |
| MICROCIONIDAE                |           |   | X |
| MICROCIONA SPP.              | X         | X |   |
| ? PANDAROS SP.               |           |   | X |
| ? HYMEDESMIA SP.             |           |   | X |
| ? COELOSPHAERIDAE            |           |   | X |
| CIOCALYPTA SPP.              |           |   | X |
| SPIRASTRELLA COCCINEA        | X         | X | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 15.

| TAXON                               | REPLICATE |   |   |
|-------------------------------------|-----------|---|---|
|                                     | A         | B | C |
| SPHECIOSPONGIA VESPARIUM            | X         |   |   |
| ANTHOSIGMELLA VARIANS               | X         | X | X |
| ANTHOSIGMELLA VARIANS V. INCRUSTANS | X         |   |   |
| PLACOSPONGIA MELOBESIOIDES          | X         | X |   |
| CLIONA CELATA                       |           | X |   |
| CLIONA DELITRIX                     |           |   | X |
| EPIPOLASIS SPP.                     | X         |   |   |
| ? EPIPOLASIS SPP.                   | X         | X |   |
| ASTEROPUS SP.                       | X         |   |   |
| ? JASPIS SPP.                       |           |   | X |
| GEODIA GIBBEROSA                    | X         | X |   |
| CINACHYRA KUEKENTHALI               | X         | X | X |
| CINACHYRA ALLOCLADA                 | X         | X |   |
| CHONDRILLIDAE                       | X         | X | X |
| ? CHONDROSIA SPP.                   |           | X | X |
| ? PLAKORTIS SP.                     |           | X |   |
| AXINELLA POLYCAPELLA                |           |   | X |
| AXINELLA SPP.                       |           | X | X |
| HOMAXINELLA WALTONSMITHI            |           | X | X |
| PSEUDAXINELLA LUNAECHARTA           |           | X |   |
| HEMECTYON ? PEARSEI                 | X         |   | X |
| EURYPONIDAE                         |           | X |   |
| LOPHOGORGIA CARDINALIS              |           | X |   |
| STEPHANOCOENIA MICHELINII           |           |   | X |
| AGARICIA FRAGILIS                   |           | X | X |
| SIDERASTREA RADIANIS                |           | X | X |
| CLADOCORA ARBUSCULA                 |           | X | X |
| SOLENASTREA HYADES                  |           |   | X |
| PHYLLANGIA AMERICANA                |           |   | X |
| OCULINA DIFFUSA                     |           | X |   |
| SCOLYMIA LACERA                     | X         | X | X |
| POLYCHAETA                          | X         |   | X |
| CALLIOSTOMA EUGLYPTUM               | 1         |   |   |
| ASTRAEA PHOEBIA                     |           |   | 1 |
| VERMICULARIA KNORII                 |           | 2 |   |
| TURRITELLA ACROPORA                 |           | 1 | 1 |
| STROMBUS COSTATUS                   | 1         |   |   |
| CHICOREUS DILECTUS                  |           | 1 |   |
| LATIRUS ANGULATUS                   |           | 1 |   |
| LATIRUS MACGINTYI                   |           | 2 |   |
| OLIVA EDWARDSI                      | 2         |   |   |
| CONUS AMPHIURGUS                    |           | 1 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 1B.

| TAXON                           | REPLICATE |   |   |
|---------------------------------|-----------|---|---|
|                                 | A         | B | C |
| BARBATIA CANCELLARIA            |           |   | 1 |
| CHLAMYS BENEDICTI               |           | 2 |   |
| AEQUIPECTEN MUSCOSUS            | 1         |   | 2 |
| SPONDYLUS AMERICANUS            |           | 1 |   |
| LAEVICARDIUM PICTUM             |           |   | 1 |
| AMERICARDIA MEDIA               |           |   | 1 |
| GASTROCHAENA HIANS              |           |   | 1 |
| CHAMA MACEROPHYLLA              |           | 5 | 1 |
| METAPENAEOPSIS GOODEI           |           |   | 1 |
| ALPHEUS ARMATUS                 |           |   | 1 |
| SYNALPHEUS TOWNSENDI            |           |   | 1 |
| PAGURISTES SERICEUS             |           | 1 |   |
| DROMIDIA ANTILLENIS             | 4         | 2 |   |
| HYPOCONCHA SABULOSA             |           |   | 1 |
| MACROCOELOMA CF. TRISPINOSUM    | 2         | 1 | 5 |
| MITHRAX (MITHRAX) PLEURACANTHUS | 7         | 4 | 5 |
| MITHRAX (MITHRACULUS) FORCEPS   |           | 2 | 1 |
| PITHO LHERMINIERI               |           |   | 1 |
| STENOCIONOPS FURCATA FURCATA    |           |   | 3 |
| STENOCIONOPS FURCATA COELATA    |           | 1 | 2 |
| PORTUNUS ORDWAYI                |           |   | 1 |
| MICROPANOPE LAEVIMANUS          |           |   | 1 |
| PILUMNUS FLORIDANUS             |           |   | 1 |
| PILUMNUS SAYI                   |           |   | 1 |
| GONODACTYLUS BREDINI            | 4         | 2 | 3 |
| CIGCLISULA CF. TURRITA          |           | X | X |
| STYLOPOMA SPONGITES             | X         |   | X |
| HIPPOPORIDRA EDAX               | X         | X | X |
| CELLEPORARIA ALBIROSTRIS        | X         |   | X |
| ASTROPECTEN DUPLICATUS          | 2         | 1 |   |
| OPHIODERMA APPRESSUM            | 1         | 1 | 2 |
| OPHIOTHRIX SUENSONII            | 5         |   |   |
| OPHIOTHRIX LINEATA              |           |   | 1 |
| ARBACIA PUNCTULATA              |           | 2 |   |
| LYTECHINUS VARIEGATUS CAROLINUS |           |   | 4 |
| CLYPEASTER SUBDEPRESSUS         | 1         |   | 4 |
| CLAVELINA SP.                   |           |   | X |
| CLAVELINA GIGANTEA              | X         | X |   |
| CLAVELINA SP. 1                 | X         |   | X |
| APLIDIUM BERMUDAEE              |           |   | X |
| SCORPAENA BRASILIENSIS          | 1         |   |   |
| SERRANUS SUBLIGARIUS            | 2         |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 21.

| TAXON                        | REPLICATE |   |   |
|------------------------------|-----------|---|---|
|                              | A         | B | C |
| CAULERPA SERTULARIOIDES      |           |   | X |
| HALIMEDA GRACILIS            | X         | X | X |
| UDOTEA CONGLUTINATA          |           | X |   |
| CYSTODICTYON PAVONIUM        | X         | X | X |
| DICTYOTA SP.                 | X         |   |   |
| SARGASSUM NATANS             |           | X | X |
| SARGASSUM FLUITANS           | X         |   | X |
| SARGASSUM VULGARE            |           | X | X |
| SPOROCHNUS PEDUNCULATUS      | X         |   |   |
| AGARDHIELLA SUBULATA         | X         |   |   |
| GRACILARIA SP.               |           |   | X |
| GRACILARIA MAMILLARIS        | X         |   |   |
| PEYSSONNELIA SIMULANS        |           |   | X |
| LITHOPHYLLUM PUSTULATUM      |           | X |   |
| THALASSIA TESTUDINUM         |           | X |   |
| CALCAREA                     | X         |   |   |
| CLATHRINA ? CORIACEA         | X         |   |   |
| LEUCETTA ? FLORIDANA         | X         |   |   |
| ? LEUCETTA SP.               | X         |   |   |
| ? LEUCOSOLENIA SPP.          | X         | X | X |
| HYATTELLA INTESTINALIS       | X         | X | X |
| IRCINIA CAMPANA              |           | X | X |
| IRCINIA STROBILINA           | X         | X | X |
| IRCINIA FELIX                |           |   | X |
| IRCINIA ? STROBILINA         | X         |   |   |
| ? HYRTIOS SP.                | X         |   |   |
| DYSIDEA SPP.                 | X         | X |   |
| ? DYSIDEA SPP.               |           |   | X |
| APLYSINA FISTULARIS V. FULVA | X         |   | X |
| AILOCHROIA CRASSA            | X         | X | X |
| IGERNELLA ? NOTABILIS        |           |   | X |
| HALICLONA SPP.               |           |   |   |
| NIPHATES ERECTA              | X         | X | X |
| ? NIPHATES SP.               |           | X |   |
| ? GELLIUS SPP.               |           |   | X |
| SIPHONODICTYON SIPHONUM      |           | X |   |
| HEMIGELLIUS SP.              |           | X |   |
| ? GELLIODES SPP.             |           | X |   |
| ? ADOCIIDAE                  |           |   | X |
| COELOSPHAERIDAE              |           | X |   |
| MYCALIDAE                    |           |   | X |
| NEOFIBULARIA NOLITANGERE     | X         |   | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 15.

| TAXON               | REPLICATE |   |   |
|---------------------|-----------|---|---|
|                     | A         | B | C |
| APOGON AUROLINEATUS |           | 1 |   |
| APOGON PIGMENTARIUS |           |   | 2 |
| STARKSIA OCELLATA   |           |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 21.

| TAXON                      | REPLICATE |   |   |
|----------------------------|-----------|---|---|
|                            | A         | B | C |
| TEDANIIDAE                 |           | X |   |
| TEDANIA ? IGNIS            | X         | X |   |
| LISSODENDORYX ISODICTYALIS |           | X |   |
| IOTROCHOTA BIROTULATA      |           | X | X |
| ? TEDANIA SP.              | X         |   |   |
| ? LISSODENDORYX SP.        |           |   | X |
| ? FORCEPIA SP.             |           | X |   |
| MICROCIONIDAE              |           | X |   |
| MICROCIONA SPP.            | X         |   |   |
| THALYSIAS ? JUNIPERINA     |           | X |   |
| ? HMEDESMIA SP.            | X         |   |   |
| ? BUBARIS SPP.             |           | X | X |
| ? COELOSPHAERIDAE          |           | X |   |
| ? HALICHONDRIA SPP.        |           |   | X |
| SPIRASTRELLA COCCINEA      | X         |   | X |
| SPHECIOSPONGIA VESPARIUM   |           |   | X |
| ANTHOSIGNELLA VARIANS      | X         | X | X |
| PLACOSPONGIA MELOBESTOIDES | X         | X | X |
| ? TETHYA SP.               |           |   | X |
| ? EPIPOLASIS SPP.          | X         |   | X |
| SCOLOPES MEGASTRA          | X         | X | X |
| ASTEROPUS SP.              |           |   | X |
| ? JASPIS SPP.              | X         |   | X |
| MYRIASTRA ? KALLITETILLA   | X         |   |   |
| GEODIA GIBBEROSA           | X         | X | X |
| CINACHYRA ALLOCLADA        | X         | X | X |
| CHONDRILLA SP.             |           | X |   |
| CHONDROSIA SPP.            |           |   | X |
| HOMAXINELLA WALTONSMITHI   |           | X | X |
| PHAKELLIA FOLIUM           | X         |   |   |
| ? MYRMEKIODERMA SP.        |           | X | X |
| EUDENDRIUM CARNEUM         | X         |   |   |
| THYROSCYPHUS MARGINATUS    | X         | X |   |
| HALECIUM MACROCEPHALUM     |           | X |   |
| SIDERASTREA RADIANS        | X         | X |   |
| PHYLLANGIA AMERICANA.      |           |   | X |
| OCULINA DIFFUSA            |           | X |   |
| SCOLYMIA LACERA            |           |   | X |
| POLYCHAETA                 | X         | X | X |
| DIODORA JAUMEI             |           | 1 |   |
| CALLIOSTOMA JUJUBINUM      |           | 2 |   |
| VERMICULARIA KNORII        |           | 1 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 21.

| TAXON                         | REPLICATE |   |   |
|-------------------------------|-----------|---|---|
|                               | A         | B | C |
| TURRITELLA ACROPORA           |           | 2 |   |
| TURRITELLA EXOLETA            | 2         |   | 2 |
| CRUCIBULUM PLANUM             | 1         |   |   |
| XENOPHORA CONCHYLIOPHORA      | 1         |   |   |
| TRIVIA MALTBIANA              |           | 1 |   |
| CYPRAEA SPURCA ACICULARIS     |           | 2 |   |
| MUREX RUBIDUS                 |           | 1 |   |
| NASSARIUS CONSENSUS           |           | 1 |   |
| FUSINUS EUCOSMIUS             | 1         |   |   |
| POLYSTIRA ALBIDA              | 1         | 3 | 2 |
| CRASSISPIRA OSTREARUM         | 1         |   |   |
| TYLODINA AMERICANA            | 1         |   |   |
| HYPSELODORIS EDENTICULATA     |           | 1 |   |
| PLATYDORIS ANGSTIPES          | 1         |   |   |
| BORNELLA CALCARATA            | 1         | 1 |   |
| GASTROPODA EGGS               |           |   | X |
| CHLAMYS BENEDICTI             | 3         | 2 | 3 |
| PECTEN RAVENELI               | 1         | 1 |   |
| AEQUIPECTEN MUSCOSUS          |           | 3 |   |
| ARGOPECTEN GIBBUS             |           | 1 | 1 |
| LIMA PELLUCIDA                | 2         | 1 | 1 |
| NEMOCARDIUM TINCTUM           | 3         | 1 | 1 |
| LAEVICARDIUM PICTUM           | 1         | 5 | 5 |
| PAPYRIDEA SOLENIFORMIS        |           | 1 |   |
| CORBULA DIETZIANA             | 1         |   |   |
| OCTOPUS VULGARIS              |           |   | 1 |
| METAPENAEOPSIS GOODEI         |           |   | 1 |
| SYNALPHEUS PANDIONIS          |           | 3 |   |
| SYNALPHEUS CF. DISPARODIGITUS | 1         |   |   |
| SCYLLARUS CHACEI              |           | 1 |   |
| IRIDOPAGURUS SP.              |           | 1 |   |
| PHIMOCHIRUS HOLTHUISI         | 1         | 1 |   |
| MUNIDA ANGULATA               | 1         |   |   |
| PACHYCHELES RUGIMANUS         | 1         |   |   |
| PAGURISTES CF. PUNCTICEPS     |           | 1 |   |
| PAGURISTES SERICEUS           | 2         | 3 | 3 |
| DROMIDIA ANTILLENIS           | 2         | 4 | 5 |
| HYPOCONCHA SABULOSA           | 1         |   |   |
| HYPOCONCHA ARCUATA            |           |   | 1 |
| ETHUSA MASCARONE AMERICANA    | 2         |   |   |
| SYMETHIS VARIOLOSA            | 1         |   |   |
| MACROCOELOMA SEPTemspinosum   | 1         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 21.

| TAXON                           | REPLICATE |   |   |
|---------------------------------|-----------|---|---|
|                                 | A         | B | C |
| MACROCOELOMA CF. TRISPINOSUM    |           | 2 |   |
| MITHRAX (MITHRAX) ACUTICORNIS   | 6         |   | 2 |
| MITHRAX (MITHRAX) PLEURACANTHUS | 1         | 1 | 1 |
| STENOCIONOPS FURCATA FURCATA    | 2         |   | 8 |
| STENOCIONOPS FURCATA COELATA    |           | 2 |   |
| STENORHYNCHUS SETICORNIS        | 5         |   |   |
| PILUMNUS FLORIDANUS             | 2         | 1 |   |
| PALICUS ALTERNATUS              | 3         |   | 1 |
| MEIOSQUILLA QUADRIDENS          |           |   | 1 |
| GONODACTYLUS BREDINI            | 4         | 3 |   |
| GONODACTYLUS ? BREDINI          |           |   | 1 |
| STEGANOPORELLA MAGNILABRIS      | X         | X | X |
| HIPPOMETRALIELLA BISINUATA      | X         |   |   |
| CIGCLISULA CF. TURRITA          |           | X |   |
| STYLOPOMA SPONGITES             |           | X | X |
| CELLEPORARIA ALBIROSTRIS        | X         | X | X |
| CELLEPORARIA MAGNIFICA          |           | X | X |
| ASTROPECTEN DUPLICATUS          |           |   | 3 |
| GONIASTER TESSELLATUS           |           | 1 |   |
| OPHIOLEPIS ELEGANS              |           | 1 |   |
| OPHIODERMA BREVISPINUM          |           |   | 2 |
| OPHIODERMA APPRESSUM            |           | 3 |   |
| AMPHIURIDAE                     | 1         |   |   |
| OPHIOTHRIX ANGULATA             | 6         | 2 | 5 |
| ARBACIA PUNCTULATA              | 4         | 3 | 2 |
| LYTECHINUS VARIEGATUS CAROLINUS | 2         | 1 | 2 |
| CLYPEASTER SUBDEPRESSUS         | 1         | 6 | 6 |
| ISOSTICHOPUS BADIONOTUS         | 1         |   |   |
| CLAVELINA SP.                   |           | X | X |
| EUDISTOMA CAPSULATUM            |           | X |   |
| APLIDIUM EXILE                  | X         | X | X |
| DIDEMNUM CANDIDUM               | X         | X | X |
| TRIDIDEMNUM ORBICULATUM         |           |   | X |
| POLYANDROCARPA FLORIDANA        | X         | X | X |
| PYURA VITTATA                   |           |   | X |
| OPSANSUS PARDUS                 |           |   | 1 |
| ANTENNARIUS OCELLATUS           |           |   | 1 |
| SCORPAENA BRASILIENSIS          |           | 1 |   |
| CHROMIS ENCHRYSURUS             | 1         | 3 |   |
| SPARISOMA ATOMARIUM             |           |   | 1 |
| PARABLENNIUS MARMOREUS          | 1         | 1 |   |
| CORYPHOPTERUS SP.               | 1         | 1 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 21.

| TAXON           | REPLICATE |   |   |
|-----------------|-----------|---|---|
|                 | A         | B | C |
| SYACIUM GUNTERI |           |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 23.

| TAXON                       | REPLICATE |   |   |
|-----------------------------|-----------|---|---|
|                             | A         | B | C |
| HALIMEDA GRACILIS           | X         | X |   |
| PALMELLACEAE N. SP.         | X         | X | X |
| STRUVEA PULCHERRIMA         |           | X |   |
| ANADYOMENE MENZIESII        | X         | X | X |
| VALONIA VENTRICOSA          | X         | X |   |
| PADINA PROFUNDA             |           |   | X |
| GRACILARIA MAMILLARIS       |           | X |   |
| PEYSSONNELIA RUBRA          | X         | X | X |
| PEYSSONNELIA SIMULANS       | X         | X |   |
| CORALLINACEAE               |           | X | X |
| LITHOPHYLLUM PUSTULATUM     |           | X | X |
| LITHOTHAMNIUM CALCAREUM     | X         |   |   |
| HALYMENIA VINACEA           | X         |   |   |
| AGARDHINULA BROWNEAE        | X         | X |   |
| DEMOSPONGEA                 |           | X | X |
| SPONGIIDAE                  | X         |   |   |
| HYATTELLA INTESTINALIS      |           | X | X |
| DYSIDEA FRAGILIS            |           | X |   |
| DYSIDEA SPP.                | X         |   | X |
| HALICLONA COMPRESSA         | X         |   |   |
| GELLIUS SP.                 |           | X |   |
| ? HALICLONA SPP.            | X         |   | X |
| ? ADOCIA SPP.               |           |   | X |
| ? CRIBROCHALINA SPP.        | X         |   |   |
| DEMOSPONGEA-POECILOSCLERIDA | X         |   | X |
| ? DRAGMATELLA SP.           |           | X |   |
| NEOFIBULARIA NOLITANGERE    | X         |   |   |
| MICROCIONIDAE               |           |   | X |
| PANDAROS SP.                |           | X |   |
| ? DESMACELLA SP.            |           |   | X |
| ? BIEMNA SPP.               | X         | X | X |
| BUBARIS SPP.                | X         |   |   |
| ? BUBARIS SPP.              | X         | X | X |
| HALICHONDRIA SPP.           | X         |   |   |
| ? HALICHONDRIA SPP.         |           | X | X |
| PLACOSPONGIA MELOBESIOIDES  |           | X | X |
| CLIONA SCHMIDTI             |           | X | X |
| ? EPIPOLASIS SPP.           |           |   | X |
| COPPATIIDAE                 | X         |   |   |
| ? JASPIS SPP.               | X         |   |   |
| ANCORINIDAE                 |           |   | X |
| CHONDROSIA SPP.             |           | X |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 23.

| TAXON                         | REPLICATE |   |   |
|-------------------------------|-----------|---|---|
|                               | A         | B | C |
| ? PLAKINIDAE                  |           |   | X |
| DEMOSPONGEA-LITHISTIDA        | X         | X | X |
| TEICHAXINELLA SHOEMAKERI      | X         |   | X |
| ANTIPATHES CF. FURCATA        |           |   | X |
| MADRACIS ASPERULA             | X         | X |   |
| POLYCHAETA                    | X         | X | X |
| CALLIOSTOMA ROSEOLUM          | 2         |   |   |
| TURRITELLA EXOLETA            |           | 1 | 2 |
| TRIVIA PEDICULUS              |           |   | 1 |
| CYPRAEA SPURCA ACICULARIS     |           | 1 |   |
| CYPRAEA CINEREA               |           |   | 1 |
| CYPRACASSIS TESTICULUS        |           | 1 |   |
| SPLENDRILLIA MOSERI           |           |   | 1 |
| CHLAMYS BENEDICTI             | 1         |   |   |
| LAEVICARDIUM LAEVIGATUM       | 1         |   | 1 |
| AMERICARDIA MEDIA             |           |   | 1 |
| PITAR CORDATUS                |           | 1 |   |
| OCTOPUS JOUBINI               | 2         |   |   |
| LEPTOCHELA PAPULATA           |           | 2 |   |
| ALPHEUS SP.                   | 1         |   |   |
| SCYLLARUS CHACEI              |           | 1 |   |
| AXIOPSIS SP. A                |           | 1 |   |
| MUNIDA ANGULATA               | 4         | 6 | 1 |
| MUNIDA SPINIFRONS             |           |   | 1 |
| DROMIDIA ANTILLENIS           |           | 1 |   |
| SYMETHIS VARIOLOSA            | 1         | 1 |   |
| MACROCOELOMA EUTHECA          | 3         |   | 1 |
| MITHRAX (MITHRAX) ACUTICORNIS | 3         | 1 | 3 |
| PARTHENOPE FRATERCULUS        | 1         | 2 |   |
| MICROPANOPE LAEVIMANUS        |           |   | 1 |
| MICROPANOPE SCULPTIPES        | 7         | 6 | 5 |
| MELYBIA THALAMITA             | 2         |   | 2 |
| EUCHIROGRAPSUS AMERICANUS     | 2         |   |   |
| PALICUS AFFINIS               | 3         | 1 |   |
| PALICUS FAXONI                |           | 1 | 2 |
| GONODACTYLUS TORUS            | 2         |   |   |
| PSEUDOSQUILLA CILIATA         |           | 1 |   |
| STEGANOPORELLA MAGNILABRIS    | X         | X | X |
| STYLOPOMA SPONGITES           |           | X |   |
| CELLEPORARIA ALBIROSTRIS      |           |   | X |
| LUIDIA SAGAMINA               |           | 1 |   |
| ASTERINA FOLIUM               |           | 1 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 23.

| TAXON                                    | REPLICATE |    |    |
|--|-----------|----|----|
|  | A         | B  | C  |
| PORANIELLA REGULARIS                     | 2         | 2  | 1  |
| OPHIOMYXA FLACCIDA                       | 2         | 2  | 2  |
| OPHIOLEPIS ELEGANS                       |           | 1  |    |
| OPHIOLEPIS SP. A                         | 1         |    |    |
| OPHIOPSILA RIISEI                        |           | 1  |    |
| OPHIONEREIS OLIVACEA                     | 2         |    | 1  |
| OPHIODERMA BREVISPINUM                   |           | 1  | 1  |
| OPHIODERMA RUBICUNDUM                    | 15        |    | 11 |
| OPHIODERMA APPRESSUM                     | 1         |    |    |
| OPHIACANTHIDAE                           | 1         |    |    |
| OPHIOTHRIX ANGULATA                      | 3         | 14 | 3  |
| STYLOCIDARIS AFFINIS                     |           | 4  |    |
| CENTROSTEPHANUS LONGISPINUS RUBRICINGULU | 1         |    |    |
| ARBACIA PUNCTULATA                       | 4         | 2  | 2  |
| GENOCIDARIS MACULATA                     | 2         |    |    |
| ECHINOLAMPAS DEPRESSA                    |           |    | 1  |
| CLAVELINA SP.                            | X         |    |    |
| DIDEMNUM CANDIDUM                        | X         | X  | X  |
| ANARCHIAS YOSHIAE                        | 1         |    |    |
| HIPPOCAMPUS ERECTUS                      |           | 1  |    |
| SCORPAENA DISPAR                         | 1         |    | 1  |
| STARKSIA SP.                             |           | 1  |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 29.

| TAXON                             | REPLICATE |   |   |
|-----------------------------------|-----------|---|---|
|                                   | A         | B | C |
| CODIUM REPENS                     |           |   | X |
| HALIMEDA DISCOIDEA V. PLATYLOBA   |           |   | X |
| OSTREOBIMUM QUEKETTII             | X         | X |   |
| PALMELLACEAE N. SP.               | X         | X | X |
| ANADYOMENE MENZIESII              | X         | X | X |
| VALONIA VENTRICOSA                |           | X | X |
| LOBOPHORA VARIEGATA               |           | X |   |
| SARGASSUM FLUITANS                |           |   | X |
| SQUAMARIACEAE                     |           | X |   |
| PEYSSONNELIA RUBRA                |           |   | X |
| PEYSSONNELIA SIMULANS             | X         | X | X |
| ETHELIA SP.                       | X         |   | X |
| CORALLINACEAE                     |           |   | X |
| LITHOPHYLLUM PUSTULATUM           |           | X | X |
| AMPHIROA HANCOCKII                |           |   | X |
| CALCAREA-CALCINEA-LEUCETTIDA      |           | X |   |
| LEUCETTA ? FLORIDANA              |           |   | X |
| ? LEUCETTA SP.                    | X         |   | X |
| ? LEUCOSOLENIA SPP.               |           |   | X |
| APHROCERAS ? ENSATA               |           | X |   |
| APLYSINA LACUNOSA                 |           | X |   |
| APLYSINA FISTULARIS V. FISTULARIS | X         |   |   |
| AIOLOCHROIA CRASSA                | X         |   |   |
| HALICLONIDAE                      |           |   | X |
| HALICLONA COMPRESSA               | X         |   | X |
| SPINOSSELLA PLICIFERA             |           | X |   |
| ? HALICLONA SPP.                  |           |   | X |
| ? ADOCIA SPP.                     |           | X |   |
| NEPHELIOSPONGIIDAE                | X         |   | X |
| XESTOSPONGIA SP.                  | X         | X |   |
| XESTOSPONGIA SUBTRIANGULARIS      |           | X |   |
| HEMIGELLIUS SP.                   | X         |   |   |
| ? ADOCIIDAE                       |           |   | X |
| AGELAS SP.                        | X         |   |   |
| ? IOTROCHOTA SP.                  | X         |   |   |
| ? BUBARIS SPP.                    |           | X | X |
| HALICHONDRIA SPP.                 | X         |   |   |
| ? HALICHONDRIA SPP.               |           |   | X |
| ? ANTHOSIGMELLA SP.               |           |   | X |
| PLACOSPONGIA MELOBESIOIDES        | X         |   |   |
| CLIONA SCHMIDTI                   | X         |   |   |
| DIDISCUS SP.                      |           | X |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 29.

| TAXON                               | REPLICATE |   |   |
|-------------------------------------|-----------|---|---|
|                                     | A         | B | C |
| -----                               |           |   |   |
| EPIPOLASIS? LITHOPHAGA              |           |   | X |
| EPIPOLASIS SPP.                     |           |   | X |
| ? EPIPOLASIS SPP.                   | X         |   |   |
| ASTEROPUS SP.                       |           |   | X |
| ? JASPIS SPP.                       | X         |   | X |
| ANCORINIDAE                         | X         |   |   |
| ? STOEBIA SP.                       | X         |   | X |
| GEODIA NEPTUNI                      | X         | X |   |
| AXINELLA POLYCAPELLA                |           | X |   |
| STEPHANOSCYPHUS CORNIFORMIS         | X         |   |   |
| ANTIPATHES GRACILIS                 | X         | X |   |
| NIDALIA OCCIDENTALIS                | X         |   |   |
| DIDOGORGIA NODULIFERA               |           | X |   |
| SCLERACIS GUADALUPENSIS             | X         |   |   |
| NICELLA GUADALUPENSIS               | X         |   |   |
| ANEMONE SPP.                        |           |   | X |
| MADRACIS DECACTIS                   | X         | X | X |
| MADRACIS FORMOSA                    | X         | X | X |
| MADRACIS MIRABILIS                  | X         |   |   |
| MADRACIS MYRIASTER                  | X         |   | X |
| AGARICIA SP.                        |           |   | X |
| AGARICIA FRAGILIS                   |           | X | X |
| AGARICIA AGARICITES                 | X         | X | X |
| AGARICIA AGARICITES AGARICITES      |           | X |   |
| AGARICIA AGARICITES PURPUREA        | X         |   | X |
| LEPTOSERIS (HELIOSERIS) CUCULLATA   | X         | X |   |
| PORITES ASTREOIDES                  | X         | X |   |
| MANICINA AREOLATA                   | X         | X | X |
| MONTASTREA CAVERNOSA                |           |   | X |
| SCOLYMIA SP.                        | X         | X |   |
| SCOLYMIA LACERA                     | X         | X |   |
| POLYCHAETA                          | X         | X |   |
| HALIOTIS POURTALESII                |           | 2 |   |
| CALLIOSTOMA TAMPAENSE               |           | 1 |   |
| CERITHIUM LITTERATUM SEMIFERRUGINEA |           | 1 |   |
| CYPRAEA SPURCA ACICULARIS           | 2         |   |   |
| SILIQARIA SQUAMATA                  |           | 1 |   |
| SILIQARIA MODESTA                   | 1         |   |   |
| MURICOPSIS OXYTATA                  |           | 1 |   |
| LATIRUS MACGINTYI                   |           | 1 |   |
| APLYSIA PARVULA                     |           |   | 1 |
| DOLABRIFERA DOLABRIFERA             | 2         | 2 | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 29.

| TAXON                             | REPLICATE |   |   |
|-----------------------------------|-----------|---|---|
|                                   | A         | B | C |
| PLATYDORIS ANGUSTIPES             |           |   | 1 |
| GASTROPODA EGGS                   | X         | X |   |
| ARCA IMBRICATA                    |           | 1 |   |
| CHLAMYB BENEDICTI                 | 1         |   | 1 |
| SPONDYLUS ICTERICUS               |           | 1 |   |
| SPONDYLUS AMERICANUS              |           | 1 |   |
| LIMA LIMA                         | 1         |   |   |
| METAPENAEOPSIS GERARDOI           | 1         |   |   |
| MUNIDA ANGULATA                   |           | 1 |   |
| PAGURISTES CADENATI               |           | 3 |   |
| MITHRAX (MITHRAX) ACUTICORNIS     | 1         | 3 | 3 |
| STENORHYNCHUS SETICORNIS          | 7         | 1 |   |
| MICROPANOPE SCULPTIPES            |           | 3 | 1 |
| MELYBIA THALAMITA                 |           | 3 | 5 |
| PLATYACTAEA SP. A                 | 4         | 2 | 1 |
| NANOPLAX XANTHIFORMIS             | 1         | 1 |   |
| PALICUS AFFINIS                   |           |   | 1 |
| GONODACTYLUS TORUS                | 1         |   | 1 |
| STEGANOPORELLA MAGNILABRIS        | X         | X |   |
| BUGULA NERITINA                   | X         | X | X |
| STYLOPOMA SPONGITES               | X         | X | X |
| CELLEPORARIA ALBIROSTRIS          | X         | X |   |
| CELLEPORARIA MAGNIFICA            |           | X | X |
| PARASHMITTINA SPATHULATA          |           | X |   |
| ARGYROTHECA LUTEA                 | X         | X | X |
| ARGYROTHECA BARRETTIANA           | X         | X | X |
| PORANIELLA REGULARIS              | 1         | 3 |   |
| OPHIOMYXA FLACCIDA                | 3         |   | 1 |
| OPHIOLEPIS SP. A                  |           | 1 |   |
| OPHIOCOMA PUMILA                  |           | 1 | 1 |
| OPHIOCOMA WENDTI                  |           | 1 |   |
| OPHIOPSILA RIISEI                 | 2         |   |   |
| OPHIONEREIS OLIVACEA              |           | 3 | 1 |
| OPHIODERMA SP.                    | 6         | 8 |   |
| OPHIODERMA RUBICUNDUM             | 3         | 7 | 4 |
| OPHIODERMA APPRESSUM              |           | 1 |   |
| OPHIACANTHA LITTORALIS            | 2         | 2 | 1 |
| OPHIACTIS SAVIGNYI                |           | 1 |   |
| OPHIACTIS MULLERI                 | 9         | 2 |   |
| OPHIOTHRUX ANGULATA               | 1         | 3 | 1 |
| OPHIOTHRUX SUENSONII              |           | 1 |   |
| EUCIDARIS TRIBULOIDES TRIBULOIDES | 1         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
 LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 29.

| TAXON                    | REPLICATE |    |   |
|--------------------------|-----------|----|---|
|                          | A         | B  | C |
| DIADEMA ANTILLARUM       | 7         | 8  | 5 |
| ARBACIA PUNCTULATA       | 11        | 10 | 2 |
| GENOCIDARIS MACULATA     | 1         |    |   |
| LYTECHINUS WILLIAMSII    | 1         |    |   |
| NEMASTER DISCOIDEA       |           |    | 1 |
| COMACTINIA MERIDIONALIS  | 1         |    |   |
| COMACTINIA ECHINOPTERA   | 1         |    |   |
| DISTAPLIA STYLIFERA      |           |    | X |
| POLYCLINIDAE             | X         |    |   |
| DIDEMNUM CANDIDUM        | X         |    |   |
| RHOPALAEA ABDOMINALIS    | X         |    |   |
| POLYANDROCARPA FLORIDANA |           |    | X |
| PYURA VITTATA            |           | X  |   |
| SCORPAENA DISPAR         |           |    | 1 |
| LIPOGRAMMA SP.           | 1         |    |   |
| APOGON AUROLINEATUS      |           | 2  |   |
| APOGON PILLIONATUS       |           | 1  |   |
| CHROMIS ENCHRYSURUS      | 1         | 1  |   |
| CHROMIS SCOTTI           | 1         |    |   |
| GNATHOLEPIS THOMPSONI    |           | 1  |   |
| MONACANTHUS CILIATUS     |           |    | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 32.

| TAXON                          | REPLICATE |   |   |
|--------------------------------|-----------|---|---|
|                                | A         | B | C |
| SARGASSUM FLUITANS             |           |   | X |
| GRACILARIA VERRUCOSA           |           | X |   |
| ? LEUCETTA SP.                 | X         | X |   |
| HEXACTINELLIDA-DICTYONINA      |           |   | X |
| AULOCYSTIS ZITTELII            |           |   | X |
| IRCINIA STROBILINA             |           |   | X |
| DYSIDEA SPP.                   | X         |   | X |
| ? ADOCIA SPP.                  |           |   | X |
| COELOSPHAERIDAE                | X         | X | X |
| MYCALE SP.                     | X         | X |   |
| ? FORCEPIA SP.                 | X         |   | X |
| THALYSIAS ? JUNIPERINA         |           | X |   |
| ? THALYSIAS SP.                | X         |   |   |
| BUBARIS SPP.                   |           |   | X |
| ? BUBARIS SPP.                 |           |   | X |
| ? RHABDOPLOCA SP.              |           | X |   |
| ? MYXILLIDAE                   |           | X |   |
| ? HALICHONDRIA SPP.            |           |   | X |
| STYLOCORDYLA SP.               | X         |   |   |
| STYLOCORDYLA ? LONGISSIMA      | X         |   | X |
| ? EPIPOLASIS SPP.              | X         | X |   |
| DEMOSPONGEA-CHORISTIDA         |           |   | X |
| ? STOEBIA SP.                  |           |   | X |
| ? PENARES SPP.                 |           |   | X |
| GEODIA NEPTUNI                 | X         |   |   |
| ? ANCORINIDAE                  |           |   | X |
| PACHASTRELLA ? MONILIFERA      |           |   | X |
| ? PACHASTRELLA SP.             |           |   | X |
| DISCODERMIA SP.                |           |   | X |
| TEICHAXINELLA SHOEMAKERI       |           |   | X |
| ? DRAGMAXIA SP.                |           |   | X |
| ? AXINELLIDAE                  |           |   | X |
| ACRYPTOLARIA CONFERTA          | X         |   | X |
| MODEERIA ROTUNDA               |           |   | X |
| STEPHANOSCYPHUS CORNIFORMIS    |           | X |   |
| THESEA GRANDIFLORA RUGULUSA    |           |   | X |
| DELTOCYATHUS CALCAR            |           | X |   |
| FLABELLUM FRAGILE              |           | X |   |
| JAVANIA CAILLETI               | X         |   |   |
| XENOPHORA CARIBBAEA            | 1         |   |   |
| DISTORSIO CONSTRICTA MACGINTYI | 1         |   |   |
| MUREX TRYONI                   |           | 1 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 32.

| TAXON                           | REPLICATE |   |   |
|---------------------------------|-----------|---|---|
|                                 | A         | B | C |
| ANTILLOPHOS CANDEI              | 4         | 3 | 2 |
| PHOS BEAUI                      |           |   | 1 |
| FUSINUS STEGERI                 |           |   | 1 |
| POLYSTIRA TELLEA                |           |   | 1 |
| GASTROPODA EGGS                 | X         |   |   |
| AEQUIPECTEN PHRYGIUM            | 1         |   | 1 |
| SICYONIA SP.                    |           | 1 |   |
| SCYLLARUS DEPRESSUS             |           | 2 |   |
| RHODOCHIRUS ROSACEUS            |           |   | 2 |
| MUNIDA IRRASA                   | 3         | 8 |   |
| PAGURISTES SPINIPES             |           |   | 5 |
| PAGURISTES SP. B                | 1         |   |   |
| CANCELLUS VIRIDIS               |           |   | 1 |
| HOMOLA BARBATA                  |           |   | 1 |
| CALAPPA ANGSTA                  |           |   | 1 |
| OSACHILA TUBEROSA               | 1         | 2 | 3 |
| MYROPSIS QUINQUESPINOSA         | 4         |   |   |
| ILIACANTHA SUBGLOBOSA           | 1         |   | 2 |
| MITHRAX (MITHRAX) PLEURACANTHUS | 1         |   |   |
| PODOCHELA LAMELLIGERA           |           |   | 1 |
| STENOCHIONOPS SPINIMANA         |           |   | 1 |
| NIBILIA ANTILOCAPRA             |           |   | 2 |
| PARTHENOPE AGONA                |           | 1 | 1 |
| PARTHENOPE FRATERCULUS          |           |   | 1 |
| MICROPANOPE SCULPTIPES          |           |   | 8 |
| NANOPLAX XANTHIFORMIS           | 2         |   | 5 |
| EUCHIROGRAPSUS AMERICANUS       |           |   | 1 |
| PHASCOLION STROMBI              | X         |   |   |
| CELLARIA IRREGULARIS            | X         |   | X |
| COLLETOSIA RADIATA              |           | X |   |
| CLEIDOCASMA PORCELLANUM         |           | X |   |
| HIPPOPORINA AMERICANA           |           | X |   |
| CELLEPORARIA TUBULOSA           | X         | X | X |
| CELLEPORARIA MORDAX             |           | X |   |
| PARASMITTINA CROSSLANDI         |           | X |   |
| HIPPOPODINA BERNARDI            |           | X |   |
| ASTROPECTEN DUPLICATUS          | 1         |   |   |
| PECTINASTER MIXTUS              | 1         |   |   |
| TOSIA PARVA                     | 1         |   |   |
| ROSASTER ALEXANDRI              | 1         |   |   |
| OPHIOPLEX SP. B                 | 1         |   |   |
| STYLOCIDARIS AFFINIS            | 1         | 1 | 3 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 32.

| TAXON                     | REPLICATE |    |    |
|---------------------------|-----------|----|----|
|                           | A         | B  | C  |
| ECHINOLAMPAS DEPRESSA     |           | 4  | 6  |
| COMACTINIA MERIDIONALIS   |           | 4  | 11 |
| NEOCOMATELLA PULCHELLA    | 17        | 22 | 5  |
| DIDEMNUM CANDIDUM         |           |    | X  |
| ANTENNARIUS RADIOSUS      | 1         |    |    |
| PLECTRANTHIAS GARRUPELLUS |           | 1  |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 35.

| TAXON                       | REPLICATE |   |   |
|-----------------------------|-----------|---|---|
|                             | A         | B | C |
| SARGASSUM FLUITANS          |           | X |   |
| HEXACTINELLIDA-DICTYONINA   | X         | X | X |
| DACTYLOCALYX PUMICEUS       |           | X |   |
| ? ADOCIA SPP.               | X         |   |   |
| MYCALE SP.                  | X         |   | X |
| THALYSIAS ? JUNIPERINA      | X         | X |   |
| ? THALYSIAS SP.             |           | X |   |
| ? BIEMNA SPP.               | X         | X |   |
| ? BUBARIS SPP.              | X         | X | X |
| HALICHONDRIA SPP.           | X         |   |   |
| TETHYA SP.                  |           |   | X |
| STYLOCORDYLA ? LONGISSIMA   |           |   | X |
| DEMOSPONGEA-CHORISTIDA      | X         |   |   |
| ? STOEBIA SP.               | X         | X | X |
| ? PENARES SPP.              |           | X |   |
| ? ANCORINIDAE               | X         |   | X |
| PACHASTRELLA ? MONILIFERA   | X         |   |   |
| ? PACHASTRELLA SP.          | X         | X | X |
| PLAKINIDAE                  |           |   | X |
| ? PLAKINIDAE                | X         | X |   |
| DEMOSPONGEA-LITHISTIDA      | X         | X | X |
| DISCODERMIA SP.             |           | X |   |
| ACRYPTOLARIA CONFERTA       | X         | X | X |
| ZYGOPHYLAX CONVALLARIA      | X         |   | X |
| STYLASTER SP.               |           | X | X |
| STEPHANOSCYPHUS CORNIFORMIS |           |   | X |
| ANTIPATHIDAE                | X         | X | X |
| ANTIPATHES COLUMNARIS       | X         | X |   |
| ANTIPATHES PEDATA           |           |   | X |
| APHANIPATHES HUMILIS        | X         | X | X |
| APHANIPATHES ABIETINA       | X         | X | X |
| APHANIPATHES FILIX          | X         |   |   |
| SIPHONOGORGIA AGASSIZII     | X         |   | X |
| THESEA CITRINA              |           | X |   |
| THESEA GRANDIFLORA          |           | X |   |
| THESEA HEBES                | X         |   |   |
| SCLERACIS GUADALUPENSIS     | X         | X | X |
| SCLERACIS PETROSA           |           | X |   |
| PLACOGORGIA SP.             | X         |   | X |
| PLACOGORGIA MIRABILIS       | X         |   |   |
| PLACOGORGIA TENUIS          | X         | X |   |
| VILLOGORGIA NIGRESCENS      | X         | X | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 35.

| TAXON                    | REPLICATE |    |   |
|--------------------------|-----------|----|---|
|                          | A         | B  | C |
| ELLISELLA BARBADENSIS    | X         | X  | X |
| NICELLA SP.              | X         | X  | X |
| NICELLA CF. GRANIFERA    |           | X  |   |
| NICELLA GUADALUPENSIS    |           | X  | X |
| PHYLLANGIA AMERICANA     |           |    | X |
| OCULINA DIFFUSA          |           | X  |   |
| MADREPORA CAROLINA       | X         | X  | X |
| PARACYATHUS PULCHELLUS   |           |    | X |
| COENOSMILIA ARBUSCULA    |           | X  |   |
| POLYCHAETA               | X         | X  | X |
| PETALOCOCHUS ERECTUS     | 1         | 1  | 2 |
| TRIVIA MALTBIANA         |           |    | 1 |
| OLIVA EDWARDSI           |           |    | 1 |
| PRUNUM N. SP.            |           |    | 1 |
| BARBATIA CANCELLARIA     | 1         |    |   |
| AEQUIPECTEN PHRYGIUM     | 1         |    | 1 |
| RHODOCHIRUS ROSACEUS     | 1         |    |   |
| HOMOLA BARBATA           | 1         |    |   |
| STENORHYNCHUS SETICORNIS |           |    | 1 |
| NIBILIA ANTILOCAPRA      | 1         |    |   |
| ANOMALOTHIR FURCILLATUS  |           |    | 1 |
| MICROPANOPE SCULPTIPES   |           | 1  | 3 |
| SERTELLA MARSUPIATA      |           | X  | X |
| CELLEPORARIA TUBULOSA    |           | X  |   |
| TICHOSINA FLORIDENSIS    |           | X  | X |
| ARGYROTHECA BARRETTIANA  | X         |    |   |
| PECTINASTER MIXTUS       | 1         | 1  | 4 |
| TOSIA PARVA              | 1         |    |   |
| SCLERASTERIAS CONTORTA   |           | 1  | 1 |
| OPHIOMYXA FLACCIDA       |           | 1  | 1 |
| OPHIOSYZYGUS SP.         |           | 1  |   |
| ASTEROSCHEMA SP. B       | 3         | 3  | 5 |
| OPHIURA SP.              | 1         | 1  |   |
| OPHIOMYSIUM SP. A        |           | 12 | 6 |
| OPHIOPLEX SP. B          | 2         | 7  | 1 |
| OPHIOPLEX SP. A          |           |    | 2 |
| OPHIOPAEPALE GOESIANA    |           | 2  |   |
| OPHIOLIMNA SP.           | 1         |    |   |
| OPHIOTHRIX ANGULATA      | 4         | 3  | 2 |
| STYLOCIDARIS AFFINIS     |           | 5  | 5 |
| COELOPLEURUS FLORIDANUS  |           | 1  |   |
| ECHINOLAMPAS DEPRESSA    |           | 4  | 2 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 35.

| TAXON                  | REPLICATE |   |    |
|------------------------|-----------|---|----|
|                        | A         | B | C  |
| NEOCOMATELLA PULCHELLA | 2         | 1 |    |
| CRINOMETRA BREVIPINNA  | 10        | 6 | 11 |
| DIDEMNUM CANDIDUM      |           |   | X  |
| SYNOIDUS FOETENS       |           | 1 |    |
| ANTIGONIA CAPROS       | 1         |   |    |
| PONTINUS RATHBUNI      | 1         |   | 1  |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 36.

| TAXON                          | REPLICATE |   |   |
|--------------------------------|-----------|---|---|
|                                | A         | B | C |
| SARGASSUM FLUITANS             |           | X |   |
| GONIOLITHON SPECTABILE F. NANA |           | X |   |
| IRCINIA STROBILINA             |           |   | X |
| DYSIDEA SPP.                   |           | X |   |
| ? DYSIDEA SPP.                 |           | X |   |
| MYCALE SP.                     |           | X | X |
| MICROCIONA SPP.                |           |   | X |
| THALYSIAS ? JUNIPERINA         |           | X |   |
| ? BUBARIS SPP.                 |           |   | X |
| SOLLASELLIDAE                  |           | X |   |
| ? STOEBIA SP.                  | X         |   |   |
| ? ANCORINIDAE                  |           |   | X |
| DEMOSPONGEA-LITHISTIDA         |           | X | X |
| DISCODERMIA SP.                |           |   | X |
| ? DISCODERMIA SP.              |           | X |   |
| TEICHAXINELLA MORCHELLA        |           | X |   |
| PHAKELLIA FOLIUM               |           | X |   |
| ? HIGGINSIA SP.                |           | X |   |
| CORYDENDRIUM PARASITICUM       |           |   | X |
| LAFOEA COALESCENS              |           |   | X |
| CRYPTOLARIA PECTINATA          |           | X |   |
| ACRYPTOLARIA CONFERTA          |           | X | X |
| ZYGOPHYLAX CONVALLARIA         |           | X |   |
| NEMERTESIA RAMOSA              |           |   | X |
| AGLAOPHENIA ELONGATA           |           | X |   |
| NIDALIA OCCIDENTALIS           |           | X |   |
| SIPHONOGORGIA AGASSIZII        |           |   | X |
| SCLERACIS PETROSA              |           |   | X |
| PLACOGORGIA SP.                |           | X | X |
| PLACOGORGIA MIRABILIS          |           | X | X |
| PLACOGORGIA TENJIS             |           | X |   |
| PLACOGORGIA RUDIS              |           | X |   |
| CALCIACIS NUTANS               |           | X | X |
| ELLISELLA FUNICULINA           |           | X | X |
| ELLISELLA BARBADENSIS          |           | X |   |
| ANEMONE SPP.                   |           | X |   |
| MADRACIS MYRIASTER             |           | X |   |
| PHYLLANGIA AMERICANA           |           | X |   |
| MADREPORA CAROLINA             |           |   | X |
| CARYOPHYLLIA HOROLOGIIUM       | X         |   |   |
| OXYSMILIA ROTUNDIFOLIA         |           |   | X |
| PARACYATHUS PULCHELLUS         | X         | X | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 36.

| TAXON                          | REPLICATE |   |    |
|--------------------------------|-----------|---|----|
|                                | A         | B | C  |
| COENOSMILIA ARBUSCULA          |           | X | X  |
| FLABELLUM FRAGILE              | X         |   |    |
| JAVANIA CAILLETI               |           | X | X  |
| DENDROPHYLLIA CORNUCOPIA       | X         |   |    |
| POLYCHAETA                     |           |   | X  |
| TURBO CREMULATUS               | 1         |   |    |
| PETALOCOCHUS ERECTUS           |           | 1 |    |
| DISTORSIO CLATHRATA            |           | 1 |    |
| DISTORSIO CONSTRICTA MACGINTYI |           |   | 1  |
| MUREX BELLEGLADENSIS           |           | 1 |    |
| MUREX TRYONI                   |           | 1 |    |
| FASCIOLARIA BULLISI            |           | 1 |    |
| HYALINA AVENA                  |           | 1 | 1  |
| BARBATIA DOMINGENSIS           | 1         |   |    |
| AEQUIPECTEN PHRYGIUM           |           |   | 1  |
| PITAR CORDATUS                 |           | 1 |    |
| CHAMA CONGREGATA               |           | 1 |    |
| SEMIROSSIA EQUALIS             |           |   | 2  |
| MESOPENAEUS TROPICALIS         | 1         | 1 | 1  |
| PROCESSA TENUIPES              |           | 1 | 1  |
| AGARICOCHEIRUS BOLETIFER       |           |   | 2  |
| RHODOCHIRUS ROSACEUS           |           | 1 | 1  |
| MUNIDA PUSILLA                 |           | 5 | 11 |
| DARDANUS SP.                   |           |   | 1  |
| PAGURISTES SPINIPES            |           | 2 |    |
| CANCELLUS VIRIDIS              |           | 1 |    |
| HOMOLA SP.                     |           |   | 1  |
| HOMOLA BARBATA                 |           | 1 | 1  |
| CALAPPA ANGUSTA                | 3         | 2 |    |
| OSACHILA TUBEROSA              |           | 1 | 1  |
| ILIACANTHA SUBGLOBOSA          |           |   | 3  |
| PODOCHELA LAMELLIGERA          |           |   | 3  |
| STENORHYNCHUS SETICORNIS       |           | 1 | 1  |
| NIBILIA ANTILOCAPRA            |           | 2 | 2  |
| PYROMAIA CF. CUSPIDATA         |           |   | 2  |
| PARTHENOPE AGONA               |           |   | 1  |
| CARPOPORUS PAPULOSUS           |           |   | 1  |
| MICROPANOPE SCULPTIPES         |           | 3 | 8  |
| PALICUS AFFINIS                |           |   | 1  |
| PHASCOLION STROMBI             |           |   | X  |
| CELLARIA IRREGULARIS           |           |   | X  |
| PECTINASTER MIXTUS             | 1         |   |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 38.

| TAXON                    | REPLICATE |    |    |
|--------------------------|-----------|----|----|
|                          | A         | B  | C  |
| TOSIA PARVA              |           | 1  |    |
| ROSASTER ALEXANDRI       |           | 1  | 3  |
| OPHIOSZYGIUS SP.         |           |    | 1  |
| ASTEROSCHEMA SP. A       |           | 1  | 3  |
| ASTEROPORPA ANNULATA     |           | 1  | 1  |
| OPHIURA SP.              |           | 1  |    |
| OPHIOMUSIUM SP. A        |           | 4  | 4  |
| OPHIOPLAX SP. B          |           | 1  | 3  |
| OPHIOPLAX SP. A          |           |    | 1  |
| OPHIODERMA BREVISPINUM   |           | 1  |    |
| OPHIODERMA APPRESSUM     |           | 1  |    |
| OPHIOPAEPALE GOESIANA    |           |    | 1  |
| OPHIOTHRIX ANGULATA      |           | 4  |    |
| STYLOCIDARIS AFFINIS     |           |    | 9  |
| ECHINOLAMPAS DEPRESSA    |           | 3  |    |
| COMACTINIA MERIDIONALIS  | 4         | 5  | 5  |
| LEPTONEMASTER VENUSTUS   | 15        | 48 | 55 |
| NEOCOMATELLA PULCHELLA   | 1         | 11 | 14 |
| CLAVELINIDAE             |           |    | X  |
| EUDISTOMA CAPSULATUM     |           |    | X  |
| DIDEMNUM CANDIDUM        | X         |    |    |
| PYROSOMA ATLANTICUM      |           | X  |    |
| OPSANSUS PARDUS          |           |    | 1  |
| ANTENNARIUS RADIOSUS     |           | 1  |    |
| HALIEUTICHTHYS ACULEATUS |           | 1  |    |
| RYPTICUS BISTRISPINUS    |           |    | 1  |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 38.

| TAXON                       | REPLICATE |   |   |
|-----------------------------|-----------|---|---|
|                             | A         | B | C |
| SARGASSUM FLUITANS          |           | X | X |
| HEXACTINELLIDA-DICTYONINA   | X         | X | X |
| ? FARREA SP.                |           | X | X |
| DYSIDEA SPP.                | X         |   |   |
| ? HALICLONA SPP.            |           |   | X |
| ? ADOCIA SPP.               |           | X |   |
| ? NEPHELIOSPONGIIDAE        |           | X |   |
| MYCALE SP.                  | X         | X |   |
| ? THALYSIAS SP.             |           | X |   |
| ? BIEMNA SPP.               |           | X |   |
| HALICHONDRIA SPP.           | X         |   |   |
| ? HALICHONDRIIDAE           | X         |   |   |
| SOLLASELLIDAE               |           | X |   |
| ? EPIPOLASIS SPP.           | X         |   |   |
| COPPATIIDAE                 |           |   | X |
| ? JASPIS SPP.               |           | X |   |
| ANCORINIDAE                 |           |   | X |
| ? STOEBIA SP.               | X         | X | X |
| ? ANCORINIDAE               | X         | X |   |
| PACHASTRELLA ? MONILIFERA   | X         |   | X |
| ? PACHASTRELLA SP.          | X         |   |   |
| ? PLAKINASTRELLA SP.        |           | X | X |
| ? PLAKINIDAE                |           |   | X |
| DEMOSPONGEA-LITHISTIDA      | X         | X | X |
| DISCODERMIA SP.             | X         | X | X |
| ? DISCODERMIA SP.           | X         |   |   |
| AXINELLIDAE                 |           |   | X |
| ZYGOPHYLAX CONVALLARIA      | X         | X | X |
| STYLASTER SP.               | X         | X | X |
| STEPHANOSCYPHUS CORNIFORMIS | X         |   |   |
| ANTIPATHIDAE                | X         | X |   |
| ANTIPATHES COLUMNARIS       |           |   | X |
| ANTIPATHES PEDATA           | X         | X |   |
| ANTIPATHES CF. FURCATA      |           | X | X |
| APHANIPATHES HUMILIS        |           |   | X |
| SIPHONOGORGIA AGASSIZII     | X         | X | X |
| BEERYCE GRANDIS             | X         |   | X |
| THESEA SP.                  | X         |   |   |
| THESEA CITRINA              |           | X | X |
| THESEA HEBES                |           |   | X |
| SCLERACIS GUADALUPENSIS     | X         | X | X |
| SCLERACIS PETROSA           |           | X | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 38.

| TAXON                          | REPLICATE |   |   |
|--------------------------------|-----------|---|---|
|                                | A         | B | C |
| PLACOGORGIA MIRABILIS          | X         | X | X |
| VILLOGORGIA NIGRESCENS         | X         | X |   |
| CALIACIS NUTANS                |           |   | X |
| ELLISELLA BARBADENSIS          |           | X | X |
| NICELLA CF. GRANIFERA          |           | X |   |
| NICELLA GUADALUPENSIS          | X         | X | X |
| MADRACIS MYRIASTER             | X         |   | X |
| MADREPORA CAROLINA             | X         | X | X |
| PARACYATHUS PULCHELLUS         |           | X |   |
| COENOSMILIA ARBUSCULA          |           | X |   |
| JAVANIA CAILLETI               | X         | X |   |
| POLYCHAETA                     | X         | X | X |
| DIODORA JAUMEI                 |           |   | 1 |
| EMARGINULA TUBERCULOSA         |           |   | 1 |
| SERPULORBIS DECUSSATUS         |           |   | 1 |
| PETALOCONCHUS ERECTUS          |           | 1 | 1 |
| CREPIDULA ACULEATA             |           | 1 |   |
| DISTORSIO CONSTRICTA MACGINTYI |           | 1 |   |
| SILIQUARIA SQUAMATA            | 1         |   |   |
| SILIQUARIA MODESTA             | 2         |   | 1 |
| PRUNUM N. SP.                  | 1         |   |   |
| BARBATIA CANCELLARIA           | 1         |   | 1 |
| AEQUIPECTEN PHRYGIUM           | 1         | 1 | 1 |
| SOLENOPAGURUS LINEATUS         |           |   | 1 |
| RHODOCHIRUS ROSACEUS           | 1         |   |   |
| MUNIDA PUSILLA                 |           | 2 | 2 |
| MUNIDA CF. NUDA                |           |   |   |
| GALATHEA ROSTRATA              | 1         |   |   |
| CANCELLUS VIRIDIS              | 1         |   |   |
| OSACHILA ANTILLENIS            | 1         |   |   |
| OSACHILA TUBEROSA              |           | 1 |   |
| NIBILIA ANTILOCAPRA            | 6         | 1 |   |
| PARTHENOPE POURTALESI          | 1         |   |   |
| PARTHENOPE FRATERCULUS         |           | 1 |   |
| MICROPANOPE SCULPTIPES         | 9         | 5 | 6 |
| NANOPLAX XANTHIFORMIS          |           |   | 1 |
| PALICUS FAXONI                 |           | 1 |   |
| SERTELLA MARSUPIATA            |           | X |   |
| CELLEPORARIA TUBULOSA          | X         |   |   |
| ARGYROTHECA BARRETTIANA        | X         |   |   |
| TOSIA PARVA                    |           |   | 1 |
| OPHIDIASTERIDAE                | 1         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- SUMMER CRUISE, STATION 38.

| TAXON                     | REPLICATE |    |    |
|---------------------------|-----------|----|----|
|                           | A         | B  | C  |
| OPHIOMYXA FLACCIDA        |           |    | 1  |
| ASTEROSHEMA SP. B         |           | 1  |    |
| ASTEROPORPA ANNULATA      |           |    | 1  |
| OPHIOMYSIUM SP. A         | 1         | 3  | 2  |
| OPHIOLEPIS SP. B          | 1         |    | 1  |
| OPHIOPLAX SP. B           | 1         |    | 2  |
| OPHIOPLAX SP. A           | 1         |    | 7  |
| OPHIODERMA APPRESSUM      | 2         |    |    |
| OPHIOTHRIX ANGLATA        |           |    | 1  |
| STYLOCIDARIS AFFINIS      | 2         | 2  | 1  |
| ECHINOLAMPAS DEPRESSA     |           | 2  |    |
| COMACTINIA MERIDIONALIS   | 9         | 3  | 2  |
| LEPTONEMASTER VENUSTUS    | 8         | 10 | 8  |
| NEOCOMATELLA PULCHELLA    | 14        | 11 | 13 |
| STYLOMETRA SPINIFERA      |           | 1  |    |
| CRINOMETRA BREVIPINNA     | 2         | 1  | 2  |
| DIDEMNUM CANDIDUM         |           | X  |    |
| PONTINUS RATHBUNI         | 1         | 1  |    |
| PLECTRANTHIAS GARRUPELLUS |           |    | 1  |
| CALLIONYMUS SP.           |           |    | 1  |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 01.

| TAXON                            | REPLICATE |   |   |
|----------------------------------|-----------|---|---|
|                                  | A         | B | C |
| CODIUM REPENS                    |           | X |   |
| CAULERPA CUPRESSOIDES V. TURNERI |           |   | X |
| HALIMEDA GRACILIS                |           | X |   |
| HALIMEDA SCABRA                  | X         | X | X |
| RHIPOCEPHALUS PHOENIX            |           |   | X |
| UDOTEA CONGLUTINATA              | X         |   |   |
| UDOTEA CYATHIFORMIS              | X         | X |   |
| UDOTEA FLABELLUM                 | X         |   | X |
| CYSTODICTYON PAVONIUM            |           |   | X |
| ANADYOMENE MENZIESII             | X         |   |   |
| SARGASSUM HYSTRIX                | X         | X |   |
| GRACILARIA MAMILLARIS            |           | X | X |
| GRACILARIA DEBILIS               | X         | X | X |
| LITHOTHAMNIUM RUPTILE            |           | X |   |
| LITHOTHAMNIUM SYNTROPHICUM       | X         |   |   |
| GONIOLITHON STRICTUM             | X         | X | X |
| LAURENCIA INTRICATA              | X         | X |   |
| CHONDRIA CNICOPHYLLA             | X         |   |   |
| ? DYSIDEA SPP.                   | X         |   | X |
| ? ADOCIIDAE                      |           |   | X |
| OXEOSTILON BURTONI               | X         | X |   |
| TIMEA ? MIXTA                    | X         |   | X |
| PLACOSPONGIA MELOBESIOIDES       |           | X |   |
| CINACHYRA ALLOCLADA              | X         | X | X |
| AXINELLIDAE                      | X         | X |   |
| AXINELLA POLYCAPPELLA            | X         | X |   |
| HOMAXINELLA WALTONSMITHI         | X         | X | X |
| PSEUDAXINELLA LUNAECARTA         | X         |   |   |
| TEICHAXINELLA SP.                |           |   | X |
| ? PTILOCAULIS SP.                | X         |   |   |
| HEMECTYON ? PEARSEI              |           | X | X |
| THALYSEURYPON SPP.               |           | X | X |
| DYNAMENA POURTALESI              |           | X |   |
| THYROSCYPHUS MARGINATUS          |           | X |   |
| SYNTHECIUM TUBITHECUM            |           |   | X |
| STEPHANOCOENIA MICHELINII        | X         | X |   |
| SIDERASTREA RADIANIS             | X         | X | X |
| CLADOCORA ARBUSCULA              | X         |   | X |
| SOLENASTREA HYADES               | X         | X | X |
| PHYLLANGIA AMERICANA             | X         | X | X |
| POLYCHAETA                       | X         | X |   |
| DIODORA DYSONI                   | 1         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 01.

| TAXON                         | REPLICATE |   |    |
|-------------------------------|-----------|---|----|
|                               | A         | B | C  |
| TURBO CASTAENA                | 1         |   | 1  |
| VERMICULARIA KNORII           |           |   | 2  |
| TURRITELLA ACROPORA           |           | 1 | 1  |
| MODULUS MODULUS               | 1         |   |    |
| CERITHIUM ATRATUM             |           | 2 |    |
| CIRSOTREMA DALLI              |           | 1 |    |
| TRIVIA PEDICULUS              |           | 2 |    |
| POLINICES LACTEUS             |           |   | 2  |
| PHALIIUM GRANULATUM           |           |   | 1  |
| FAVARTIA CELLULOSA            | 1         |   |    |
| COLUBRARIA LANCEOLATA         | 1         |   |    |
| CANTHARUS MULTANGULUS         | 1         | 3 |    |
| NASSARIUS FLORIDENSIS         |           |   | 1  |
| FASCIOLARIA LILIUM TORTUGANA  |           | 1 |    |
| OLIVA EDWARDSI                |           |   | 4  |
| CRASSISPIRA TAMPAENSIS        |           |   | 1  |
| CONUS DELESERTII              | 1         | 1 |    |
| CONUS FLORIDANUS              |           | 1 | 3  |
| TEREBRA SP.                   |           |   | 1  |
| BULLA UMBILICATA              | 2         |   |    |
| ANADARA FLORIDANA             |           |   | 1  |
| ARCA ZEBRA                    | 1         |   |    |
| MODIOLUS AMERICANUS           | 1         | 2 |    |
| LITHOPHAGA BISULCATA          |           | 1 | 1  |
| PTERIA COLYMBUS               |           | 1 |    |
| PECTEN RAVENELI               | 3         | 3 | 1  |
| PECTEN ZICZAC                 |           |   | 1  |
| AEQUIPECTEN MUSCOSUS          | 2         | 1 | 2  |
| ARGOPECTEN GIBBUS             |           | 1 |    |
| LAEVICARDIUM PICTUM           | 6         | 3 | 12 |
| AMERICARDIA MEDIA             | 1         | 3 | 2  |
| TELLINA LISTERI               | 1         |   | 1  |
| MACROCALLISTA MACULATA        |           | 6 |    |
| CHIONE LATILIRATA             | 1         | 1 | 1  |
| ARCINELLA CORNUJA             |           |   | 1  |
| GRAPTACME SEMISTRIOIATUM      | 1         | 1 | 3  |
| OCTOPUS JOUBINI               | 2         | 1 | 1  |
| METAPENAEOPSIS GOODEI         | 4         | 1 |    |
| SICYONIA TYPICA               | 1         | 2 |    |
| ? NEOPONTONIDES BEAUFORTENSIS | 1         |   |    |
| ALPHEUS SP.                   | 1         |   |    |
| SYNALPHEUS TOWNSENDI          | 1         |   |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 01.

| TAXON                            | REPLICATE |   |    |
|----------------------------------|-----------|---|----|
|                                  | A         | B | C  |
| PROCESSA BERMUDENSIS             | 1         |   |    |
| SCYLLARUS AMERICANUS             | 4         | 2 | 2  |
| MANUICOMPLANUS CORALLINUS        | 1         |   |    |
| PHIMOCHIRUS HOLTHUISI            | 1         | 2 |    |
| PAGURISTES SERICEUS              | 2         |   |    |
| PETROCHIRUS DIOGENES             | 1         |   |    |
| DROMIDIA ANTILLENISIS            | 3         |   | 1  |
| HYPOCONCHA SABULOSA              |           |   | 5  |
| ETHUSA MASCARONE AMERICANA       |           | 1 | 2  |
| CALAPPA FLAMMEA                  |           |   | 1  |
| CALAPPA CF. OCELLATA             | 1         | 2 |    |
| ILIACANTHA INTERMEDIA            | 2         |   |    |
| COLLODES TRISPINOSUS             | 2         |   | 1  |
| MACROCOELOMA CAMPTOCERUM         | 2         | 2 | 3  |
| MACROCOELOMA CF. TRISPINOSUM     | 1         | 1 |    |
| MACROCOELOMA TRISPINOSUM NOOPIES |           | 1 |    |
| MITHRAX (MITHRAX) PLEURACANTHUS  |           | 3 |    |
| MITHRAX (MITHRACULUS) FORCEPS    |           | 6 |    |
| PITHO LHERMINIERI                |           | 1 | 1  |
| PODOCHELA RIISEI                 | 8         | 1 | 2  |
| STENORHYNCHUS SETICORNIS         | 1         | 2 | 1  |
| TYCHE EMARGINATA                 | 1         |   |    |
| PARTHENOPE GRANULATA             |           |   | 1  |
| PARTHENOPE SERRATA               | 1         |   |    |
| PORTUNUS ORDWAYI                 | 1         |   | 2  |
| PILUMNUS SAYI                    |           |   | 1  |
| EURYPLAX NITIDA                  | 1         |   | 1  |
| GONODACTYLUS BREDINI             | 1         | 6 |    |
| SIPUNCULA                        | 1         |   |    |
| BUGULA CF. FULVA                 | X         |   |    |
| SCRUPOCELLARIA CF. HARMERI       |           | X |    |
| STYLOPOMA SPONGITES              |           | X | X  |
| HIPPOPORIDRA EDAX                | X         |   |    |
| CELLEPORARIA MAGNIFICA           | X         | X | X  |
| CRISIA ELONGATA                  | X         |   |    |
| LUIDIA ALTERNATA                 | 2         |   |    |
| ASTROPECTEN DUPLICATUS           | 4         | 2 | 8  |
| ASTROPECTEN ARTICULATUS          |           |   | 3  |
| ECHINASTER SPINULOSUS            | 3         | 7 | 1  |
| OPHIOLEPIS ELEGANS               | 20        | 5 | 10 |
| OPHIODERMA BREVISPINUM           |           |   | 1  |
| AMPHIURA FIBULATA                | 1         |   |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 01.

| TAXON                           | REPLICATE |   |   |
|---------------------------------|-----------|---|---|
|                                 | A         | B | C |
| OPHIOTHRIX ANGULATA             | 1         | 1 |   |
| ARBACIA PUNCTULATA              | 3         | 1 |   |
| LYTECHINUS VARIEGATUS           | 2         |   |   |
| LYTECHINUS VARIEGATUS CAROLINUS |           | 1 | 1 |
| CLYPEASTER SUBDEPRESSUS         |           | 1 |   |
| THYONELLA PERVICAX              |           |   | 2 |
| HOLOTHURIA PRINCEPS             |           | 1 |   |
| RHABDOPLEURA COMPACTA           | X         | X | X |
| APLIDIUM SP.                    | X         |   |   |
| APLIDIUM PELLUCIDUM             | X         | X |   |
| APLIDIUM BERMUDA                |           |   | X |
| APLIDIUM CONSTELLATUM           |           | X |   |
| DIDEMNUM CANDIDUM               | X         |   |   |
| TRIDIDEMNUM SAVIGNII            | X         |   |   |
| ECHINOCLINUM VERRILLI           |           |   | X |
| CNEMIDOCARPA SP.                | X         |   |   |
| POLYCARPA CIRCUMARATA           |           |   | X |
| POLYANDROCARPA TINCTA           | X         |   |   |
| TRACHINOCEPHALUS MYOPS          |           |   | 1 |
| HIPPOCAMPUS ERECTUS             | 1         |   |   |
| PRIONOTUS CAROLINUS             | 1         |   |   |
| CENTROPRISTIS OCYURUS           | 1         |   |   |
| CALLIONYMUS PAUCIRADIATUS       |           |   | 1 |
| GOBIOSOMA MACRODON              | 1         |   |   |
| SYACIUM PAPILLOSUM              | 3         |   |   |
| MONACANTHUS CILIATUS            | 1         |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 03.

| TAXON                               | REPLICATE |   |   |
|-------------------------------------|-----------|---|---|
|                                     | A         | B | C |
| CAULERPA ASHMEADII                  |           | X |   |
| CAULERPA TAXIFOLIA                  | X         |   |   |
| CYSTODICTYON PAVONIUM               | X         | X | X |
| GRACILARIA MAMMILLARIS              | X         |   |   |
| CORALLINACEAE                       | X         |   |   |
| LITHOTHAMNIUM RUPTILE               | X         |   |   |
| LITHOTHAMNIUM SYNTROPHICUM          |           |   | X |
| RHODYMENIA OCCIDENTALIS             |           | X |   |
| ? CLATHRINA SP.                     |           |   | X |
| IRCINIA CAMPANA                     | X         |   |   |
| IRCINIA STROBILINA                  | X         |   |   |
| ? DYSIDEA SPP.                      |           |   | X |
| APLYSINA SP.                        |           |   | X |
| APLYSINA FISTULARIS V. FULVA        | X         | X |   |
| AIOLOCHROIA CRASSA                  | X         |   |   |
| DEMOSPONGEA-KERATOSA-DENDROCRATIDA  | X         |   |   |
| CHELONAPLYSILLA SP.                 | X         | X |   |
| NIPHATES ERECTA                     | X         | X |   |
| SPINOSILLA PLICIFERA                | X         |   |   |
| SIPHONODICTYON SIPHONUM             | X         | X | X |
| MICROCIONIDAE                       |           | X |   |
| THALYSIAS ? JUNIPERINA              | X         |   |   |
| ? BIEMNA SPP.                       |           |   | X |
| DEMOSPONGEA-HALICHONDRIIDA          | X         |   |   |
| SPHECIOSPONGIA VESPARIUM            | X         |   |   |
| ANTHOSIGMELLA VARIANS               |           | X |   |
| ANTHOSIGMELLA VARIANS V. INCRUSTANS |           |   | X |
| ANTHOSIGMELLA ? VARIANS             |           | X |   |
| PLACOSPONGIA MELOBESIOIDES          | X         | X | X |
| TETHYA ACTINIA                      |           | X |   |
| ? TETHYA SP.                        | X         |   |   |
| EPIPOLASIS SPP.                     | X         |   |   |
| ? JASPIS SPP.                       |           | X |   |
| MYRIASTRA SPP.                      |           | X |   |
| GEODIA NEPTUNI                      | X         | X |   |
| ERYLUS TRISPHAERA                   |           | X |   |
| CINACHYRA SPP.                      | X         |   |   |
| CINACHYRA ALLOCLADA                 | X         | X | X |
| CHONDROSIA SPP.                     | X         | X |   |
| HOMAXINELLA WALTONSMITHI            |           | X |   |
| TEICHAXINELLA SP.                   | X         | X |   |
| ? TEICHAXINELLA SP.                 |           | X |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 03.

| TAXON                            | REPLICATE |    |   |
|----------------------------------|-----------|----|---|
|                                  | A         | B  | C |
| EUDENDRIUM SP.                   | X         |    |   |
| THYROSCYPHUS MARGINATUS          | X         | X  | X |
| LEPTOGORGIA EURYALE              | X         | X  |   |
| ELLISELLA ELONGATA               | X         |    |   |
| ELLISELLA BARBADENSIS            |           |    | X |
| SCOLYMIA LACERA                  |           |    | X |
| POLYCHAETA                       | X         | X  |   |
| DIODORA MINUTA                   |           |    | 1 |
| CALLIOSTOMA TAMPAENSE            |           | 5  | 2 |
| VERMICULARIA KNORII              |           | 2  | 1 |
| TURRITELLA ACROPORA              | 15        | 15 | 1 |
| TURRITELLA EXOLETA               | 20        | 15 | 3 |
| CIRSOTREMA DALLI                 | 1         |    |   |
| CRUCIBULUM PLANUM                |           | 1  |   |
| TRIVIA MALTBIANA                 | 2         | 1  |   |
| TRIVIA PEDICULUS                 | 1         | 1  |   |
| CYPRAEA SPURCA ACICULARIS        |           |    | 1 |
| NATICARIUS CANRENA               | 2         | 1  |   |
| STIGMAULAX SULCATUS              |           |    | 1 |
| CASSIS MADAGASCARIENSIS SPINELLA |           | 2  |   |
| CYMATIUM KREBSII                 | 1         | 3  |   |
| CHICOREUS FLORIFER               | 2         |    | 1 |
| MUREX CABRITII                   | 3         |    | 1 |
| MUREX BELLEGLADENSIS             | 1         | 4  | 2 |
| MUREX RUBIDUS                    |           | 1  | 1 |
| FAVARTIA CELLULOSA               | 2         |    |   |
| MUREXIELLA MACGINTYI             | 1         |    |   |
| MUREXIELLA LEVICULA              |           |    | 1 |
| COLUBRARIA LANCEOLATA            |           | 1  |   |
| NASSARIUS CONSENSUS              | 2         | 1  |   |
| NASSARIUS FLORIDENSIS            |           | 2  |   |
| LATIRUS CARINIFERUS              |           |    | 1 |
| FASCIOLARIA SP.                  | 2         |    |   |
| FASCIOLARIA LILIUM TORTUGANA     | 1         |    |   |
| FUSINUS EUCOSMIUS                | 1         |    |   |
| FUSINUS HELENAE                  | 2         | 1  |   |
| OLIVA EDWARDSI                   |           | 5  | 2 |
| SCAPHELLA JUNONIA                |           | 1  | 1 |
| CRASSISPIRA BARTSCHI             | 2         |    |   |
| CRYOTURRIS SP.                   | 1         |    |   |
| ARCOPSIS ADAMSI                  | 2         |    |   |
| CHLAMYS BENEDICTI                | 1         |    |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 03.

| TAXON                         | REPLICATE |    |   |
|-------------------------------|-----------|----|---|
|                               | A         | B  | C |
| PECTEN RAVENELI               |           | 1  |   |
| EUCRASSATELLA SPECIOSA        |           |    | 3 |
| NEMOCARDIUM TINCTUM           | 1         | 1  |   |
| LAEVICARDIUM PICTUM           | 2         |    |   |
| AMERICARDIA MEDIA             |           | 1  |   |
| PITAR FULMINATUS              | 1         |    |   |
| CHIONE LATILIRATA             |           | 1  |   |
| CORBULA DIETZIANA             | 5         | 13 | 1 |
| CHAMA MACEROPHYLLA            |           | 1  |   |
| METAPENAEOPSIS GOODEI         | 4         | 7  | 3 |
| SOLENOCERA ATLANTIDIS         |           | 1  |   |
| ALPHEUS NORMANNI              | 1         |    |   |
| ALPHEUS FLORIDANUS            |           | 1  |   |
| SYNALPHEUS TOWNSENDI          | 4         | 1  |   |
| TRACHYCARIS RESTRICTUS        | 1         |    |   |
| SCYLLARUS CHACEI              | 2         |    |   |
| IRIDOPAGURUS CARIBBENSIS      | 2         |    |   |
| PHIMOCHIRUS HOLTHUISI         | 5         | 2  |   |
| MUNIDA ANGULATA               |           |    | 1 |
| GALATHEA ROSTRATA             | 3         | 1  |   |
| DARDANUS INSIGNIS             | 1         |    |   |
| PAGURISTES SERICEUS           | 4         | 10 | 4 |
| PETROCHIRUS DIOGENES          |           |    | 1 |
| DROMIDIA ANTILLENISIS         | 1         |    | 2 |
| HYPOCONCHA SPINOSISSIMA       |           | 1  |   |
| ETHUSA MASCARONE AMERICANA    | 1         |    |   |
| CALAPPA FLAMMEA               |           |    | 1 |
| CALAPPA ANGUSTA               |           | 3  | 1 |
| CALAPPA CF. OCELLATA          |           | 2  |   |
| CYCLOES BAIRDI                |           |    | 1 |
| CALLIDACTYLUS ASPER           | 2         |    | 2 |
| ILIACANTHA SPARSA             | 1         |    |   |
| RANILIA MURICATA              |           |    | 2 |
| RANINOIDES LOEVI              |           | 4  |   |
| SYMETHIS VARIOLOSA            |           | 2  |   |
| COLLODES TRISPINOSUS          | 1         | 3  | 1 |
| MACROCOELOMA SEPTESPINOSUM    | 1         | 1  |   |
| MITHRAX (MITHRAX) ACUTICORNIS |           | 1  |   |
| STENOCIONOPS FURCATA COELATA  |           | 4  | 2 |
| STENORHYNCHUS SETICORNIS      | 3         |    |   |
| PARTHENOPE AGONA              |           | 1  | 1 |
| PARTHENOPE FRATERCULUS        | 4         |    | 3 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 03.

| TAXON                             | REPLICATE |    |   |
|-----------------------------------|-----------|----|---|
|                                   | A         | B  | C |
| PARTHENOPE GRANULATA              | 1         |    |   |
| SOLENOAMBRUS TENELLUS             | 2         | 1  | 2 |
| PORTUNUS SPINICARPUS              | 1         | 10 | 4 |
| PORTUNUS ORDWAYI                  |           | 1  |   |
| CARPOPORUS PAPULOSUS              |           | 1  | 2 |
| MICROPANOPE LAEVIMANUS            | 2         | 1  | 1 |
| PILUMNUS FLORIDANUS               |           | 3  |   |
| PSEUDOMEDEAEUS AGASSIZI           |           | 1  |   |
| SIPUNCULA                         | 1         | 2  |   |
| STEGANOPORELLA MAGNILABRIS        | X         | X  | X |
| NELLIA OCLATA                     |           |    | X |
| BUGULA NERITINA                   |           | X  |   |
| CIGCLISULA CF. TURRITA            | X         | X  |   |
| STYLOPOMA SPONGITES               | X         | X  | X |
| BRACEBRIDGIA SUBSULCATA           | X         | X  | X |
| CELLEPORARIA ALBIROSTRIS          | X         | X  |   |
| CELLEPORARIA MAGNIFICA            | X         |    | X |
| CRISIA ELONGATA                   | X         |    |   |
| LUIDIA ALTERNATA                  | 1         |    |   |
| CERAMASTER GRENADENSIS            |           |    | 1 |
| GONIASTER TESSELLATUS             | 2         |    |   |
| NARCISSIA TRIGONARIA              |           | 1  |   |
| ECHINASTER SPINULOSUS             | 1         |    |   |
| OPHIOLEPIS ELEGANS                |           |    | 1 |
| OPHIODERMA APPRESSUM              |           | 2  |   |
| OPHIOTHRIX ANGULATA               | 17        | 3  | 4 |
| EUCIDARIS TRIBULOIDES TRIBULOIDES |           |    | 1 |
| ARBACIA PUNCTULATA                | 8         | 2  | 1 |
| GENOCIDARIS MACULATA              | 7         | 5  | 1 |
| ECHINOLAMPAS DEPRESSA             | 3         |    |   |
| CLAVELINA GIGANTEA                | X         |    |   |
| CLAVELINA SP. 1                   |           | X  |   |
| EUDISTOMA SP.                     | X         |    |   |
| APLIDIUM BERMUDAEE                |           |    | X |
| DIDEMNUM CANDIDUM                 |           | X  | X |
| ECHINOCLINUM VERRILLI             |           |    | X |
| GOBIESOX SP.                      |           | 1  |   |
| SCORPAENA SP.                     | 2         | 1  |   |
| SCORPAENA BRACHYPTERA             |           |    | 3 |
| PRIONOTUS SP.                     | 1         |    |   |
| PARABLENNIUS MARMOREUS            |           | 1  |   |
| RISOR RUBER                       | 1         |    |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 07.

| TAXON                               | REPLICATE |   |   |
|-------------------------------------|-----------|---|---|
|                                     | A         | B | C |
| HALIMEDA GRACILIS                   |           | X |   |
| HALIMEDA DISCOIDEA                  |           |   | X |
| UOOTEA FLABELLUM                    | X         |   |   |
| SARGASSUM HYSTRIX                   |           | X |   |
| GRACILARIA MAMMILLARIS              | X         |   |   |
| GRACILARIA USNEOIDES                | X         |   |   |
| LITHOPHYLLUM PUSTULATUM             | X         | X |   |
| LITHOPHYLLUM BERMUDENSE             |           | X |   |
| LITHOPHYLLUM MUNITUM                |           |   | X |
| LITHOTHAMNIUM CALCAREUM             |           | X |   |
| ? DYSIDEA SPP.                      | X         | X | X |
| CHELONAPLYSILLA SP.                 |           |   | X |
| MICROCIONIDAE                       | X         | X | X |
| ? DESMACELLA SP.                    | X         | X |   |
| BUBARIS SPP.                        |           | X |   |
| OXEOSTILON BURTONI                  | X         |   |   |
| SPIRASTRELLA COCCINEA               | X         |   |   |
| TIMEA SP.                           |           | X |   |
| TIMEA ? MIXTA                       | X         | X | X |
| ANTHOSIGMELLA VARIANS V. INCRUSTANS |           |   | X |
| PLACOSPONGIA MELOBESIOIDES          | X         | X | X |
| CLIONA DELITRIX                     |           | X | X |
| CLIONA ? DELITRIX                   |           |   | X |
| ? JASPIS SPP.                       |           |   | X |
| CINACHYRA SPP.                      |           | X |   |
| CINACHYRA ALLOCLADA                 | X         | X | X |
| CHONDROSIA SPP.                     | X         |   |   |
| AXINELLIDAE                         |           | X |   |
| AXINELLA BOOKHOUTI                  | X         |   | X |
| AXINELLA POLYCAPELLA                | X         | X | X |
| AXINELLA SPP.                       | X         | X | X |
| HOMAXINELLA WALTONSMITHI            | X         | X | X |
| PSEUDAXINELLA SP.                   |           |   | X |
| PSEUDAXINELLA LUNAECARTA            | X         | X | X |
| TEICHAXINELLA SP.                   | X         |   | X |
| PHAKELLIA SP.                       | X         |   |   |
| ? PTILOCAULIS SP.                   | X         |   |   |
| ? HOMAXINELLA SP.                   |           |   | X |
| ? HIGGINSIA SP.                     | X         |   |   |
| HEMECTYON ? PEARSEI                 | X         | X |   |
| THALYSEURYPON SPP.                  | X         | X |   |
| DYNAMENA POURTALESI                 |           | X |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 07.

| TAXON                        | REPLICATE |   |    |
|------------------------------|-----------|---|----|
|                              | A         | B | C  |
| DIODOGORGIA NODULIFERA       | X         |   | X  |
| SCLERACIS GUADALUPENSIS      |           | X |    |
| STEPHANOCOENIA MICHELINII    | X         | X | X  |
| SIDERASTREA RADIANIS         | X         |   | X  |
| PORITES PORITES DIVARICATA   |           |   | X  |
| MANICINA AREOLATA            | X         |   | X  |
| CLADOCORA ARBUSCULA          | X         | X | X  |
| SOLENASTREA HYADES           | X         |   | X  |
| OCULINA DIFFUSA              |           |   | X  |
| SCOLYMIA LACERA              | X         | X | X  |
| ISOPHYLLIA SINUOSA           |           |   | X  |
| POLYCHAETA                   | X         | X | X  |
| DIODORA CAYENENSIS           |           |   | 2  |
| DIODORA DYSONI               | 2         |   | 1  |
| TURBO CREMULATUS             |           | 2 | 12 |
| VERMICULARIA KNORII          | 1         | 2 | 3  |
| TURRITELLA ACROPORA          |           |   | 1  |
| CERITHIUM EBURNEUM           | 1         |   |    |
| CREPIDULA FORNICATA          |           | 1 |    |
| CREPIDULA ACULEATA           |           | 1 |    |
| XENOPHORA CONCHYLIOPHORA     |           |   | 1  |
| NATICARIUS CANRENA           |           |   | 1  |
| FICUS CAROLAE                |           |   | 1  |
| CHICOREUS FLORIFER           | 1         | 2 | 1  |
| MUREX BELLEGLADENSIS         |           | 2 |    |
| CANTHARUS MULTANGULUS        |           | 1 |    |
| BUSYCON CONTRARIUM           |           | 2 |    |
| FASCIOLARIA LILIUM TORTUGANA | 1         |   |    |
| FUSINUS HELENAE              | 1         |   |    |
| PLEUROPLOCA GIGANTEA         | 1         |   |    |
| OLIVA EDWARDSI               |           | 1 |    |
| ISCHNOCHITON RUGULATUS       |           |   | 2  |
| LITHOPHAGA ARISTATA          |           |   | 1  |
| PTERIA COLYMBUS              | 1         |   |    |
| PECTEN RAVENELI              | 1         |   | 1  |
| AEQUIPECTEN MUSCOSUS         | 13        | 4 | 3  |
| ARGOPECTEN GIBBUS            |           | 2 |    |
| EUCRASSATELLA SPECIOSA       | 1         |   |    |
| LAEVICARDIUM PICTUM          |           |   | 5  |
| TELLINA LISTERI              |           |   | 1  |
| MACROCALLISTA MACULATA       | 5         | 8 |    |
| CHIONE LATILIRATA            | 2         | 1 |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 07.

| TAXON                            | REPLICATE |    |    |
|----------------------------------|-----------|----|----|
|                                  | A         | B  | C  |
| PERIGLYPTA LISTERI               | 1         | 1  |    |
| GASTROCHAENA HIANS               |           | 2  | 1  |
| HIATELLA ARCTICA                 |           |    | 3  |
| CHAMA CONGREGATA                 | 1         | 4  | 2  |
| CHAMA MACEROPHYLLA               |           |    | 4  |
| SOLENOCERA ATLANTIDIS            |           | 1  |    |
| LEPTOCHELA CARINATA              |           |    | 1  |
| ALPHEUS FLORIDANUS               |           | 2  |    |
| SYNALPHEUS PANDIONIS             |           |    | 2  |
| SYNALPHEUS TOWNSENDI             |           | 1  | 1  |
| MANUCOMPLANUS CORALLINUS         |           | 3  | 1  |
| PHINOCHIRUS HOLTHUISI            |           | 1  |    |
| PAGURISTES PUNTICEPS             |           |    | 1  |
| PAGURISTES SERICEUS              |           | 3  |    |
| PETROCHIRUS DIOGENES             |           | 1  |    |
| DROMIDIA ANTILLENIS              |           | 2  | 3  |
| CALAPPA FLAMMEA                  |           | 3  |    |
| RANINOIDES LOEVI                 |           | 2  | 2  |
| SYMETHIS VARIOLOSA               |           |    | 2  |
| MACROCOELOMA CF. TRISPINOSUM     |           | 2  |    |
| MACROCOELOMA TRISPINOSUM NODIPES |           |    | 1  |
| MITHRAX (MITHRAX) PLEURACANTHUS  |           |    | 1  |
| PORTUNUS SPINICARPUS             |           |    | 1  |
| PORTUNUS ORDWAYI                 |           | 1  |    |
| PSEUDOMEDAUS AGASSIZI            |           | 1  |    |
| GONODACTYLUS BREDINI             |           | 4  | 1  |
| AMATHIA CONVOLUTA                |           | X  |    |
| STEGANOPORELLA MAGNILABRIS       | X         | X  |    |
| SCRUPOCELLARIA CF. HARMERI       | X         |    | X  |
| CIGCLISULA CF. TURRITA           |           |    | X  |
| STYLOPOMA SPONGITES              |           | X  |    |
| HIPPOPORIDRA EDAX                |           | X  |    |
| CELLEPORARIA ALBIROSTRIS         | X         | X  |    |
| CELLEPORARIA MAGNIFICA           | X         |    |    |
| LUIDIA ALTERNATA                 | 1         |    | 1  |
| ASTROPECTEN DUPLICATUS           | 1         | 4  | 1  |
| OPHIOLEPIS ELEGANS               | 3         | 2  | 5  |
| OPHIOTHRIX ANGULATA              | 2         | 13 | 2  |
| OPHIOTHRIX SUENSONII             |           | 1  |    |
| ARBACIA PUNCTULATA               |           | 5  | 10 |
| LYTECHINUS VARIEGATUS CAROLINUS  |           | 6  | 2  |
| CLYPEASTER SUBDEPRESSUS          | 2         | 1  |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
 LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 07.

| TAXON                 | REPLICATE |   |   |
|-----------------------|-----------|---|---|
|                       | A         | B | C |
| ENCOPE ABERRANS       | 4         | 7 | 4 |
| RHABDOPLEURA COMPACTA | X         | X | X |
| CLAVELINA SP.         |           | X |   |
| CLAVELINA GIGANTEA    | X         | X | X |
| EUDISTOMA SP.         |           | X |   |
| EUDISTOMA TARPONENSE  |           | X |   |
| APLIDIUM SP. 3        | X         |   |   |
| APLIDIUM SP. 2        |           | X |   |
| DIDEMNUM CANDIDUM     |           | X | X |
| CNEMIDOCARPA SP.      | X         |   |   |
| POLYCARPA CIRCUMARATA |           | X |   |
| PYURA VITTATA         |           | X |   |
| BRANCHIOSTOMA SP.     |           |   | 1 |
| GOBIESOX SP.          |           |   | 6 |
| SCORPAENA ALBIFIMBRIA | 1         |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 09.

| TAXON                     | REPLICATE |    |   |
|---------------------------|-----------|----|---|
|                           | A         | B  | C |
| CODIUM ISTHMOCLADUM       | X         |    | X |
| CAULERPA SERTULARIODES    | X         | X  |   |
| HALIMEDA GRACILIS         | X         | X  | X |
| UDOTEA FLABELLUM          | X         |    |   |
| SARGASSUM HYSTRIX         | X         |    |   |
| GRACILARIA MAMILLARIS     | X         | X  | X |
| PEYSSONNELIA RUBRA        | X         | X  |   |
| LITHOTHAMNIUM CALCAREUM   |           |    | X |
| LITHOTHAMNIUM OCCIDENTALE | X         | X  |   |
| CRYPTONEMIACEAE           |           | X  |   |
| SPONGIA SP.               |           | X  |   |
| ? DYSIDEA SPP.            | X         | X  | X |
| ? ADOCIIDAE               |           |    | X |
| ? BIEMNA SPP.             | X         | X  | X |
| TETHYA SP.                |           | X  |   |
| TETHYA ACTINIA            | X         |    |   |
| EUDENDRIUM SP.            | X         |    |   |
| AGLAOPHENIA ELONGATA      |           | X  |   |
| SYNTHECIUM TUBITHECUM     |           |    | X |
| LEPTOGORGIA STHENO        | X         |    |   |
| ANEMONE SP.               |           | X  |   |
| MADRACIS ASPERULA         | X         | X  |   |
| OCULINA TENELLA           | X         | X  | X |
| POLYCHAETA                | X         | X  | X |
| CALLIOSTOMA TAMPAENSE     |           |    | 2 |
| TURBO CREMULATUS          | 2         |    | 1 |
| VERMICULARIA SPIRATA      |           | 1  |   |
| VERMICULARIA KNORII       | 4         |    | 4 |
| TURRITELLA ACROPORA       | 4         | 5  | 8 |
| TURRITELLA EXOLETA        | 10        | 11 | 9 |
| CYPRAEA SPURCA ACICULARIS | 1         |    |   |
| POLINICES LACTEUS         |           |    | 1 |
| NATICARIUS CANRENA        | 1         |    |   |
| CYMATIUM KREBSII          |           | 1  |   |
| DISTORSIO CLATHRATA       |           | 1  |   |
| MUREX CABRITII            | 1         | 1  |   |
| MUREX BELLEGLADENSIS      | 2         |    | 1 |
| MUREX RUBIDUS             | 1         |    |   |
| FUSINUS EUCOSMIUS         |           | 1  |   |
| FUSINUS HELENAE           |           | 2  |   |
| OLIVA SP.                 | 1         |    |   |
| OLIVA EDWARDSI            | 4         |    | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 09.

| TAXON                       | REPLICATE |   |   |
|-----------------------------|-----------|---|---|
|                             | A         | B | C |
| TRIGONOSTOMA TENERUM        |           |   | 1 |
| HYALINA AVENA               | 2         |   | 1 |
| CONUS STIMPSONI             | 3         |   | 4 |
| CONUS AMPHIURGUS            | 1         |   |   |
| CONUS RAINESAE              | 1         |   |   |
| CONUS STEARNSI              | 1         |   |   |
| CHLAMYS BENEDICTI           | 1         | 1 |   |
| EUCRASSATELLA SPECIOSA      |           | 1 | 1 |
| NEMOCARDIUM TINCTUM         | 3         |   | 3 |
| SEMELE BELLASTRIATA         |           |   | 1 |
| SEMELE PURPURASCENS         | 2         |   |   |
| PITAR FULMINATUS            | 1         |   | 1 |
| CALLISTA EUCYMATA           | 6         | 1 | 3 |
| CHIONE LATILIRATA           | 2         |   |   |
| HIATELLA ARCTICA            |           | 1 |   |
| OCTOPUS JOUBINI             |           |   | 2 |
| ANOPLODACTYLUS INSIGNIS     | 2         |   |   |
| PALLENOPSIS SCHMITTI        | 1         |   |   |
| ALPHEUS SP.                 | 1         |   |   |
| SYNALPHEUS TOWNSENDI        | 1         |   | 1 |
| TRACHYCARIS RESTRICTUS      | 1         |   |   |
| SCYLLARUS CHACEI            |           |   | 3 |
| MANUCOMPLANUS CORALLINUS    | 5         |   | 1 |
| PHIMOCHIRUS HOLTHUISI       | 1         | 2 | 2 |
| DARDANUS INSIGNIS           | 2         | 1 |   |
| PAGURISTES SP.              |           |   | 1 |
| PAGURISTES HERNANCORTEZI    | 1         |   |   |
| PAGURISTES SERICEUS         | 3         | 3 | 1 |
| PAGURISTES TRIANGULATUS     | 4         |   |   |
| PETROCHIRUS DIOGENES        | 1         |   |   |
| DROMIDIA ANTILLENIS         | 1         |   | 1 |
| HYPOCONCHA SPINOSISSIMA     |           | 1 | 1 |
| ETHUSA MASCARONE AMERICANA  | 3         | 2 |   |
| CALAPPA CF. OCELLATA        | 1         |   |   |
| OSACHILA SEMILEVIS          | 1         |   |   |
| OSACHILA TUBEROSA           | 1         |   |   |
| CALLIDACTYLUS ASPER         | 4         |   | 2 |
| ILIACANTHA SPARSA           |           |   | 2 |
| RANILIA MURICATA            | 4         | 2 | 4 |
| SYMETHIS VARIOLOSA          | 4         | 2 | 1 |
| COLLODES TRISPINOSUS        |           | 3 | 3 |
| MACROCOELOMA SEPTemspinosum |           | 2 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 09.

| TAXON                             | REPLICATE |    |    |
|-----------------------------------|-----------|----|----|
|                                   | A         | B  | C  |
| PODOCHELA GRACILIPES              | 1         |    |    |
| STENOCIONOPS FURCATA COMELATA     |           | 2  |    |
| STENORHYNCHUS SETICORNIS          | 3         | 1  |    |
| TYCHE EMARGINATA                  | 1         |    |    |
| MOCOSOA CREBRIPUNCTATA            |           | 1  |    |
| PARTHENOPE AGONA                  | 1         |    |    |
| PARTHENOPE FRATERCULUS            |           |    | 1  |
| CRYPTOPODIA CONCAVA               | 2         |    |    |
| PORTUNUS SPINICARPUS              |           |    | 2  |
| PORTUNUS SPINIMANUS               | 1         |    |    |
| PORTUNUS ORDWAYI                  |           | 1  |    |
| CARPOPORUS PAPULOSUS              |           | 2  | 2  |
| MICROPANOPE LAEVIMANUS            | 1         | 1  | 3  |
| MICROPANOPE SP. B                 | 1         |    |    |
| PILUMNUS FLORIDANUS               | 8         |    | 2  |
| PSEUDOMEDAUS DISTINCTUS           |           | 1  |    |
| PALICUS SP.                       | 1         |    |    |
| AMATHIA CONVOLUTA                 | X         | X  | X  |
| STEGANOPORELLA MAGNILABRIS        | X         |    |    |
| CELLARIA IRREGULARIS              | X         |    |    |
| NELLIA OCLATA                     |           | X  |    |
| BUGULA NERITINA                   |           |    | X  |
| STYLOPOMA SPONGITES               | X         | X  | X  |
| BRACEBRIDGIA SUBSULCATA           |           |    | X  |
| CELLEPORARIA ALBIROSTRIS          | X         | X  | X  |
| CELLEPORARIA MAGNIFICA            |           | X  | X  |
| CRISIA EBURNEA                    |           |    | X  |
| CRISIA ELONGATA                   |           | X  |    |
| LUIDIA ALTERNATA                  | 1         | 2  | 1  |
| ASTROPECTEN DUPLICATUS            | 4         | 1  | 1  |
| ASTROPECTEN ARTICULATUS           | 2         |    |    |
| CERAMASTER GRENADENSIS            | 1         |    |    |
| GONIASTER TESSELLATUS             | 7         | 3  | 3  |
| ECHINASTER SP.                    | 2         | 6  | 1  |
| OPHIOMYXA FLACCIDA                | 2         | 5  | 1  |
| OPHIOLEPIS ELEGANS                | 21        | 12 | 13 |
| OPHIODERMA BREVISPINUM            | 2         | 4  | 4  |
| OPHIOTHRIX ANGULATA               | 1         | 2  |    |
| EUCIDARIS TRIBULOIDES TRIBULOIDES | 13        | 18 | 12 |
| STYLOCIDARIS AFFINIS              | 2         | 1  | 1  |
| GENOCIDARIS MACULATA              | 1         |    |    |
| LYTECHINUS VARIEGATUS CAROLINUS   | 1         |    |    |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
 LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 08.

| TAXON                    | REPLICATE |   |   |
|--------------------------|-----------|---|---|
|                          | A         | B | C |
| CLYPEASTER SUBDEPRESSUS  | 2         |   |   |
| CLYPEASTER PROSTRATUS    | 1         | 7 | 3 |
| ECHINOLAMPAS DEPRESSA    | 1         | 3 | 3 |
| DIDEMNUM CANDIDUM        | X         |   | X |
| POLYCARPA OBTECTA        | X         | X | X |
| POLYCARPA CIRCUMARATA    | X         | X | X |
| PORICHTHYS PLECTRODON    | 1         | 1 |   |
| HALIEUTICHTHYS ACULEATUS | 1         |   |   |
| SYNGNATHUS ELUCENS       | 1         |   |   |
| HIPPOCAMPUS ERECTUS      | 1         |   |   |
| SCORPAENA SP.            |           |   | 1 |
| SCORPAENA INERMIS        |           |   | 1 |
| PRIONOTUS ROSEUS         |           |   | 1 |
| DIPLECTRUM FORMOSUM      |           | 1 |   |
| RYPTICUS BISTRISPINUS    | 1         |   |   |
| BOTHUS ROBINSI           | 1         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 11.

| TAXON                       | REPLICATE |   |   |
|-----------------------------|-----------|---|---|
|                             | A         | B | C |
| HALIMEDA GRACILIS           |           |   | X |
| HALIMEDA INCRASSATA         | X         |   |   |
| SARGASSUM FILIPENDULA       | X         |   |   |
| SARGASSUM BERMUDENSE        |           | X |   |
| PEYSSONNELIA RUBRA          |           | X | X |
| LITHOTHAMNIUM CALCAREUM     | X         |   |   |
| LITHOTHAMNIUM RUPTILE       | X         | X |   |
| LITHOTHAMNIUM SYNTROPHICUM  | X         |   |   |
| CRYPTONEMIACEAE             | X         |   | X |
| HALYMENIA VINACEA           |           |   | X |
| RHODYMENIA OCCIDENTALIS     | X         | X |   |
| MARIPELTA ATLANTICA         | X         | X |   |
| AGARDHINULA BROWNEAE        | X         |   |   |
| APHROCERAS ? ENSATA         |           | X |   |
| IRCINIA STROBILINA          | X         |   | X |
| DYSIDEA SPP.                | X         | X |   |
| ? DYSIDEA SPP.              |           |   | X |
| LISSODENDORYX SP.           |           | X |   |
| MICROCIONIDAE               |           | X |   |
| MICROCIONA SPP.             | X         |   | X |
| ? BIEMNA SPP.               |           |   | X |
| BUBARIS SPP.                | X         | X |   |
| ? BUBARIS SPP.              | X         |   |   |
| TIMEA ? MIXTA               | X         | X |   |
| SUBERITIDAE                 |           | X |   |
| PLACOSPONGIA MELOBESIOIDES  | X         |   | X |
| STYLOCORDYLA ? LONGISSIMA   |           | X | X |
| ? EPIPOLASIS SPP.           |           | X | X |
| JASPIS SPP.                 | X         |   | X |
| ? JASPIS SPP.               |           | X | X |
| ? TETILLA SP.               |           |   | X |
| GEODIA NEPTUNI              | X         | X |   |
| ERYLUS FORMOSUS             | X         |   | X |
| CHONDROSIA SPP.             |           |   | X |
| ? PACHASTRELLA SP.          | X         |   |   |
| DISCODERMIA SP.             | X         |   | X |
| TEICHAXINELLA SHOEMAKERI    | X         | X | X |
| ACRYPTOLARIA CONFERTA       |           | X | X |
| ACRYPTOLARIA RECTANGULARIS  | X         |   |   |
| AGLAOPHENIA ELONGATA        |           | X | X |
| STEPHANOSCYPHUS CORNIFORMIS |           | X |   |
| BELLONELLA TENUIS           |           | X |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 11.

| TAXON                        | REPLICATE |   |   |
|------------------------------|-----------|---|---|
|                              | A         | B | C |
| NIDALIA OCCIDENTALIS         | X         | X | X |
| SIPHONOGORGIA AGASSIZII      |           |   | X |
| LEPTOGORGIA MEDUSAE          | X         |   |   |
| NICELLA GUADALUPENSIS        |           | X |   |
| ANEMONE SP.                  |           | X |   |
| MADRACIS ASPERULA            | X         |   |   |
| POLYCHAETA                   | X         | X | X |
| VERMICULARIA KNORII          |           |   | 1 |
| TURRITELLA ACROPORA          |           | 1 |   |
| TURRITELLA EXOLETA           |           | 1 | 4 |
| CYMATIUM KREBSII             |           |   | 1 |
| MUREX ANNIAE                 | 1         |   |   |
| MUREX BELLEGLADENSIS         | 1         |   |   |
| PHYLLONOTUS POMUM            | 1         | 1 |   |
| FUSINUS EUCOSMIUS            | 1         | 1 |   |
| CONUS STIMPSONI              |           | 2 |   |
| TEREBRA FLORIDANA            |           |   | 1 |
| PLICATULA GIBBOSA            |           |   | 1 |
| NEMOCARDIUM TINCTUM          |           |   | 1 |
| PITAR FULMINATUS             | 2         | 1 |   |
| CALLISTA EUCYMATA            |           |   | 1 |
| DENTALIUM LAQUEATUM          |           | 1 |   |
| SYNALPHEUS SP.               | 1         |   |   |
| AGARICOCHEIRUS BOLETIFER     | 1         | 1 | 1 |
| MUNIDA PUSILLA               |           | 1 |   |
| MUNIDA SPINIFRONS            | 1         |   |   |
| HOMOLA BARBATA               | 1         |   |   |
| CALAPPA ANGUSTA              |           | 2 | 3 |
| OSACHILA TUBEROSA            | 3         | 2 | 4 |
| ILIACANTHA SUBGLOBOSA        | 1         | 1 |   |
| RANILIA MURICATA             | 1         |   |   |
| ARACHNOPSIS FILIPES          | 3         |   |   |
| MACROCOELOMA EUTHECA         |           | 2 |   |
| MACROCOELOMA SEPTEMSPINOSUM  |           |   | 1 |
| PODOCHELA LAMELLIGERA        |           |   | 1 |
| STENOCIONOPS FURCATA COELATA |           | 1 |   |
| PARTHENOPE AGONA             |           | 1 |   |
| PARTHENOPE FRATERCULUS       | 4         | 1 | 3 |
| PORTUNUS SPINICARPUS         | 2         | 3 | 1 |
| PORTUNUS ORDWAYI             |           | 1 |   |
| PORTUNUS FLORIDANUS          |           | 1 |   |
| CARPOPORUS PAPULOSUS         |           | 1 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 11.

| TAXON                     | REPLICATE |   |   |
|---------------------------|-----------|---|---|
|                           | A         | B | C |
| MICROPANOPE LAEVIMANUS    | 1         |   |   |
| MICROPANOPE SCULPTIPES    | 15        |   | 2 |
| EUCHIROGRAPSUS AMERICANUS | 1         |   |   |
| PALICUS AFFINIS           | 1         |   |   |
| MEIOSQUILLA QUADRIDENS    |           | 1 |   |
| SIPUNCULA                 | 1         |   |   |
| STYLOPOMA SPONGITES       |           | X |   |
| PARASMITTINA SPATHULATA   |           | X |   |
| PORANIELLA REGULARIS      | 1         | 4 |   |
| HENRICIA ANTILLARUM       | 2         |   |   |
| ECHINASTER MODESTUS       |           | 2 |   |
| OPHIOMYXA FLACCIDA        | 4         | 6 | 1 |
| OPHIODERMA APPRESSUM      | 1         |   |   |
| AMPHIURIDAE               |           | 1 |   |
| OPHIOTHRIX ANGULATA       | 2         | 1 | 1 |
| STYLOCIDARIS AFFINIS      | 6         | 5 | 1 |
| ECHINOLAMPAS DEPRESSA     |           | 2 |   |
| EUDISTOMA SP.             |           | X |   |
| EUDISTOMA CAPSULATUM      | X         |   |   |
| DIDEMNUM CANDIDUM         | X         | X | X |
| SYNGNATHUS ELUCENS        | 1         |   |   |
| HIPPOCAMPUS ERECTUS       | 1         |   |   |
| HIPPOCAMPUS REIDI         |           | 1 |   |
| CORYTHOICHTHYS SP.        |           | 1 |   |
| SCORPAENA SP.             | 1         |   |   |
| RYPTICUS BISTRISPINUS     |           | 1 |   |
| OPISTOGNATHUS LONCHURUS   | 1         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 13.

| TAXON                        | REPLICATE |   |   |
|------------------------------|-----------|---|---|
|                              | A         | B | C |
| CAULERPA SP.                 | X         |   |   |
| HALIMEDA GRACILIS            |           | X | X |
| HALIMEDA INCRASSATA          | X         |   |   |
| UDOTEA CVATHIFORMIS          |           |   | X |
| UDOTEA FLABELLUM             | X         | X |   |
| UDOTEA SPINULOSA             | X         |   |   |
| SARGASSUM FILIPENDULA        | X         | X |   |
| LITHOPHYLLUM MUNITUM         |           | X | X |
| GONIOLITHON STRICTUM         |           | X |   |
| DYSIDEA SPP.                 |           | X |   |
| APLYSINA FISTULARIS V. FULVA |           |   | X |
| AIOLOCHROIA CRASSA           |           |   | X |
| NIPHATES ERECTA              |           | X |   |
| ? SIGMAXIA SP.               |           | X |   |
| ? HALICHONDRIA SPP.          |           | X |   |
| OXEOSTILON BURTONI           |           | X |   |
| SPHECIOSPONGIA VESPARIUM     | X         |   |   |
| ANTHOSIGMELLA VARIANS        | X         | X | X |
| ANTHOSIGMELLA ? VARIANS      |           | X | X |
| PLACOSPONGIA MELOBESIOIDES   |           |   | X |
| CLIONA CELATA                | X         |   |   |
| EPIPOLASIS SPP.              |           |   | X |
| GEODIA GIBBEROSA             | X         | X | X |
| CINACHYRA ALLOCLADA          | X         | X |   |
| AXINELLA POLYCAPELLA         | X         |   |   |
| HOMAXINELLA WALTONSMITHI     | X         |   |   |
| DYNAMENA CORNICINA           |           | X |   |
| THYROSCYPHUS MARGINATUS      | X         | X | X |
| EUNICEA CALYCVLATA           |           |   | X |
| EUNICEA KNIGHTI              |           |   | X |
| LOPHOGORGIA CARDINALIS       | X         | X | X |
| PSEUDOPTEROGORGIA ACEROSA    | X         | X | X |
| PTEROGORGIA GUADALUPENSIS    | X         |   |   |
| ANTHOZOA-ZOANTHARIA          | X         |   |   |
| SIDERASTREA RADIANS          | X         |   |   |
| SOLENASTREA HYADES           |           |   | X |
| POLYCHAETA                   |           | X | X |
| VERMICULARIA SPIRATA         |           | 1 |   |
| VERMICULARIA KNORII          |           | 3 | 1 |
| TURRITELLA ACROPORA          |           | 1 |   |
| MODULUS MODULUS              |           |   | 1 |
| CERITHIUM ATRATUM            | 3         |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
 LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 13.

| TAXON                        | REPLICATE |   |   |
|------------------------------|-----------|---|---|
|                              | A         | B | C |
| CERITHIUM EBURNEUM           |           |   | 1 |
| STROMBUS ALATUS              | 4         | 9 | 6 |
| STROMBUS COSTATUS            |           | 5 | 1 |
| CRUCIBULUM PLANUM            |           | 1 |   |
| XENOPHORA CONCHYLIOPHORA     |           |   | 1 |
| POLINICES LACTEUS            |           |   | 1 |
| MUREX BELLEGLADENSIS         |           |   | 1 |
| MUREX RUBIDUS                |           | 1 |   |
| COLUBRARIA LANCEOLATA        |           | 1 |   |
| FASCIOLARIA LILIUM TORTUGANA |           | 1 | 1 |
| OLIVA EDWARDSI               | 1         | 2 | 4 |
| CONUS FLORIDANUS             | 4         | 2 | 4 |
| CONUS JASPIDEUS              |           | 1 | 1 |
| STRIOTEREBRUM ONSLOWENSIS    | 1         | 6 |   |
| ANADARA NOTABILIS            |           |   | 1 |
| PTERIA COLYMBUS              |           |   | 3 |
| PECTEN RAVENELI              |           |   | 3 |
| ARGOPECTEN GIBBUS            |           |   | 1 |
| LUCINA NASSULA               |           |   | 1 |
| EUCRASSATELLA SPECIOSA       |           | 2 |   |
| LAEVICARDIUM LAEVIGATUM      |           |   | 1 |
| LAEVICARDIUM PICTUM          |           |   | 1 |
| TRACHYCARDIUM EGMONTIANUM    |           |   | 2 |
| PAPYRIDEA SOLENIFORMIS       |           | 1 | 1 |
| AMERICARDIA MEDIA            | 1         | 1 |   |
| TELLINA LISTERI              | 1         | 5 | 1 |
| MACROCALLISTA MACULATA       | 6         | 2 | 4 |
| CHIONE LATILIRATA            | 1         |   | 2 |
| CHIONE CANCELLATA            | 1         |   |   |
| PERIGLYPTA LISTERI           |           |   | 1 |
| CORBULA DIETZIANA            |           |   | 2 |
| ARCINELLA CORNUTA            | 1         | 1 |   |
| GRAPTACME SEMISTRIOLOLATUM   |           |   | 3 |
| ANOPLDACTYLUS INSIGNIS       |           |   | 1 |
| TRACHYPENAEUS CONSTRICTUS    |           |   | 2 |
| SICYONIA TYPICA              | 2         | 4 | 3 |
| LEPTOCHELA CARINATA          |           |   | 1 |
| SYNALPHEUS LONGICARPUS       | 2         |   |   |
| SYNALPHEUS MINUS             |           | 2 |   |
| TOZEUMA SERRATUM             | 1         |   |   |
| SCYLLARUS AMERICANUS         |           | 2 | 4 |
| PHIMMOCHIRUS HOLTHUISI       |           |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 13.

| TAXON                           | REPLICATE |   |   |
|---------------------------------|-----------|---|---|
|                                 | A         | B | C |
| PETROLISTHES GALATHINUS         | 1         |   |   |
| PAGURISTES HUMMI                | 1         |   |   |
| PAGURISTES PUNTIPEPS            | 2         |   |   |
| PAGURISTES SERICEUS             | 1         |   | 1 |
| PAGURISTES TORTUGAE             | 1         |   |   |
| PETROCHIRUS DIOGENES            | 1         |   |   |
| DROMIDIA ANTILLENIS             | 1         |   |   |
| HYPOCONCHA SABULOSA             |           |   | 2 |
| CALAPPA FLAMMEA                 |           | 1 |   |
| ILIACANTHA INTERMEDIA           |           |   | 2 |
| SPELDEOPHORUS NODOSUS           |           |   | 1 |
| MITHRAX (MITHRAX) PLEURACANTHUS |           | 1 |   |
| PITHO LHERMINIERI               |           |   | 4 |
| STENORHYNCHUS SETICORNIS        | 2         | 1 |   |
| PARTHENOPE GRANULATA            | 1         |   |   |
| PARTHENOPE SERRATA              |           |   | 2 |
| MESORHOEA SEXSPINOSA            |           |   | 1 |
| PORTUNUS GIBBESI                | 2         | 3 | 2 |
| PORTUNUS ORDWAYI                |           | 2 | 2 |
| LOBOPILUMNUS AGASSIZI           | 1         |   | 1 |
| PILUMNUS DASYPODUS              |           | 1 |   |
| PILUMNUS SAYI                   | 2         | 1 | 2 |
| GONODACTYLUS BREDINI            |           |   | 1 |
| AMATHIA CONVOLUTA               |           | X | X |
| NELLIA OCVLATA                  |           |   | X |
| CUPULADRIA BIPOROSA             | X         | X | X |
| HIPPOPORIDRA EDAX               |           | X |   |
| CELLEPORARIA ALBIROSTRIS        | X         |   | X |
| LUIDIA SP.                      |           |   | 1 |
| LUIDIA ALTERNATA                | 2         | 2 | 1 |
| LUIDIA SAGAMINA                 |           |   | 1 |
| ASTROPECTEN DUPLICATUS          |           | 4 | 3 |
| ASTROPECTEN ARTICULATUS         | 1         |   | 2 |
| ASTEROPHYTON MURICATUM          | 1         | 2 |   |
| OPHIOLEPIS ELEGANS              |           | 5 | 9 |
| OPHIODERMA BREVISPINUM          |           |   | 1 |
| AMPHILURIDAE                    | 1         |   |   |
| OPHIOTHRUX ANGULATA             |           | 1 |   |
| OPHIOTHRUX SUENSONII            | 1         |   |   |
| CLYPEASTER SUBDEPRESSUS         | 2         | 1 | 4 |
| ENCOPE ABERRANS                 | 1         |   |   |
| ENCOPE MICHELINI                |           | 2 | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 13.

| TAXON                      | REPLICATE |   |   |
|----------------------------|-----------|---|---|
|                            | A         | B | C |
| THYONELLA PERVICAX         | 2         | 3 | 2 |
| HOLOTHURIA PRINCEPS        |           |   | 1 |
| RHABDOPLEURA COMPACTA      | X         |   |   |
| CLAVELINA PICTA            |           |   | X |
| CLAVELINA SP. 1            |           |   | X |
| EUDISTOMA CAPSULATUM       |           |   | X |
| DIDEMNUM CANDIDUM          |           | X |   |
| BRANCHIOSTOMA SP.          |           |   | 1 |
| PORICHTHYS PLECTRODON      |           |   | 2 |
| PRIONOTUS MARTIS           |           | 1 |   |
| DACTYLOSCOPUS TRIDIGITATUS |           | 4 | 3 |
| PARABLENNIUS MARMOREUS     | 1         |   |   |
| SYACIUM PAPILLOSUM         |           |   | 2 |
| MONACANTHUS CILIATUS       |           | 1 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 15.

| TAXON                               | REPLICATE |   |   |
|-------------------------------------|-----------|---|---|
|                                     | A         | B | C |
| CODIUM ISTHMOCLADUM                 | X         |   |   |
| HALIMEDA GRACILIS                   | X         | X | X |
| HALIMEDA DISCOIDEA                  |           | X |   |
| UDOTEA FLABELLUM                    |           | X |   |
| LITHOPHYLLUM MUNITUM                |           |   | X |
| LITHOTHAMNIUM CALCAREUM             | X         | X | X |
| LITHOTHAMNIUM RUPTILE               | X         |   |   |
| HYATTELLA INTESTINALIS              | X         | X | X |
| IRGINIA CAMPANA                     | X         |   |   |
| IRGINIA STROBILINA                  | X         |   |   |
| IRGINIA FELIX                       | X         |   |   |
| DYSIDEA SPP.                        | X         |   |   |
| ? DYSIDEA SPP.                      |           | X | X |
| APLYSINA FISTULARIS V. FULVA        | X         | X | X |
| AIOLOCHROIA CRASSA                  | X         | X | X |
| CHELONAPLYSILLA SP.                 | X         |   |   |
| IGERNELLA ? NOTABILIS               |           | X |   |
| HALICLONA COMPRESSA                 | X         |   | X |
| NIPHATES ERECTA                     | X         | X | X |
| SPINOSSELLA PLICIFERA               | X         | X | X |
| SIPHONODICTYON SIPHONUM             | X         |   |   |
| ? NEPHELIOSPONGIIDAE                |           |   | X |
| MYCALE SP.                          |           |   | X |
| NEOFIBULARIA NOLITANGERE            | X         | X | X |
| IOTROCHOTA BIROTULATA               |           |   | X |
| ? FORCEPIA SP.                      | X         |   |   |
| MICROCIONIDAE                       |           | X |   |
| MICROCIONA SPP.                     |           | X | X |
| PANDAROS ACANTHIFOLIUM              | X         |   |   |
| HALICHONDRIA SPP.                   |           |   | X |
| SPIRASTRELLA COCCINEA               | X         | X | X |
| SPHECIOSPONGIA VESPARIUM            | X         | X | X |
| ANTHOSIGMELLA VARIANS               | X         | X |   |
| ANTHOSIGMELLA VARIANS V. INCRUSTANS | X         | X |   |
| ANTHOSIGMELLA ? VARIANS             | X         |   |   |
| PLACOSPONGIA MELOBESIOIDES          | X         | X | X |
| CLIONA DELITRIX                     | X         |   |   |
| EPIPOLASIS SPP.                     | X         | X | X |
| ? EPIPOLASIS SPP.                   | X         | X |   |
| SCOLOPES MEGASTRA                   |           |   | X |
| ASTEROPUS SP.                       |           |   | X |
| GEODIA GIBBEROSA                    | X         | X | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 15.

| TAXON                      | REPLICATE |   |   |
|----------------------------|-----------|---|---|
|                            | A         | B | C |
| CINACHYRA KUEKENTHALI      | X         |   | X |
| CINACHYRA ALLOCLADA        | X         | X |   |
| CHONDROSIA SPP.            |           | X |   |
| ? PLAKORTIS SP.            | X         |   | X |
| AXINELLA BOOKHOUTI         | X         |   | X |
| AXINELLA POLYCAPELLA       |           |   | X |
| HOMAXINELLA WALTONSMITHI   | X         | X |   |
| ? PTILOCAULIS SP.          |           | X | X |
| HEMECTYON ? PEARSEI        |           | X |   |
| SERTULARELLA CONICA        | X         |   |   |
| STEPHANOCOENIA MICHELINII  | X         |   | X |
| MADRACIS DECACTIS          |           |   | X |
| AGARICIA FRAGILIS          | X         | X |   |
| SIDERASTREA RADIANIS       |           |   | X |
| PORITES PORITES DIVARICATA | X         |   |   |
| MANICINA AREOLATA          | X         | X |   |
| CLADOCORA ARBUSCULA        |           | X | X |
| SOLENASTREA HYADES         |           | X |   |
| OCULINA DIFFUSA            | X         | X | X |
| OCULINA ROBUSTA            | X         |   |   |
| SCOLYMIA LACERA            | X         | X | X |
| POLYCHAETA                 | X         |   | X |
| CALLIOSTOMA TAMPAENSE      | 3         | 5 |   |
| ASTRAEA PHOEBIA            |           | 1 |   |
| VERMICULARIA SPIRATA       |           |   | 1 |
| VERMICULARIA KNORII        | 3         |   | 1 |
| TURRITELLA ACROPORA        | 1         | 6 | 2 |
| CIRSOTREMA DALLI           |           | 1 | 1 |
| STROMBUS COSTATUS          |           |   | 3 |
| XENOPHORA CONCHYLIOPHORA   |           | 1 |   |
| TRIVIA PEDICULUS           |           | 2 |   |
| CYPRAEA CERVUS             | 1         |   |   |
| NATICARIUS CANRENA         | 1         | 1 |   |
| MUREX CABRITII             |           | 1 |   |
| MUREX RUBIDUS              |           | 2 |   |
| NASSARIUS CONSENSUS        |           | 3 |   |
| LATIRUS CARINIFERUS        | 2         | 2 |   |
| OLIVA EDWARDSI             | 1         | 1 |   |
| OLIVA CF. EDWARDSI         |           | 1 |   |
| PRUNUM ROOSEVELTI          |           | 1 |   |
| VEXILLUM ALBOCINCTUM       |           | 1 |   |
| CONUS AMPHIURGUS           | 1         |   |   |

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TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 15.

| TAXON                            | REPLICATE |    |   |
|----------------------------------|-----------|----|---|
|                                  | A         | B  | C |
| CONUS JASPIDEUS                  |           |    | 1 |
| LITHOPHAGA ARISTATA              | 1         |    |   |
| PINCTADA IMBRICATA               |           |    | 1 |
| AEQUIPECTEN MUSCOSUS             |           |    | 1 |
| SPONDYLUS AMERICANUS             | 1         |    |   |
| PODODESMUS RUDIS                 | 1         |    |   |
| LIMA PELLUCIDA                   |           | 1  |   |
| LAEVICARDIUM LAEVIGATUM          |           | 3  | 1 |
| LAEVICARDIUM PICTUM              | 1         |    |   |
| TELLINA LISTERI                  |           | 1  | 1 |
| SEMELE PURPURASCENS              |           | 1  |   |
| MACROCALLISTA MACULATA           |           | 1  | 2 |
| CHIONE LATILIRATA                |           | 1  |   |
| HIATELLA ARCTICA                 | 4         | 1  |   |
| CHAMA CONGREGATA                 | 1         |    |   |
| CHAMA MACEROPHYLLA               | 3         |    |   |
| SICYONIA TYPICA                  |           | 1  |   |
| LEPTOCHELA CARINATA              |           | 1  | 1 |
| ALPHEUS FORMOSUS                 |           | 2  |   |
| SYNALPHEUS LONGICARPUS           |           |    | 1 |
| SYNALPHEUS PANDIONIS             |           |    | 1 |
| SYNALPHEUS TOWNSENDI             | 4         |    | 1 |
| STENOPUS SCUTELLATUS             |           |    | 1 |
| SCYLLARUS CHACEI                 |           | 1  |   |
| IRIDOPAGURUS CARIBBENSIS         | 1         |    |   |
| PHIMOCHIRUS HOLTHUISI            | 1         | 1  |   |
| PACHYCHELES ACKLEIANUS           | 1         |    |   |
| PAGURISTES SERICEUS              | 1         |    |   |
| DROMIDIA ANTILLENIS              | 5         | 2  | 1 |
| MACROCOELOMA CF. TRISPINOSUM     | 2         | 3  | 1 |
| MACROCOELOMA TRISPINOSUM NODIPES |           | 1  |   |
| MITHRAX (MITHRAX) ACUTICORNIS    |           | 1  |   |
| MITHRAX (MITHRAX) PLEURACANTHUS  | 12        | 10 | 2 |
| MITHRAX (MITHRACULUS) FORCEPS    | 1         | 4  | 2 |
| STENOCIONOPS FURCATA COELATA     |           |    | 1 |
| STENORHYNCHUS SETICORNIS         | 4         | 10 |   |
| STILBOGNATHUS BURRYI             |           | 1  |   |
| PARTHENOPE SERRATA               | 1         |    |   |
| XANTHIDAE                        |           |    | 1 |
| LOBOPILUMNUS AGASSIZI            | 1         | 2  |   |
| MICROPANOPE LAEVIMANUS           | 3         |    |   |
| PILUMNUS FLORIDANUS              | 2         |    |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 15.

| TAXON                      | REPLICATE |   |   |
|----------------------------|-----------|---|---|
|                            | A         | B | C |
| PILUMNUS SAYI              |           |   | 4 |
| PSEUDOMEDAUS AGASSIZI      | 1         |   |   |
| PALICUS SP.                | 2         |   |   |
| GONODACTYLUS BREDINI       | 5         | 6 | 3 |
| SIPUNCULA                  |           | 1 |   |
| AMATHIA CONVOLUTA          | X         | X | X |
| SCRUPOCELLARIA HARMERI     | X         |   |   |
| CIGCLISULA CF. TURRITA     | X         | X | X |
| STYLOPOMA SPONGITES        |           |   | X |
| HIPPOPORIDRA EDAX          |           | X |   |
| CELLEPORARIA ALBIROSTRIS   | X         | X | X |
| CELLEPORARIA MAGNIFICA     | X         |   |   |
| ASTROPECTEN DUPLICATUS     | 1         |   |   |
| OPHIOLEPIS ELEGANS         |           | 1 | 1 |
| OPHIODERMA BREVISPINUM     | 1         | 1 |   |
| OPHIOTHRIX ANGULATA        | 10        |   |   |
| OPHIOTHRIX SUENSONII       | 4         | 1 | 8 |
| DIADEMA ANTILLARUM         | 1         |   |   |
| ARBACIA PUNCTULATA         |           | 3 |   |
| CLYPEASTER SUBDEPRESSUS    | 1         | 3 |   |
| RHABDOPLEURA COMPACTA      |           |   | X |
| CLAVELINA SP. 1            | X         | X |   |
| APLIDIUM SP. 2             | X         |   | X |
| CNEMIDOCARPA SP.           | X         |   |   |
| BRANCHIOSTOMA SP.          | 1         |   |   |
| OPSANSUS PARDUS            |           | 4 |   |
| GOBIESOX SP.               | 1         |   |   |
| SCORPAENA SP.              |           |   | 1 |
| EPINEPHELUS MORIO          |           | 1 |   |
| SERRANUS SUBLIGARIUS       | 1         |   |   |
| RYPTICUS BISTRISPINUS      |           | 1 |   |
| RYPTICUS MACULATUS         | 1         |   |   |
| APOGON PIGMENTARIUS        | 5         |   |   |
| APOGON PSEUDOMACULATUS     | 1         |   |   |
| APOGON STELLATUS           |           | 2 |   |
| EUPOMACENTRUS VARIABILIS   |           |   | 1 |
| HYPLEUROCHILUS BERMUDENSIS |           | 1 |   |
| PARABLENNIUS MARMOREUS     |           | 1 |   |
| RISOR RUBER                | 1         |   |   |
| SYACIUM PAPILLOSUM         | 1         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 21.

| TAXON                               | REPLICATE |   |   |
|-------------------------------------|-----------|---|---|
|                                     | A         | B | C |
| HALIMEDA GRACILIS                   | X         |   | X |
| CYSTODICTYON PAVONIUM               | X         | X | X |
| GRACILARIA MAMILLARIS               |           |   | X |
| SQUAMARIACEAE                       | X         |   |   |
| BOTRYOCLADIA OCCIDENTALIS           |           |   | X |
| SPONGIA SP.                         | X         |   |   |
| HYATTELLA INTESTINALIS              |           |   | X |
| IRCINIA CAMPANA                     |           | X | X |
| IRCINIA STROBILINA                  | X         | X | X |
| ? HYRTIOS SP.                       |           | X |   |
| APLYSINA FISTULARIS V. FULVA        | X         | X | X |
| AIOLOCHROIA CRASSA                  | X         | X | X |
| IGERNELLA NOTABILIS                 |           |   | X |
| HALICLONA COMPRESSA                 |           | X |   |
| HALICLONA SPP.                      | X         |   |   |
| NIPHATES ERECTA                     | X         | X |   |
| SPINOSSELLA PLICIFERA               | X         |   |   |
| ? HALICLONA SPP.                    | X         |   |   |
| NEPHELIOSPONGIIDAE                  | X         | X |   |
| SIPHONODICTYON SIPHONUM             | X         |   | X |
| RHIZOCHALINA SP.                    |           |   | X |
| COELOSPHAERA FISTULA                | X         |   |   |
| MYCALE SP.                          | X         | X |   |
| NEOFIBULARIA NOLITANGERE            | X         | X |   |
| ? ULOSA SPP.                        | X         |   |   |
| TEDANIIDAE                          | X         |   |   |
| IOTROCHOTA BIROTULATA               | X         |   | X |
| ? FORCEPIA SP.                      | X         | X | X |
| MICROCIONA PROLIFERA                | X         | X |   |
| MICROCIONA SPP.                     |           | X |   |
| THALYSIAS ? JUNIPERINA              | X         |   |   |
| ? BIEMNA SPP.                       | X         |   | X |
| HALICHONDRIA MELANADOCIA            | X         |   |   |
| OXEOSTILON BURTONI                  |           |   | X |
| ? HALICHONDRIIDAE                   | X         |   |   |
| SPIRASTRELLA COCCINEA               | X         |   | X |
| SPHECIOSPONGIA VESPARIUM            | X         | X | X |
| ANTHOSIGMELLA VARIANS               | X         | X | X |
| ANTHOSIGMELLA VARIANS V. INCRUSTANS |           | X |   |
| ANTHOSIGMELLA ? VARIANS             |           | X | X |
| PLACOSPONGIA MELOBESIOIDES          | X         | X | X |
| TETHYA ACTINIA                      | X         |   | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 21.

| TAXON                     | REPLICATE |   |   |
|---------------------------|-----------|---|---|
|                           | A         | B | C |
| ? EPIPOLASIS SPP.         | X         |   |   |
| SCOLOPES MEGASTRA         | X         | X | X |
| JASPIS SPP.               |           |   | X |
| ? JASPIS SPP.             | X         | X | X |
| DEMOSPONGEA-CHORISTIDA    | X         |   |   |
| STOEBIA SP.               | X         |   |   |
| GEODIA GIBBEROSA          | X         | X | X |
| ERYLUS SPP.               | X         | X |   |
| CINACHYRA KUEKENTHALI     | X         |   |   |
| CINACHYRA ALLOCLADA       | X         | X |   |
| CHONDROSIA SPP.           | X         | X | X |
| DEMOSPONGEA-LITHISTIDA    | X         |   |   |
| HOMAXINELLA WALTONSMITHI  | X         | X |   |
| PSEUDAXINELLA ROSACEA     |           | X |   |
| TEICHAXINELLA SP.         |           | X |   |
| ? HOMAXINELLA SP.         |           |   | X |
| THALYSEURYPON SPP.        |           |   | X |
| THYROSCYPHUS MARGINATUS   | X         |   | X |
| AGLAOPHENIA ELONGATA      |           | X |   |
| GYMNANGIUM SINUOSUM       | X         |   |   |
| ANEMONE SP.               |           |   | X |
| SIDERASTREA RADIANUS      |           |   | X |
| OCULINA DIFFUSA           |           |   | X |
| CALLIOSTOMA TAMPAENSE     |           |   | 2 |
| VERMICULARIA KNORII       |           |   | 2 |
| TURRITELLA ACROPORA       | 2         |   |   |
| TURRITELLA EXOLETA        |           | 1 |   |
| STROMBUS COSTATUS         |           | 1 |   |
| TRIVIA MALTBIANA          |           | 2 |   |
| TRIVIA PEDICULUS          |           | 1 |   |
| CYPRAEA SPURCA ACICULARIS |           | 2 | 2 |
| CHICOREUS FLORIFER        | 1         | 1 |   |
| MUREX BELLEGLADENSIS      |           | 2 |   |
| MUREX RUBIDUS             |           | 1 | 1 |
| LATIRUS CARINIFERUS       | 1         |   |   |
| FUSINUS EUCOSMIUS         |           |   | 1 |
| FUSINUS HELENAE           |           | 1 |   |
| OLIVA EDWARDSI            | 2         | 1 |   |
| VEXILLUM ALBOCINCTUM      | 1         |   |   |
| POLYSTIRA ALBIDA          |           |   | 1 |
| CONUS AMPHIURGUS          |           |   | 1 |
| ARCA ZEBRA                |           | 1 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 21.

| TAXON                            | REPLICATE |   |   |
|----------------------------------|-----------|---|---|
|                                  | A         | B | C |
| CHLAMYS BENEDICTI                | 2         |   | 1 |
| NEMOCARDIUM TINCTUM              |           | 1 |   |
| LAEVICARDIUM PICTUM              |           |   | 1 |
| CHIONE LATILIRATA                |           | 1 |   |
| CHAMA MACEROPHYLLA               |           | 1 |   |
| METAPENAEOPSIS GOODEI            | 1         |   | 1 |
| SOLENOCERA ATLANTIDIS            |           |   | 1 |
| ALPHEUS NORMANNI                 |           | 1 | 1 |
| ALPHEUS FORMOSUS                 | 1         |   |   |
| SYNALPHEUS LONGICARPUS           | 5         |   |   |
| SYNALPHEUS TOWNSENDI             |           |   | 3 |
| SCYLLARUS DEPRESSUS              |           | 1 |   |
| SCYLLARUS CHACEI                 |           |   | 1 |
| PAGURUS BREVIDACTYLUS            | 1         |   | 1 |
| IRIDOPAGURUS CARIBBENSIS         | 1         |   |   |
| MANUCOMPLANUS CORALLINUS         |           | 1 |   |
| PHIMOCHIRUS HOLTHUISI            | 2         | 1 | 1 |
| MUNIDA ANGULATA                  |           |   | 1 |
| GALATHEA ROSTRATA                |           | 1 | 3 |
| PACHYCHELES RUGIMANUS            | 1         | 1 | 1 |
| PACHYCHELES ACKLEIANUS           | 1         | 1 | 2 |
| DARDANUS FUCOSUS                 | 1         | 1 |   |
| PAGURISTES SERICEUS              |           | 3 |   |
| DROMIDIA ANTILLENIS              | 8         | 1 | 5 |
| ETHUSA MASCARONE AMERICANA       |           | 1 |   |
| ILIACANTHA SPARSA                | 1         |   |   |
| MACROCOELOMA SEPTemspinosum      | 1         |   | 1 |
| MACROCOELOMA CF. TRISPinosum     | 1         | 6 | 4 |
| MACROCOELOMA TRISPinosum NODIPES | 1         |   |   |
| MITHRAX (MITHRAX) ACUTICORNIS    | 11        | 7 | 4 |
| STENOCIONOPS FURCATA COELATA     |           | 1 | 2 |
| STENORHYNCHUS SETICORNIS         | 10        | 2 | 7 |
| PORTUNUS ORDWAYI                 |           |   | 1 |
| MICROPANOPE LAEVIMANUS           | 3         |   | 7 |
| MICROPANOPE PUSILLA              |           |   | 1 |
| PILUMNUS FLORIDANUS              | 8         | 3 | 8 |
| PARACTAEA RUFOPUNCTATA NODOSA    |           |   | 2 |
| GONODACTYLUS BREDINI             |           |   | 1 |
| STEGANOPORELLA MAGNILABRIS       | X         |   |   |
| NELLIA OCLATA                    |           |   | X |
| CIGCLISULA CF. TURRITA           |           |   | X |
| STYLOPOMA SPONGITES              | X         | X | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 21.

| TAXON                             | REPLICATE |   |   |
|-----------------------------------|-----------|---|---|
|                                   | A         | B | C |
| CELLEPORARIA ALBIROSTRIS          | X         |   | X |
| CELLEPORARIA MAGNIFICA            |           |   | X |
| LUIDIA ALTERNATA                  |           | 1 |   |
| ASTROPECTEN DUPLICATUS            |           |   | 1 |
| OPHIODERMA BREVISPINUM            | 3         | 1 | 1 |
| OPHIODERMA APPRESSUM              | 1         |   | 1 |
| OPHIOTHRIX ANGULATA               | 4         | 7 | 5 |
| EUCIDARIS TRIBULOIDES TRIBULOIDES |           | 1 |   |
| ARBACIA PUNCTULATA                | 1         | 1 | 2 |
| LYTECHINUS VARIEGATUS CAROLINUS   |           | 1 | 1 |
| CLYPEASTER SUBDEPRESSUS           |           | 5 | 2 |
| CLAVELINA SP.                     |           |   | X |
| CLAVELINA GIGANTEA                | X         |   |   |
| CLAVELINA SP. 1                   | X         | X | X |
| APLIDIUM EXILE                    | X         |   |   |
| DIDEMNUM CANDIDUM                 | X         | X | X |
| ANTENNARIUS OCELLATUS             | 1         |   |   |
| SERRANUS ANNULARIS                | 2         |   |   |
| APOGON MACULATUS                  |           |   | 1 |
| DACTYLOSCOPUS SP.                 |           | 1 |   |
| PARABLENNIUS MARMOREUS            | 2         |   |   |
| NEMAELINUS ATELESTOS              |           |   | 1 |
| CORYPHOPTERUS SP.                 |           | 1 |   |
| SYACIUM PAPILLOSUM                |           | 1 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 23.

| TAXON                       | REPLICATE |   |   |
|-----------------------------|-----------|---|---|
|                             | A         | B | C |
| HALIMEDA GRACILIS           | X         | X |   |
| PALMELLACEAE N. SP.         | X         | X | X |
| ANADYOMENE MENZIESII        | X         | X | X |
| PADINA PROFUNDA             | X         |   |   |
| SARGASSACEAE                |           | X |   |
| SARGASSUM SP.               |           |   | X |
| PEYSSONNELIA RUBRA          | X         |   | X |
| PEYSSONNELIA SIMULANS       | X         | X | X |
| LITHOTHAMNIUM CALCAREUM     | X         |   |   |
| LITHOTHAMNIUM RUPTILE       |           | X |   |
| RHODYMENIA OCCIDENTALIS     |           |   | X |
| HEXACTINELLIDA-DICTYONINA   |           |   | X |
| IRGINIA STROBILINA          | X         | X | X |
| ? IRCINIA SP.               |           |   | X |
| ? GELLIUS SPP.              |           | X |   |
| BUBARIS SPP.                | X         | X |   |
| ? BUBARIS SPP.              |           | X |   |
| ? HALICHONDRIA SPP.         |           | X | X |
| LAXOSUBERITES COERULEA      |           | X |   |
| PLACOSPONGIA MELOBESIOIDES  | X         |   | X |
| ? EPIPOLASIS SPP.           |           |   | X |
| ? JASPIS SPP.               | X         |   | X |
| CHONDROSIA SPP.             | X         |   |   |
| ? PLAKORTIS SP.             |           | X |   |
| DEMOSPONGEA-LITHISTIDA      | X         | X |   |
| DISCODERMIA SP.             | X         | X | X |
| PSEUDAXINELLA ? LUNAECHARTA |           | X |   |
| TEICHAXINELLA SHOEMAKERI    |           |   | X |
| PHAKELLIA FOLIUM            | X         |   |   |
| ? TEICHAXINELLA SP.         |           |   | X |
| LEPTOGORGIA STHENO          |           | X |   |
| NICELLA GUADALUPENSIS       | X         |   |   |
| MADRACIS ASPERULA           | X         |   |   |
| MADRACIS BRUEGGEMANNI       |           |   | X |
| AGARICIA FRAGILIS           |           | X |   |
| POLYCHAETA                  | X         |   |   |
| TURBO CREMULATUS            | 1         |   | 1 |
| ASTRAEA PHOEBIA             | 1         | 1 |   |
| VERMICULARIA SPIRATA        | 2         |   |   |
| VERMICULARIA KNORII         | 1         |   |   |
| TURRITELLA ACROPORA         | 3         |   |   |
| TURRITELLA EXOLETA          | 2         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 23.

| TAXON                                    | REPLICATE |    |    |
|--|-----------|----|----|
|  | A         | B  | C  |
| CYPRAEA SPURCA ACICULARIS                |           |    | 2  |
| SILIQARIA SQUAMATA                       |           |    | 2  |
| SILIQARIA MODESTA                        |           |    | 10 |
| CHICOREUS FLORIFER                       |           | 3  |    |
| FUSINUS EUCOSMIUS                        |           |    | 1  |
| PITAR FULMINATUS                         | 1         |    |    |
| SCYLLARUS CHACEI                         |           |    | 1  |
| PAGURUS SP.                              |           |    | 1  |
| PHIMOCHIRUS HOLTHUISI                    | 1         | 1  |    |
| PAGURISTES HERNANCORTEZI                 | 1         |    |    |
| MACROCOELOMA EUTHECA                     |           |    | 1  |
| MITHRAX (MITHRAX) ACUTICORNIS            | 1         |    |    |
| STENOCIONOPS FURCATA COELATA             |           | 1  |    |
| STILBOGNATHUS BURRYI                     |           | 1  |    |
| PARTHENOPE FRATERCULUS                   |           |    | 2  |
| MICROPANOPE SCULPTIPES                   | 3         | 13 |    |
| MELYBIA THALAMITA                        |           | 1  |    |
| GONODACTYLUS TORUS                       | 3         | 4  |    |
| STEGANOPORELLA MAGNILABRIS               | X         | X  |    |
| SCHIZOPORELLA UNICORNIS                  | X         |    |    |
| STYLOPOMA SPONGITES                      |           |    | X  |
| BRACEBRIDGIA SUBSULCATA                  | X         |    |    |
| PARASMITTINA SPATHULATA                  |           |    | X  |
| CERAMASTER GRENADENSIS                   | 2         |    |    |
| GONIASTER TESSELLATUS                    |           | 1  | 2  |
| TOSIA PARVA                              | 1         |    |    |
| PORANIELLA REGULARIS                     | 1         | 3  | 3  |
| HENRICIA ANTILLARUM                      | 1         |    |    |
| OPHIOMYXA FLACCIDA                       | 6         |    |    |
| OPHIONEREIS OLIVACEA                     | 1         |    | 2  |
| OPHIODERMA BREVISPINUM                   | 1         |    |    |
| OPHIODERMA RUBICUNDUM                    |           |    | 6  |
| OPHIODERMA APPRESSUM                     |           | 1  |    |
| OPHIODERMA PHOENIUM                      |           | 9  |    |
| OPHIOTHRIX ANGULATA                      | 4         | 8  | 2  |
| STYLOCIDARIS AFFINIS                     |           |    | 3  |
| CENTROSTEPHANUS LONGISPINUS RUBRICINGULU | 1         |    |    |
| LYTECHINUS EUERGES                       | 1         |    |    |
| EUDISTOMA CAPSULATUM                     |           |    | X  |
| ANTENNARIUS OCELLATUS                    |           |    | 1  |
| SCORPAENA SP.                            | 1         |    | 1  |
| SERRANUS ANNULARIS                       |           |    | 1  |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
 LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 23.

| TAXON               | REPLICATE |   |   |
|---------------------|-----------|---|---|
|                     | A         | B | C |
| APOGON AUROLINEATUS |           |   | 1 |
| CHROMIS ENCHRYSURUS |           |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 29.

| TAXON                        | REPLICATE |   |   |
|------------------------------|-----------|---|---|
|                              | A         | B | C |
| OSTREOBIMUM QUEKETTII        |           | X |   |
| PALMELLACEAE N. SP.          | X         | X | X |
| ANADYOMENE MENZIESII         | X         | X | X |
| LOBOPHORA VARIEGATA          |           |   | X |
| PEYSSONNELIA SIMULANS        | X         | X |   |
| LITHOPHYLLUM BERMUDENSE      |           |   | X |
| LITHOTHAMNIUM RUPTILE        |           | X |   |
| AMPHIROA HANCOCKII           |           |   | X |
| LEUCETTA SP.                 | X         | X | X |
| IRCINIA STROBILINA           |           | X | X |
| APLYSINA LACUNOSA            | X         | X |   |
| APLYSINA FISTULARIS V. FULVA |           |   | X |
| SPINOSSELLA PLICIFERA        | X         |   | X |
| XESTOSPONGIA SP.             | X         |   |   |
| ? CRIBROCHALINA SPP.         |           | X |   |
| SPHECIOSPONGIA VESPARIUM     |           | X |   |
| PLACOSPONGIA MELOBESIOIDES   | X         |   |   |
| CLIONA SCHMIDTI              |           | X |   |
| EPIPOLASIS SPP.              |           | X | X |
| ? EPIPOLASIS SPP.            |           |   | X |
| SCOLOPES MEGASTRA            | X         |   |   |
| ? JASPIS SPP.                |           | X | X |
| STOEBIA SP.                  |           | X | X |
| ? STOEBIA SP.                | X         |   |   |
| GEODIA NEPTUNI               | X         | X |   |
| GEODIA ? GIBBEROSA           | X         |   |   |
| ERYLUS TRISPHAERA            |           | X |   |
| ERYLUS SPP.                  | X         |   | X |
| CINACHYRA ALLOCLADA          |           | X |   |
| ? CINACHYRA SP.              |           |   | X |
| THYROSCYPHUS MARGINATUS      |           | X |   |
| AGLAOPHENIA ELONGATA         |           | X |   |
| MONOSTAECHAS QUADRIDENS      |           |   | X |
| ANTIPATHES GRACILIS          |           | X |   |
| SCLERACIS PETROSA            |           | X |   |
| NICELLA GUADALUPENSIS        |           | X |   |
| ANEMONE SP.                  |           | X |   |
| MADRACIS ASPERULA            |           |   | X |
| MADRACIS DECACTIS            |           | X | X |
| MADRACIS FORMOSA             |           | X | X |
| MADRACIS BRUEGGEMANNI        |           | X |   |
| AGARICIA SP.                 |           |   | X |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 29.

| TAXON                                    | REPLICATE |   |   |
|--|-----------|---|---|
|  | A         | B | C |
| AGARICIA FRAGILIS                        |           | X | X |
| AGARICIA AGARICITES                      |           | X |   |
| LEPTOSERIS (HELIOSERIS) CUCULLATA        |           | X |   |
| MANICINA AREOLATA                        | X         | X | X |
| GUYNIA ANNULATA                          |           | X |   |
| HALIOTIS POURTALESII                     | 1         |   |   |
| TURBO CAILLETTI                          |           | 2 |   |
| CYPRAEA SPURCA ACICULARIS                |           | 1 |   |
| PRUNUM AMABILIS                          |           | 1 |   |
| CONUS FLAMINGO                           |           | 1 |   |
| ARCA IMBRICATA                           |           | 1 |   |
| LIMA LIMA                                |           | 1 |   |
| STENORHYNCHUS SETICORNIS                 |           |   | 1 |
| PLATYACTAEA SP. A                        |           |   | 2 |
| HIPPALIOSINA ROSTRIGERA                  |           |   | X |
| CELLEPORARIA ALBIROSTRIS                 | X         | X | X |
| ARGYROTHECA LUTEA                        | X         |   | X |
| ARGYROTHECA BARRETTIANA                  | X         |   |   |
| PORANIELLA REGULARIS                     | 1         | 7 |   |
| OPHIOMYXA FLACCIDA                       | 1         | 1 |   |
| OPHIOCOMA PUMILA                         |           | 1 |   |
| OPHIOPSILA HARTMEYERI                    |           | 1 |   |
| OPHIONEREIS OLIVACEA                     |           |   | 1 |
| OPHIODERMA BREVISPINUM                   |           | 3 |   |
| OPHIODERMA RUBICUNDUM                    | 2         |   |   |
| OPHIODERMA APPRESSUM                     |           | 1 |   |
| OPHIODERMA PHOENIUM                      |           | 8 | 1 |
| OPHIACTIS MULLERI                        |           |   | 2 |
| OPHIOTHRIX ANGULATA                      |           | 5 | 1 |
| OPHIOTHRIX SUENSONII                     |           |   | 1 |
| EUCIDARIS TRIBULOIDES TRIBULOIDES        |           | 2 |   |
| CENTROSTEPHANUS LONGISPINUS RUBRICINGULU |           | 1 | 3 |
| DIADEMA ANTILLARUM                       |           | 7 | 4 |
| COMACTINIA MERIDIONALIS                  | 1         |   |   |
| DISTAPLIA STYLIFERA                      |           | X |   |
| EUDISTOMA SP.                            |           | X | X |
| APLIDIUM EXILE                           |           | X | X |
| DIDEMNUM CANDIDUM                        |           |   | X |
| PYURA VITTATA                            |           | X |   |
| CHROMIS ENCHRYSURUS                      |           |   | 1 |
| CHROMIS SCOTTI                           |           | 1 | 1 |
| SPARISOMA ATOMARIUM                      |           | 5 |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
. LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 29.

| TAXON                         | REPLICATE |   |   |
|-------------------------------|-----------|---|---|
|                               | A         | B | C |
| -----<br>MONACANTHUS CILIATUS |           |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 32.

| TAXON                               | REPLICATE |   |   |
|-------------------------------------|-----------|---|---|
|                                     | A         | B | C |
| HEXACTINELLIDA-DICTYONINA           |           | X |   |
| IRCINIA STROBILINA                  | X         | X |   |
| SIGMADOCIA SPP.                     | X         |   |   |
| COELOSPHAERIDAE                     | X         | X | X |
| HAMACANTHA SP.                      |           | X |   |
| MICROCIONIDAE                       |           | X |   |
| THALYSIAS SPP.                      | X         | X |   |
| BUBARIS SPP.                        |           | X |   |
| ? BUBARIS SPP.                      | X         | X | X |
| ? COELOSPHAERIDAE                   |           |   | X |
| ? MYXILLIDAE                        |           |   | X |
| STYLOCORDYLA SP.                    | X         |   |   |
| STYLOCORDYLA ? LONGISSIMA           | X         | X | X |
| EPIPOLASIS SPP.                     | X         |   |   |
| ANCORINIDAE                         |           | X |   |
| ? PENARES SPP.                      |           | X |   |
| GEODIA NEPTUNI                      | X         |   |   |
| ? ANCORINIDAE                       | X         | X |   |
| DEMOSPONGEA-LITHISTIDA              |           | X |   |
| DISCODERMIA SP.                     |           | X |   |
| TEICHAXINELLA SHOEMAKERI            |           | X |   |
| ? PTILOCAULIS SP.                   | X         |   |   |
| ? THALYSEURYPON SP.                 |           |   | X |
| ACRYPTOLARIA CONFERTA               | X         | X | X |
| STYLASTER SP.                       | X         |   |   |
| THESEA GRANDIFLORA                  | X         |   |   |
| CARYOPHYLLIA HOROLOGIIUM            | X         | X | X |
| PARACYATHUS PULCHELLUS              | X         | X |   |
| DELTOCYATHUS CALCAR                 | X         |   | X |
| TROCHOCYATHUS RAWSONII              |           | X |   |
| ANOMOCORA FECLUNDA                  | X         |   |   |
| JAVANIA CAILLETI                    | X         |   |   |
| DENDROPHYLLIA CORNUCOPIA            | X         |   |   |
| POLYCHAETA                          | X         | X |   |
| ASTRAEA PHOEBIA                     |           |   | 1 |
| CERITHIUM LITTERATUM SEMIFERRUGINEA | 1         |   |   |
| NISO N. SP.                         | 1         |   |   |
| DISTORSIO CONSTRICTA MACGINTYI      |           | 1 |   |
| MUREX TRYONI                        | 4         | 4 | 2 |
| ANTILLOPHOS CANDEI                  | 13        | 9 | 1 |
| PHOS BEAUI                          | 2         |   |   |
| FUSINUS EUCOSMIUS                   | 1         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 32.

| TAXON                     | REPLICATE |    |    |
|---------------------------|-----------|----|----|
|                           | A         | B  | C  |
| FUSINUS TIMESSUS          | 1         |    |    |
| PRUNUM AMABILIS           | 2         |    |    |
| GASTROPODA EGGS           |           |    | X  |
| BARBATIA CANDIDA          |           | 1  |    |
| AEQUIPECTEN PHRYGIUM      |           | 1  | 1  |
| PLICATULA GIBBOSA         |           |    | 1  |
| AGRIOPOMA TEXASIANA       |           | 1  |    |
| DENTALIUM LAQUEATUM       | 2         |    |    |
| MESOPENAEUS TROPICALIS    | 1         | 1  | 1  |
| PROCESSA TENUIPES         | 1         |    |    |
| AGARICOCHEIRUS BOLETIFER  | 2         | 2  |    |
| PYLOPAGURUS DISCOIDALIS   | 1         |    | 1  |
| SOLENOPAGURUS LINEATUS    | 2         |    |    |
| ANISOPAGURUS BARTLETTI    | 3         |    |    |
| RHODOCHIRUS ROSACEUS      | 4         | 2  | 1  |
| MUNIDA SIMPLEX            | 8         | 61 | 18 |
| PAGURISTES SPINIPES       | 3         | 2  |    |
| PAGURISTES SP. B          |           | 1  |    |
| HOMOLA BARBATA            | 2         |    |    |
| ETHUSA TENUIPES           | 2         |    |    |
| CALAPPA ANGUSTA           | 2         |    |    |
| OSACHILA TUBEROSA         | 3         | 2  |    |
| MYROPSIS QUINQUESPINOSA   | 4         | 1  | 1  |
| ILIACANTHA SUBGLOBOSA     |           |    | 2  |
| EUPROGNATHA RASTELLIFERA  |           | 1  |    |
| EUPROGNATHA GRACILIPES    | 1         | 1  | 1  |
| STENOCIONOPS SPINOSISSIMA | 1         | 1  |    |
| STENORHYNCHUS SETICORNIS  |           |    | 1  |
| NIBILIA ANTILOCAPRA       | 1         |    |    |
| PARTHENOPE AGONA          | 2         |    |    |
| PARTHENOPE FRATERCULUS    | 1         | 1  | 2  |
| MICROPANOPE SCULPTIPES    | 5         | 6  | 3  |
| NANOPLAX XANTHIFORMIS     | 2         | 3  | 1  |
| EUCHIROGRAPSUS AMERICANUS |           | 2  |    |
| PALICUS SICA              |           | 4  |    |
| SIPUNCULA                 | 2         | 3  | 3  |
| AMATHIA CONVOLUTA         | X         |    |    |
| MEMBRANIPORA TUBERCULATA  |           | X  |    |
| GEMELLIPORA CF. GLABRA    |           |    | X  |
| CELLEPORARIA TUBULOSA     | X         | X  |    |
| PARASMITTINA TRISPINOSA   |           |    | X  |
| PECTINASTER MIXTUS        | 5         | 16 | 9  |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 32.

| TAXON                    | REPLICATE |    |    |
|--------------------------|-----------|----|----|
|                          | A         | B  | C  |
| TOSIA PARVA              |           | 2  |    |
| ROSASTER ALEXANDRI       | 3         | 4  | 1  |
| OPHIOMYXA FLACCIDA       |           | 2  |    |
| OPHIOMUSIUM SP. B        |           | 2  |    |
| OPHIOMUSIUM SP. A        | 1         |    |    |
| OPHIOPLAX SP. B          | 2         |    | 1  |
| OPHIOPLAX SP. A          | 1         |    |    |
| OPHIODERMA BREVISPINUM   | 1         |    |    |
| OPHIODERMA PHOENIUM      | 3         |    |    |
| OPHIOPAEPALE GOESIANA    | 1         | 1  |    |
| OPHIOTHRIX ANGULATA      | 2         |    | 1  |
| STYLOCIDARIS AFFINIS     | 4         | 8  |    |
| COELOPLEURUS FLORIDANUS  | 2         |    |    |
| CLYPEASTER RAVENELII     | 1         |    |    |
| ECHINOLAMPAS DEPRESSA    | 3         | 7  | 4  |
| COMACTINIA MERIDIONALIS  | 1         | 11 | 1  |
| LEPTONEMASTER VENUSTUS   | 1         |    |    |
| NEOCONATELLA PULCHELLA   | 233       | 46 | 40 |
| OGCOEPHALUS PARVUS       |           | 1  |    |
| OGCOEPHALUS CORNIGER     |           |    | 1  |
| HALIEUTICHTHYS ACULEATUS | 1         |    | 1  |
| LEPOPHIDIUM CERVINUM     | 1         |    |    |
| PONTINUS RATHBUNI        |           | 1  |    |
| SCORPAENA BRACHYPTERA    | 2         |    |    |
| BELLATOR EGRETTE         | 1         | 3  |    |
| HEMANTHIAS VIVANUS       |           | 1  |    |
| SERRANUS NOTOSPILUS      |           |    | 1  |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 38.

| TAXON                     | REPLICATE |   |   |
|---------------------------|-----------|---|---|
|                           | A         | B | C |
| HEXACTINELLIDA-DICTYONINA | X         |   |   |
| MICROCIONIDAE             | X         |   |   |
| THALYSIAS SPP.            |           | X |   |
| BUBARIS SPP.              | X         | X |   |
| ? BUBARIS SPP.            | X         | X |   |
| ? PENARES SPP.            | X         | X | X |
| PACHASTRELLA SP.          |           | X |   |
| DEMOSPONGEA-LITHISTIDA    | X         | X |   |
| AXINELLIDAE               |           | X |   |
| ? TEICHAXINELLA SP.       | X         |   |   |
| ? AXINELLA SPP.           | X         |   |   |
| ACRYPTOLARIA CONFERTA     | X         | X |   |
| ZYGOPHYLAX CONVALLARIA    |           | X | X |
| STYLASTER SP.             | X         |   | X |
| ANTIPATHES COLUMNARIS     |           | X | X |
| ANTIPATHES PEDATA         |           | X |   |
| APHANIPATHES ABIETINA     | X         | X |   |
| SIPHONOGORGIA AGASSIZII   | X         | X | X |
| THESEA GUADALUPENSIS      |           | X |   |
| SCLERACIS GUADALUPENSIS   | X         |   | X |
| PLACOGORGIA SP.           | X         |   |   |
| PLACOGORGIA MIRABILIS     |           | X |   |
| ELLISELLA FUNICULINA      |           | X |   |
| ELLISELLA BARBADENSIS     | X         |   | X |
| NICELLA GUADALUPENSIS     | X         | X | X |
| MADRACIS ASPERULA         | X         | X |   |
| MADRACIS MYRIASTER        |           |   | X |
| MADREPORA CAROLINA        |           | X | X |
| CARYOPHYLLIA HOROLOGIUM   |           | X | X |
| CARYOPHYLLIA BERTERIANA   | X         |   |   |
| PARACYATHUS PULCHELLUS    | X         | X |   |
| COENOSMILIA ARBUSCULA     | X         |   |   |
| JAVANIA CAILLETI          | X         | X |   |
| GUVNIA ANNULATA           | X         | X |   |
| POLYCHAETA                | X         | X | X |
| CYPHOMA GIBBOSUM          |           |   | 1 |
| NATICA PERLINEATA         |           | 1 |   |
| SILIQVARIA SQUAMATA       | 2         |   |   |
| SILIQVARIA MODESTA        | 1         |   |   |
| PHOS BEAUTI               | 1         |   |   |
| PRUNUM AMABILIS           |           | 2 | 3 |
| MARIONOPSIS SP.           |           |   | 1 |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 35.

| TAXON                     | REPLICATE |    |   |
|---------------------------|-----------|----|---|
|                           | A         | B  | C |
| AEQUIPECTEN PHRYGIUM      |           |    | 1 |
| ASTARTE GLOBULA           |           | 1  |   |
| POROMYA ? ALBIDA          |           | 1  |   |
| CALOCARIS SP. A           |           | 1  |   |
| SOLENOPAGURUS LINEATUS    |           | 2  |   |
| RHODOCHIRUS ROSACEUS      |           | 1  |   |
| PAGURIDAE SP. A           |           |    | 1 |
| PAGURISTES SPINIPES       | 4         | 1  | 1 |
| CALAPPA ANGUSTA           |           | 1  |   |
| STENOCIONOPS SPINOSISSIMA | 1         |    |   |
| PYROMAIA CUSPIDATA        |           | 1  | 1 |
| PARTHENOPE FRATERCULUS    |           | 1  | 4 |
| MICROPANOPE SCULPTIPES    |           | 11 |   |
| MAMORRIAN VANTUPEADUVA    |           |    | 1 |



TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 36.

| TAXON                     | REPLICATE |   |    |
|---------------------------|-----------|---|----|
|                           | A         | B | C  |
| ARCHITECTONICA NOBILIS    | 2         |   |    |
| SERPULORBIS DECUSSATUS    | 1         |   |    |
| AMAEA RETIFERA            |           |   | 1  |
| TUGURIUM CARIBAEUM        |           |   | 1  |
| MUREX CABRITII            | 1         |   | 2  |
| MUREX TRYONI              |           | 1 |    |
| FUSINUS EUCOSMIUS         |           | 1 |    |
| PLICATULA GIBBOSA         |           |   | 2  |
| AGRIOPOMA TEXASIANA       |           | 1 |    |
| DENTALIUM LAQUEATUM       |           |   | 1  |
| OCTOPUS ? VULGARIS        | 2         |   |    |
| MESOPENAEUS TROPICALIS    |           |   | 1  |
| ALPHEUS SP. A             |           | 1 |    |
| SCYLLARUS DEPRESSUS       |           | 1 |    |
| AGARICOCIRUS BOLETIFER    | 2         | 1 | 1  |
| ANISOPAGURUS BARTLETTI    |           | 1 |    |
| RHODOCHIRUS ROSACEUS      |           | 2 |    |
| MUNIDA SP.                | 1         |   |    |
| MUNIDA SIMPLEX            |           | 2 | 12 |
| MUNIDOPSIS SP. A          |           | 1 |    |
| UROPTYCHUS ARMATUS        |           | 1 |    |
| PAGURISTES CF. MOOREI     | 1         | 1 |    |
| HOMOLA BARBATA            | 1         |   |    |
| CALAPPA ANGUSTA           |           | 2 | 4  |
| OSACHILA TUBEROSA         | 6         |   |    |
| MYROPSIS QUINQUESPINOSA   | 1         |   |    |
| ILIACANTHA SUBGLOBOSA     | 7         | 5 | 1  |
| COLLODES TRISPINOSUS      | 2         |   |    |
| PODOCHELA LAMELLIGERA     | 2         |   | 1  |
| STENOCIONOPS SPINOSISSIMA | 1         |   |    |
| STENORHYNCHUS SETICORNIS  | 1         |   |    |
| PARTHENOPE FRATERCULUS    | 1         |   |    |
| PORTUNUS SPINICARPUS      |           | 4 | 1  |
| MICROPANOPE SCULPTIPES    | 3         | 3 | 1  |
| NANOPLAX XANTHIFORMIS     | 1         |   |    |
| PALICUS SICA              |           | 1 |    |
| SIPUNCULA                 | 1         |   |    |
| TEREBRATULINA CAILLETI    |           |   | X  |
| ASTROPECTEN DUPLICATUS    | 1         | 1 |    |
| PECTINASTER MIXTUS        |           | 8 | 2  |
| TOSIA PARVA               |           | 2 |    |
| ROSASTER ALEXANDRI        | 1         | 2 | 1  |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
 LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 36.

| TAXON                   | REPLICATE |   |    |
|-------------------------|-----------|---|----|
|                         | A         | B | C  |
| ASTEROSCHEMA SP. B      | 3         | 1 |    |
| ASTEROSCHEMA SP. A      |           | 1 |    |
| ASTEROPORPA ANNULATA    | 1         | 2 |    |
| ASTEROPHYTON MURICATUM  | 1         |   |    |
| OPHIOMYSIUM SP. A       |           |   | 1  |
| OPHIOLEPIS ELEGANS      | 1         | 1 |    |
| OPHIOPLAX SP. B         |           | 1 |    |
| OPHIOTHRIX ANGULATA     | 2         | 1 |    |
| STYLOCIDARIS AFFINIS    | 9         |   | 3  |
| GENOCIDARIS MACULATA    |           |   | 3  |
| CLYPEASTER RAVENELII    |           |   | 2  |
| ECHINOLAMPAS DEPRESSA   | 1         |   | 1  |
| COMASTERIDAE            | 1         |   | 2  |
| COMACTINIA MERIDIONALIS | 7         |   | 4  |
| LEPTONEMASTER VENUSTUS  | 170       |   | 22 |
| NEOCOMATELLA PULCHELLA  | 39        |   |    |
| EUDISTOMA SP.           | X         |   |    |
| PYURA VITTATA           | X         |   |    |
| ANTIGONIA CAPROS        | 1         |   |    |
| SCORPAENA BRACHYPTERA   | 1         |   |    |
| SERRANUS NOTOSPILUS     |           |   | 1  |
| RYPTICUS BISTRISPINUS   | 1         | 2 |    |
| PARAHOLLARDIA LINEATA   |           |   | 1  |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 38.

| TAXON                     | REPLICATE |   |   |
|---------------------------|-----------|---|---|
|                           | A         | B | C |
| HEXACTINELLIDA-DICTYONINA | X         |   | X |
| HEXACTINELLA SP.          | X         |   |   |
| UNCINATIDA                | X         |   |   |
| ? SIGMADOCIA SP.          | X         |   |   |
| BUBARIS SPP.              |           | X | X |
| ? HALICHONDRIA SPP.       |           |   | X |
| LAXOSUBERITES COERULEA    |           |   | X |
| TETHYA SP.                |           |   | X |
| STYLOCORDYLA ? LONGISSIMA | X         |   | X |
| ? EPIPOLASIS SPP.         |           |   | X |
| COPPATIIDAE               | X         | X | X |
| JASPIS SPP.               | X         |   |   |
| STOEBA SP.                |           | X |   |
| ? STOEBA SP.              |           | X | X |
| ? PENARES SPP.            | X         |   |   |
| ? ANCORINIDAE             |           |   | X |
| PACHASTRELLA ? MONILIFERA |           |   | X |
| ? PACHASTRELLA SP.        | X         | X |   |
| DEMOSPONGEA-LITHISTIDA    | X         | X | X |
| DISCODERMIA SP.           | X         | X |   |
| ? DISCODERMIA SP.         | X         |   |   |
| AXINELLIDAE               |           |   | X |
| AXINELLA SPP.             |           |   | X |
| ? AXINELLA SPP.           |           | X |   |
| ZYGOPHYLAX CONVALLARIA    | X         | X | X |
| STYLASTER SP.             | X         |   |   |
| ANTIPATHES SP.            |           | X |   |
| ANTIPATHES COLUMNARIS     | X         | X |   |
| ANTIPATHES CF. TANACETUM  |           | X |   |
| APHANIPATHES HUMILIS      | X         | X | X |
| APHANIPATHES ABIETINA     | X         | X | X |
| SIPHONOGORGIA AGASSIZII   | X         | X | X |
| BEERYCE GRANDIS           |           | X | X |
| THESEA PARVIFLORA         | X         |   |   |
| THESEA CITRINA            |           |   | X |
| THESEA GRANDIFLORA        | X         |   | X |
| THESEA GUADALUPENSIS      | X         |   |   |
| SCLERACIS GUADALUPENSIS   | X         | X | X |
| SCLERACIS PETROSA         | X         | X | X |
| PLACOGORGIA MIRABILIS     |           |   | X |
| VILLOGORGIA NIGRESCENS    |           |   | X |
| CALCIACIS MUTANS          | X         | X |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF TRIANGLE DREDGE DATABASE (TDS),  
LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 38.

| TAXON                    | REPLICATE |   |   |
|--------------------------|-----------|---|---|
|                          | A         | B | C |
| ELLISELLA BARBADENSIS    |           | X |   |
| NICELLA GUADALUPENSIS    | X         |   | X |
| NICELLA AMERICANA        | X         |   |   |
| MADRACIS ASPERULA        | X         |   |   |
| MADRACIS MYRIASTER       |           | X |   |
| MADREPORA CAROLINA       | X         | X | X |
| PARACYATHUS PULCHELLUS   | X         |   |   |
| JAVANIA CAILLETI         | X         | X | X |
| POLYCHAETA               | X         | X | X |
| SILIQARIA SQUAMATA       |           | 3 | 6 |
| SILIQARIA MODESTA        |           |   | 1 |
| FUSINUS EUCOSMIUS        | 1         |   |   |
| BARBATIA CANDIDA         |           |   | 1 |
| MESOPENAEUS TROPICALIS   | 2         | 1 |   |
| RHODOCHIRUS ROSACEUS     | 2         |   |   |
| MUNIDA CF. IRRASA        | 1         |   |   |
| PAGURISTES SPINIPES      |           |   | 1 |
| HOMOLA BARBATA           |           |   | 1 |
| OSACHILA TUBEROSA        |           | 1 |   |
| STENORHYNCHUS SETICORNIS | 1         |   |   |
| PARTHENOPE FRATERCULUS   | 1         |   |   |
| MICROPANOPE LAEVIMANUS   |           |   | 1 |
| MICROPANOPE SCULPTIPES   | 8         |   | 6 |
| SERTELLA MARSUPIATA      |           | X |   |
| CELLEPORARIA TUBULOSA    | X         |   |   |
| ARGYROTHECA BARRETTIANA  | X         |   |   |
| PECTINASTER MIXTUS       | 1         | 2 |   |
| TOSIA PARVA              |           | 1 |   |
| OPHIOMYXA FLACCIDA       |           |   | 1 |
| ASTEROSHEMA SP. B        |           | 1 |   |
| ASTEROPORPA ANNULATA     |           |   | 2 |
| OPHIURA SP.              |           | 1 |   |
| OPHIOMUSIUM SP. A        | 2         | 1 | 3 |
| OPHIOLEPIS SP. B         |           | 1 | 4 |
| OPHIOPLAX SP. B          |           |   | 1 |
| OPHIOPLAX SP. A          |           | 1 | 3 |
| OPHIACANTHELLA TROSCHELI | 3         |   |   |
| HENIEURYALIDAE           |           |   | 1 |
| OPHIOTHRIX ANGULATA      |           | 2 |   |
| OPHIOTHRIX SUENSONII     | 1         |   |   |
| STYLOCIDARIS AFFINIS     | 4         | 3 | 2 |
| COELOPLEURUS FLORIDANUS  | 1         |   |   |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF TRIANGLE DREDGE DATABASE (TDS)  
 LIVE BOTTOM STATIONS -- WINTER CRUISE, STATION 38.

| TAXON                      | REPLICATE |    |    |
|----------------------------|-----------|----|----|
|                            | A         | B  | C  |
| LYTECHINUS EUERGES         | 1         |    |    |
| ECHINOLAMPAS DEPRESSA      | 1         |    | 1  |
| PSEUDOCOLOCHEIRUS MYSTICUS |           | 1  |    |
| COMACTINIA MERIDIONALIS    | 4         | 5  | 3  |
| LEPTONEMASTER VENUSTUS     | 27        | 4  | 3  |
| NEOCOMATELLA PULCHELLA     | 26        | 17 | 13 |
| CRINOMETRA BREVIPINNA      | 6         | 9  | 6  |
| ANTIGONIA CAPROS           | 1         |    |    |
| PONTINUS RATHBUNI          | 1         | 1  | 1  |

NOTE: "X" DENOTES THAT TAXON WAS PRESENT, BUT NOT COUNTED.



APPENDIX C.3

LIVE BOTTOM QUANTITATIVE SLIDE ANALYSIS DATA

NOTE:

The following tables present summaries of quantitative slide analysis data obtained at each live bottom station during each cruise. Numbers listed for each taxon, by station, represent values of mean percent cover for that taxon.

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF QUANTITATIVE SLIDE ANALYSIS DATABASE (QSA),  
 MEAN PERCENT COVER, LIVE BOTTOM STATIONS.  
 PART 1A: FALL CRUISE, STATIONS 01-15.

| TAXON                      | STATION |      |      |      |      |      |      |      |  |
|----------------------------|---------|------|------|------|------|------|------|------|--|
|                            | 01      | 03   | 07   | 09   | 10   | 11   | 13   | 15   |  |
| CHLOROPHYCOPHYTA           | 8.77    | .14  | .61  | 1.74 | 1.45 | 2.71 | .57  |      |  |
| CAULERPA SP.               |         | .47  |      | .07  | .07  |      | 2.32 |      |  |
| HALIMEDA SP.               |         | 1.44 | .21  | 9.43 | 1.29 |      | .30  | 2.18 |  |
| UDOTEA SP.                 | 1.12    |      |      | .89  |      |      |      |      |  |
| PHAEOPHYCOPHYTA            | 6.10    |      |      | 1.79 | .07  | .33  | 5.85 |      |  |
| RHODOPHYCOPHYTA            |         |      |      | .27  | 1.22 | 3.17 | .40  | .22  |  |
| CRYPTONEMIALES             | .04     | .14  |      | .84  | 2.10 | 2.01 | .05  | .67  |  |
| PEYSSONNELIA RUBRA         |         |      |      |      | .95  | 1.00 |      |      |  |
| PEYSSONNELIA SIMULANS      |         |      |      | .03  | 1.61 | 1.78 |      |      |  |
| CRYPTONEMIACEAE            |         |      | 3.21 |      |      |      |      |      |  |
| PORIFERA                   | .38     | 1.06 | 1.89 |      | .42  | .19  | .38  | 2.96 |  |
| CALCAREA                   | .07     | 1.06 | 2.29 | .09  | 1.18 | 1.17 |      | .10  |  |
| HIPPOSPONGIA LACHNE        |         |      |      |      |      |      | .17  | 1.43 |  |
| IRCINIA CAMPANA            |         | .11  |      |      |      |      |      | 1.44 |  |
| IRCINIA FELIX              |         |      |      |      |      |      |      | .07  |  |
| IRCINIA SPP.               |         | .69  |      |      |      | .04  |      | .31  |  |
| IRCINIA ? STROBILINA       |         |      |      |      |      |      |      | .01  |  |
| CHELONAPLYSILLA SP.        |         |      | .21  |      |      |      |      |      |  |
| HALICLONIDAE               |         |      | .04  |      |      |      | .24  | 1.14 |  |
| HALICLONA COMPRESSA        |         |      |      |      |      |      | .16  |      |  |
| HALICLONA SPP.             |         |      |      |      |      |      | .08  |      |  |
| CALLYSPONGIA SP.           |         |      |      |      |      |      |      | .01  |  |
| XESTOSPONGIA SP.           |         |      |      |      | .01  |      |      | .05  |  |
| MICROCIONA SPP.            |         |      |      |      |      |      | .04  |      |  |
| BUBARIDAE                  |         |      |      |      |      |      |      | .02  |  |
| SPIRASTRELLA SP.           |         |      |      |      |      |      | .16  | .25  |  |
| SPHECIOSPONGIA VESPARIUM   |         |      |      |      |      |      |      | .25  |  |
| ANTHOSIGMELLA SPP.         |         |      |      |      |      |      | .01  | .01  |  |
| PLACOSPONGIA MELOBESIOIDES |         | 1.28 | 2.29 |      | .04  |      | .06  | 2.61 |  |
| CLIONA CELATA              |         |      |      |      |      |      |      | .08  |  |
| EPIPOLASIS SPP.            |         |      |      |      | .14  |      |      |      |  |
| GEODIA SP.                 |         |      |      |      | .18  | .01  |      |      |  |
| GEODIA GIBBEROSA           |         |      |      |      |      |      | .02  | 1.45 |  |
| ERYLUS SPP.                |         |      |      |      |      |      | .30  | .05  |  |
| CINACHYRA SPP.             | .23     | .58  | 1.07 |      | .10  | .14  | .24  | 1.17 |  |
| DEMOSPONGEA-LITHISTIDA     |         |      |      |      |      | .01  |      | .42  |  |
| AXINELLIDAE                |         |      |      |      |      |      | .30  | .16  |  |
| AXINELLA BOOKHOUTI         |         |      |      |      |      |      |      | .06  |  |
| AXINELLA SPP.              |         |      | .04  |      |      |      | .44  | .39  |  |
| PSEUDAXINELLA SP.          |         |      | .14  |      | .02  | .01  |      | .17  |  |
| TEICHAXINELLA SHOEMAKERI   |         |      | .07  |      |      |      |      |      |  |
| PHAKELLIA SP.              |         |      |      | .02  | .01  |      |      |      |  |
| HYDROZOA                   |         |      |      |      |      | .01  | .24  |      |  |
| HYDROZOA-HYDROIDA          |         | .25  |      |      |      |      | .04  |      |  |
| OCTOCORALLIA-GORGONACEA    | .34     |      |      |      | .08  |      | 5.77 |      |  |
| ANTHOZOA-ZOANTHARIA        |         |      | .04  | .01  |      |      |      | .03  |  |

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF QUANTITATIVE SLIDE ANALYSIS DATABASE (QSA),  
 MEAN PERCENT COVER, LIVE BOTTOM STATIONS.  
 PART 1A: FALL CRUISE, STATIONS 01-15.

| TAXON                            | STATION |       |       |       |       |       |       |       |
|----------------------------------|---------|-------|-------|-------|-------|-------|-------|-------|
|                                  | 01      | 03    | 07    | 09    | 10    | 11    | 13    | 15    |
| UNIDENTIFIED HARD CORAL (DEAD)   |         |       | .07   |       |       | .05   | .11   | .31   |
| ACTINIARIA-THENARIA              |         |       |       | .06   | .01   |       |       | .02   |
| AGARICIA SP.                     |         |       |       |       |       |       |       | .36   |
| SIDERASTREA SP.                  | .07     |       |       |       |       |       | .07   | .24   |
| MANICINA SP.                     |         |       |       |       |       |       |       | .04   |
| OCULINA SP.                      |         |       |       |       |       |       |       | .07   |
| SCOLYMIA LACERA                  |         |       | .04   |       |       |       | .10   | .28   |
| ISOPHYLLIA SP.                   |         |       |       |       |       |       |       | .02   |
| MYCETOPHYLLIA SP.                |         |       | .43   |       |       |       |       |       |
| ARTHROPODA-MANDIBULATA-CRUSTACEA |         |       |       |       | .02   |       |       |       |
| DIPLOSTRACA-CLADOCERA            |         |       | 1.43  |       |       |       |       |       |
| PLEOCYEMATA-ANOMURA              |         |       |       |       |       |       |       | .02   |
| GALATHEIDAE                      | .04     |       |       |       | .19   |       |       |       |
| PLEOCYEMATA-BRACHYURA            | .08     |       |       |       | .01   | .01   |       |       |
| MITHRAX SP.                      |         |       |       |       |       |       |       | .01   |
| STENORHYNCHUS SETICORNIS         |         |       |       |       | .01   |       |       |       |
| GYMNOLAEMATA-CHEILOSTOMATA       |         |       |       | .83   |       |       |       |       |
| STELLEROIDEA                     | .05     |       |       |       |       | .53   |       |       |
| ASTERIOIDEA                      |         |       |       |       | .01   |       |       |       |
| OREASTER RETICULATUS             |         |       |       |       |       |       | .10   |       |
| OPHIUROIDEA                      | .01     |       |       |       |       | .03   |       |       |
| GORGONOCEPHALIDAE                |         |       |       |       |       |       | .01   |       |
| ECHINOIDEA                       |         |       | .39   | .01   |       |       |       |       |
| ECHINOIDEA-CLYPEASTEROIDA        |         |       |       |       |       |       | .02   |       |
| CLYPEASTERIDAE                   |         |       |       | .14   |       |       |       |       |
| CLYPEASTER SP.                   |         |       |       |       |       |       | .02   |       |
| HOLOTHUROIDEA                    |         |       |       | .02   |       |       |       |       |
| CHORDATA-UROCHORDATA             |         | .25   | .11   |       |       |       |       | .07   |
| DIDEMNUM CANDIDUM                |         |       | .32   |       |       |       |       |       |
| OSTEICHTHYES                     | .03     |       |       |       | .03   | .02   | .11   |       |
| MURAENIDAE                       | .04     |       |       |       |       |       |       |       |
| GYMNOTHORAX SP.                  |         |       |       |       | .04   |       |       |       |
| SAND                             | 68.05   | 86.11 | 58.82 | 23.34 | 16.06 | 33.73 | 70.82 | 65.35 |
| RUBBLE                           |         | .81   |       |       |       |       |       |       |
| SHELL RUBBLE                     | 15.75   | .39   | 18.71 | .18   | 2.34  | .99   | 8.66  | 13.61 |
| ALGAL RUBBLE                     | .82     | 5.33  | .07   | 60.21 | 65.70 | 49.20 |       |       |
| ROCK                             |         | .06   | 7.50  | .03   | 4.64  | 2.78  | 1.83  | 1.89  |

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF QUANTITATIVE SLIDE ANALYSIS DATABASE (QSA),  
MEAN PERCENT COVER, LIVE BOTTOM STATIONS.  
PART 1B: FALL CRUISE, STATIONS 17-30.

| TAXON                      | STATION |      |      |      |      |       |       |
|----------------------------|---------|------|------|------|------|-------|-------|
|                            | 17      | 19   | 21   | 23   | 27   | 29    | 30    |
| CHLOROPHYCOPHYTA           | 1.12    |      | 1.10 | 3.35 | .68  | .91   | .33   |
| CAULERPA SP.               | 3.14    | 3.05 | .51  |      | .29  |       |       |
| HALIMEDA SP.               | 4.57    |      | .06  | 2.42 | .87  |       |       |
| UDOTEA SP.                 |         | .06  |      |      |      |       |       |
| ANADYOMENE MENZIESII       |         |      |      | 5.80 |      | 36.18 | 8.64  |
| PHAEOPHYCOPHYTA            |         | .72  | 1.68 |      |      |       | .10   |
| RHODOPHYCOPHYTA            | 1.52    | .14  | .02  | 1.01 |      |       |       |
| CRYPTONEMIALES             |         |      | .11  | 5.73 | .84  | 6.95  | 18.16 |
| PEYSSONNELIA RUBRA         |         |      |      | 3.67 |      |       |       |
| PEYSSONNELIA SIMULANS      |         |      |      | 8.03 |      | 8.81  | 14.22 |
| PORIFERA                   | .83     | 4.70 | 3.08 | .06  | 1.52 | .17   | .70   |
| CALCAREA                   | 1.00    | .36  | 3.33 | 4.32 | .90  | .53   | 3.19  |
| IRCINIA FELIX              |         |      | .09  |      |      |       |       |
| IRCINIA SPP.               |         |      | .41  |      |      |       |       |
| IRCINIA ? STROBILINA       |         | 1.25 |      |      | .23  |       |       |
| DEMOSPONGEA-HAPLOSCLERIDA  |         |      |      |      | .10  |       |       |
| HALICLONIDAE               |         |      | 1.35 |      |      |       |       |
| XESTOSPONGIA SP.           |         |      |      |      |      |       | .07   |
| BUBARIDAE                  |         | .06  | .24  |      | .58  |       |       |
| PLACOSPONGIA MELOBESIOIDES |         | .14  | 1.83 |      | .55  |       |       |
| TETHYIDAE                  |         |      | .22  |      | .06  |       |       |
| EPIPOLASIS SPP.            |         |      | .10  |      |      |       |       |
| GEODIA SP.                 |         |      |      |      | .16  |       | .08   |
| GEODIA GIBBEROSA           |         | 7.78 | .78  |      |      |       |       |
| CINACHYRA SPP.             |         | .06  | 1.17 |      | .06  |       |       |
| AXINELLA SPP.              |         | .05  |      |      |      | .02   |       |
| DESMOXYIDAE                |         |      |      |      | .06  |       |       |
| HYDROZOA-HYDROIDA          |         |      | 1.11 |      | .16  | .01   | 1.79  |
| OCTOCORALLIA-GORGONACEA    |         | .69  |      |      | .10  |       | .02   |
| ACTINIARIA-THENARIA        |         | .13  |      | .05  |      | .05   |       |
| MADRACIS SP.               |         |      |      | .17  |      | .49   | .43   |
| MADRACIS DECACTIS          |         |      |      |      |      | .44   |       |
| AGARICIA SP.               |         |      |      |      |      | 9.22  |       |
| MANICINA SP.               |         |      |      |      | .06  | .09   |       |
| OCULINA SP.                |         |      |      |      | .13  |       |       |
| SCOLYMIA LACERA            |         |      | .02  |      |      | .01   |       |
| PALINURIDAE                |         |      |      |      |      | .02   |       |
| GALATHEIDAE                | .02     |      |      |      |      | .04   |       |
| STENORHYNCHUS SETICORNIS   |         | .11  | .02  |      |      |       |       |
| GYMNOLAEMATA-CHEILOSTOMATA | 3.57    |      |      |      |      |       |       |
| STELLEROIDEA               | .19     |      |      |      | .06  |       | .04   |
| OPHIUROIDEA                |         |      |      | .01  |      |       |       |
| ASTEROPHYTON MURICATUM     |         |      | .40  |      |      |       |       |
| STICHOPODIDAE              |         | .17  |      |      |      |       |       |
| CRINOIDEA                  |         |      |      |      |      | .39   |       |
| CHORDATA-UROCHORDATA       |         |      |      |      |      | .04   |       |

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF QUANTITATIVE SLIDE ANALYSIS DATABASE (QSA),  
 MEAN PERCENT COVER, LIVE BOTTOM STATIONS.  
 PART 1B: FALL CRUISE, STATIONS 17-30.

| TAXON         | STATION |       |       |       |       |       |       |
|---------------|---------|-------|-------|-------|-------|-------|-------|
|               | 17      | 19    | 21    | 23    | 27    | 29    | 30    |
| CLAVELINA SP. |         |       | .27   |       |       |       |       |
| OSTEICHTHYES  | .10     |       |       | .02   |       | .18   | .01   |
| SAND          | 79.81   | 74.77 | 78.98 | 17.04 | 80.55 |       | 10.22 |
| RUBBLE        |         |       | 5.13  | 48.29 | .48   |       |       |
| SHELL RUBBLE  |         | 5.75  |       |       | 1.55  |       |       |
| ALGAL RUBBLE  | 4.12    |       |       | .01   |       | .20   |       |
| REEF ROCK     |         |       |       |       |       | 35.27 | 42.00 |

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF QUANTITATIVE SLIDE ANALYSIS DATABASE (QSA),  
 MEAN PERCENT COVER, LIVE BOTTOM STATIONS.  
 PART 2A: SPRING CRUISE, STATIONS 01-15.

| TAXON                      | STATION |      |      |      |      |      |      |      |
|----------------------------|---------|------|------|------|------|------|------|------|
|                            | 01      | 03   | 07   | 09   | 10   | 11   | 13   | 15   |
| CHLOROPHYCOPHYTA           | .70     | .72  |      | .26  | .07  |      | .24  | .04  |
| CAULERPALES                |         | .21  |      |      |      |      |      |      |
| CAULERPA SP.               |         |      |      | .02  | .11  |      |      |      |
| HALIMEDA SP.               |         | .04  |      | 3.89 | .75  | .18  |      |      |
| UDOTEA SP.                 | .06     | .16  |      | .16  |      |      | .11  | .29  |
| PHAEOPHYCOPHYTA            | 15.17   | 3.50 | 2.64 | 5.70 | 7.20 |      | .80  | .35  |
| RHODOPHYCOPHYTA            |         | .96  |      | .22  | .18  |      |      | 2.25 |
| CRYPTONEMIALES             | .37     | .54  |      | .87  | 1.34 | .01  | .01  |      |
| PEYSSONNELIA RUBRA         |         |      |      |      | 2.18 | .86  |      |      |
| PEYSSONNELIA SIMULANS      |         |      |      | .03  | 2.34 | 3.28 |      |      |
| PORIFERA                   | .47     | 1.19 | 1.45 | .31  | 2.38 | .79  | 6.00 | 4.09 |
| CALCAREA                   | .56     | 3.15 | 2.20 | 1.49 | 3.51 | .55  | .64  | 2.08 |
| HIPPOSPONGIA LACHNE        |         | .32  |      |      |      |      | .26  |      |
| IRGINIA CAMPANA            |         |      |      |      | .11  |      |      | 1.29 |
| IRGINIA SPP.               |         |      |      |      |      |      |      | .93  |
| IRGINIA ? STROBILINA       |         |      |      |      |      |      | .42  |      |
| DEMOSPONGEA-HAPLOSCLERIDA  |         |      |      |      |      |      | .75  |      |
| HALICLONIDAE               |         |      |      |      |      | .03  |      |      |
| HALICLONA SPP.             | .13     |      | .05  |      |      |      |      | 1.11 |
| SPINOSSELLA PLICIFERA      |         |      |      | .02  | .22  |      |      |      |
| ADOCIIDAE                  |         |      |      |      |      |      |      | .02  |
| XESTOSPONGIA SP.           |         |      |      |      |      |      | .23  | .05  |
| MICROCIONA SPP.            |         |      |      |      |      | .14  |      |      |
| BUBARIS SPP.               |         |      |      | .09  |      |      |      |      |
| HALICHONDRIA ? MELANADOCIA |         |      |      |      |      |      | .07  |      |
| SPHECIOSPONGIA VESPARIUM   |         | .31  |      |      |      |      |      | .76  |
| TERPIOS SP.                | .02     | .12  | .05  |      |      |      |      |      |
| PLACOSPONGIA SP.           |         |      |      |      | .10  |      |      | 2.39 |
| PLACOSPONGIA MELOBESIOIDES |         | 2.00 |      |      |      |      |      |      |
| CLIONA CELATA              |         |      |      |      |      |      |      | .21  |
| EPIPOLASIS SPP.            |         | .03  |      |      |      | .03  |      |      |
| GEODIA SP.                 | .03     | .04  | .09  |      | .34  |      |      |      |
| GEODIA GIBBEROSA           |         |      |      |      |      | .11  | 1.60 | 1.21 |
| ERYLUS SPP.                |         |      |      |      |      | .05  |      |      |
| CINACHYRA SPP.             | 1.26    | .59  | 1.20 |      | .67  | .01  | .29  | 1.19 |
| AXINELLA SPP.              |         |      |      |      |      |      | .13  | .20  |
| PSEUDAXINELLA SP.          | .03     |      |      |      | .09  |      |      | .14  |
| TEICHAXINELLA SP.          |         |      |      |      |      |      |      | .16  |
| TEICHAXINELLA SHOEMAKERI   |         |      |      |      |      | .07  |      |      |
| PHAKELLIA SP.              | .03     |      |      |      | .03  |      |      |      |
| HYDROZOA                   |         |      |      |      |      | .72  | 8.10 |      |
| HYDROZOA-HYDROIDA          |         |      |      |      | .10  |      |      |      |
| CIRRHIPATHES SP.           |         |      |      |      |      | .04  |      |      |
| OCTOCORALLIA-GORGONACEA    |         | .31  |      |      | .10  | .13  | 1.66 |      |
| ACTINIARIA-THENARIA        |         |      |      | .06  |      | .02  |      |      |
| MADRACIS DECACTIS          | .13     |      |      |      |      |      |      |      |

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TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF QUANTITATIVE SLIDE ANALYSIS DATABASE (QSA),  
 MEAN PERCENT COVER, LIVE BOTTOM STATIONS.  
 PART 2A: SPRING CRUISE, STATIONS 01-15.

| TAXON                      | STATION<br>01 | 03    | 07    | 09    | 10    | 11    | 13    | 15    |
|----------------------------|---------------|-------|-------|-------|-------|-------|-------|-------|
| AGARICIA SP.               |               |       |       |       |       |       |       | .11   |
| SIDERASTREA SP.            |               |       |       |       |       |       | .13   | .17   |
| OCULINA SP.                | .94           |       |       |       |       |       | .06   | .21   |
| SCOLYMIA LACERA            |               |       | .23   |       |       |       |       | .22   |
| POLYCHAETA                 |               | .12   |       | .07   | .03   |       |       |       |
| FILOGRANA SP.              |               |       |       |       |       | .03   |       | .01   |
| CASSIS SP.                 |               |       | .14   |       |       |       |       |       |
| OCTOPUS SP.                |               |       | .09   |       |       |       |       |       |
| PLEOCYEMATA-CARIDEA        |               |       |       | .03   |       |       |       |       |
| SCYLLARIDES AEQUINOCTIALIS |               | .06   |       |       |       |       |       |       |
| GALATHEIDAE                |               |       | .04   | .02   |       |       |       |       |
| PLEOCYEMATA-BRACHYURA      |               | .03   |       |       |       |       |       |       |
| STENORHYNCHUS SETICORNIS   |               |       |       |       |       |       | .02   |       |
| ECTOPROCTA                 |               |       |       | .69   |       |       |       |       |
| ECHINODERMATA              |               |       | .13   |       |       |       |       |       |
| STELLEROIDEA               |               | .12   |       |       | .04   |       |       |       |
| ASTERIOIDEA                | .06           |       |       |       |       |       |       |       |
| OREASTER RETICULATUS       |               |       |       |       |       |       | .03   |       |
| OPHIDIASTERIDAE            |               |       |       |       |       | .02   |       |       |
| NARCISSIA TRIGONARIA       |               | .10   |       |       |       |       |       |       |
| PORANIIDAE                 |               |       |       |       |       | .03   |       |       |
| OPHIUROIDEA                |               |       |       | .19   |       |       | .17   |       |
| ASTEROPHYTON MURICATUM     |               |       |       |       |       |       | .11   |       |
| ECHINOIDEA                 |               | .04   |       |       |       |       | .06   | .01   |
| EUCIDARIS SP.              |               |       |       | .13   |       |       |       |       |
| HOLOTHUROIDEA              |               |       |       | .02   |       |       | .02   | .04   |
| CHORDATA-UROCHORDATA       |               | 1.54  |       |       | .12   | .02   |       | .02   |
| ASCIDIACEA                 |               |       |       |       |       | .01   |       |       |
| CLAVELINA GIGANTEA         |               | .24   | .04   | .06   | .15   | .04   |       | .20   |
| RAJIDAE                    |               |       | .20   |       |       |       |       |       |
| OSTEICHTHYES               | .03           | .13   | 7.11  | .04   | .06   |       | .10   |       |
| OGCOEPHALUS SP.            |               |       |       | .02   |       |       |       |       |
| EQUETUS LANCEOLATUS        |               |       |       |       |       |       | .03   |       |
| MONACANTHUS SP.            |               |       |       | .04   |       |       |       |       |
| SAND                       | 72.73         | 66.62 | 70.79 | 66.78 | 45.88 | 45.66 | 73.87 | 67.62 |
| RUBBLE                     | 7.27          | 16.81 | 12.25 | 18.59 | 30.08 | 46.70 | 4.09  | 12.60 |
| ROCK                       |               |       | 1.32  |       | 1.60  | .47   |       |       |



TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF QUANTITATIVE SLIDE ANALYSIS DATABASE (QSA),  
 MEAN PERCENT COVER, LIVE BOTTOM STATIONS.  
 PART 2B: SPRING CRUISE, STATIONS 17-30.

| TAXON                    | STATION<br>17 | 19    | 21    | 23    | 27    | 29    | 30    |
|--------------------------|---------------|-------|-------|-------|-------|-------|-------|
| OCULINA SP.              |               |       |       |       |       | .07   |       |
| SCOLYNIA LACERA          |               | .08   | .28   |       |       | .09   |       |
| FILOGRANA SP.            | .12           |       |       | .08   | .19   |       |       |
| SICYONIA SP.             |               |       |       |       | .04   |       |       |
| GALATHEIDAE              | .02           |       |       |       |       |       | .01   |
| PLEOCYEMATA-BRACHYURA    |               |       |       | .01   |       |       |       |
| MAJIDAE                  |               |       |       |       | .03   |       |       |
| STENORHYNCHUS SETICORNIS |               |       |       |       |       | .02   |       |
| ECTOPROCTA               | .95           |       |       |       | .02   |       |       |
| ASTERIODEA               | .15           |       |       |       |       |       |       |
| OREASTER RETICULATUS     |               | .18   |       |       |       |       |       |
| NARCISSIA TRIGONARIA     | .04           |       |       |       |       |       |       |
| PORANIIDAE               |               |       |       | .04   | .05   | .04   | .01   |
| ECHINASTER SP.           |               | .13   |       |       | .07   |       |       |
| OPHIUROIDEA              | .06           |       |       | .02   |       | .15   | .02   |
| ECHINOIDEA               | .08           |       |       |       | .02   |       | .01   |
| SPATANGIDAE              |               |       |       |       | .19   |       |       |
| HOLOTHUROIDEA            |               | .19   | .23   |       |       |       |       |
| CRINOIDEA                |               |       |       |       |       | .27   | .05   |
| CHORDATA-UROCHORDATA     |               |       |       |       | .18   |       |       |
| CLAVELINA GIGANTEA       | .05           | .04   | 1.07  | .06   | .50   | .09   | .12   |
| OSTEICHTHYES             | .02           | .03   | .08   | .04   | .12   | .24   | .07   |
| EQUETUS LANCEOLATUS      |               | .03   |       |       | .04   |       |       |
| MONACANTHUS SP.          | .09           |       |       |       | .02   |       |       |
| SAND                     | 82.02         | 82.82 | 74.68 | 26.06 | 77.81 | .68   | 11.26 |
| RUBBLE                   | 9.52          | 3.46  | 5.43  | 36.82 | 10.70 |       |       |
| REEF ROCK                |               |       |       |       |       | 19.72 | 37.90 |

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF QUANTITATIVE SLIDE ANALYSIS DATABASE (QSA),  
 MEAN PERCENT COVER, LIVE BOTTOM STATIONS.  
 PART 2B: SPRING CRUISE, STATIONS 17-30.

| TAXON                    | STATION<br>17 | 19   | 21   | 23   | 27   | 29    | 30    |
|--------------------------|---------------|------|------|------|------|-------|-------|
| CHLOROPHYCOPHYTA         | .36           | .03  | 2.58 | 1.20 | .46  | .04   | .40   |
| CAULERPA SP.             | .69           |      |      | .11  | 2.45 |       |       |
| HALIMEDA SP.             | .57           |      |      | 3.83 | .77  |       |       |
| UDOTEA SP.               |               |      | .08  |      | .01  |       |       |
| ANADYOMENE MENZIESII     |               |      |      | 7.28 |      | 34.34 | 5.98  |
| VALONIA VENTRICOSA       |               |      |      |      |      | .10   |       |
| PHAEOPHYCOPHYTA          | 1.70          | .32  | .61  | .12  | .13  |       |       |
| RHODOPHYCOPHYTA          |               |      | 2.64 | .06  | .03  |       |       |
| CRYPTONEMIALES           | .20           |      | .55  | 4.85 | .52  | 13.53 | 22.57 |
| PEYSSONNELIA RUBRA       |               |      |      | 8.04 |      |       |       |
| PEYSSONNELIA SIMULANS    |               |      | .02  | 9.36 | .04  | 13.86 | 15.74 |
| PORIFERA                 | 1.55          | .93  | 4.97 | 3.63 | 3.74 | 2.65  | 3.89  |
| CALCAREA                 | 1.41          |      | .48  |      |      | .18   |       |
| HIPPOSPONGIA SP.         |               |      | .15  |      |      |       |       |
| HIPPOSPONGIA LACHNE      |               | .23  |      |      |      |       |       |
| IRGINIA CAMPANA          |               |      | .13  |      |      |       |       |
| IRGINIA SPP.             |               |      |      |      | .02  |       |       |
| HALICLONA SPP.           |               | .50  | .58  |      |      |       |       |
| XESTOSPONGIA SP.         |               | .48  |      |      |      | .04   |       |
| CRIBROCHALINA SP.        |               |      |      |      |      | .02   |       |
| BUBARIS SPP.             | .03           |      | .22  | .05  |      |       |       |
| SPHECIOSPONGIA VESPARIUM |               | .85  |      |      | .18  |       |       |
| ANTHOSIGMELLA VARIANS    |               |      |      |      | .14  |       |       |
| PLACOSPONGIA SP.         |               | .02  | 3.38 |      | .92  |       |       |
| TETHYA SP.               |               |      | .26  |      |      | .18   |       |
| EPIPOLASIS SPP.          |               | .60  | .22  |      |      |       |       |
| GEODIA SP.               | .04           |      |      |      | .15  |       |       |
| GEODIA GIBBEROSA         |               | 7.01 | .35  |      |      |       |       |
| ERYLUS SPP.              |               |      | .04  |      |      |       |       |
| CINACHYRA SPP.           |               | .29  | .75  |      | .36  |       |       |
| AXINELLA SPP.            |               | .28  | .05  |      |      |       |       |
| PSEUDAXINELLA SP.        |               |      |      |      |      |       | .04   |
| PSEUDAXINELLA LUNAECARTA |               |      | .07  |      |      |       |       |
| TEICHAXINELLA SP.        |               |      |      |      |      |       | .04   |
| TEICHAXINELLA SHOEMAKERI |               |      |      |      | .03  |       |       |
| HYDROZOA                 |               | .08  |      |      |      |       |       |
| HYDROZOA-HYDROIDA        | .20           | .08  | .05  | .23  |      | .04   | .24   |
| ANTHOZOA-OCTOCORALLIA    |               |      |      |      |      |       | .02   |
| OCTOCORALLIA-GORGONACEA  | .03           | 1.35 |      |      |      |       | 1.08  |
| ACTINIARIA-THENARIA      | .10           |      |      |      | .07  |       |       |
| MADRACIS SP.             |               |      |      | .12  |      | .86   | .46   |
| MADRACIS DECACTIS        |               | .05  |      |      |      | .16   |       |
| AGARICIA SP.             |               |      |      |      |      | 12.41 | .09   |
| SIDERASTREA SP.          |               |      | .03  |      |      |       |       |
| MANICINA SP.             |               |      |      |      |      | .14   |       |
| MONTASTREA SP.           |               |      |      |      |      | .08   |       |

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF QUANTITATIVE SLIDE ANALYSIS DATABASE (QSA),  
 MEAN PERCENT COVER, LIVE BOTTOM STATIONS.  
 PART 3A: SUMMER CRUISE, STATIONS 01-21.

| TAXON                               | STATION<br>01 | 03   | 07   | 09   | 11    | 13    | 15    | 21    |
|-------------------------------------|---------------|------|------|------|-------|-------|-------|-------|
| CYANOPHYTA                          |               | 1.33 | 2.71 | .11  |       | 45.82 | 1.07  | .20   |
| CHLOROPHYCOPHYTA                    | 8.59          | 2.02 | 2.08 | 3.89 | 14.20 | 6.15  | 17.78 | 15.57 |
| CODIUM SP.                          | .08           |      |      |      |       |       |       |       |
| CAULERPA SP.                        | .04           | .55  | .02  | .04  |       | .12   | .02   |       |
| AVRAINVILLEA SP.                    | .08           |      | .01  |      |       |       | .24   |       |
| HALIMEDA SP.                        | .12           | .32  | .14  | 4.30 | .17   | .03   | .04   | .13   |
| UDOTEA SP.                          | .87           | .52  | .03  | .20  |       | .49   | .41   |       |
| STRUVEA PULCHERRIMA                 |               | .37  |      | .22  |       |       |       |       |
| CYSTODICTYON PAVONIUM               |               | .31  |      |      |       |       |       | 2.03  |
| PHAEOPHYCOPHYTA                     | .15           |      |      |      |       |       |       |       |
| DICTYOTA SP.                        | .04           | .04  |      | .55  | .66   |       |       | .03   |
| SARGASSUM SP.                       |               |      |      |      |       |       |       | .67   |
| SARGASSUM VULGARE                   |               |      | 2.26 |      |       |       |       |       |
| SPOROCHNUS SP.                      |               | .54  | .38  |      |       |       |       |       |
| ROSENVINGEA INTRICATA               | 1.74          |      | .05  |      |       |       | 1.97  |       |
| RHODOPHYCOPHYTA                     | 11.38         | 1.53 | 1.20 | 1.70 | 2.37  | 1.40  | 5.74  | 28.43 |
| GRACILARIA SP.                      | 1.43          | .85  | 1.20 | .29  | .61   | 1.08  | 7.81  | .42   |
| CRYPTONEMIALES                      | .95           |      |      |      | 1.21  |       |       |       |
| PEYSSONNELIA SP.                    |               |      | .07  | .48  |       |       | .04   |       |
| PEYSSONNELIA RUBRA                  |               | .24  |      |      | 3.37  |       |       | .02   |
| PEYSSONNELIA SIMULANS               |               |      |      |      | 1.44  |       |       |       |
| CORALLINACEAE                       |               | .77  | .25  |      |       |       |       |       |
| LITHOPHYLLUM SP.                    |               |      |      |      |       |       |       | .36   |
| LITHOTHAMNIUM SP.                   |               |      |      | 1.05 |       | .05   | .40   |       |
| GONIOLITHON SP.                     | .01           |      |      | .07  |       |       |       |       |
| CHRYSYMENIA SP.                     | .19           | 1.65 | 2.42 | 1.11 | 6.30  | .62   | 4.93  | 5.70  |
| PORIFERA                            |               | .01  |      |      |       |       |       |       |
| CLATHRINA CORIACEA                  |               | .06  |      |      |       |       |       |       |
| LEUCOSOLENIA SP.                    |               |      | .03  |      |       |       |       |       |
| DEMOSPONGEA-KERATOSA-DIOTYOCERATIDA |               |      |      |      |       |       | .19   |       |
| HIPPOSPONGIA LACHINE                |               |      |      |      |       |       | .34   |       |
| IRGINIA CAMPANA                     |               |      |      |      |       | .10   | .16   | .06   |
| IRGINIA STROBILINA                  |               |      |      |      |       | .06   | .01   | .05   |
| IRGINIA FELIX                       |               |      |      |      |       |       | .06   |       |
| APLYSINA SP.                        |               |      |      |      |       |       |       | .06   |
| APLYSINA LACUNOSA                   |               |      |      |      |       |       | .01   |       |
| APLYSINA FISTULARIS                 |               |      |      |      |       |       | .44   |       |
| AIOLOCHROIA CRASSA                  |               | .23  |      |      |       |       | .04   |       |
| DEMOSPONGEA-KERATOSA-DENDROCERATIDA |               |      |      |      |       |       |       | .05   |
| HALICLONA COMPRESSA                 |               |      |      |      |       | .04   | .52   |       |
| NIPHATES ERECTA                     |               | .03  |      |      |       |       | .18   | .06   |
| SIPHONODICTYON SIPHONUM             |               | .01  |      |      |       |       |       | .02   |
| MYCALE SP.                          |               |      |      |      |       |       |       | .04   |
| NEOFIBULARIA NOLITANGERE            |               |      |      |      |       |       | .74   | .05   |
| MICROCIONA SPP.                     |               |      |      | .01  |       |       | .02   |       |
| BUBARIS SPP.                        |               | .03  |      |      |       |       |       | .09   |

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TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
LISTING OF QUANTITATIVE SLIDE ANALYSIS DATABASE (QSA),  
MEAN PERCENT COVER, LIVE BOTTOM STATIONS.  
PART 3A: SUMMER CRUISE, STATIONS 01-21.

| TAXON                         | 01  | 03  | 07  | 09  | 11  | 13   | 15   | 21  |
|-------------------------------|-----|-----|-----|-----|-----|------|------|-----|
| SPIRASTRELLA COCCINEA         |     |     |     |     |     |      | .73  | .13 |
| SPHECIOSPONGIA VESPARIUM      |     | .16 |     |     |     | .63  | .82  | .14 |
| ANTHOSIGMELLA VARIANS         |     |     |     |     | .01 | .09  | .43  |     |
| ANTHOSIGMELLA SPP.            |     |     |     |     |     |      |      | .46 |
| PLACOSPONGIA MELOBESIOIDES    |     | .52 | .71 |     |     |      | 1.48 | .92 |
| CLIONA DELITRIX               |     |     |     |     |     |      |      | .03 |
| TETHYA ACTINIA                |     |     |     | .01 | .02 | .01  |      | .06 |
| EPIPOLASIS SPP.               |     |     |     |     |     |      |      | .03 |
| JASPIS SPP.                   |     |     |     |     |     |      |      | .20 |
| GEODIA NEPTUNI                |     |     |     |     | .05 |      |      |     |
| GEODIA GIBBEROSA              |     |     |     |     |     | .02  | .80  | .28 |
| ERYLUS SPP.                   |     |     |     |     |     |      |      | .10 |
| CINACHYRA SPP.                | .14 | .04 | .32 |     |     |      |      |     |
| CINACHYRA ALLOCLADA           |     |     |     |     | .13 | .07  | .18  | .14 |
| CHONDRILLA NUCULA             |     | .03 |     |     | .01 | .02  | .01  | .11 |
| AXINELLIDAE                   | .13 |     | .04 |     |     |      |      | .21 |
| AXINELLA BOOKHOUTI            |     |     | .05 |     |     |      |      |     |
| AXINELLA SPP.                 |     | .01 |     | .07 |     | .02  |      | .14 |
| HOMAXINELLA WALTONSMITHI      |     |     |     |     |     |      | .02  |     |
| PSEUDAXINELLA SP.             |     |     | .04 |     |     |      |      |     |
| PSEUDAXINELLA LUNAECARTA      |     | .04 |     |     |     |      | .07  | .06 |
| PSEUDAXINELLA ROSACEA         |     |     |     |     |     |      |      | .01 |
| PHAKELLIA SP.                 |     |     | .01 |     |     |      | .09  |     |
| HIGGINSIA SP.                 | .05 |     | .30 |     |     |      |      |     |
| HYDROZOA                      |     | .12 |     | .05 | .16 | .05  |      | .04 |
| ANTHOZOA-OCTOCORALLIA         |     |     |     |     |     | .04  |      |     |
| OCTOCORALLIA-ALCYONACEA       |     |     |     |     | .07 |      |      |     |
| PLEXAURIDAE                   |     |     |     |     |     | .53  |      |     |
| GORGONIIDAE                   |     |     |     |     |     | 2.30 |      |     |
| ELLISELLIDAE                  |     | .13 |     |     |     |      |      |     |
| ELLISELLA BARBADENSIS         |     |     |     |     | .04 |      |      |     |
| UNIDENTIFIED HARD CORAL(LIVE) | .10 |     |     |     |     |      |      |     |
| ANEMONE SP.                   | .04 |     |     | .01 |     |      |      |     |
| ZOANTHARIA-SCLERACTINIA       |     | .02 | .02 |     |     |      | .27  | .06 |
| STEPHANOCOENIA SP.            |     |     | .09 |     |     |      |      |     |
| AGARICIA SP.                  |     |     |     |     |     |      | .02  |     |
| SIDERASTREA SP.               | .03 |     |     |     |     | .02  |      |     |
| FAVIA GRAVIDA                 |     |     |     |     |     |      | .04  |     |
| MANICINA AREOLATA             |     |     | .06 |     |     |      |      |     |
| CLADOCORA ARBUSCULA           | .35 |     | .92 |     |     | .05  | .22  |     |
| SOLENASTREA HYADES            |     |     |     |     |     | .05  | .03  |     |
| SCOLYMIA LACERA               |     |     | .21 |     |     |      | .35  | .06 |
| ISOPHYLLIA SP.                |     |     | .02 |     |     |      |      |     |
| POLYCHAETA                    | .32 |     |     | .05 | .03 |      |      | .04 |
| STROMBUS SP.                  |     |     |     |     |     |      | .01  |     |
| TRIVIA SP.                    |     |     |     |     |     | .01  |      |     |

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF QUANTITATIVE SLIDE ANALYSIS DATABASE (QSA),  
 MEAN PERCENT COVER, LIVE BOTTOM STATIONS.  
 PART 3A: SUMMER CRUISE, STATIONS 01-21.

| TAXON                            | STATION | 01    | 03    | 07    | 09    | 11    | 13    | 15    | 21    |
|----------------------------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|
| GASTROPODA EGGS                  |         | .01   | .11   | .01   |       | .05   |       |       |       |
| BIVALVIA                         |         |       | .01   | .03   |       |       |       |       |       |
| ARTHROPODA-MANDIBULATA-CRUSTACEA |         |       |       |       | .13   |       |       |       | .01   |
| EUCARIDA-DECAPODA                |         |       |       |       |       | .01   |       |       |       |
| SCYLLARUS SP.                    |         |       |       | .01   |       |       |       |       |       |
| GALATHEIDAE                      |         |       | .10   |       | 1.07  |       |       |       |       |
| MUNIDA SP.                       |         |       |       |       |       | .02   |       |       |       |
| STENORHYNCHUS SP.                |         |       |       |       |       |       |       | .02   |       |
| STENORHYNCHUS SETICORNIS         |         |       | .01   |       |       |       |       |       |       |
| PORTUNUS SP.                     |         |       | .01   |       |       |       |       |       |       |
| PALICUS SP.                      |         |       | .01   |       |       |       |       |       |       |
| ECTOPROCTA                       |         | .02   | .07   | .01   | 1.77  | .29   | .05   | .10   | .41   |
| STEGANOPORELLA MAGNILABRIS       |         |       | .08   |       | .17   |       |       |       | .02   |
| BUGULA SP.                       |         |       |       |       | .03   |       |       |       |       |
| BUGULA MERITINA                  |         |       | .71   |       |       |       |       |       |       |
| CUPULADRIA BIPOROSA              |         |       |       |       |       |       |       |       | .02   |
| STYLOPOMA SPONGITES              |         |       | .03   |       | .14   | .01   |       |       |       |
| HIPPOPORIDRA EDAX                |         |       |       | .02   |       |       |       |       |       |
| PARASMITTINA SP.                 |         |       |       |       | .19   |       |       |       |       |
| ENTALOPHORA SP.                  |         |       |       |       | .07   |       |       |       |       |
| ASTERIODEA                       |         | .03   | .05   |       |       |       |       |       |       |
| OREASTER RETICULATUS             |         |       |       |       |       |       | .08   | .01   |       |
| NARCISSIA TRIGONARIA             |         |       | .01   |       |       |       |       |       |       |
| ECHINASTER SP.                   |         |       |       | .02   |       |       |       |       |       |
| GORGONOCEPHALIDAE                |         |       |       |       |       |       | .10   |       |       |
| OPHIUROIDEA-OPHIURIDA            |         |       | .01   |       |       |       |       |       |       |
| OPHIURIDAE                       |         | .13   |       |       |       |       |       |       |       |
| ECHINOIDEA                       |         |       |       | .03   |       |       |       |       |       |
| EUCIDARIS TRIBULOIDES            |         |       |       |       | .03   |       |       |       |       |
| ARBACIA PUNCTULATA               |         |       | .02   |       | .02   |       |       |       |       |
| LYTECHINUS VARIEGATUS            |         |       |       | 1.30  |       |       |       |       |       |
| HOLOTHURIIDAE                    |         | .01   |       |       |       |       | .02   |       |       |
| ISOSTICHOPUS BADIONOTUS          |         |       |       |       |       |       |       | .04   | .01   |
| RHABDOPLEURA COMPACTA            |         |       | .01   |       |       |       |       |       |       |
| ASCIDIACEA                       |         | .01   | .60   | .04   |       | .02   | .05   | .26   | .35   |
| CLAVELINA SP.                    |         |       |       | .01   | .05   |       |       | .02   | .15   |
| DIDEMNUM CANDIDUM                |         | .04   | 3.99  | .45   | .79   | .08   | .04   | .14   | 1.29  |
| POLYANDROCARPA SP.               |         |       |       |       | .14   |       |       |       |       |
| OSTEICHTHYES                     |         |       |       | .01   |       | .02   |       | .01   | .02   |
| SYNODONTIDAE                     |         |       |       |       |       |       |       |       | .02   |
| DIPLECTRUM SP.                   |         |       |       |       | .02   |       |       |       |       |
| EQUETUS LANCEOLATUS              |         |       |       | .01   |       |       |       |       |       |
| HOLACANTHUS SP.                  |         |       |       | .02   |       |       |       |       |       |
| BOTHIDAE                         |         |       |       | .02   |       |       |       |       |       |
| LACTOPHRYS SP.                   |         |       |       | .05   |       |       |       |       |       |
| SAND                             |         | 60.25 | 62.51 | 69.93 | 48.73 | 25.37 | 37.84 | 44.63 | 38.82 |

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF QUANTITATIVE SLIDE ANALYSIS DATABASE (QSA),  
 MEAN PERCENT COVER, LIVE BOTTOM STATIONS.  
 PART 3A: SUMMER CRUISE, STATIONS 01-21.

| TAXON     | STATION<br>01 | 03    | 07    | 09    | 11    | 13   | 15   | 21   |
|-----------|---------------|-------|-------|-------|-------|------|------|------|
| RUBBLE    | 12.85         | 12.80 | 12.07 | 32.44 | 43.28 | 1.84 | 5.84 | 3.78 |
| ROCK      | .14           |       |       |       |       |      |      | .01  |
| REEF ROCK |               |       | .27   |       |       |      |      |      |

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF QUANTITATIVE SLIDE ANALYSIS DATABASE (QSA),  
 MEAN PERCENT COVER, LIVE BOTTOM STATIONS.  
 PART 3B: SUMMER CRUISE, STATIONS 23-39.

| TAXON                               | STATION |       |      |       |      |       |       |
|-------------------------------------|---------|-------|------|-------|------|-------|-------|
|                                     | 23      | 29    | 32   | 35    | 36   | 38    | 39    |
| CHLOROPHYCOPHYTA                    | 12.39   | 7.86  | .20  | 11.65 |      | 10.15 | 44.29 |
| HALIMEDA SP.                        | .56     | .01   |      |       |      |       |       |
| PALMELLACEAE N. SP.                 | .66     | .10   |      |       |      |       |       |
| ANADYOMENE MENZIESII                | 6.60    | 34.22 |      |       |      |       |       |
| DICTYOTA SP.                        | 3.00    | .37   |      |       |      |       |       |
| SARGASSUM SP.                       |         |       |      | .08   |      |       |       |
| RHODOPHYCOPHYTA                     | 11.58   |       |      | .33   |      | .02   |       |
| GRACILARIA SP.                      | .05     |       |      |       |      |       |       |
| CRYPTONEMIALES                      | 17.70   |       |      | .40   |      | .05   |       |
| PEYSSONNELIA RUBRA                  | 9.64    | 15.85 |      |       |      |       |       |
| PEYSSONNELIA SIMULANS               | 1.48    | 1.21  |      |       |      |       |       |
| CORALLINACEAE                       |         | 19.66 |      |       | .07  | .11   |       |
| PORIFERA                            | 4.19    | 1.49  | 6.58 | 6.63  | 3.93 | 1.92  | 9.61  |
| HEXACTINELLIDA-DICTYONINA           |         |       |      | .05   |      | .11   |       |
| DEMOSPONGEA-KERATOSA-DICTYOCERATIDA | .03     | .12   |      |       |      |       |       |
| SPINOSSELLA PLICIFERA               |         | .03   |      |       |      |       |       |
| SIPHONODICTYON SIPHONUM             |         |       |      | .02   |      |       |       |
| CRIBROCHALINA SP.                   |         | .15   |      |       |      |       |       |
| ? STOEBIA SP.                       |         |       |      |       |      | .02   |       |
| GEODIA NEPTUNI                      |         | .27   |      |       |      |       |       |
| ERYLUS SPP.                         |         | .22   |      |       |      |       |       |
| CHONDRILLA MUCULA                   |         | .01   |      |       |      |       |       |
| TETRACLADIDAE                       |         |       |      |       | .04  |       |       |
| HYDROZOA                            |         |       | .73  |       | .08  |       |       |
| STYLASTER SP.                       |         |       |      | .03   |      |       |       |
| ANTIPATHIDAE                        |         |       |      | .12   | .05  | .35   | .02   |
| ANTHOZOA-OCTOCORALLIA               | .06     |       |      |       |      | .51   |       |
| OCTOCORALLIA-ALCYONACEA             |         |       |      | 1.30  |      |       |       |
| SCLERACIS GUADALUPENSIS             |         |       |      | .11   |      | .05   |       |
| GORGONIIDAE                         |         |       |      |       | .37  |       | .05   |
| ELLISELLA BARBADENSIS               |         |       | .02  | .02   | .30  | .08   |       |
| UNIDENTIFIED HARD CORAL(LIVE)       |         | .16   |      |       |      | .01   |       |
| ANEMONE SP.                         |         | .01   |      |       | .03  | .03   |       |
| MADRACIS SP.                        |         | .22   |      |       |      |       |       |
| AGARICIA SP.                        |         | 6.42  |      |       |      |       |       |
| PORITES SP.                         |         | .58   |      |       |      |       |       |
| MANICINA AREOLATA                   |         | .08   |      |       |      |       |       |
| OCULINA SP.                         |         |       |      | .01   |      |       |       |
| MADREPORA CAROLINA                  |         |       |      |       |      | .07   | .03   |
| POLYCHAETA                          | .05     |       |      |       |      |       |       |
| ARTHROPODA-MANDIBULATA-CRUSTACEA    |         |       | .04  |       |      |       | .01   |
| EUCARIDA-DECAPODA                   |         |       | .02  |       |      |       |       |
| MUNIDA SP.                          |         |       | .01  |       | .01  |       |       |
| STENORHYNCHUS SP.                   | .01     |       |      |       |      |       |       |
| PARTHENOPE SP.                      |         |       | .05  |       |      |       |       |
| ECTOPROCTA                          |         | .03   | .07  | .01   |      | .07   | .02   |

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF QUANTITATIVE SLIDE ANALYSIS DATABASE (QSA),  
 MEAN PERCENT COVER, LIVE BOTTOM STATIONS.  
 PART 3B: SUMMER CRUISE, STATIONS 23-39.

| TAXON                      | STATION<br>23 | 29    | 32    | 35    | 38    | 38    | 39    |
|----------------------------|---------------|-------|-------|-------|-------|-------|-------|
| STEGANOPORELLA MAGNILABRIS |               |       | .02   |       |       |       |       |
| SERTELLA MARSUPIATA        |               |       |       | .07   |       |       | .04   |
| GONIASTERIDAE              | .02           |       |       |       |       |       |       |
| GONIASTER TESSELLATUS      |               |       |       |       |       |       | .01   |
| OPHIUROIDEA                |               | .06   |       | .02   | .01   |       |       |
| ASTEROSHEMA SP.            |               |       |       |       | .06   |       |       |
| ASTEROPORPA ANNULATA       |               |       |       |       | .01   |       |       |
| ASTEROPHYTON MURICATUM     |               |       |       |       | .12   |       |       |
| OPHIODERMA SP.             |               |       |       |       | .05   |       |       |
| ECHINOIDEA                 |               |       |       |       | .03   |       |       |
| STYLOCIDARIS AFFINIS       |               |       |       |       | .03   |       |       |
| ARBACIIDAE                 |               | .12   |       |       |       |       | .03   |
| ISOSTICHOPUS BADIONOTUS    |               |       |       | .06   |       |       |       |
| CRINOIDEA                  |               | .17   | 1.25  | .37   | 3.33  | 1.84  |       |
| ASCIDIACEA                 |               |       | .01   | .02   |       | .04   |       |
| CLAVELINA SP.              |               |       |       | .03   | .01   |       |       |
| DIDEMNUM CANDIDUM          |               | .01   | .01   | .09   |       |       | .03   |
| OSTEICHTHYES               | .03           | .06   |       | .01   | .05   | .01   | .01   |
| OPSANSUS PARDUS            |               | .02   |       |       |       |       |       |
| SAND                       | 12.13         | .07   | 49.82 | 21.46 | 78.92 | 41.45 | 17.77 |
| RUBBLE                     | 19.74         | 10.17 | 41.16 | 56.02 | 12.50 | 42.70 | 27.56 |
| ROCK                       | .15           |       |       | 1.10  |       | .36   | .57   |



TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF QUANTITATIVE SLIDE ANALYSIS DATABASE (QSA),  
 MEAN PERCENT COVER, LIVE BOTTOM STATIONS.  
 PART 4A: WINTER CRUISE, STATIONS 01-21.

| TAXON                      | 01   | 03   | 07   | 09   | 11    | 13   | 15   | 21   |
|----------------------------|------|------|------|------|-------|------|------|------|
| CHLOROPHYCOPHYTA           | .30  | .35  | .13  | 1.05 | .36   |      | .28  | 5.48 |
| CAULERPA SP.               |      |      |      | .18  |       |      |      |      |
| HALIMEDA SP.               | .33  | .05  | .03  | 5.29 | .07   |      | .26  |      |
| UDOTEA SP.                 | .33  |      |      | .18  |       | .04  |      |      |
| CYSTODICTYON SP.           | .02  | 3.00 |      |      |       |      |      |      |
| PHAEOPHYCOPHYTA            | 1.06 | .30  |      | .53  |       | 1.23 | .05  |      |
| SARGASSUM SP.              | 6.62 |      | .31  |      |       | .76  |      |      |
| RHODOPHYCOPHYTA            | .06  |      |      | .13  | .12   |      |      | .09  |
| GRACILARIA SP.             | .05  | .60  |      |      | .11   |      |      |      |
| PEYSSONNELIA SP.           |      |      |      | .21  |       |      |      | .05  |
| PEYSSONNELIA RUBRA         |      |      |      |      | .96   |      |      |      |
| PEYSSONNELIA SIMULANS      |      |      |      |      | .34   |      |      | .03  |
| CORALLINACEAE              | .30  | .15  |      |      | .79   |      | .23  | .35  |
| LITHOTHAMNIUM SP.          |      |      |      |      |       |      | .03  |      |
| PORIFERA                   | .27  | 1.55 | 1.49 | .34  | 12.30 | 1.56 | 3.21 | 3.32 |
| CALCAREA                   |      | .20  |      |      |       |      |      |      |
| HIPPOSPONGIA SP.           |      | .20  |      |      |       |      |      |      |
| IRGINIA CAMPANA            |      |      |      |      |       | .14  | 1.33 | .07  |
| IRGINIA STROBILINA         |      |      |      |      |       | .05  | 1.16 | .16  |
| IRGINIA FELIX              |      |      |      |      |       |      | .38  | .20  |
| IRGINIA SPP.               |      |      |      |      |       |      | .19  |      |
| APLYSINA SP.               |      |      |      |      |       | .27  |      |      |
| AILOCHROIA CRASSA          |      |      |      |      |       |      | .14  | .27  |
| HALICLONA SPP.             |      |      |      |      |       |      | .22  |      |
| CALLYSPONGIA SP.           |      |      |      |      |       | .31  | 1.30 | .58  |
| NIPHATES ERECTA            |      |      |      |      |       | .07  |      |      |
| XESTOSPONGIA SP.           |      |      |      |      |       |      | .06  | .30  |
| ? FORCEPIA SP.             |      | .20  |      |      |       |      | 1.87 | .26  |
| MICROCIONA SPP.            |      |      |      |      |       |      | .80  | .03  |
| BUBARIS SPP.               |      | .15  | .03  |      |       |      | .05  |      |
| HALICHONDRIA SPP.          |      |      |      |      |       | .04  | .06  | .19  |
| SPIRASTRELLA SP.           |      |      |      |      |       |      | .09  |      |
| SPHECIOSPONGIA SP.         |      |      |      |      |       | 2.63 | .07  |      |
| ANTHOSIGMELLA VARIANS      |      |      |      |      |       |      | 1.21 | .29  |
| ANTHOSIGMELLA SPP.         |      |      |      |      |       |      | .03  |      |
| PLACOSPONGIA MELOBESIOIDES |      |      |      |      |       |      | .95  | .31  |
| CLIONA SP.                 |      | 4.25 | 4.36 |      |       |      | 3.48 | 2.74 |
| CLIONA DELITRIX            |      |      | .23  |      |       |      | .31  |      |
| TETHYA SP.                 |      |      | .79  | .11  |       | .05  | .11  | .04  |
| EPIPOLASIS SPP.            |      |      |      |      |       |      |      | .61  |
| JASPIS SPP.                |      |      |      |      |       |      | .32  | .24  |
| GEODIA SP.                 |      |      | .67  |      |       |      |      |      |
| GEODIA NEPTUNI             |      |      |      |      | .04   |      |      |      |
| GEODIA GIBBEROSA           |      |      |      |      |       | .28  | 1.18 | 2.16 |
| ERYLUS SPP.                | .08  | .10  |      |      |       |      |      |      |
| CINACHYRA SPP.             | .84  | .75  | 2.38 | .08  |       | .25  | 2.30 | 1.73 |

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TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF QUANTITATIVE SLIDE ANALYSIS DATABASE (QSA),  
 MEAN PERCENT COVER, LIVE BOTTOM STATIONS.  
 PART 4A: WINTER CRUISE, STATIONS 01-21.

| TAXON                          | 01   | 03  | 07  | 09   | 11  | 13    | 15   | 21  |
|--------------------------------|------|-----|-----|------|-----|-------|------|-----|
| DEMOSPONGEA-LITHISTIDA         |      | .05 |     |      |     |       |      |     |
| AXINELLA SPP.                  | .51  |     | .05 |      |     | .24   | 1.09 | .22 |
| HOMAXINELLA SP.                |      |     | .28 |      |     |       | .35  |     |
| PSEUDAXINELLA SP.              |      |     | .05 |      |     | .03   | .11  | .06 |
| PSEUDAXINELLA LUNAECHARTA      |      |     |     |      |     |       | .50  |     |
| TEICHAXINELLA SP.              | .06  |     |     |      |     | .02   | .28  | .08 |
| PHAKELLIA SP.                  | .10  |     | .21 |      |     |       | .15  |     |
| HIGGINIA SP.                   | .14  |     |     |      |     |       | .07  |     |
| HYDROZOA                       |      |     |     |      | .05 |       | .52  | .29 |
| ANTIPATHIDAE                   |      |     |     |      | .02 |       |      |     |
| ANTHOZOA-OCTOCORALLIA          |      |     |     |      | .02 |       |      |     |
| PLEXAURIDAE                    |      |     |     |      |     | 1.11  |      |     |
| GORGONIIDAE                    |      |     |     |      |     | 11.40 |      |     |
| ACTINIIDAE                     |      |     |     |      |     |       |      | .14 |
| ANEMONE SP.                    |      |     |     |      |     |       | 1.35 |     |
| ZOANTHARIA-SCLERACTINIA        |      |     |     |      |     |       | .15  |     |
| SIDERASTREA SP.                | .63  |     | .44 |      |     | .07   | .55  | .10 |
| MANICINA SP.                   |      |     |     |      |     |       | .03  |     |
| MANICINA AREOLATA              |      |     | .21 |      |     |       |      |     |
| CLADOCORA SP.                  |      |     |     |      |     |       | 1.08 |     |
| CLADOCORA ARBUSCULA            | 1.24 |     |     |      |     |       |      |     |
| OCULINA SP.                    |      |     |     |      |     | .12   |      |     |
| SCOLYMIA SP.                   |      |     | .33 |      |     | .03   | .96  |     |
| POLYCHAETA                     |      |     |     |      | .02 |       |      |     |
| CYPHOMA GIBBOSUM               |      |     |     |      |     | .01   |      |     |
| GALATHEIDAE                    |      |     |     | .24  |     |       |      |     |
| STENORHYNCHUS SETICORNIS       |      |     |     |      |     |       |      | .02 |
| ECTOPROCTA                     | .02  |     | .05 | 1.24 |     | .08   |      |     |
| STEGANOPORELLA MAGNILABRIS     |      | .65 |     | .95  |     |       |      | .14 |
| STYLOPOMA SPONGITES            |      |     |     | .53  |     |       |      |     |
| PARASMITTINA SP.               |      |     |     | .11  |     |       |      |     |
| ASTERIODEA                     | .02  |     |     | .05  |     |       |      |     |
| ASTROPECTEN ARTICULATUS        | .08  |     |     |      |     |       |      |     |
| CHAETASTER NODOSUS             |      |     |     |      | .02 |       |      |     |
| OREASTER SP.                   |      |     |     |      |     |       | .04  |     |
| ECHINASTER SP.                 | .05  |     |     | .03  |     | .15   | .08  |     |
| OPHIUROIDEA                    |      |     |     |      |     | 1.10  |      |     |
| ECHINOIDEA                     |      |     | .15 |      |     |       |      |     |
| EUCIDARIS TRIBULOIDES          |      |     |     | .89  |     |       |      |     |
| ARBACIA PUNCTULATA             |      |     | .80 |      |     |       |      |     |
| CLYPEASTER SP.                 |      |     |     | .47  |     |       |      |     |
| HOLOTHUROIDEA-ASPIDOCHEIROTIDA |      |     |     | .05  |     |       |      |     |
| ISOSTICHOPUS BADIONOTUS        |      |     |     |      |     |       |      | .26 |
| ASCIDIACEA                     | .10  | .10 |     |      |     | .09   | .26  | .96 |
| CLAVELINA SP.                  | .03  | .30 | .31 | .55  |     |       | .18  | .94 |
| DIDEMNUM CANDIDUM              | .08  |     | .74 |      |     |       | .03  | .34 |

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF QUANTITATIVE SLIDE ANALYSIS DATABASE (QSA),  
 MEAN PERCENT COVER, LIVE BOTTOM STATIONS.  
 PART 4A: WINTER CRUISE, STATIONS 01-21.

| TAXON                | STATION<br>01 | 03    | 07    | 09    | 11    | 13    | 15    | 21    |
|----------------------|---------------|-------|-------|-------|-------|-------|-------|-------|
| OSTEICHTHYES         | .02           | .15   | .21   |       |       | .10   |       | .08   |
| SERRANUS TIGRINUS    |               |       |       |       |       |       | .03   |       |
| EQUETUS LANCEOLATUS  |               |       |       |       |       |       |       | .05   |
| HOLACANTHUS CILIARIS |               |       |       |       |       |       |       | .03   |
| POMACENTRUS SP.      |               |       |       |       |       |       | .01   |       |
| SAND                 | 76.79         | 73.70 | 72.56 | 67.39 | 59.89 | 71.53 | 55.04 | 66.05 |
| RUBBLE               | 9.87          | 13.20 | 13.10 | 19.42 | 24.89 | 6.24  | 15.48 | 10.72 |

TABLE . SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF QUANTITATIVE SLIDE ANALYSIS DATABASE (QSA),  
 MEAN PERCENT COVER, LIVE BOTTOM STATIONS.  
 PART 4B: WINTER CRUISE, STATIONS 23-39.

| TAXON                            | STATION |       |     |      |      |      |      |
|----------------------------------|---------|-------|-----|------|------|------|------|
|                                  | 23      | 29    | 32  | 35   | 36   | 38   | 39   |
| CHLOROPHYCOPHYTA                 | 2.14    | 2.26  |     | .50  | .04  | 1.98 | 9.31 |
| HALIMEDA SP.                     | .85     |       |     |      |      |      |      |
| PALMELLACEAE                     |         | .52   |     |      |      |      |      |
| ANADYOMENE MENZIESII             | 7.72    | 31.09 |     |      |      |      | .02  |
| VALONIA SP.                      |         | .05   |     |      |      |      |      |
| VALONIA VENTRICOSA               | .06     |       |     |      |      |      |      |
| PHAEOPHYCOPHYTA                  |         |       |     |      | .10  | .05  | .11  |
| DICTYOTA SP.                     | .03     |       |     |      |      |      |      |
| RHODOPHYCOPHYTA                  | .19     | .03   |     |      |      |      | .07  |
| GRACILARIA SP.                   | .03     |       |     |      |      |      |      |
| PEYSSONNELIA RUBRA               | 5.37    | 10.37 |     |      |      |      |      |
| PEYSSONNELIA SIMULANS            | 5.31    | 8.30  |     |      |      |      |      |
| CORALLINACEAE                    |         | 8.23  |     |      | .39  |      | .35  |
| LITHOTHAMNIUM SP.                | .37     |       |     |      |      |      | .06  |
| PORIFERA                         | 2.53    | 1.80  | .18 | .17  | .51  | 1.19 | 5.21 |
| HIPPOSPONGIA SP.                 | .04     |       |     |      |      |      |      |
| ADOCIIDAE                        |         |       |     |      | .12  |      |      |
| XESTOSPONGIA SP.                 | .06     | .09   |     |      |      |      | .06  |
| CRIBROCHALINA SP.                |         | .07   |     |      |      |      |      |
| BUBARIS SPP.                     | .12     | .11   |     |      |      | .10  | .06  |
| ANTHOSIGMELLA SPP.               |         | .06   |     |      |      |      |      |
| EPIPOLASIS SPP.                  |         | .11   |     |      |      |      |      |
| CINACHYRA SPP.                   |         |       | .18 |      |      |      |      |
| PSEUDAXINELLA SP.                | .02     |       |     |      |      |      |      |
| HIGGINSIA SP.                    | .03     |       |     |      |      |      |      |
| HYDROZOA                         |         |       |     |      |      | .17  |      |
| STYLASTER SP.                    |         |       | .35 |      |      |      |      |
| ANTIPATHIDAE                     |         |       |     | .17  |      |      |      |
| OCTOCORALLIA-ALCYONACEA          |         |       |     | 2.06 | 1.35 | 1.69 | .36  |
| ELLISELLA SP.                    |         |       |     |      | .33  |      |      |
| ELLISELLA BARBADENSIS            |         |       |     | 1.00 | .31  | .03  |      |
| ACTINIIDAE                       |         |       |     |      |      | .76  |      |
| MADRACIS SP.                     | .68     |       |     |      |      |      |      |
| MADRACIS DECACTIS                |         | .07   |     |      |      |      |      |
| MADRACIS MIRABILIS               |         | .75   |     |      |      |      |      |
| AGARICIA SP.                     |         | 9.91  |     |      |      |      |      |
| SIDERASTREA SP.                  |         | .02   |     |      |      |      |      |
| PORITES SP.                      |         | .11   |     |      |      |      |      |
| MANICINA SP.                     |         | .17   |     |      |      |      |      |
| SCOLYMIA SP.                     |         | .08   |     |      |      |      |      |
| GASTROPODA                       | .01     |       |     |      |      |      | .01  |
| CONUS SP.                        | .02     |       |     |      |      |      |      |
| ARTHROPODA-MANDIBULATA-CRUSTACEA |         |       |     | .06  |      |      |      |
| GALATHEIDAE                      |         |       | .88 | .06  |      |      |      |
| ASTERIODEA                       |         |       | .12 |      |      |      | .04  |
| ECHINASTER SP.                   |         |       |     |      | .04  | .03  |      |

TABLE SW FLORIDA SHELF ECOSYSTEMS STUDY.  
 LISTING OF QUANTITATIVE SLIDE ANALYSIS DATABASE (QSA),  
 MEAN PERCENT COVER, LIVE BOTTOM STATIONS.  
 PART 4B: WINTER CRUISE, STATIONS 23-39.

| TAXON                | STATION |       |       |       |       |       |       |
|----------------------|---------|-------|-------|-------|-------|-------|-------|
|                      | 23      | 29    | 32    | 35    | 36    | 38    | 39    |
| OPHIUROIDEA          |         |       |       |       | .04   | .38   |       |
| ASTEROPORPA ANNULATA |         |       |       |       | .06   |       |       |
| OPHIODERMA SP.       |         |       |       |       | .02   |       |       |
| EUCIDARIS SP.        |         |       |       |       | .04   |       |       |
| CRINOIDEA            |         | .09   | 5.65  | 1.72  | 10.41 | 3.62  | .10   |
| ASCIDIACEA           | .24     | .39   | .65   |       |       | .59   | 1.30  |
| CLAVELINA SP.        |         | .06   |       | .22   | .06   | .06   |       |
| DIDEMNUM CANDIDUM    |         | .10   |       |       |       |       |       |
| OSTEICHTHYES         | .06     | .02   | .18   | .33   | .04   | .05   | .02   |
| SAND                 | 25.31   | .87   | 84.00 | 68.78 | 73.16 | 58.59 | 30.75 |
| RUBBLE               | 48.80   | 24.27 | 5.53  | 24.94 | 12.98 | 30.71 | 48.70 |
| ROCK                 |         |       | 2.29  |       |       |       | 3.45  |



### **The Department of the Interior Mission**

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering sound use of our land and water resources; protecting our fish, wildlife, and biological diversity; preserving the environmental and cultural values of our national parks and historical places; and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people by encouraging stewardship and citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.



### **The Minerals Management Service Mission**

As a bureau of the Department of the Interior, the Minerals Management Service's (MMS) primary responsibilities are to manage the mineral resources located on the Nation's Outer Continental Shelf (OCS), collect revenue from the Federal OCS and onshore Federal and Indian lands, and distribute those revenues.

Moreover, in working to meet its responsibilities, the **Offshore Minerals Management Program** administers the OCS competitive leasing program and oversees the safe and environmentally sound exploration and production of our Nation's offshore natural gas, oil and other mineral resources. The MMS **Minerals Revenue Management** meets its responsibilities by ensuring the efficient, timely and accurate collection and disbursement of revenue from mineral leasing and production due to Indian tribes and allottees, States and the U.S. Treasury.

The MMS strives to fulfill its responsibilities through the general guiding principles of: (1) being responsive to the public's concerns and interests by maintaining a dialogue with all potentially affected parties and (2) carrying out its programs with an emphasis on working to enhance the quality of life for all Americans by lending MMS assistance and expertise to economic development and environmental protection.