

COLLECTIONS BY THE OREGON IN THE GULF OF MEXICO

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UNITED STATES DEPARTMENT OF THE INTERIOR, Fred A. Seaton, Secretary
Bureau of Commercial Fisheries, Arnie J. Suomela, Acting Director

COLLECTIONS BY THE OREGON IN THE GULF OF MEXICO

List of Crustaceans, Mollusks, and Fishes Identified
From Collections Made by the Exploratory Fishing
Vessel Oregon in the Gulf of Mexico and Adjacent Seas
1950 Through 1955

By

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SPECIAL SCIENTIFIC REPORT: FISHERIES No. 196

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FOREWORD

Beginning in the summer of 1950 the U. S. Fish and Wildlife Service carried out a variety of fishing operations with the exploratory fishing vessel Oregon in the Gulf of Mexico. Conventional fishing gear and special modifications of the usual types of gear were used to determine what fishery resources are available to the Gulf fishing industry and to bring attention to the possibilities for production of unused or neglected resources, either in fishing grounds or in unexploited kinds of fishery products. The program of exploration was prepared by the staff of the Exploratory Fishing and Gear Development Section along lines suggested by the Gulf States Marine Fisheries Commission. The primary objectives were exploration and gear studies designed to give immediate assistance to the Gulf fishing industry. Reports on the results of this work have been published from time to time in Commercial Fisheries Review.

The program of exploratory fishing and gear research is only a part of a larger effort to assemble sufficient information to permit proper management of a resource of unknown magnitude and of considerable importance to the entire United States. This larger program involves not only several groups within the Fish and Wildlife Service but also agencies of the States surrounding the Gulf of Mexico, public and private research institutions, and the fishery industries' research facilities.

One of the long-range objectives is to make an inventory of Gulf resources. In an area as large and diverse as the Gulf of Mexico, useful quantitative estimates of the abundance of species are out of reach at present. (For a discussion of this see Gordon Gunter, "Relative Number of Shallow Water Fishes of the Northern Gulf of Mexico, With Some Records of Rare Fishes from the Texas Coast", American Midland Naturalist, July 1941, vol. 26, no. 1, pp. 194-200. For a qualitative inventory a good start has been made for some of the animal groups in shallow waters. Several recent publications by Isaac Ginsburg of the U. S. Fish and Wildlife Service on fishes of the Gulf and the series of publications of the University of Texas Institute of Marine Science are among the important contributions.

Fishery Bulletin 89, "Gulf of Mexico, Its Origin and Marine Life" published in 1954 (Fishery Bulletin of the Fish and Wildlife Service, 55: 1-604, 72 figs.) summarized in convenient form much of the present knowledge about the Gulf of Mexico. Contributions of its 55 authors serve as an orientation to the problems of the area in the study of the geology, marine meteorology, oceanography, and of plant and animal groups, each section including a selected bibliography as

literature cited. The first section by Dr. Paul S. Galtsoff gives an historical account of explorations in the Gulf of Mexico and is an appropriate introduction to the specialized exploratory fishing now being undertaken.

Our present report summarizes a part of the data obtained during cruises of the Oregon from 1950 through the end of 1955. Each scheduled fishing operation was made the subject of a record under a station number. Entries noting time, position, water depth, weather conditions, type of fishing gear used, and total weight of the catch were made for all stations. In addition to these entries, a list of species, the number of each species present in the catch, and other details were recorded for most stations. In many instances the specimens obtained, or selected specimens, were preserved and forwarded to cooperating specialists for determination. Since time was ordinarily unavailable for complete analysis of all catches, the specimens selected for preservation were labeled solely with the station number and were forwarded to cooperators with a station list giving locality data. If the cooperators reported their determinations by station number these were entered as a part of the data for the station.

The records of results of each fishing operation are available for inspection at Pascagoula by research workers. A reference collection consisting primarily of specimens of deep-water species that have been identified by specialists was assembled and maintained in the Pascagoula office to aid staff members in making more troublesome determinations.

It should be recognized that the species represented in this list were obtained with certain types of specialized fishing gear, so their incidences in the Oregon catches are not necessarily indications of their relative abundance in the total gulf fauna. The principle types of fishing gear used have been shrimp trawls, tuna longline gear, handlines, trap lift nets, and dip nets.

It could probably be safely assumed that shrimp trawls are effective collectors of the smaller relatively inactive bottom-dwelling species of fish that characteristically are found over clear bottom. They have proved to be almost completely ineffective in sampling schools of midwater species that have been observed on depth recorders. Shrimp-trawl catches have been remarkably devoid of large fishes that are known to be present in the fishing areas. Also, although some nets have been designed to work closely on the bottom, the general tendency in the recent development of the shrimp trawl has been to so rig the ground line of the trawl that most bottom material is missed. This appears to affect seriously both the type and quality of catches of mollusks, worms, and less active or burrowing crustaceans.

Tuna long-line gear appears to be an efficient method of capturing the larger offshore species of fish but gives a very poor picture of the smaller surface--or subsurface--dwelling species. However, interesting collections have been made from the stomach contents of long-line caught fishes and several previously unrecorded species were taken by that method.

Trap lift nets are perhaps the most selective of gear, their principle of operation being to catch schooled fish, and generally only those attracted by lights.

The most diversified catches from the Oregon have been made with dip nets under lights put over the side of the vessel at night while drifting in offshore waters. However, these catches are mostly made up of postlarval and juvenile forms.

It should also be pointed out that the vast majority of the exploratory-fishing stations have been made in restricted depth ranges. Shrimp-trawl coverage has been extensive in the ranges of 20 to 75 fathoms and 175 to 300 fathoms. Trawl coverage in other depth zones has been poor. Consequently, it is likely that as other depth ranges are more adequately explored, employing the present types of gear as well as such relatively untried methods (in the gulf area) as fish trawls, midwater trawls, and sink gill-nets, this list of species will be greatly augmented.

New species which have been described originally from material collected by the Oregon are indicated by "(type loc.)" inserted after number of the station where the holotype was collected. Original descriptions may be found under "References."

A question mark following the name of a species indicates that the nomenclature is regarded as unsatisfactory by the authority making the identification, and a question mark following a station number indicates a provisional identification for the species taken at that station. In a few instances specific and even generic names have been omitted because for various reasons complete identifications have been impractical or invalidated by subsequent studies, but the identifications are thought to be satisfactory through the higher categories. The abbreviation "(yng.)" has been used to indicate postlarval, juvenile, and young specimens.

APPROXIMATE LOCATION OF ISLANDS AND REEFS
 APPEARING IN SPECIES LIST

	<u>W. long.</u>	<u>N. Lat.</u>
Alecraan Reefs (Campeche Bank)	89°-40'	22°-30'
Arcas Cay (Campeche Bank)	91°-59'	20°-12'
Arenas Cay (Campeche Bank)	91°-25'	22°-08'
Cat Cay (Bahama Bank)	79°-17'	25°-58'
Petit Bois Island (Alabama Coast)	88°-16'	30°-13'
Tortugas (Florida Keys)	82°-42'	24°-37'
Triangles (Campeche Bank)	92°-16'	20°-55'

ABBREVIATIONS

bk.....	black
br.....	brown
bu.....	blue
Co.....	coral
Cl.....	clay
G.....	gravel
gn.....	green
gy.....	gray
M.....	mud
R.....	rock
rky.....	rocky
S.....	sand
sft.....	soft
Sh.....	shell
Sp.....	sponge
wh.....	white
yl.....	yellow
yng.....	young

LIST OF MYSIDACEAN, AMPHIPOD, EUPHAUSIACEAN,
DECAPOD, AND STOMATOPOD CRUSTACEANS

This list has been prepared from collections of specimens taken in fishing operations of the Oregon and forwarded to the U. S. National Museum where identifications were made by Fenner A. Chace, Jr., Curator, Division of Marine Invertebrates (mysids, euphausiids, decapods, and stomatopods), and C. R. Shoemaker and Thomas E. Bowman (amphipods). Dr. Chace's determinations do not include specimens probably representing 2 new genera and 16 new species of decapods and 3 new species of stomatopods. This new material is being studied and publication of descriptions will be made elsewhere. We are greatly indebted to Dr. Chace and to other authorities at the National Museum for reports of determinations accompanied by natural-history notes which have encouraged the staff at Pascagoula to take special care to select and save material of interest to carcinologists.

In addition to the species identified by Dr. Chace, Dr. Shoemaker, and Dr. Bowman, a large number of determinations have been made by members of the Pascagoula staff; entries for these were made on the original station sheets and are not included in this report. We are indebted to Mr. M. D. Burkenroad for identification of some of the first shrimp specimens which provided us with comparative series used in the field to check identifications. We are also indebted to Mr. W. W. Anderson of the U. S. Fish and Wildlife Service for identification of commercial species of shrimp in the troublesome smaller-size groups.

LIST OF MYSIDACEAN, AMPHIPOD, EUPHAUSIACEAN, DECAPOD,
AND STOMATOPOD CRUSTACEANS

Family	Species	Station Numbers	Incomplete locality list
LOPHOGASTRIDAE	<u>Chalaraspidum alatum</u> (Willemoes-Suhm)?	841	1028
	<u>Gnathophausia gracilis</u> Willemoes-Suhm		1028
	<u>Gnathophausia ingens</u> (Dohrn)	841	1272?
	<u>Lophogaster longirostris</u> Faxon		1005
EUCOPIIDAE	<u>Eucopia grimaldii</u> Nouvel	841	
	<u>Eucopia major</u> Hansen	841	
	<u>Eucopia sculpticauda</u> Faxon	543	841 1028
	<u>Eucopia unguiculata</u> (Willemoes-Suhm)	841	
LYSIANASSIDAE	<u>Cyphocaris</u> , sp.	841	
	<u>Eurythenes gryllus</u> Smith	841	
LEUCOTHOIDAE	<u>Leucothoe spinicarpa</u> (Abildgaard)		1004
COLOMASTIGIDAE	<u>Colomastix pusilla</u> Grube		1024
PLEUSTIDAE	<u>Parapleustes</u> , sp.		1004
PHOTIDAE	<u>Chevalia aviculae</u> Walker		1004
	<u>Eurystheus maculatus</u> (Johnston)		1004

Family	Species	Station Numbers Incomplete locality list		
AMPITHOIDAE	<u>Ampithoe</u> , sp.	1004		
COROPHIIDAE	<u>Ericthonius</u> , sp.	1004		
CYAMIDAE	<u>Syncyamus pseudorcae</u> Bowman	1298	(type loc.)	
SCINIDAE	<u>Scina crassicornis</u> (Fabricius)	841		
PHRONIMIDAE	<u>Phronima sedentaria</u> (Forskal)	597	1028	1248
		841	1166	1273
PHROSINIDAE	<u>Phrosina semilunata</u> Risso	1273		
PRONOIDAE	<u>Parapronoe crustulum</u> Claus	1166	1168	1193
PLATYSCELIDAE	<u>Platyscelus ovcides</u> (Claus)	1166	1168	
OXYCEPHALIDAE	<u>Oxycephalus clausi</u> Bovallius	1137		
EUPHAUSIIDAE	<u>Bentheuphausia amblyops</u> (G. O. Sars)	841		
	<u>Thysanopoda cornuta</u> Illig	841		
	<u>Thysanopoda monacantha</u> Ortmann	841		
	<u>Thysanopoda orientalis</u> Hansen	841	1028	
	<u>Thysanopoda pectinata</u> Ortmann	841		
PENAEIDAE (shrimps and prawns)	<u>Hymenopenaeus debilis</u> Smith	489		

Family	Species	Station Numbers			
		Incomplete locality list			
PENAEIDAE (contd.)	<u>Hymenopenaeus robustus</u> Smith				
	(red shrimp)	126	319	549	1268
		127	503	597	1321
		163	542	1005	
		307	543	1238	
	<u>Hymenopenaeus tropicalis</u> (Bouvier)				
	(red shrimp)	896	920	944	1026
		917	938	1005	1254
	<u>Solenocera atlantidis</u> Burkenroad				
		871	872	896	898
	<u>Solenocera necopina</u> Burkenroad				
		954	1005	1340	
	<u>Solenocera vioscai</u> Burkenroad				
		72	340	843	1253
		88	342	847	
		107	662	1060	
	<u>Aristaeomorpha foliacea</u> (Risso)				
		307	549	1054	1282
		542	639	1268	
	546	1012			
<u>Aristaeus antillensis</u> Bouvier					
	126	1251	1266	1268	
	597				
<u>Bentheogennema intermedia</u> (Bate)					
	841	1028			
<u>Benthescymus bartletti</u> Smith					
	543	640			
<u>Gennadas bouvieri</u> Kemp					
	841	1028			
<u>Gennadas capensis</u> Calman					
	841				
<u>Gennadas valens</u> (Smith)					
	841	1028			

Family	Species	Station Numbers			
		Incomplete locality list			
PENAEIDAE (contd.)	<u>Funchalia</u> (<u>Funchalia</u>) <u>villosa</u> (Bouvier)	1028			
	<u>Plesiopenaeus</u> <u>edwardsianus</u> (Johnson)	319 597	635	640	1019
	<u>Parapenaeus</u> <u>americanus</u> Rathbun	954	1026	1340	1343
	<u>Parapenaeus</u> <u>longirostris</u> (Lucas)	27 101 314	325 332	340 920	944 954
	<u>Penaeopsis</u> (<u>Penaeopsis</u>) <u>megalops</u> (Smith)	162 163 314 489	503 542 546 590	1005 1015 1054 1238	1321 1342
	<u>Penaeopsis</u> (<u>Metapenaeopsis</u>) <u>goodei</u> Smith	896	898	997	Arcas
	<u>Penaeus</u> <u>aztecus</u> Ives (common shrimp-grooved shrimp- brown shrimp)	107	158	845	1086
	<u>Penaeus</u> <u>duorarum</u> Burkenroad (common shrimp-grooved shrimp- pink shrimp)	251 449 562	719 720 905	907 927 993	998 1003 1004
	<u>Penaeus</u> <u>setiferus</u> (Linnæus) (common shrimp-white shrimp- green tailed shrimp)	149	185	188	
	<u>Trachypeneopsis</u> <u>mobilispinis</u> (Rathbun) Arcas				
	<u>Trachypeneus</u> (<u>Trachysalambria</u>) <u>constrictus</u> Stimpson	871 907	978	982	997

Family	Species	Station Numbers Incomplete locality list			
PENAEIDAE (contd.)	<u>Trachypeneus (Trachysalambria) similis</u> (Smith)	149	562	720	845
		340	719	843	1057
		342			
	<u>Xiphopeneus kroyeri</u> (Heller) (sea-bob)	149			
	<u>Sicyonia brevirostris</u> Stimpson (rock shrimp-stone shrimp)	82	411	720	916
		101	562	896	1004
		110	707	898	1057
		390	719	905	1060
	<u>Sicyonia dorsalis</u> Kingsley (rock shrimp)	107	662	1083	1086
		110	845		
<u>Sicyonia stimpsoni</u> Bouvier (rock shrimp)	411	1060	1083		
<u>Sicyonia typica</u> (Boeck) (rock shrimp)	997	1004			
SERGESTIDAE	<u>Acetes carolinae</u> Hansen	844	851		
	<u>Sergestes (Sergestes) atlanticus</u> H. Milne Edwards	1028			
	<u>Sergestes (Sergia) richardi</u> Hansen	841	1028		
	<u>Sergestes (Sergia) robustus</u> Smith	709			
PASIPHAEIDAE	<u>Leptochela bermudensis</u> Gurney				Arcas
	<u>Leptochela serratorbita</u> Bate				Arcas
	<u>Parapasiphaë macrodactyla</u> Chace	1028			

Family	Species	Station Numbers Incomplete locality list			
PASIPHAEIDAE (contd.)	<u>Parapasiphae sulcatifrons</u> Smith	841			
	<u>Pasiphaea merriami</u> Schmitt	549	841		
OPLOPHORIDAE	<u>Acanthephyra acanthitelsonis</u> Bate	841			
	<u>Acanthephyra acutifrons</u> Bate	841			
	<u>Acanthephyra armata</u> A. Milne Edwards	534	560		
	<u>Acanthephyra brevirostris</u> Smith	1028			
	<u>Acanthephyra curtirostris</u> Wood-Mason	841	1028		
	<u>Acanthephyra purpurea</u> A. Milne Edwards	841	1028		
	<u>Acanthephyra stylostrata</u> (Bate)	841	1028		
	<u>Ephyrina hoskynii</u> Wood-Mason	841			
	<u>Hymenodora glacialis</u> (Buchholz)	841	1028		
	<u>Hymenodora gracilis</u> Smith	1028			
	<u>Meningodora mollis</u> Smith	1028			
	<u>Oplophorus spinicauda</u> A. Milne Edwards	1324	1342		
	<u>Systellaspis affinis</u> (Faxon)	162 480	542 545	639 1106	1107

Family	Species	Station Numbers			
		Incomplete locality list			
OPLOPHORIDAE (contd.)	<u>Systellaspis cristata</u> (Faxon)	841			
	<u>Systellaspis debilis</u> (A. Milne Edwards)	543	841		
NEMATOCARCI NIDAE	<u>Nematocarcinus cursor</u> A. Milne Edwards	534	635	1018	1019
		543	640		
PANDALIDAE (ocean shrimp)	<u>Heterocarpus ensifer</u> A. Milne Edwards	472	639	1324	1342
		480	1005	1340	
		546	1006		
	<u>Heterocarpus oryx</u> A. Milne Edwards	640			
	<u>Parapandalus longicauda</u> (Rathbun)	892			
	<u>Plesionika acanthonotus</u> (Smith)	489			
	<u>Plesionika ensis</u> (A. Milne Edwards)	590			
	<u>Plesionika longipes</u> (A. Milne Edwards) (striped shrimp)	637	1007	1326	1343
		1005	1054	1340	
		1006	1324		
<u>Plesionika martia</u> (A. Milne Edwards)	597	1282			
<u>Plesionika macropoda</u> Chace	1340	1343			
<u>Plesionika tenuipes</u> (Smith)	1005	1006			
ALPHEIDAE (snapping shrimp)	<u>Alpheus formosus</u> Gibbes	704	902		
	<u>Alpheus heterochaelis</u> Say	"Oregon" sea-water intake			

Family	Species	Station Numbers	Incomplete locality list
ALPHEIDAE (contd.)	<u>Synalpheus</u> <u>grampusi</u> Coutiere	935	
	<u>Synalpheus</u> <u>minus</u> (Say)	704	
	<u>Synalpheus</u> <u>townsendi</u> <u>townsendi</u> Coutiere	896	1004
	<u>Synalpheus</u> <u>townsendi</u> <u>productus</u> Coutiere	861	
HIPPOLYTIDAE	<u>Hippolysmata</u> <u>grabhami</u> Gordon	727	
	<u>Latreutes</u> <u>focurum</u> (Fabricius)	1035	26°N., 90°W.
PALAEMONIDAE (river shrimp)	<u>Leander</u> <u>tenuicornis</u> (Say)	837	1035 26°N., 90°W.
	<u>Macrobrachium</u> <u>acanthurus</u> (Wiegman)		Mississippi Sound
	<u>Anchistioides</u> <u>antiguensis</u> (Schmitt)	728	1024
GLYPHOCRANGONIDAE	<u>Glyphocrangon</u> (<u>Glyphocrangon</u>) <u>aculeata</u> A. Milne Edwards	534	
	<u>Glyphocrangon</u> (<u>Glyphocrangon</u>) <u>alispina</u> Chace	543	635 640 1019
		549	
	<u>Glyphocrangon</u> (<u>Glyphocrangon</u>) <u>longleyi</u> Schmitt	489	542 1015 1324
	532	549	
	<u>Glyphocrangon</u> (<u>Glyphocrangon</u>) <u>spinicauda</u> A. Milne Edwards	1321	1342
CRANGONIDAE	<u>Aegeon</u> <u>caribbaeus</u> Boone	503	1340 1341 1343
		639	

Family	Species	Station Numbers			
		Incomplete locality list			
CRANGONIDAE (contd.)	<u>Pontophilus brevirostris</u> Smith	1005			
STENOPODIDAE	<u>Stenopus scutellatus</u> Rankin	33			
ERYONIDAE	<u>Polycheles sculptus</u> Smith	126 279 543	549 597	635 640	1019 1302
	<u>Polycheles typhlops</u> Heller	61 62 126	307 314 382	481 489 542	1238 1324 1326
SCYLLARIDAE	<u>Scyllarides nodifer</u> (Stimpson)	730	959		
	<u>Scyllarus americanus</u> (Smith)	728	896	898	937
	<u>Scyllarus faxoni</u> Bouvier	1340			
	<u>Scyllarus arctus</u> (Linnaeus)	33 70	896	944	1004
NEPHROPSIDAE	<u>Nephrops rubellus binghami</u> Boone	1340	1341		
	<u>Nephropsis aculeata</u> Smith	127 260 307 481 489	491 503 532 542 543	549 1005 1006 1007 1010	1283 1321 1326
	<u>Phoberus caecus</u> A. Milne Edwards	319	549	984	
CHIROSTYLIDAE	<u>Chirostylus spinifer</u> (A. Milne Edwards)	1328	1343		
	<u>Uroptychus nitidus</u> (A. Milne Edwards)	489			
	<u>Emunida picta</u> Smith	1283			

Family	Species	Station Numbers				
		Incomplete locality list				
GALATHEIDAE	<u>Galathea</u> <u>rostrata</u> A. Milne Edwards	935	1004			
	<u>Munida</u> <u>evermanni</u> Benedict	1340	1343			
	<u>Munida</u> <u>flinti</u> Benedict	920				
	<u>Munida</u> <u>forceps</u> A. Milne Edwards	27	36	265	332	
	<u>Munida</u> <u>iris</u> A. Milne Edwards	726 1005	1006 1007	1011	1328	
	<u>Munida</u> <u>longipes</u> A. Milne Edwards	61 62 126 158	162 272 314 382	483 491 503 954	1005 1321 1328	
	<u>Munida</u> <u>miles</u> A. Milne Edwards	726				
	<u>Munida</u> <u>pusilla</u> Benedict	33				
	<u>Munida</u> <u>valida</u> Smith	319 489	635 1015	1018	1019	
	<u>Munidopsis</u> <u>robusta</u> (A. Milne Edwards)	127 270 272	273 351 489	603 1015 1238	1276 1326	
	<u>Munidopsis</u> <u>sigsbei</u> (A. Milne Edwards)	640				
	PORCELLANIDAE	<u>Pachycheles</u> <u>rugimanus</u> A. Milne Edwards	935	1004		
		<u>Petrolisthes</u> <u>galathinus</u> (Bosc)	902			

Family	Species	Station Numbers			
		Incomplete locality list			
PORCELLANIDAE (contd.)	<u>Porcellana sayana</u> (Leach)	411	449		
	<u>Porcellana sigsbeiana</u> A. Milne Edwards	27 325	326	332	696
	<u>Porcellana sorjata</u> Say	861			
PAGURIDAE (hermit crabs)	<u>Pagurus annulipes</u> (Stimpson)	944			
	<u>Pagurus cokeri</u> Hay	1026			
	<u>Pagurus curacaoensis</u> (Benedict)	307	1054		
	<u>Pagurus floridanus</u> (Benedict)	274			
	<u>Parapagurus pilosimanus</u> Smith	319			
	<u>Pylopagurus corallinus</u> (Benedict)	728	730		
	<u>Pylopagurus bartletti</u> (A. Milne Edwards) ?	954	1026		
	<u>Sympagurus pictus</u> Smith	127 163	307 319	382 482	516 1107
	<u>Dardanus insignis</u> (Saussure)	1024			
	<u>Paguristes triangulatus</u> A. Milne Edwards & Bouvier ?	1003			
LITHODIDAE	<u>Neolithodes agassizii</u> (Smith)	351			
RANINIDAE	<u>Lyreidus bairdii</u> Smith	60 61 93	126 127 162	307 325 503	542 1054 1094

Family	Species	Station Numbers			
		Incomplete locality list			
RANINIDAE (contd.)	<u>Raninoides loevis</u> (Latreille)	34	1057		
	<u>Raninoides louisianensis</u> Rathbun	73	162	340	1060
		85	307	342	1253
		93	326	393	
		156	331	662	
		158	332	944	
	DROMIIDAE	<u>Dromidia antillensis</u> Stimpson	33	411	898
		218	569	902	976
		251	727	934	982
THELXIOPEIDAE	<u>Thelxiope barbata</u> (Fabricius)	218	326		
DORIPPIDAE	<u>Clythrocerus perpusillus</u> Rathbun	35			
	<u>Cyclodorippe bouvieri</u> Rathbun	1005			
	<u>Ethusa microphthalma</u> Smith	27	93	326	503
		36	156		
LEUCOSIIDAE	<u>Myropsis quinquespinosa</u> Stimpson	2	265	954	1343
		27	325	1024	
		36	945	1026	
	<u>Persephona crinita</u> Rathbun				
		Sta. ?			
	<u>Persephona punctata aquilonaris</u> Rathbun	982			
	<u>Iliacantha liodactylus</u> Rathbun	411			
	<u>Iliacantha subglobosa</u> Stimpson	33	35	896	1026

Family	Species	Station Numbers			
		Incomplete locality list			
CALAPPIDAE (box crabs)	<u>Acanthocarpus alexandri</u> Stimpson	27	93	158	696
		60	156	332	920
	<u>Acanthocarpus bispinosus</u> A. Milne Edwards	273	1007	1010	
	<u>Calappa angusta</u> A. Milne Edwards	33	35	963	
	<u>Calappa flammea</u> (Herbst)	436	441	719	
	<u>Calappa springeri</u> Rathbun	73			
	<u>Calappa sulcata</u> Rathbun	869			
	<u>Hepatus epheliticus</u> (Linnaeus)	185	274	441	569
		188			
		<u>Osachila tuberosa</u> Stimpson	944		
PORTUNIDAE (swimming crabs)	<u>Bathynectes superba</u> (Costa)	273	726	1007	1321
		590	1005	1283	
	<u>Benthochascon schmitti</u> Rathbun	60	270	481	1247
		62	272	491	1276
		127	307	503	
		162	351	1054	
		260	382	1094	
	<u>Arenaeus cribrarius</u> (Lamarck)	107			
	<u>Callinectes danae</u> Smith	103	107		
	<u>Callinectes ornatus</u> Ordway	110	342	662	720
	132	387	719		

Family	Species	Station Numbers Incomplete locality list			
PORTUNIDAE (contd.)	<u>Portunus</u> (<u>Portunus</u>) <u>gibbesii</u> (Stimpson)	449	982		
	<u>Portunus</u> (<u>Portunus</u>) <u>sayi</u> (Gibbes)	1035			
	<u>Portunus</u> (<u>Achelous</u>) <u>depressifrons</u> (Stimpson)	449			
	<u>Portunus</u> (<u>Achelous</u>) <u>ordwayi</u> (Stimpson)	907			
	<u>Portunus</u> (<u>Achelous</u>) <u>spinicarpus</u> (Stimpson)	2	158	684	945
		33	331	896	1003
	74	332	897	1060	
	85	411	917	1253	
	156	662	944	1343	
	<u>Portunus</u> (<u>Achelous</u>) <u>spinimanus</u> Latreille	449	719	907	983
		562	720		
ATELECYCLIDAE	<u>Trachycarcinus</u> <u>spinulifer</u> Rathbun	279	319	637	
XANTHIDAE	<u>Glyptoxanthus</u> <u>erosus</u> (Stimpson)	861			
	<u>Leptodius</u> <u>agassizii</u> A. Milne Edwards	861			
	<u>Lobopilumnus</u> <u>agassizii</u> (Stimpson)	34	959		
	<u>Menippe</u> <u>mercenaria</u> (Say) (stone crab)	276	933		
	<u>Pilumnus</u> <u>floridanus</u> Stimpson	935	1004	1021	
	<u>Pilumnus</u> <u>sayi</u> Rathbun	889	902	907	967
	<u>Tetraxanthus</u> <u>rathbunae</u> Chace	36	273	325	945
	218				

Family	Species	Station Numbers			
		Incomplete locality list			
GONEPLACIDAE	<u>Bathyplax typhla</u> A. Milne Edwards	319	635	1018	1019
		549			
	<u>Geryon affinis</u> A. Milne Edwards and Bouvier	489			
	<u>Trizocarcinus tacitus</u> Chace	273			
	<u>Goneplax hirsuta</u> Borradaile	35	331	332	920
	218				
	<u>Panoplax depressa</u> Stimpson	1004			
CYMOPOLIIDAE	<u>Cymopolia gracilis</u> Smith	1005	1018		
	<u>Cymopolia obesa</u> A. Milne Edwards	36	325	920	1253
		273	326	945	
GRAPSIDAE	<u>Euchirograpsus americanus</u> A. Milne Edwards	1343			
MAJIDAE	<u>Anasimus latus</u> Rathbun	2	158	393	1004
		72	331	892	1024
		88	332		
	<u>Arachnopsis filipes</u> Stimpson	33			
	<u>Collodes leptocheles</u> Rathbun	36	325	1094	
	<u>Podochela lamelligera</u> (Stimpson)	33	733		
	<u>Podochela riisei</u> Stimpson	976			
	<u>Pyromaia arachna</u> Rathbun	27	162	696	954
		36	265	920	1005
		60	314	945	1093
	61	503			

Family	Species	Station Numbers			
		Incomplete locality list			
MAJIDAE (contd.)	<u>Stenorynchus seticornis</u> (Herbst)	33	727	944	1025
		35	896	967	1060
		411	935		
	<u>Chorinus heros</u> (Herbst)	449			
	<u>Libinia emarginata</u> Leach (spider crab)	274			
	<u>Nibilia antilocapra</u> (Stimpson)	406	1024		
	<u>Rochinia crassa</u> (A. Milne Edwards)	62	279	481	599
		127	307	500	637
		270	319		
	<u>Rochinia hystrix</u> (Stimpson)	260	314	953	1342
		273	603	1026	
	<u>Rochinia umbonata</u> (Stimpson)	279	319		
	<u>Macrocoeloma eutheca</u> (Stimpson)	727			
	<u>Macrocoeloma septemspinum</u> (Stimpson)	892			
	<u>Macrocoeloma trispinosum</u> nodipes (Desbonne)	251	902		
	<u>Mithrax</u> (<u>Mithrax</u>) <u>cornutus</u> Saussure	1003			
	<u>Mithrax</u> (<u>Mithrax</u>) <u>pleuracanthus</u> Stimpson	251	901	933	976
		449	902		
	<u>Mithrax</u> (<u>Mithraculus</u>) <u>forceps</u> (A. Milne Edwards)	976			
	<u>Stenocionops furcata coelata</u> (A. Milne Edwards)	727	937	967	

Family	Species	Station Numbers			
		Incomplete locality list			
MAJIDAE (contd.)	<u>Stenocionops spinimana</u> (Rathbun)	60			
	<u>Stenocionops spinosissima</u> (Saussure)	33	158	265	
	<u>Tyche emarginata</u> White	901			
PARTHENOPIDAE	<u>Leiolambrus nitidus</u> Rathbun	393	844		
	<u>Parthenope</u> (<u>Parthenope</u>) <u>agonus</u> (Stimpson)	35 896	897	944	945
	<u>Parthenope</u> (<u>Platylambrus</u>) <u>fraterculus</u> (Stimpson)	892	896		
	<u>Parthenope</u> (<u>Platylambrus</u>) <u>pourtalesii</u> (Stimpson)	33	35	218	
	<u>Parthenope</u> (<u>Platylambrus</u>) <u>serrata</u> (H. Milne Edwards)	635			
SQUILLIDAE (mantis shrimp)	<u>Gonodactylus oerstedii</u> Hansen	276			
	<u>Squilla brasiliensis</u> Calman	88 90 101 103	107 156 159 162	332 340 342 662	843 845 920 944
	<u>Squilla empusa</u> Say	110 123 185	188 274 342	562 720 845	982
	<u>Squilla heptacantha</u> (Chace)	1340			
	<u>Squilla intermedia</u> Bigelow	36 60	103 158	273 326	332 945 1343

Family	Species	Station Numbers Incomplete locality list	
SQUILLIDAE (contd.)	<u>Squilla neglecta</u> Gibbes	993	
	<u>Squilla quadridens</u> Bigelow	896	
	<u>Squilla rugosa</u> Bigelow	449	907

PARTIAL LIST OF GASTEROPOD, LAMELLIBRANCH
AND CEPHALOPOD MOLLUSKS

Collections made on Oregon cruises have included relatively small numbers of offshore bottom-dwelling mollusks. Few exploratory-fishing operations were carried out with gear specially designed to pick up shells, and the trawls used extensively for exploration for shrimp were designed to avoid the collection of bottom trash including shells.

Special attention has been given to the collection of series of living mollusks for preservation with the soft parts intact.

Identifications of this material have been made by Harvey R. Bullis, Jr. (Gasteropoda and Pelecypoda) and Dr. Gilbert L. Voss, University of Miami (Cephalopoda).

PARTIAL LIST OF GASTEROPOD, LAMELLIBRANCH
AND CEPHALOPOD MOLLUSKS

Family	Species	Station Numbers				
		Incomplete locality list				
SCAPHANDRIDAE	<u>Scaphander watsoni watsoni</u> Dall	257	489			
	<u>Scaphander watsoni rehderi</u> Bullis	307	1246	1251	1284	
		640	1247	1282 (type loc.)		
	<u>Scaphander clavus</u> Dall	1107	1244			
	<u>Scaphander nobilis</u> Verrill	1303				
TROCHIDAE (top shells)	<u>Gaza superba</u> Dall	127	307	319	379	516
		279				
	<u>Solariella lubrica</u> Dall	538				
TURBINIDAE	<u>Turbo castaneus</u> Gmelin (chestnut turban)	357				
TURRITELLIDAE	<u>Turritella exoleta</u> Lime (eastern turret shell)	406	892	961	963	
	<u>Turritella variegata</u> Lime	892				
ARCHITECTONICIDAE	<u>Architectonica nobilis</u> Roding (common sun-dial)	138	442	518	536	1081
		355				
	<u>Architectonica peracuta</u> Dall (keeled sun-dial)	518				
CERITHIOPSISIDAE	<u>Cerithiopsis crystallina</u> Dall	1011				

Family	Species	Station Numbers					
		Incomplete locality list					
XENOPHORIDAE	<u>Xenophora conchyliophora</u> Born (Atlantic carrier-shell)	232	246	874	1004	1021	
		239	873	980	1020	1022	
	<u>Tugurium caribaeum</u> Petit	218	266	278	953	954	
		243	277	948			
	<u>Tugurium longleyi</u> Bortsch	218	257	517	954	1008	
		219	266	541	1005	1009	
		231	269	546	1006	1010	
		243	270	953	1007	1011	
	STROMBIDAE (conchs)	<u>Strombus costatus</u> Gmelin (milk conch)	240	988			
		<u>Strombus pugilis alatus</u> Gmelin (West Indian fighting conch)	226	439	442	445	992
237			440	443	540	1080	
333			441	444	959	1085	
334							
<u>Strombus raninus</u> Gmelin (hawk-wing conch)		240					
CYPRAEIDAE		<u>Cypraea cervus</u> Linne (Atlantic deer cowrie)	223				
NATICIDAE	<u>Polinices duplicatus</u> Say (shark eye)	274					
CASSIDIDAE	<u>Sconsia striata</u> Lamarck (royal bonnet)	78	288	302	354	394	
		81	289	326	356	497	
		83	299	331	358	520	
		90	301	334	393	540	
		285					

Family	Species	Station Numbers					
		Incomplete locality list					
CASSIDIDAE (contd.)	<u>Morum dennisoni</u> Reeve	353	919				
	<u>Phalium granulatum</u> Born (scotch bonnet)	202	237	397	536	874	
		226	308	487	537	1004	
		227	313	504	872	1049	
		232	355	507			
	<u>Cassis madagascariensis</u> spinella Clench (clench's helmet)	226	246	357			
	CYMATIIDAE	<u>Cymatium krebsi</u> (Morch, 1877)	407				
		<u>Cymatium martinianum</u> Orbigny (Atlantic hairy triton)	237	1020			
		<u>Distorsio clathrata</u> Lamarck	234	443	513	888	1056
			235	444	538	891	1058
		239	445	869	941	1059	
		440	504	871	998	1087	
		441	506	873	1050	1088	
		442					
<u>Distorsio constricta mcgintyi</u> Emerson and Puffer		355	447	487			
TONNIDAE		<u>Tonna galea</u> Linne (giant tun)	265	294	332	333	358
	<u>Eudolium crosseanum</u> Monterosato (crosse's tun)	516	1007				
	<u>Oocorys bartschi</u> Rehder	243	281	484	953	1007	
		273	482	947	1005	1008	
	<u>Oocorys barbouri</u> Clench and Aguiayo	1009					

Family	Species	Station Numbers				
		Incomplete locality list				
FICIDAE	<u>Ficus communis</u> Roding (common fig shell)	274	357	982	1049	
MURICIDAE	<u>Murex cabriti</u> Bernardi	219 230	237 238	354 357	407	1021
	<u>Murex recurvirostris</u> rubidus F. C. Baker 504					
	<u>Murex recurvirostris</u> <u>sallasi</u> Rehder and Abbott 406					
	<u>Murex beau</u> i Fisher and Bernardi	256 257 265	266 269 273	277 278 497	540 953	955 1055
	<u>Murex pomum</u> Gmelin	251 254	355 415	506 536	561 959	996
	<u>Murex fulvescens</u> Sowerby	181 227 274 313	415 439 440	441 442 443	444 445 507	513 1081 1085
	<u>Murex hidalgoi</u> Crosse	231	955			
	<u>Murex florifer</u> <u>florifer</u> Reeve	34 222 223 224 251	325 357 411 415 873	874 892 896 929	938 963 967 980	988 992 993 996
	<u>Murex cellulosus</u> Conrad	980				
	<u>Murex nuttingi</u> Dall	273				

Family	Species	Station Numbers				
		Incomplete locality list				
MURICIDAE (contd.)	<u>Murex bequaerti</u> Clench and Farfante	257 269	277	325	540	947
	<u>Murex pazi</u> Crosse	36	218	278		
	<u>Murex tryoni</u> Hidalgo	406	920	1025		
	<u>Thais haemastoma haysae</u> Clench (Hays' rock shell)	274				
MAGILIDAE	<u>Coralliophila deburghiae</u> Reeve	231				
BUCCINIDAE	<u>Colubraria lanceolata</u> Menke (arrow dwarf triton)	988				
MELONGENIDAE	<u>Busycon contrarium</u> Conrad (lightning whelk)	245 246	260 292	308 313	397 442	1058
	<u>Busycon spiratum</u> Lamarck (pear whelk)	237	274	308	311	
	<u>Busycon coarctatum</u> Sowerby (turnip whelk)	406	1049			
FASCIOLARIIDAE	<u>Fasciolaria tulipa</u> Linne (tulip shell)	223	967	992	1004	
	<u>Fasciolaria distans</u> Lamarck	218 231	256 487	504	505	1020
	<u>Pleuroploca gigantea</u> Kiener (Florida horse conch)	222	240	997	1085	

Family	Species	Station Numbers					
		Incomplete locality list					
FASCIOLARIIDAE	<u>Fusinus timesus</u> Dall (turnip spindle)	35	292	353	358	959	
		83	331	355	874	964	
		232	332	357	919	1088	
		277					
		<u>Fusinus eucosmius</u> Dall (ornamented spindle)	256	278	406	935	1087
			277	281	896	944	
		<u>Fusinus couei</u> Petit	83	263	355	407	1050
		<u>Fusinus halistreptus</u> Dall	243				
	XANCIDAE	<u>Xancus angulatus</u> Solander (West Indian chank)	223	440	442	444	445
		439	441	443			
		<u>Siphovasum latifrons</u> Rehder and Abbott	218	223	1087		
OLIVIDAE	<u>Oliva sayana</u> Ravenel (lettered olive)	506	941	1003	1081		
VOLUTIDAE	<u>Scaphella junonia</u> Shaw	223	232	313	415	874	
		226	255	331	487	906	
		229	292	348	513	996	
		230					
		<u>Scaphella dubia</u> Broderip	36	242	277	472	947
			74	243	278	482	955
			157	265	307	484	1094
			158	269	380	540	1095
			231				

Family	Species	Station Numbers					
		Incomplete locality list					
VOLUTIDAE (contd.)	<u>Scaphella robusta</u> Dall	164	279	490	542	954	
		270	321	491	549	1009	
		271	379	503	947	1026	
		272	489	532	953		
CONIDAE	<u>Conus spurius atlanticus</u> Clench (alphabet cone)	245	419	440	444	1050	
		407	423	441	445	1059	
		411	436	442	447		
		415	439	443	560		
		<u>Conus spurius aureofasciatus</u> Rehder and Abbott (golden-banded cone)	415				
		<u>Conus daucus</u> Hwass (carrot cone)	961				
		<u>Conus sennottorum</u> Rehder and Abbott	440				
		<u>Conus sozoni</u> Bartsch	223	261	332	354	492
			226	292	333	358	561
			246	325	334	406	
			260	326	353	407	
		<u>Conus verrucosus</u> Hwass (warty cone)	505				
		<u>Conus stimpsoni</u> Dall	231	873	892	893	896
			326				
	<u>Conus mazei</u> Deshayes	36	277	540	1045	1095	
		265	325	947	1094		
	<u>Conus austini</u> Rehder and Abbott	83	390	441	504	1082	
		88	396	442	505	1083	
		261	406	443	520	1084	
		285	407	444	538	1087	
		332	432	445	888		
		388	440	487	1059		

Family	Species	Station Numbers				
		Incomplete locality list				
CONIDAE (contd.)	<u>Conus clarki</u> Rehder and Abbott					
		218	487	1056	1059	1087
		334	504	1057	1084	1088
	<u>Conus fosteri</u> Clench and Aguayo					
		155	231	278	325	695
		157	269	281	540	947
	218					
TEREBRIDAE	<u>Terebra dislocata</u> Say (common Atlantic auger)					
		1083				
	<u>Terebra taurinum</u> Solander (flame auger)					
	260	396	525	838		
	<u>Terebra floridana</u> Dall					
		874	943			
TURRIDAE	<u>Gemmula periscelida</u> Dall (Atlantic gem turret)					
		307	546	1006	1011	1016
		379	1005	1007	1015	1091
		513				
	<u>Polystira albida</u> Perry (white giant turret)					
		157	235	244	505	1059
		226	236	268	520	1087
		227	237	355	1056	1088
		234	239	504	1058	
	<u>Polystira tellea</u> Dall (delicate giant turret)					
		261	281	332	354	536
		265	292	333	358	538
		266	306	334	390	540
		277	331	353	492	546
	<u>Ancistrosyrinx radiata</u> Dall (common star turret)					
	935					
<u>Ancistrosyrinx elegans</u> Dall (elegant star turret)						
	1005	1006	1015	1016		

Family	Species	Station Numbers				
		Incomplete locality list				
TURRIDAE (contd.)	<u>Genota viabrunnea</u> Dall	489	1006	1007	1011	
	<u>Drillia ancestra</u> Dall	1006	1007	1016		
	<u>Leucosyrinx tenoceras</u> Dall	525	532	542		
SOLEMYIDAE	<u>Solemya grandis</u> ? Verrill	1006				
	<u>Arca zebra</u> Swainson (turkey wing)	222	251			
	<u>Anadara baughmani</u> Hertlein (Baughman's ark)	167 284 299	302 326	332 333	334 353	354 506
	<u>Noeti ponderosa</u> Say (ponderous ark)	274				
MYTILIDAE	<u>VolSELLA politus</u> Verrill and Smith	266 270	279 472	482 517	542 548	1016
	<u>VolSELLA sagittatus</u> Rehder	163	218			
PTERIIDAE	<u>Pteria colymbus</u> Roding	536	537	539	997	
PECTINIDAE (scallops)	<u>Amusium dalli</u> E. A. Smith	501	542	1018		
	<u>Amusium papyraceus</u> Gabb (paper scallop)	261 264 284 299 301 302 306	333 334 353 354 363 392 393	394 407 432 442 487 504 505	536 537 538 539 941 942 943	1083 1084 1087

Family	Species	Station Numbers				
		Incomplete locality list				
PECTINIDAE (scallops)	<u>Pecten benedicti</u> Verrill and Bush	232	303	538	939	1020
		238	326	892	960	1021
		249	442	937	971	1022
	<u>Pecten gibbus</u> Linne (calico scallop)	223	313	870	874	1088
		251	355	871	940	
		252	356	872	941	
		253	357	873	1056	
	<u>Pecten glyptus</u> Verrill (Tyron's scallop)	218	266	277	325	540
		256	273	278		
	<u>Pecten muscosus</u> Wood (rough scallop)	218	237	442	561	1088
		223	238	518	873	
		227	239	537	959	
		232	246	538	1087	
	<u>Pecten nodosus</u> Linne (lion's paw)	222	357	971	1003	1047
		246	898	988	1004	
	<u>Pecten phrygium</u> Dall	356				
	<u>Pecten raveneli</u> Dall	356	872	889	898	944
		357	873	892	940	964
		442	874	897	941	1088
		871				
	<u>Pecten tereinus</u> Dall	222	406			
PROPEAMUSSIIDAE	<u>Propeamussium pourtalesianum</u> Dall (glass scallop)	956				

Family	Species	Station Numbers Incomplete locality list				
SPONDYLIDAE	<u>Spondylus americanus</u> Hermann (Atlantic thorny oyster)	297	449			
LIMIDAE	<u>Lima scabra</u> Born (rough lima)	218	902			
OSTREIDAE	<u>Ostrea frons</u> Linnaeus ('coon oyster)	251	334			
	<u>Crassostrea virginica</u> Gmelin (eastern oyster)	239	313			
CRASSATELLIDAE	<u>Eucrassatella speciosa</u> A. Adams (Gibb's clam)	237 239 313	487 504	506 507	871 891	998 1088
CARDITIDAE	<u>Venericardia armilla</u> (Dall, 1903)	1094	1095			
LUCINIDAE	<u>Lucina filosa</u> Stimpson	500	696	1006	1007	1016
	<u>Anodontia alba</u> Link	227				
CHAMIDAE	<u>Chama macerophylla</u> Gmelin (leafy jewel box)	224	966	1081		
	<u>Echinochama arcinella</u> Linne (spiny jewel box)	239	504	997		
CARDIIDAE (cockle shells)	<u>Microcardium peramabile</u> Dall (eastern micro-cockle)	218	268	540	550	1096
	<u>Laevicardium laevigatum</u> Linne (common egg cockle)	487 505	506 507	561 870	873 892	1058

Family	Species	Station Numbers Incomplete locality list				
CARDIIDAE (contd.)	<u>Dinocardium robustum</u> Solander (giant Atlantic cockle)	202	513			
VENERIDAE	<u>Chione cancellata</u> Linne (cross-barred Venus)	980				
	<u>Chione intapurpurea</u> Conrad	872	980			
	<u>Chione latilirata</u> Conrad (imperial Venus)	396 504	507 870	1081 1084	1087	1088
	<u>Pitar cordata</u> Schwengel	167 219 235	237 239 284	302 393 394	487 504 538	1084
	<u>Callista eucymata</u> Dall	230	874	892	898	
	<u>Macrocallista maculata</u> Linne (calico clam)	250	253	254	976	
SEPIOLIDAE	<u>Rossia equalis</u> Voss	34	314	550	864	
	<u>Rossia tenera</u> (Verrill)	Sta. ?				
	<u>Rossia bullisi</u> Voss	382	501 (type loc.)	516	639	
	<u>Rossia antillensis</u> Voss	490	1006	1009	1011	1012
LOLOGINIDAE (common squids)	<u>Lolliguncula brevis</u> (Blainville) (dwarf squid)	149 150	187 426	440 638	851	864

Family	Species	Station Numbers				
		Incomplete locality list				
LOLOGINIDAE (contd.)	<u>Loligo peali</u> Lesueur (common squid)	35	148	313	407	490
		98	149	328	425	618
LYCOTEUTHIDAE	<u>Lycoteuthis diadema</u> (Chun)	321	382	481		
	<u>Oregoniateuthis springeri</u> Voss 382 (type loc.)					
ENOPLOTEUTHIDAE	<u>Abrali veranyi</u> (Ruppell)	545	546	636		
	<u>Abraliopsis</u> species undetermined 127					
OCTOPODOTEUTHIDAE	<u>Octopodoteuthis megaptera</u> (Verrill) 796					
ONYCHOTEUTHIDAE	<u>Onychia caribaea</u> Lesueur 1038					
	<u>Onychoteuthis banksi</u> (Leach) 1038 1070 1088					
	<u>Ancitroteuthis lichtensteini</u> (Orbigny) 1305					
PHOLIDOTEUTHIDAE	<u>Pholidoteuthis adami</u> Voss 81 481 549 640 382 (type loc.)					
HISTIOTEUTHIDAE	<u>Calliteuthis reversi</u> Verrill 384 1018					
BATHYTEUTHIDAE	<u>Bathyteuthis abyssicola</u> Hoyle 1028					
ONMASTREPHIDAE (flying squids)	<u>Illex illecebrosus</u> (Lesseur) (sea arrow) 481 482					
	<u>Ommastrephes pteropus</u> Steenstrup 829 852 1038 1070 1086					

Family	Species	Station Numbers			
		Incomplete locality list			
CHIROTEUTHIDAE	<u>Chiroteuthis lacertosa</u> - Verrill	384			
	<u>Mastigoteuthis</u> species undetermined	796			
	<u>Grimalditeuthis bowlandi</u> (Verany)	1273			
CRANCHIDAE	<u>Cranchia scabra</u> Leach	516			
OPISTHOTEUTHIDAE	<u>Opistoteuthis agassizi</u> Verrill	350			
OCTOPODIDAE	<u>Tetracheledone spincirrus</u> Voss	489	1006		
	<u>Octopus vulgaris</u> Lamarck (common octopus)	33	34	141	142
	<u>Octopus burryi</u> Voss	82	232	237	440
	<u>Pteroctopus tetracirrus</u> (Delle Chiaje)	307	445	476	481 1006
	<u>Benthoctopus januari</u> (Hoyle)	445	481	516	
ALLOPOSIDAE	<u>Alloposus mollis</u> Verrill	383	597	1106	
TREMOCTOPODIDAE	<u>Tremoctopus violaceus</u> Delle Chiaje	1027	1077		

LIST OF FISHES

The 630 species of fish identified from Oregon collections made in the Gulf of Mexico represent a good sample of the kinds of fish readily caught by shrimp trawls in depths from 10 to 250 fathoms. Shrimp trawls were used also for a few drags out to depths of 1200 fathoms and for a few inside the 10 fathom curve. Exploratory drags were made with 40-foot nets in areas where no commercial fishing had been carried on. Where catches with the 40-foot nets were promising, larger nets were used to obtain a better assessment of the production potential. A small amount of the total fishing effort was made with a variety of other gear such as handlines, traps, lift nets, lampara nets, purse seines, and bottom set lines. Beginning in May 1954, longlines were used in offshore waters usually supplemented by night fishing at the surface with lights to attract fishes within reach of dip nets or cast nets.

We are indebted to Henry B. Bigelow and William C. Schroeder for identification of most of the sharks and rays. Hagfish and chimaera specimens and the smaller sharks and rays were forwarded to the Museum of Comparative Zoology at Harvard College for examination. Ten new species have been described from this material and holotypes have been deposited in the U. S. National Museum. Identifications of the larger sharks and rays were made aboard the Oregon by members of the staff of the Pascagoula station.

Identification of large numbers of fishes from the Oregon collections were made by Loren P. Woods and Marion Grey of the Chicago Natural History Museum, by Royal D. Suttkus of Tulane University, and by Giles Mead of the U. S. Fish and Wildlife Service. Special lots or series in special groups were identified by G. S. Myers of Stanford University, Luis Rivas and Victor Springer of the University of Miami, Henry Hildebrand of the University of Texas, David Caldwell and Leonard Giovannoli of the University of Florida, L. P. Schultz, E. A. Lachner, and Robert Kanazawa of the U. S. National Museum, Hurst N. Shoemaker of the Gulf Coast Research Laboratory, and others.

Routine identification and records of the catches at sea were made by the staff of the Pascagoula exploratory fishing station. As a general rule, at least one determination of each species has been made by a qualified specialist. The authors have attempted to eliminate doubtful records while including as many locality records as possible. At the same time the authors have tried to avoid questions of nomenclature by including identifications under the names supplied by the specialist identifying the material. Errors and inconsistencies are perhaps inevitable and are the responsibility of the authors. Family names are given merely for convenience in the presentation of the distribution data and do not indicate an opinion on the part of the authors as to the proper arrangement.

LIST OF FISHES IDENTIFIED FROM COLLECTIONS
MADE IN THE GULF OF MEXICO AND ADJACENT SEAS

Family	Species	Station Numbers						
		Incomplete locality list						
MYXINIDAE (hagfishes)	<u>Paramyxine springeri</u> Bigelow and Schroeder (gulf hagfish)							
		489	(type loc.)	1026				
HEXANCHIDAE (cowsharks)	<u>Heptanchias perlo</u> (Bonnaterre) (seven-gilled shark)							
		1272	1400					
ISURIDAE (mackerel sharks)	<u>Isurus oxyrinchus</u> Rafinesque (mako)							
		1112	1129	1149	1170	1173	1232	1358
		1117						
ALOPTIDAE (thresher sharks)	<u>Alopias vulpinus</u> (Bonnaterre) (thresher shark)							
		Yng. female, 12/11/53, off Petit Bois Island, Alabama.						
ORECTOLOBIDAE (nurse sharks)	<u>Ginglymostoma cirratum</u> (Bonnaterre) (nurse shark)							
		338	364					
RHINCODONTIDAE (whale sharks)	<u>Rhincodon typus</u> Smith (whale shark)							
		482 (sight record)						
SCYLIORHINIDAE (cat sharks)	<u>Apristurus atlanticus</u> (Koefoed)							
		534	1426					
	<u>Galeus arae</u> (Nichols)							
		489	1007	1276	1326	1351	1354	1355
		490	1010	1321				
	<u>Scyliorhinus retifer</u> (Garman) (cat shark)							
		307	480	491	541	639	1246	1326
		321	481	501	546	947	1258	1327
		351	490	516	636	1054	1320	1388
		474						
	<u>Scyliorhinus torrei</u> Howell-Rivero							
		1340	1343					
TRIAKIDAE (smoothhounds)	<u>Mustelus canis</u> (Mitchill) (Atlantic smooth dogfish)							
		4	293	344	362	488	594	1098
		70	324	361	364	502	806	1185

Family	Species	Station Numbers Incomplete locality list						
CARCHARHINIDAE ("typical" sharks)	<u>Carcharhinus acronotus</u> (Poey) (blacknosed shark)	235	237	238				
	<u>Carcharhinus leucas</u> (Muller and Henle) (bull shark)	Pascagoula dock						
	<u>Carcharhinus limbatus</u> (Muller and Henle) (lesser blacktip shark)	520						
	<u>Carcharhinus maculipinnis</u> (Poey) (greater blacktip shark)	629	804	1317	1319	1373	1375	
	<u>Carcharhinus porosus</u> Ranzani (puppy shark)	Pascagoula dock						
	<u>Eulamia altima</u> Springer (bignose shark)	27A						
	<u>Eulamia floridanus</u> (Bigelow, Schroeder and Springer) (silk shark)	8	502	1045	1151	1173	1299	1368
		48	570	1062	1154	1175	1301	1369
		65	600A	1071	1157	1179	1314	1371
		94	620	1074	1158	1181	1316	1373
	127	621	1098	1160	1182	1317	1375	
	132	820	1144	1161	1285	1319	1377	
	324	821	1145	1163	1287	1358	1381	
	389	829	1146	1164	1296	1360		
	488	837	1149	1170	1297	1362		
	<u>Eulamia milberti</u> (Muller and Henle) (sandbar shark)	1099						
	<u>Eulamia obscurus</u> (LeSueur) (dusky shark)	1043	1130	1301	1310	1316	1319	1366
		1099	1298	1308	1315	1317		
	<u>Galeocerde cuvier</u> (LeSueur) (tiger shark)	27A 1228						

Family	Species	Station Numbers Incomplete locality list						
CARCHARHINIDAE (contd.)	<u>Pterolamiops longimanus</u> (Poey) (whitetip shark)	489	1074	1135	1163	1228	1298	1358
		593A	1077	1136	1164	1230	1301	1360
		600A	1099	1138	1167	1232	1304	1362
		807	1101	1139	1169	1235	1306	1364
		820	1103	1140	1173	1286	1308	1366
		1036	1115	1145	1175	1287	1310	1368
		1039	1117	1146	1177	1288	1314	1371
		1043	1120	1154	1179	1289	1315	1373
		1062	1123	1156	1181	1290	1316	1375
		1065	1125	1157	1182	1292	1317	1377
		1069	1129	1158	1225	1295	1319	1379
		1071	1130	1160	1227	1296	1356	1381
		1073	1132	1161				
		<u>Scoliodon terra-novae</u> (Richardson) (sharpnose shark)	3	627	804			
	SPHYRNIDAE (hammerhead sharks)	<u>Sphyrna diplana</u> Springer (common tropical hammerhead)	59	312	336	361	514A	628
		<u>Sphyrna tiburo</u> (Linnaeus) (bonnetnose shark)	628	854	886			
		<u>Sphyrna tudes</u> (Valenciennes) (great hammerhead)	27A					
SQUALIDAE (spined dogsharks)	<u>Centrophorus granulosus</u> (Bloch and Schneider)	1246						
	<u>Centrophorus uyato</u> (Rafinesque)	278	490	501	515	516		
	<u>Etmopterus pusillus</u> (Lowe)	1281						
	<u>Etmopterus schultzi</u> Bigelow, Schroeder and Springer (fuzzy dog fish)	257	319	474	489	542	636	1260
	270	321	476	490	548	639	1261	
	271	379	482	491	549	640	1262	
	279 (type loc.)			532	618	1106		

Family	Species	Station Numbers						
		Incomplete locality list						
SQUALIDAE (contd.)	<u>Etmopterus virens</u> Bigelow, Schroeder and Springer (green-bellied dogfish)							
		61	321	489	532	636	1055	1281
		62	351	490	541	637	1107	1390
		127	382	491	546	795	1246	
		307	474	501	(type loc.)		1247	
	<u>Squalus cubensis</u> Howell-Rivero (Cuban spined dogfish)							
		251	278	474	550	1341	1343	1404
		257						
	<u>Squalus fernandinus</u> Molina 490							
DALATIIDAE	<u>Dalatias licha</u> (Bonnaterre) 1275 1429							
SQUATINIDAE (angel sharks)	<u>Squatina dumeril</u> (LeSueur) (Atlantic monkfish)							
		65	88	132	331	337	497	944
		75	102	288	333	353	698	1385
		85	104	306	334	354	920	
PRISTIDAE (sawfishes)	<u>Pristis pectinatus</u> Latham (sawfish) 154 176							
RHINOBATIDAE (guitarfishes)	<u>Rhinobatos lentiginosus</u> (Garman) (spotted guitarfish)							
		147	440	713	715	898	906	929
		247	445	714	716	904		
TORPEDINIDAE (electric rays)	<u>Benthobatis marcida</u> Bean and Weed (deep-sea electric ray) 1341 1343 1344 1345							
	<u>Narcine brasiliensis</u> (Olfers) (lesser electric ray)							
		149	713	715	725	881	882	885
		509	714	716				
RAJIDAE (skates)	<u>Breviraja atripinna</u> Bigelow and Schroeder (black-fin skate) 1342							

Family	Species	Station Numbers Incomplete locality list						
RAJIDAE (contd.)	<u>Breviraja colesi</u> Bigelow and Schroeder	1341	1344	1345				
	<u>Breviraja plutonia</u> (Garman)	1010						
	<u>Breviraja sinus-mexicanus</u> Bigelow and Schroeder							
		62	309	382	481	500	1091	1107
		162	319	472	489	947	1093	
		307	351	476	490	1054	1106	
	<u>Breviraja spinosa</u> Bigelow and Schroeder	1351						
	<u>Cruriraja poeyi</u> Bigelow and Schroeder	1341	1342	1343				
	<u>Pseudoraja fischeri</u> Bigelow and Schroeder	726 (type loc.)						
	<u>Raja eglanteria</u> Lacepede (clearnose skate)	329	872?					
	<u>Raja fuliginea</u> Bigelow and Schroeder	534 (type loc.)						
<u>Raja lentiginosa</u> Bigelow and Schroeder	222 (type loc.)			279	500	953	1094	
	256	257	278	318	945	1054		
<u>Raja olseni</u> Bigelow and Schroeder	157 (type loc.)			158	332	353		
<u>Raja teevani</u> Bigelow and Schroeder	279 (type loc.)							

Family	Species	Station Numbers Incomplete locality list						
RAJIDAE (contd.)	<u>Raja texana</u> Chandler (Texas skate)	5	89	235	430	531	651	894
		30	91	263	432	554	655	904
		52	132	308	436	555	658	905
		69	149	329	440	560	666	917
		70	150	333	445	595	672	919
		73	153	347	446	596	710	921
		82	154	388	514	609	844	924
		83	169	397	519	611	848	1083
		84	170	416	522	614	854	
		88	171	417	523	615	869	
ANACANTHOBATIDAE	<u>Springeria folirostris</u> Bigelow and Schroeder							
		127 (type loc.)			541	947	1258	1389
		379	474	484	546	1091	1262	
		382	476	489	637	1106	1263	
		472	481	503	639	1249	1276	
DASYATIDAE (sting rays)	<u>Dasyatis americana</u> Hildebrand and Schroeder (sting ray)	202	274	607	885	886		
	<u>Dasyatis centroura</u> (Mitchill) (sting ray)	103	178					
	<u>Dasyatis say</u> (LeSueur) (sting ray)	133	254	274	692			
GYMNURIDAE (butterfly rays)	<u>Gymnura micrura</u> (Bloch and Schneider) (lesser butterfly ray)	10	308	509	531	609	885	887
		133	313	519	596	881	886	901
		274	342					
UROLOPHIDAE	<u>Urolophus jamaicensis</u> (Cuvier) (round sting ray)	713	714	715	716	717	718	
MYLIOBATIDAE (eagle rays)	<u>Myliobatis freminvillii</u> LeSueur (eagle ray)	885						
	<u>Aetobatis narinari</u> (Euphrasen) (spotted eagle ray)	104						

Family	Species	Station Numbers			
		Incomplete locality list			
RHINOPTERIDAE (cow-nosed rays)	<u>Rhinoptera bonasus</u> (Mitchill) (cownose ray) 346 1085				
MOBULIDAE (devilfish)	<u>Manta birostris</u> (Donndorff) (devil ray) 105				
	<u>Mobula</u> species undetermined 132				
CHIMAERIDAE (ratfish)	<u>Hydrolagus alberti</u> Bigelow and Schroeder 279 (type loc.) 382 516	534	542	543	795
ACIPENSERIDAE (sturgeons)	<u>Acipenser (Oxyrhynchus) de sotoi</u> Vladykov (southern sea sturgeon) Mississippi Sound				
ELOPIDAE (lady-fish)	<u>Elops saurus</u> Linnaeus (bigeye herring-ladyfish-skipjack when used for snapper bait) 757 801 827				
ALBULIDAE (bonefish)	<u>Albula vulpes</u> (Linnaeus) (bonefish) near Arcas in 10 fathoms 713 714 715 716				
CLUPEIDAE (herring-like fishes)	<u>Alosa alabamae</u> Jordan & Evermann (Alabama shad) Petit Bois Island, March 10, 1954				
	<u>Brevortia gunteri</u> Hildebrand (menhaden) 666				
	<u>Brevoortia patronus</u> Goode (menhaden) 387 623 626 627				
	<u>Clupanodon pseudohispanicus</u> (Poey) 20 611 804				
	<u>Sargocentron clupei</u> Cuvier & Valenciennes (razorbelly) 764 771 774 787				

Family	Species	Station Numbers Incomplete locality list					
CLUPEIDAE (contd.)	<u>Harengula humeralis</u> Cuvier & Valenciennes (razorbelly) Alacran 787						
	<u>Harengula pensacolae</u> Goode & Bean (razorbelly)	40	783	801	812	839	844 882
		42	784	802	818	840	848 835
		738	791	804	836	842	863 886
	<u>Opisthonema oglinum</u> (LeSueur) (thread herring-hairyback)	10	630	749	772	784	818 836
		40	631	753	774	804	828 839
		45	746	754	783	812	835 840
		626	748	764			
	<u>Pomolobus chrysochloris</u> Rafinesque 886						
	<u>Sardinella anchovia</u> Valenciennes (Spanish sardine)	421	445	784	835	839	Arcas
	440	651	789	836	860	Destin, Fla.	
<u>Signalosa petenensis</u> (Gunther) 187							
DUSSUMIERIIDAE (round herrings)	<u>Etrumeus sadina</u> (Mitchill) 1097						
	<u>Etrumeus teres</u> (DeKay) (round herring)	42	588	686	735	895	1083 1087
		585					
	<u>Jenkinsia lamprotaenia</u> (Gosse) (majua)	764	767	771	774	782	783 789
	<u>Jenkinsia</u> species undetermined Alacran, Arcas, 1046						
DOROSMIDAE	<u>Dorosoma cepedianum</u> (LeSueur) (gizzard shad) 184						

Family	Species	Station Numbers Incomplete locality list						
ENGRAULIDAE (anchovies)	<u>Anchoa cubana</u> (Poey)	836	839					
	<u>Anchoa hepsetus colonensis</u> Hildebrand	45						
	<u>Anchoa hepsetus hepsetus</u> (Linnaeus) (anchovy)	105	616	774	802	812	828	931
		426	617	801	804	818	863	1109
		427	764					
	<u>Anchoa lamprotaenia</u> Hildebrand (anchovy)	42	764	774	789			
	<u>Anchoa lyolepis</u> (Evermann & Marsh) (anchovy)	742	804	818	828	836	839	840
		758	812					
	<u>Anchoa mitchilli</u> (Cuvier & Valenciennes) (anchovy)	52	348	802	804	812	818	931
	<u>Anchoa mitchilli diaphana</u> Hildebrand (anchovy)	818						
	<u>Anchoviella perfasciata</u> (Poey)	839	840	1142				
ALEPOCEPHALIDAE (slickheads)	<u>Binghamichthys antillarum</u> (Goode & Bean)	640						
	<u>Leptoderma macrops</u> Vaillant	543	549					
	<u>Leptoderma springeri</u> Mead and Bohlke	640	(type loc.)					
	<u>Talismania oregoni</u> Parr	349	(type loc.)	640				
	<u>Xenodermichthys copei</u> (Gill)	597						

Family	Species	Station Numbers						
		Incomplete locality list						
ARGENTINIDAE (deepsea smelts)	<u>Argentina striata</u> Goode and Bean							
		36	265	314	726	1010	1321	1384
		62	269	472	858	1026	1329	1388
		156	277	484	864	1091	1343	
		164	278	550	946	1320	1383	
STOMIATIDAE	<u>Stomias affinis</u> Gunther							
		383	796					
BATHYLAGIDAE	<u>Bathylagus</u> species undetermined							
		1028						
	<u>Bathylagus microcephalus</u> Norman							
		1028?						
MELANOSTOMIATIDAE	<u>Echiostoma margarita</u> Goode and Bean							
		550						
	<u>Echiostoma tanneri</u> (Gill)							
		796						
	<u>Eustomias bigelowi</u> Welsh							
		841						
	<u>Leptostomias ramosus</u> Regan and Trewavas							
		1425						
IDIACANTHIDAE	<u>Idiacanthus fasciola</u> Peters							
		796						
MALACOSTEIDAE	<u>Photostomias guernei</u> Collett							
		543	796	841				
ASTRONESTHIDAE	<u>Astronesthes cyaneus</u> (Brauer)							
		829	841					
	<u>Astronesthes gemmifer</u> Goode and Bean							
		549						
	<u>Borostomias braueri</u> Parr							
		1028						
CHAULIODONTIDAE (viperfishes)	<u>Chauliodus sloani</u> Bloch and Schneider (viper fish)							
		61	382	549	636	796	1028	1244
		62	383	597	795	841	1243	1248
		321	542					

Family	Species	Station Numbers Incomplete locality list						
GONOSTOMIDAE	<u>Cyclothone braueri</u> Jespersen and Taning	841						
	<u>Cyclothone microdon</u> (Gunther)	796	841	1028				
	<u>Gonostoma elongata</u> (Gunther)	543	640	796	841	1028		
	<u>Yarrella blackfordi</u> Goode and Bean	279	542	549	637	640	1019	1055
		319	543	597				
	<u>Yarrella corythaeola</u> Alcock	382	1054	1056				
MAUROLICIDAE	<u>Maurolicus mulleri</u> (Gmelin)	841						
	<u>Valenciennellus tripunctulatus</u> (Lutken)	1028						
STERNOPTICHIDAE	<u>Argyropelecus gegas</u> Norman	841	1302					
	<u>Argyropelecus amabilis</u> Ogilby	1028						
	<u>Polyipnus asteroides</u> Schultz	272	542	543	636	796	841	1093
		351						
	<u>Sternoptyx diaphana</u> Hermann	534	796	841	1028	1042	1073	11123
	543							
HALOSAURIDAE	<u>Halosaurus guntheri</u> Goode and Bean	349	640					
	<u>Aldrovania gracilis</u> Goode and Bean	1303						
	<u>Aldrovania pallida</u> Goode and Bean	1303						
NOTAGANTHIDAE	<u>Notacanthus analis</u> Gill	640						

Family	Species	Station Numbers Incomplete locality list					
ANGUILLIDAE (common eels)	<u>Anguilla rostrata</u> (LeSueur) (common eel) 844						
SYNAPHOBRANCHIDAE (deep-sea eels)	<u>Synaphobranchus kaupii</u> Johnson 640 1303						
CONGRIDAE (conger eels)	<u>Ariosoma selenops</u> Reid 1341 1343						
	<u>Conger caudilimbatus</u> (Poey) 947						
	<u>Conger</u> species undetermined 546 701						
	<u>Conger oceanicus</u> (Mitchill) (conger eel) 1283						
	<u>Congermuraena impressa</u> (Poey) 9						
	<u>Coloconger raniceps</u> Alcock 1019						
	<u>Congrina flava</u> (Goode and Bean) 5 35 175 710 847 1005 1007 9 161 431 731 896						
	<u>Congrina dubius</u> (Breder) 484 947 1006 1246 1264 1283 1412 546						
	<u>Congrina gracilior</u> Ginsburg 5 944 1343						
	<u>Congrina thysanochila</u> Reid 1341						
	<u>Hoplunnis diomedianus</u> (Goode and Bean) 920						
	<u>Hoplunnis macrurus</u> Ginsburg 49 (Type loc.) 161 523 652 719 82 106 159 285 616 697 944						

Family	Species	Station Numbers Incomplete locality list						
CONGRIDAE (cont.d.)	<u>Hoplunnis tenuis</u> Ginsburg	156	265	944	1340	1341	1344	1345
	<u>Promyllantor schmitti</u> Hildebrand	543						
	<u>Uroconger syringinus</u> Ginsburg	9	10 (type loc.)			1421		
DYSOMMINIDAE	<u>Dysomma aphododera</u> Ginsburg	945						
	<u>Dysommina rugosa</u> Ginsburg	1005						
NETTASTOMIDAE	<u>Venefica procera</u> (Goode and Bean)	1426						
ECHELIDAE	<u>Ahlia egmontis</u> (Jordan)	34	791					
	<u>Myrophis punctatus</u> Lutken	34	371	868				
OPHICHTHYIDAE (snake-eels)	<u>Bascanichthys teres</u> (Goode and Bean)	791						
	<u>Myrichthys acuminatus</u> (Gronow)	313	713	714	715	716	791	
	<u>Mystriophis mordax</u> (Poey)	147	175	340				
	<u>Ophichthus gomesii</u> (Castelnau)	313	605	714	716	845	848	1185
		488	713	715	844			
	<u>Ophichthus ocellatus</u> (LeSueur)	328	867	879	894	895	941	943
	<u>Letharchus velifer</u> Goode and Bean	546						
MURANENIDAE (morays)	<u>Gymnothorax funebris</u> (Ranzani) (green moray)	440	Arcas					

Family	Species	Station Numbers						
		Incomplete locality list						
MURAENIDAE (morays)	<u>Gymnothorax migromarginatus</u> (Girard)	201	710	725	946			
	<u>Gymnothorax moringa</u> (Cuvier) Arcas							
	<u>Gymnothorax ocellatus</u> Agassiz	34	232	396	700	894	919	943
		82	313	551	873	897	938	944
		83	329	561	879	905	940	955
		85	357	568	887	916	941	
	<u>Gymnothorax saxicola</u> Jordan and Davis	219	713	715	727	728	729	730
		662	714	716				
ARIIDAE (sea catfishes)	<u>Bagre marina</u> (Mitchill) (gafftopsail catfish)	153	258	261	632	689	844	887
		154	259	520				
	<u>Galeichthys felis</u> (Linnaeus) (sea catfish)	140	386	535	682	827	854	885
		254	387	611	683	832	856	886
		274	505	628	689	835	862	887
		294	507	659	692	842	863	888
		296	510	666	818	844	881	899
		342	520	675	822	849	882	931
		378	522	681				
SCOPELARCHIDAE or EVERMANNELLIDAE	species undet. (yng.)	796						
AULOPIDAE	<u>Aulopus filamentosus</u> Bloch	1025						
SYNODONTIDAE (lizard fish)	<u>Saurida brasiliensis</u> Norman	55	617	895	1081	1082	1083	1087
		616	843	1055				
	<u>Saurida normani</u> Longley	16	253	331	406	851	945	1382
		32	273	388	615	895	946	1383
		34	277	396	731	938	1254	1384
		36	313	398	733	944	1256	

Family	Species	Station Numbers						
		Incomplete locality list						
SYNODONTIDAE (contd.)	<u>Saurida</u> species undetermined							
		140	283	284	662	732	847	866
		281						
	<u>Saurida parri</u> Norman							
		1345						
	<u>Synodus cinereus</u> Hildebrand							
		Bahama Bank, 1 mile west of Cat Cay, 7/22/55 - 6 Fathoms						
	<u>Synodus foetens</u> (Linnaeus)							
	(common lizardfish)							
		30	425	711	849	892	919	944
		34	427	713	851	894	921	945
		45	430	714	854	898	923	1020
		86	431	715	856	899	925	1048
		250	432	716	861	900	927	1060
		264	487	718	863	905	936	1066yg
		388	611	720	873	906	937	1074yg
		407	615	783	886	907	941	1080
		409	616	791	887	909	942	1081
		412	617	804	888	910	943	1086
		413	710	812	889	913		
	<u>Synodus intermedius</u> (Agassiz)							
		32	282	728	896	916	924	938
		33	406	829?yng	898	917	925	939
		34	407	845	905	919	927	1082
		35	409	873	906	922	935	1083
		63	725	891	915	923	937	1086
		233	727	893				
	<u>Synodus poeyi</u> (Jordan)							
		406	412	720	662	710	732	1058
		407	711					
	<u>Synodus synodus</u> (Linnaeus)							
	Arcas							

Family	Species	Station Numbers						
		Incomplete locality list						
SYNODONTIDAE (cont d.)	<u>Trachinocephalus myops</u> (Forster)							
	(snakefish)							
		32	259	407	710	718	864	939
		34	263	408	713	727	915	1048
		82	264	409	714	728	916	1049
		219	284	412	715	852	917	1057
		222	313	413	716	858	936	1086
		226	354	415	717	859	937	1127
		256	357	603				
	SUDIDAE	<u>Chlorophthalmus agassizii</u> Bonaparte						
		62	382	532	795	1005juv.	1016	1026
		277	472	599	954	1011	1019	1054
		332	484	726				
<u>Chlorophthalmus chalybeius</u> (Goode)								
		61	1007	1091	1106	1107	1388	1389
		163						
<u>Chlorophthalmus triculentus</u> Goode and Bean								
		163	270	542	1005	1012	1088	1384
		269	516	726	1007	1054	1091	1389
<u>Sudis intermedius</u> (Poey)								
		489						
BATHYPTEROIDAE		<u>Bathypterois viridensis</u> Roule						
	1425	1426						
BENTHOSAURIDAE	<u>Benthosaurus grallator</u> Goode and Bean							
	1019							
MYCTOPHIDAE (lantern fishes)	<u>Ceratoscopelus</u> species undetermined							
		841						
	<u>Diaphus dumerili</u> (Bleeker)							
		541	1077					
	<u>Diaphus garmani</u> Gilbert							
		1077						
	<u>Diaphus intermedius</u> (Borodin)							
		541						
<u>Diaphus problematicus</u> Parr								
	786							

Family	Species	Station Numbers Incomplete locality list						
MYCTOPHIDAE (contd.)	<u>Hygophum benoiti</u> (Cocco)	841						
	<u>Hygophum hygomi</u> (Lutken)	837 1038						
	<u>Hygophum macrochir</u> (Gunther)	1063 1066 1074						
	<u>Lampanyctus ater</u> Taning	796						
	<u>Lampanyctus guntheri</u> Goode and Bean	841						
	<u>Centrobranchus nigroocellatus</u> (Gunther)	1305	1038	1063	1068	1074	1076	1102
		1307	1042	1066				
	<u>Gonichthys coccoi</u> (Cocco)	1042 1052 1066						
	<u>Lampanyctus</u> species undetermined	796 841						
	<u>Lampanyctus alatus</u> Goode and Bean	841						
	<u>Lampanyctus surpralateralis</u> Parr	543						
	<u>Myctophum affine</u> (Lutken)	612A	841	1052	1072	1100	1121	1138
		620	852	1063	1074	1102	1127	1142
	786	1035	1066	1076	1104	1130	1305	
	819	1038	1068	1077	1110	1133	1307	
	820	1044	1070	1078	1116	1137	1318	
	829							
<u>Myctophum benoiti</u> (Cocco)	1038							
<u>Myctophum asperum</u> Richardson	1035	1038	1063	1072	1076			

Family	Species	Station Numbers						
		Incomplete locality list						
MYCTOPHIDAE (contd.)	<u>Myctophum obtusirostris</u> Taning	1038	1063	1074				
	<u>Myctophum rufinum</u> Taning	1038	1044	1066	1070	1074	1076	1113
		1042	1052	1068	1072			
	<u>Neoscopelus macrolepidotus</u> Johnson	597	1019					
ALEPISAUROIDAE (lancetfishes)	<u>Alepisaurus ferox</u> Lowe (lancetfish)	1045	1112	1135	1166	1223	1274	1364
		1053	1114	1136	1167	1225	1285	1366
		1065	1115	1139	1169	1230	1308	1371
		1071	1117	1149	1173	1235	1316	1373
		1073	1120	1151	1175	1237	1317	1375
		1079	1123	1154	1184	1242	1362	1377
		1111	1129	1156				
ATELIOPIDAE	<u>Ijimaia loppei</u> Roule	639	795					
IPNOPIDAE	<u>Ipnops murrayi</u> Gunther	1303						
BELONIDAE (needlefishes)	<u>Ablennes hians</u> (Valenciennes) (flat needlefish)	20	620	791	792	837	1044	1492
	<u>Strongylura acus</u> (Lacepede) Arcas							
	<u>Strongylura ardeola</u> (Cuvier and Valenciennes) Alacran			34	1305			
	<u>Strongylura longleyi</u> Breder	3	786	791				
	<u>Strongylura notata</u> (Poey) Golfo Batabano							
	<u>Strongylura rapidoma</u> (Ranzani) 837							

Family	Species	Station Numbers						
		Incomplete locality list						
HEMIRAMPHIDAE (halfbeaks)	<u>Euleptorhamphus velox</u> Poey (flying halfbeak)	34	819	838	1044	1052	1089	1307
	<u>Hemiramphus brasiliensis</u> (Linnaeus) (ballyhoo)	618 620	771 775	786	791	839	1035	1305
	<u>Hemiramphus balao</u> LeSueur	1064	1070	1072	1074	1104		
	<u>Hyporhamphus unifasciatus</u> (Ranzani) (halfbeak)	628	802	804	837	839	840	862
EXOCOETIDAE (flyingfish)	<u>Cypselurus cyanopterus</u> (Valenciennes) (fourwing flyingfish)	600 829	837 1044	1063 1066	1076	1100	1121	1124
	<u>Cypselurus exsiliens</u> (P.L.S. Muller)	820	1044	1070	1121	1130	1133	
	<u>Cypselurus fureatus</u> (Mitchill)	792 819 820 1035	1038 1044 1052 1063	1068 1072 1074	1076 1078 1100	1104 1121 1124	1130 1131 1133	1139 1142 1307
	<u>Cypselurus heterurus</u> (Rafinesque)	20 34 638 780	786 792 820	1035 1044 1063	1070 1072 1074	1076 1089 1100	1102 1121 1124	1137 1305 1307
	<u>Exocoetus obtusirostris</u> Gunther	780 819 820	1035 1038 1044	1064 1068 1070	1072 1074 1076	1078 1083	1100 1102	1104 1133
	<u>Halocypselurus evolans</u> (Linnaeus)	1134	1191	1305				

Family	Species	Station Numbers							
		Incomplete locality list							
EXOCOETIDAE (contd.)	<u>Hirundichthys affinis</u> (Gunther)	316	1032	1044	1064	1068	1072	1104	
		792	1035	1063	1066	1070	1074		
	<u>Oxyporhamphus micropterus similis</u> Brunn	612A	829	1072	1100	1113	1130	1139	
		819	1052	1074	1102	1119	1133	1142	
		820	1070	1076	1104	1121	1137		
	<u>Parexocoetus brachypterus hillianus</u> (Gosse)	34	780	829	1063	1088	1119	1191	
		710	792	837	1066	1100	1121	1307	
		771	819	852	1070	1104	1139	1313	
		775	820	1044	1074	1113			
	<u>Parexocoetus mesogaster</u> (Bloch)	1305							
	<u>Prognichthys gibbifrons</u> Valenciennes	375	820	1038	1066	1074	1121	1142	
		388	829	1063	1068	1089	1124	1305	
		600	852	1064	1070	1104	1127	1313	
		791	1035						
	<u>Prognichthys rondeletii</u> (Valenciennes)	375	820	1032	1038	1052	1070	1076	
		388	865	1035	1044	1063	1072	1078	
		792							
	MACROURIDAE (grenadiers)	<u>Bathygadus macrops</u> Goode and Bean	279	472	484	542	543	597	1019
		<u>Bathygadus vaillanti</u> Roule and Angel	349	534	542	543	640	1019	
		<u>Cariburus mexicanus</u> Parr	534						
<u>Cariburus zaniophorus</u> (Vaillant)		279	349	543	635				
<u>Chalinura murrayi</u> Gunther		1303							

Family	Species	Station Numbers						
		Incomplete locality list						
MACROURIDAE (grenadiers) (contd.)	<u>Coelorhynchus caribbaeus</u> (Goode and Bean)	61	162	260	266	472	600	1093
		62	164	265	382	484	1018	1106
	<u>Coelorhynchus caminatus</u> (Goode)	42	270	542	599	726	1006	1019
		163	272	597	635	1005	1012	1354
		260	279					
	<u>Gadomus arcuatus</u> (Goode and Bean)	534						
	<u>Gadomus longifilis</u> (Goode and Bean)	349	534	640				
	<u>Hymenocephalus cavernosus</u> (Goode and Bean)	61	272	532	597	1019	1054	1091
		163	382	542	726			
	<u>Malacocephalus occidentalis</u> Goode and Bean	61	163	382	532	543	1007	1093
		62	269	472	541	726	1012	1332
		162	270	484	542	1005	1019	
	<u>Nezumia hildebrandi</u> Parr	279	349	543	597	635	640	1019
	<u>Oxygadus occa</u> (Goode and Bean)	534						
	<u>Squalogadus</u> species undetermined	22	1426					
	<u>Trachonurus sulcatus</u> (Goode and Bean)	349						
	<u>Steindachneria argentea</u> (Goode and Bean)	61	260	266	472	541	851	1107
		62	265	382	484	614	1106	
	<u>Ventrifossa atlantica</u> Parr	534	1054					
BREGMACEROTIDAE	<u>Bregmaceros atlanticus</u> Goode and Bean	61	602	616	732			

Family	Species	Station Numbers						
		Incomplete locality list						
GADIDAE (codfishes, hakes, etc.)	<u>Gadella maraldi</u> (Risso)							
		61	383	532	546	635	1005	1106
		62	472	541	597	636	1091	1389
		307	484	542	599	795		
		<u>Laemonema barbatulum</u> Goode and Bean						
		271	1005	1006	1007	1012	1332	1354
		279						
		<u>Laemonema varrelli</u> Lowe						
		1005						
		<u>Laemonema</u> species undetermined						
	726							
	<u>Melanonus unipennis</u> Beebe							
	841							
	<u>Physiculus fulvus</u> Bean							
	36	265	281	406	701	954	1026	
	<u>Phycis floridanus</u> Bean and Dressel (southern hake)							
	2	614	728	806	876	882	1086	
	36	684	792	864	877			
	<u>Phycis chesteri</u> Goode and Bean							
	1012?							
	<u>Phycis cirratus</u> Goode and Bean							
	16	115	265	382	698	896	946	
	60	156	272	599	847	944		
	<u>Phycis regius</u> (Walbaum) (spotted hake)							
	858	1009	1086					
MERLUCIIDAE (whitings)	<u>Merluccius magnoculus</u> Ginsburg							
	270 (type loc.)			1005	1094	1106	1328	

Family	Species	Station Numbers							
		Incomplete locality list							
MERLUCIIDAE (whitings) (cont d.)	<u>Merluccius</u> species undetermined ^{1/} (whiting-silver hake)								
		61	281	472	500	548	732	1280	
		62	319	474	501	549	795	1282	
		163	321	478	503	550	864	1284	
		164	351	482	515	590	1026	1320	
		266	379	489	532	597	1276	1388	
		272	380	490	543	600	1278	1389	
		278	382	491	546	726	1279	1390	
		279							
	BOTHIDAE (flatfishes)	<u>Ancylopsetta dilecta</u> (Goode and Bean)							
			2	66	158	219	529	864	920
		32	156	180	273	733	895	955	
		<u>Ancylopsetta quadrocellata</u> Gill							
		30	165	290	446	602	715	863	
		39	169	440	447	713	716	876	
		71	180	445	528	714	855	967	
		158							
		<u>Bothus ocellatus</u> (Agassiz)							
		34	409	711	727	907	1004	1049	
		222	440	713	728	954	1020	1050	
		255	445	718	729	997	1021	1057	
		406	446	720	730	998	1048	1059	
		407	710	725	892				
		<u>Citharichthys cornutus</u> (Gunther) (horned sand dab)							
	32	36	277	710	844	858	895		
	33	156	278	732	845	864			
	<u>Citharichthys macrops</u> Dressel (sand dab)								
	133	445	713	716	916	998	1049		
	140	508	714	915	997	1048	1050		
	440	710	715						
	<u>Citharichthys spilopterus</u> Gunther (whiff)								
	45	615	843	845					

^{1/} Ginsburg's description of M. magnoculus was not published until after these determinations were made. Specimens from several of these stations are still available in museum collections.

Family	Species	Station Numbers						
		Incomplete locality list						
BOTHIDAE (contd.)	<u>Cyclopsetta chittendeni</u> B.A. Bean							
		30	161	283	440	614	711	1057
		109	170	406	445	615	713-	1058
		110	171	413	446	616	718	1083
		153	264	430	522	710	720	1087
		154						
		<u>Cyclopsetta fimbriata</u> (Goode and Bean)						
		35	710	714	716	843	998	1020
		264	713	715	725	844	1004	1086
		406						
		<u>Engophrys sentus</u> Ginsburg						
		1086						
		<u>Etropus crossotus</u> Jordan and Gilbert						
		30	274	445	615	710	863	1080
		185	440	611				
		<u>Etropus microstomus</u> (Gill)						
		39	861	863				
		<u>Gastropsetta frontalis</u> B. A. Bean						
		959	1021	1059				
	<u>Monolene antillarum</u> Norman							
	32	60	266	281	726	1010	1012	
	36	265	277	603	864			
	<u>Monolene sessilicauda</u> Goode							
	1005							
	<u>Poecilopsetta beani</u> (Goode)							
	34	266	382	501	696	1007	1055	
	36	281	472	541	954	1012	1091	
	164	314	484	542	1005	1026	1093	
	265	351	500	546	1006	1054	1094	
	<u>Poecilopsetta inermis</u> Breder							
	1012							
	<u>Syacium micrurum</u> Ranzani							
	944	997	1020	1054	1058	1059	1060	

Family	Species	Station Numbers							
		Incomplete locality list							
BOTHIDAE (contd.)	<u>Syacium gunteri</u> Ginsburg								
		30	274	616	718	848	866	1081	
		32	413	617	720	849	892	1082	
		39	440	652	843	851	1057	1083	
		56	445	710	844	855	1058	1086	
		140	611	711	845	859	1080	1094	
		156	615	713-					
		<u>Syacium papillosum</u> (Linnæus)							
			16	406	715	727	861	894	959
			34	407	716	728	862	916	1003
			35	710	717	729	863	917	1004
			39	713	718	730	865	937	1049
			264	714	725	856	876	944	1050
			274						
		<u>Trichopsetta ventralis</u> (Goode and Bean)							
			2	156	265	529	603	858	1087
			25	158	283	541	614	864	1095
			65	180	406	602	847	1083	
	PARALICHTHYIDAE (flounders)	<u>Paralichthys albigutta</u> Jordan and Gilbert (sand flounder)							
			855	856					
<u>Paralichthys lethostigmus</u> Jordan and Gilbert (southern flounder)									
		45	99	117	128	175	520	628	
		54	100	119	138	264	521	849	
		70	110	120	170	346	522	854	
		88	112	123					
<u>Paralichthys triocellata</u> Miranda Ribeiro									
		1086							
<u>Paralichthys squamilentus</u> Jordan and Gilbert (deep-water flounder)									
		27	158	268	331	393	550	864	
		60	168	273	333	395	600	895	
		103	180	281	334	472	603	1254	
		107	256	326	354	476	696	1383	
		132	265	329	382	484	858	1384	
ACHIRIDAE (soles)	<u>Achirus lineatus</u> (Linnaeus)								
		185	387	881	882				

Family	Species	Station Numbers						
		Incomplete locality list						
ACHIRIDAE (contd.)	<u>Gymnachirus texas</u> (Gunther)							
	(naked flounder)							
		7	83	159	337	440	595	711
		10	84	170	341	445	614	713
		26	85	176	388	519	617	714
		56	86	288	430	523	681	715
		57	109	301	431	529	684	716
		70	131	306	432	537	685	720
		72	150	313	436	551	710	1060
		81						
	<u>Gymnachirus williamsoni</u> Gunter							
		652	713	714	715	716	944	
	<u>Trinectes maculatus</u> (Mitchill)							
	(hogchoker)							
		185	187	259	274	387	881	882
		186	258					
CYNOGLOSSIDAE (tonguefish)	<u>Symphurus civitatum</u> Ginsburg							
		187	445	615	713-	718	843	848
		411	446	616	710	720		
		440						
		<u>Symphurus diomedianus</u> (Goode and Bean)						
		34	56	440	697	720	1085	1086
		55	59	445	710	1050		
		<u>Symphurus marginatus</u> (Goode and Bean)						
			635	1012				
		<u>Symphurus parvus</u> Ginsburg						
		407	1086					
	<u>Symphurus pelicanus</u> Ginsburg							
		28	431					
	<u>Symphurus plagiusa</u> (Linnaeus)							
		274	881	1081	1086			
	<u>Symphurus urospilus</u> Ginsburg							
		440	445	713-	718	997		

Family	Species	Station Numbers						
		Incomplete locality list						
POLYMIXIIDAE	<u>Polymixia lowei</u> Gunther	60	273	484	954	1054	1094	1328
		62	281	500	1018	1091	1106	1340
		164	382	501	1026	1093	1107	1343
		269	472	599				
DIRETMIDAE	<u>Diretmus argenteus</u> Johnson	635						
TRACHICHTHYIDAE	<u>Gephyroberyx darwini</u> (Johnson)	312	314					
	<u>Hoplostethus mediterraneus</u> Cuvier and Valenciennes	472	516	597	636	637	1093	1329
		484						
	<u>Hoplostethus</u> (species undetermined)	1389						
CAULOLEPIDAE	<u>Caulolepis longidens</u> Gill	796	1053					
HOLOCENTRIDAE (squirrelfish)	<u>Holocentrus coruscus</u> (Poey)	Arcas						
	<u>Holocentrus ascensionis</u> Osbeck	362	846	1077				
	<u>Holocentrus bullisi</u> Woods	35	646	725	727	892		
		222 (type loc.)						
	<u>Holocentrus vexillarius</u> (Poey)	820	Arcas					
	<u>Myripristis jacobus</u> Cuvier and Valenciennes	638						
	<u>Osteichthys trachypomus</u> (Gunther)	829	1343					
GIBBERICHTHYIDAE	<u>Gibberichthys pumilus</u> Parr	1425						
MELAMPHAIDAE	<u>Melamphaes megalops</u> Lutken	640	181					

Family	Species	Station Numbers Incomplete locality list					
MELAMPHAIDAE (contd.)	<u>Melamphaes triceratops</u> 841						
ANOPLOGASTERIDAE	<u>Anoplogaster cornutus</u> (Valenciennes) 1425						
REGALICIDAE	<u>Regalicus glesne</u> (Ascanius) 1250						
ZEIDAE	<u>Cyttopsis roseus</u> (Lowe) 60 382 541 546 636 1007 1093 314 532						
	<u>Zenion hololepis</u> (Goode and Bean) 382 491 542 1026 1054 1091 1093						
	<u>Zenopsis ocellata</u> (Storer) 22 326 353 476 541 795 1382 164 331 354 532 603 955 1383 314 333 356						
GRAMMICOLEPIDAE	<u>Grammicolepis brachiusculus</u> Poey 383 472 484 1054						
	<u>Xenolepidichthys dalgleishi</u> Gilchrist 314						
	<u>Xenolepidichthys</u> species undetermined 1263 1389						
SYNGNATHIDAE (pipefishes and seahorses)	<u>Hippocampus hudsonius</u> DeKay (seahorse) 237 387 707 727 730 1022 1086 381 508 708 729 731						
	<u>Hippocampus punctulatus</u> Guichenot 40 713 714 715 716 725 732						
	<u>Micrognathus crinigerum</u> (Bean and Dressel) 791						
	<u>Micrognathus vittatus</u> (Kaup) Arcas						
	<u>Syngnathus</u> species undetermined 1032 1070						

Family	Species	Station Numbers Incomplete locality list						
SYNGNATHIDAE (contd.)	<u>Syngnathus elucens</u> Poey	791	1074					
	<u>Syngnathus floridae</u> (Jordan and Gilbert)	595						
	<u>Syngnathus louisianae</u> Gunther	802						
	<u>Syngnathus pelagicus</u> Linnaeus (ocean pipefish)	1038	1089	1102	1104	1130	1133	1139
		1074	1100					
FISTULARIIDAE (cornet fishes)	<u>Fistularia tabacaria</u> Linnaeus (trumpet fish)	263	332	407	408	447	710	1102
		265						
MACRORHAMPHOSIDAE (snipefishes)	<u>Macrorhamphosus scolopax</u> (Linnaeus)	27	550	1026	1094	1383	1384	1385
		281						
ATHERINIDAE (silversides)	<u>Allanetta araea</u> (Jordan and Gilbert)	764	789					
	<u>Atherinomorus stipes</u> (Muller and Troschel) (hardhead)	764	771	791	Arcas	1046		
	<u>Membras vagrans</u> (Goode and Bean)	804	806					
	<u>Menidia beryllina peninsulae</u> (Goode and Bean)	742						
MUGILIDAE (mullet)	<u>Mugil cephalus</u> Linnaeus (striped mullet)	1074yng.		1078yng.		1100yng.		
	<u>Mugil curema</u> Cuvier and Valenciennes (white mullet)	1313yng.?						

Family	Species	Station Numbers						
		Incomplete locality list						
SPHYRAENA (barracudas)	<u>Sphyraena barracuda</u> (Walbaum) (great barracuda)	8(5/15/50)	618	1287	1288	1293	1368	
		Pascagoula Harbor	11-7-53	1292	1295	1377		
		377						
	<u>Sphyraena borealis</u> DeKay (northern barracuda)	849						
	<u>Sphyraena guachancho</u> Cuvier and Valenciennes	58	445	651	710	714	716	887
		424	595	667	711	715	842	1086
		440	650	668	713			
POLYNEMIDAE (threadfins)	<u>Polydactylus octonemus</u> Girard (eight-fingered threadfin)	426	432	848	1062yng	1076yng		
		427	447	849	1063yng	1078yng		
		428	658	854	1064yng	1089		
		430	710	1035yng	1066yng	1100		
		431	845	1052yng	1074yng			
ACANTHOCYBIIDAE (wahoos)	<u>Acanthocybium solandri</u> (Cuvier and Valenciennes) (wahoo)	5/12/50	1122	1145	1179	1235	1315	1364
		743	1139	1146	1181	1286	1358	1375
		1039	1143	1163	1227	1291	1360	1377
		1064	1144	1164	1229	1295		
CYBIIDAE (tropical mackerels)	<u>Scomberomorus cavalla</u> (Cuvier) (king mackerel)	643						
	<u>Scomberomorus maculatus</u> (Mitchill) (Spanish mackerel)	609	630	683	791	805	832	854
		626	658	751	801	818		
	<u>Scomberomorus regalis</u> (Bloch) (cero)							
	Tortugas							
SCOMBRIDAE (mackerels)	<u>Scomber grex</u> Mitchill (chub mackerel)	347	775	847				

Family	Species	Station Numbers Incomplete locality list						
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THUNNIDAE

Auxis thazard (Lacepede)
(tunas and bonitos) (frigate mackerel)

806yg	829yg	1032yg	1076yg	1110yg	1134yg	1174yg
819yg	831yg	1052yg	1088yg	1113yg	1139yg	1185yg
820yg						

Euthynnus alletteratus (Rafinesque)
(little tuna)

2	570	580	643	770	850	1139yg
12	572	612yg	735	819yg	851	1174yg
559	574	619	743	824	1127yg	1185yg
563A						

Katsuwonus pelamis (Linnaeus)
(white skipjack--oceanic bonito)

582	1036	1071	1103	1132	1160	1301
612	1043	1073	1105	1138	1179	1358
777	1053	1075	1111	1139	1225	1360
778	1063yg	1077	1114	1144	1227	1364
779	1065	1099	1120	1145	1289	1366
820yg	1067	1101	1122	1146	1296	1379

Thunnus alalunga (Gmelin)
(albacore)

1289	1290	1291	1293	1295	1296
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Thunnus albacares Bonnaterre
(yellowfin tuna)

619	1133	1149	1175	1235	1312	1364
620	1135	1151	1177	1237	1314	1366
1068yg	1136	1154	1179	1289	1315	1368
1072	1138	1156	1181	1290	1316	1369
1076	1139	1158	1182	1291	1317	1371
1123	1140	1160	1184	1293	1319	1373
1125	1143	1161	1225	1295	1356	1375
1126	1144	1163	1227	1296	1358	1377
1128	1145	1164	1228	1299	1360	1379
1129	1146	1166	1229	1301	1362	1381
1130	1147	1173	1230	1304		

Family	Species	Station Numbers						
		Incomplete locality list						
THUNNIDAE (contd.)	<u>Thunnus atlanticus</u> (Lesson)							
	(blackfin tuna)							
		612	828	1133	1158	1286	1356	1368
		613	1073	1135	1166	1296	1358	1369
		758	1112	1138	1181	1297	1360	1371
		777	1114	1140	1182	1298	1362	1373
		778	1125	1143	1223	1306	1364	1379
		779	1128	1144	1225	1312	1366	1381
		824	1132	1156	1232			
		<u>Thunnus obesus</u> Lowe						
		(big-eye tuna)						
		1291						
		<u>Thunnus thynnus</u> Storer						
		(bluefin tuna)						
		828	1273	1287	1293	1295	1296	1297
	<u>Sarda sarda</u> (Bloch)							
	(Atlantic bonito)							
	Arcas							
GEMPYLIDAE (snake mackerels)	<u>Epimula orientalis americana</u> Grey							
		60	265	269	281	948	1343	
	<u>Epimula magistralis</u> Poey							
		948	1094	1341				
	<u>Neolotus tripes</u> Johnson							
		1074	1076	1123				
	<u>Promethichthys prometheus</u> (Cuvier and Valenciennes)							
		61						
	<u>Ruvettus pretiosus</u> Cocco							
		1260						
TRICHIURIDAE (cutlassfishes)	<u>Benthodesmus tenuis</u> (Gunther)							
		61	268	382	516	532	636	
		62					795	
	<u>Benthodesmus simonyi</u> (Steindachner)							
		1409						

Family	Species	Station Numbers							
		Incomplete locality list							
TRICHIURIDAE (cont d.)	<u>Trichiurus lepturus</u> Linnaeus (Atlantic cutlassfish)	30	81	134	346	555	659	806	
		50	82	136	378	609	660	827	
		52	85	170	386	614	661	844	
		53	86	283	387	616	666	848	
		56	88	285	429	617	672	850	
		57	91	290	519	626	681	851	
		58	101	301	520	627	682	853	
		59	105	306	521	628	684	861	
		69	109	313	522	650	685	882	
		70	131	341	535	658	710	1054	
		72	132						
	ISTIOPHORIDAE	<u>Istiophorus americanus</u> (Cuvier and Valenciennes) (Atlantic sailfish)	near 620ad	831yg	1119yg	1139yg	1177	1304	1362
			819yg	1043	1124yg	1145yg	1185yg	1356	1371
		820yg	1051	1134yg	1147	1297	1358	1373	
		829yg	1074	1137yg	1150yg	1301			
	<u>Makaira albida</u> (Poey) (white marlin)	1045	1120	1151	1179	1290	1310	1368	
		1073	1126	1158	1184	1292	1312	1369	
		1077	1130	1160	1223	1293	1319	1371	
		1103	1132	1164	1228	1295	1356	1373	
		1111	1135	1169	1229	1296	1358	1375	
		1112	1138	1170	1230	1298	1360	1377	
		1114	1139	1173	1237	1299	1362	1379	
		1115	1146	1175	1288	1301	1364	1381	
		1118	1149	1177	1289	1308			
	<u>Makaira ampla</u> (Poey) (blue marlin)	1071	1101	1232	1237	1291	1314	1358	
		1077	1173	1235	1290	1292			
XIPHIIDAE	<u>Xiphias gladius</u> Linnaeus (swordfish)	1042yg	1070yg	1076yg	1105	1288	1371	1375	
		1066yg	1074yg	near Golfo Batabano,	yg.				
LUVARIDAE	<u>Luvarus imperialis</u> (Rafinesque) 247 yg.								

Family	Species	Station Numbers						
		Incomplete locality list						
CORYPHAENIDAE (dolphins)	<u>Coryphaena equisetus</u> Linnaeus							
		362	1038	1072	1089	1104	1121	1133
		819	1063	1074	1100	1110	1124	1137
		852	1064	1078	1102	1119	1131	1139
		1035	1070					
		<u>Coryphaena hippurus</u> Linnaeus						
		(common dolphin)						
		364	819yg	1102	1286	1295	1305	1360
		502	820	1104	1287	1297	1306	1362
		760	1030	1154	1288	1298	1308	1364
		776	1064	1156	1290	1299	1310	1366
		780	1070	1175	1292	1301	1312	1368
		781	1078	1182	1293	1304	1315	1371
		816	1088	1230				
	BRAMIDAE (brems)	<u>Taractes princeps</u> (Johnson)						
			36	1173	1317			
	STROMATEIDAE (butterfishes)	<u>Peprilus paru</u> (Linnaeus)						
(harvestfish-starfish)								
		88	288	530	616	627	666	856
		90	MW	609	622	628	682	857
		259	290	611	626	631	683	886
	274	520	615					
	<u>Poronotus triacanthus</u> (Peck)							
	(butterfish)							
		2	58	308	520	615	666	858
		10	65	313	521	616	683	861
		30	71	329	522	617	684	862
		39	81	340	530	628	685	863
		46	88	341	531	632	687	866
		50	109	342	551	650	710	882
		52	131	346	552	651	847	886
		53	153	378	595	658	852	887
		55	170	386	609	659	856	920
		56	283	388	614	665	857	1082
		57	306	425				
		<u>Palinurichthys bythites</u> Ginsburg						
	321 (type loc.)							
	<u>Cubiceps melanus</u> Ginsburg							
	318	382 (type loc.)			480	484		
	<u>Cubiceps nigriargenteus</u> Ginsburg							
	314							

Family	Species	Station Numbers						
		Incomplete locality list						
STROMATEIDAE (contd.)	<u>Cubiceps</u> species undetermined							
		265	281	472				
NOMEIDAE	<u>Nomeus gronovii</u> (Gmelin) (man-of-war fish)							
		1035	1042	1044	1063	1068	1089	
	<u>Psenes cyanophrys</u> Cuvier							
		806	1038	1102	1104	1111	1123	1139
		820						
	<u>Psenes pellucidus</u> Lutken							
		1044	1068	1072	1074	1076	1078	
CARANGIDAE (jacks)	<u>Alectis crinitus</u> (Mitchill) (threadfish)							
		713	714	715	716			
	<u>Caranx bartholomaei</u> (Valenciennes) (yellow jack)							
		771	1298					
	<u>Caranx chrysos</u> (Mitchill) (blue runner)							
		347	618	791	816	837	1119	1139
		593A	620	800	819	1014	1121	1142
		600A	717	806	820	1038	1137	1157
		612A	718	807	829	1113		
		<u>Caranx hippos</u> (Linnæus) (common jack)						
		8	802	820	1070	1074	1102	1130
		620	819	1068	1072	1089	1121	1133
		658						
	<u>Caranx latus</u> Agassiz (horse-eye jack)							
		829	Alacran					
	<u>Caranx lugubris</u> Poey (black jack)							
		591	592	593				
	<u>Caranx ruber</u> (Bloch)							
		2	771	775	1014	1044	1076	1298yg
		620						

Family	Species	Station Numbers						
		Incomplete locality list						
CARANGIDAE (contd.)	<u>Chloroscombrus chrysurus</u> (Linnaeus)							
	(bumper)							
		46	429	627	711	720	842	856
		427	447	630	713	818	854	863
		428	611	710	718	837		
	<u>Decapterus punctatus</u> (Agassiz)							
	(round scad-cigarfish)							
		39	445	716	845	860	895	927
		41	651	800	852	861	896	939
		250	713	837	856	865	898	945
		420	714	843	859	893	900	1048
		440	715	844				
	<u>Hemicaranx amblyrhynchus</u> (Cuvier)							
		622	627	628				
	<u>Oligoplites saurus</u> (Bloch and Schneider)							
	(leatherjacket)							
		622	827					
	<u>Selene vomer</u> (Linnaeus)							
	(lookdown)							
		88	614	650	666	717	718	851
		447	630	658	710			
	<u>Trachinotus carolinus</u> (Linnaeus)							
	(common pompano)							
		1086						
	<u>Trachurops crumenophthalma</u> (Bloch)							
	(big-eye scad)							
		2	618	859	866	1066	1074	1086
		56	771	860	933	1072	1076	1102
		374	800	861				
	<u>Trachurus lathani</u> Nichols							
	(rough scad)							
		2	595	667	847	861	944	1083
		41	603	697	851	866	1004	1085
		65	604	842	858	892	1057	1086
		81	617	843	859	895	1058	1087
		105	662	844	860	929	1081	
	<u>Uraspis heidi</u> Fowler							
		131						

Family	Species	Station Numbers						
		Incomplete locality list						
CARANGIDAE (contd.)	<u>Vomer setapinnis</u> (Mitchill)							
	(moonfish)							
		50	58	259	378	428	717	862
		52	90	274	386	531	718	863
		53	119	313	387	560	844	1082
		55	131	340	416	616	851	1086
		56	187	342	417	617	861	1087
		57	258	348	427	710		
SERIOLIDAE (rudderfishes and amberjacks)	<u>Elagatis bipinnulatus</u> (Quoy and Gaimard)							
	(rainbow runner)							
		591	592					
	<u>Naucrates ductor</u> (Linnaeus)							
	(pilotfish)							
		815	1163					
	<u>Seriola dumerili</u> (Risso)							
	(amberjack)							
		594	1074yg	1089	1298yg	1299yg	1307yg	
	<u>Seriola falcata</u> (Valenciennes)							
		115	819	820	1063	1157		
	<u>Seriola fasciata</u> (Bloch)							
	1063	1297yg						
<u>Seriola lalandi</u> Cuvier and Valenciennes								
	5/15/50		361	594	788			
<u>Seriola zonata</u> (Mitchill)								
(banded rudderfish)								
	34	131	569	593	794	795	984	
POMATOMIDAE (bluefishes)	<u>Pomatomus saltatrix</u> (Linnaeus)							
	(bluefish)							
	5	290	845	859				
RACHYCENTRIDAE (sargent fishes)	<u>Rachycentron canadus</u> (Linnaeus)							
	(cabio-lemcnfish)							
		147	620	714	715	716	717	718
	336	713						
APOGONIDAE	<u>Apogonichthys stellatus</u> Cope							
	Alacran yg.							

Family	Species	Station Numbers						
		Incomplete locality list						
APOGONIDAE	<u>Apogonichthys alutus</u> (Jordan and Gilbert)	902yg	976					
	<u>Apogon pseudomaculatus</u> Longley	35	406	1510				
	<u>Apogon</u> species undetermined	34	406					
	<u>Cheilodipterus affinis</u> Poey	406						
	<u>Epigonus pandionis</u> (Goode and Bean)	266	307	484	597	1012	1106	1389
		272	472	532	795	1093	1107	
	<u>Oxyodon</u> species undetermined	1005						
	<u>Parascombrops</u> species undetermined	278						
	<u>Synagrops bella</u> (Goode and Bean)	281	484	599	1054	1107	1384	1389
		382	532	795	1094	1383	1386	1390
	472	542						
EPINEPHELIDAE (groupers)	<u>Cephalopholis fulvus</u> Linnaeus	8	435					
	<u>Epinephelus adscensionis</u> (Osbeck) (rock hind)							
		Arcas						
	<u>Epinephelus drummond-hayi</u> Goode and Bean (speckled hind)	472	484	592				
	<u>Epinephelus guttatus</u> (Linnaeus) (red hind)	8	Alacran					

Family	Species	Station Numbers						
		Incomplete locality list						
EPINEPHELIDAE (contd.)	<u>Epinephelus morio</u> (Cuvier and Valenciennes)							
		(red grouper)						
		20	316	556	644	714	717	794
		Triangles	322	592	645	715	718	867
		220	336	593	713	716	793	967
		312	514A	607				
		<u>Epinephelus niveatus</u> (Cuvier)						
		81	406	423	435			
		<u>Garruppa nigrita</u> (Holbrook)						
		(Warsaw-black jewfish)						
		3	175	324	364	373	499	682
		4	267	336	366	437	514A	694
		8	312	344	368	498	594	792
		68	322	361	371			
		<u>Mycteroperca bonaci</u> (Poey)						
		(black grouper)						
		8	362	376	486	594	794	892
		297	364	377	499	645	806	1311
		312	370	485				
	<u>Mycteroperca falcata</u> (Poey)							
	(scamp)							
	6	68	312	338	373	377	592	
	8	81	316	359	375	514A	594	
	28	108	322	366	376	519	694	
	59	267	336	371				
	<u>Mycteroperca venenosa</u> (Linnaeus)							
	(yellowfin grouper)							
	412	783						
	<u>Petrometopon cruentatus</u> (Lacepede)							
	(graysby)							
	Arcas							
	<u>Polyprion americanus</u> (Bloch and Schneider)							
	(wreckfish)							
	5/14/50							
	<u>Promicrops itaiara</u> (Lichtenstein)							
	(jewfish)							
	970							

Family	Species	Station Numbers						
		Incomplete locality list						
SERRANIDAE (sea-basses)	<u>Anthiasicus leptus</u> Ginsburg	278	695	1094				
	<u>Centropristes melanus</u> Ginsburg	607						
	<u>Centropristes ocyurus</u> (Jordan and Evermann) (gulf sea bass)	16	417	724	730	871	891	939
		34	706	725	732	873	892	940
		263	707	727	859	874	896	943
		412	710	728	860	889	917	944
		415	711	729	869	890	937	
	<u>Centropristes philadelphicus</u> (Linnaeus)	30	52	264	843	854	878	1004
		36	55	604	845	858	937	1022
		39	59	684	849	866	944	1086
		45						
	<u>Chlorististium</u> species undetermined	32	695	858	864			
<u>Diplectrum arcuarium</u> Ginsburg	45	417	428	436	535	711	849	
	411	420	429	447	710	720	869	
	415	427	430					
<u>Diplectrum formosum</u> (Linnaeus)	35	409	447	718	861	900	1021	
	250	417	508	842	870	901	1022	
	255	419	682	848	872	907	1048	
	407	420	710	849	889	997	1049	
	408	436	713-	854	890	1020	1057	
<u>Hemianthias vivanus</u> (Jordan and Swain)	32	36	550	1025	1086			
<u>Ocyanthias martircensis</u> (Guichenot)	70							
<u>Paracentropristis notospilus</u> (Longley)	219	278	602	895	1024	1025		

Family	Species	Station Numbers							
		Incomplete locality list							
SERRANIDAE (contd.)	<u>Paracentropristis pomospilus</u> Ginsburg								
		5	172	423	616	843	851	944	
		39	283	424	617	844	859	1058	
		72	288	425	662	845	861	1082	
		105	406	430	667	847	862	1083	
		106	411	603	682	848	895	1087	
		110	412	614	698	849	943	1253	
		143	413	615					
		<u>Paranthias furcifer</u> (Cuvier and Valenciennes)							
			329	330					
		<u>Prionodes phoebe</u> (Poey)							
			32	35	346	725	728	851	
			33	277	706	727			
		<u>Pronotogrammus aureorubens</u> Longley							
			266	269	281	864			
		<u>Pronotogrammus vivanus</u> (Jordan and Swain)							
			16	27	277	550	727	728	
		<u>Rypticus arenatus</u> Cuvier and Valenciennes (soapfish)							
			35	673	727	728	729	730	967
		<u>Rypticus bistrispinus</u> (Mitchill) (two-spined soapfish)							
			916						
		<u>Rypticus saponaceus</u> (Bloch and Schneider) (three-spined soapfish)							
			255	357	417	967			
	<u>Serranellus subligarius</u> (Cope)								
		704							
	<u>Serraniculus pumilio</u> Ginsburg								
		1022							
PRIACANTHIDAE	<u>Pseudopriacanthus altus</u> (Gill) (deep bigeye)								
		222	263	445	725	731	732	1022	
		255	440	531					

Family	Species	Station Numbers						
		Incomplete locality list						
PRIACANTHIDAE (contd.)	<u>Priacanthus arenatus</u> Cuvier (bigeye)	2	222	264	412	529	1060	1082
		65	247	407	413	1057		
LOBOTIDAE	<u>Lobotes surinamensis</u> (Bloch) (tripletail-blackfish)	485	1176	1183				
LUTIANIDAE (snappers)	<u>Etelis oculatus</u> (Cuvier) (deep-water red snapper) NE Campeche Bank in 100 fathoms							
	<u>Lutianus analis</u> (Cuvier and Valenciennes) (muttonfish)	46	774	1086				
	<u>Lutianus blackfordii</u> Goode and Bean (red snapper)	2	87	176	331	406	592	806
		5	101	220	336	411	593	813
		6	105	227	338	412	594	817
		8	108	251	344	417	595	821
		9	109	262	346	420	601	842
		10	110	267	360	423	609	846
		30	118	280	361	426	641	848
		39	119	282	362	435	644	849
		48	120	295	364	440	645	861
		50	122	297	366	535	671	867
		52	123	303	368	536	684	869
		54	137	308	369	537	686	871
		58	138	312	370	538	694	927
		59	153	316	371	551	710	967
		63	154	317	373	552	713-	997
		65	165	322	374	554	718	1057
		68	169	324	376	555	792	1058
		74	174	328	377	556	793	1086
		76	175	330	389	568	794	1311
		81						
	<u>Lutianus buccanella</u> (Cuvier) (black finned red snapper)	591	592	593				
	<u>Lutianus griseus</u> (Limaeus) (gray snapper)	427	714	715	716	725	774	784
		713						

Family	Species	Station Numbers						
		Incomplete locality list						
LUTIANIDAE (contd.)	<u>Lutianus jocu</u> (Bloch and Schneider) (dog snapper) Arcas							
	<u>Lutianus synagris</u> (Linnaeus) (lane snapper)							
		4	415	568	683	713-	724	784
		50	416	611	691	718	725	869
		169	560	677	710	720	774	1058
		250	561	682				
	<u>Lutianus vivanus</u> (Valenciennes) (yellow-eye snapper)							
		295	412	591	592	593		
	<u>Ocyurus chrysurus</u> (Bloch) (yellowtail snapper)							
		156	247	717	718	774	784	
<u>Pristipomoides andersoni</u> Ginsburg								
	1	156	265	388	662	843	1081	
	5	159	273	600	711	944	1082	
	7	161	277	617	733	946	1083	
	69	219	331					
<u>Pristipomoides macrophthalmus</u> (Muller and Troschel) NE Campeche B. 1057								
<u>Rhomboplites aurorubens</u> (Cuvier) (vermillion snapper)								
	3	281	366	415	531	728	867	
	64	316	373	417	556	792	Arcas	
	65	322	376	423	594	794	892	
	72	330	406	485	603	846	896	
	81	336	411	486	710	858	933	
	90	362	412	502	727	861	944	
	219	364	413					
POMADASIDAE (grunts)	<u>Bathystoma aurolineatum</u> (Cuvier and Valenciennes) (yellow tomtate)							
		34	417	561	713	716	728	939
		222	419	607	714	725	861	1048
		295	423	710	715	727	933	
	<u>Bathystoma striatum</u> (Linnaeus) (common tomtate)							
		710						

Family	Species	Station Numbers						
		Incomplete locality list						
POMADASIDAE (contd.)	<u>Anisotremus virginicus</u> (Linnaeus) (porkfish)	713	714	715	716			
	<u>Haemulon album</u> (Cuvier) (margate)	447	592A					
	<u>Haemulon flavolineatum</u> (Desmarest) (yellow grunt) Arcas							
	<u>Haemulon plumieri</u> (Lacepede) (white grunt)	241	607	713-	774	896	903	927
		447	711	718	784	901		
	<u>Orthopristis chrysopterus</u> (Linnaeus) (pigfish)	151	717	859	869	889	905	926
		274	718	860	871	890	906	927
		292	729	861	881	899	907	928
		607	730	862	882	900	909	929
		692	738	863	886	904	910	933
	693							
SPARIDAE (porgies)	<u>Archosargus oviceps</u> Ginsburg (sheepshead)	161						
	<u>Archosargus probatocephalus</u> (Walbaum) (sheepshead)	607						
	<u>Calamus arctifrons</u> Goode and Bean (porgy)	607	845					
	<u>Calamus proridens</u> Jordan and Gilbert (littlehead porgy)	607	714	715	716	892	901	927
		713						
	<u>Diplodus holbrookii</u> (Bean) (spottail pinfish)	607	927					

Family	Species	Station Numbers						
		Incomplete locality list						
SPARIDAE (contd.)	<u>Pagrus sedecim</u> Ginsburg							
	(porgy)	362	896	897	899	944	949	1311
		846						
	<u>Stenotomus caprinus</u> Bean							
	(long-spined porgy)							
		2	91	260	365	514	660	847
		5	95	261	381	519	661	849
		7	96	263	388	521	662	854
		9	98	284	390	523	663	855
		10	99	285	392	526	665	857
		30	100	286	393	527	666	859
		39	101	287	394	528	667	861
		49	102	288	396	529	668	862
		52	103	289	397	530	669	866
		53	104	291	398	531	670	869
		54	107	292	415	535	672	870
		55	110	294	416	536	675	871
		56	117	295	417	537	676	872
		57	128	299	418	538	677	873
		58	129	301	420	539	681	874
		63	131	302	421	551	683	876
		64	137	306	423	552	684	878
		65	140	308	424	553	685	885
		69	141	311	425	554	687	886
		70	142	313	428	555	693	887
		71	143	317	430	595	697	888
		72	152	329	431	603	698	894
		73	153	331	436	604	700	898
		74	154	332	437	611	701	940
		76	158	333	438	614	706	941
		77	159	334	446	616	710	942
		81	160	340	447	617	711	943
		82	161	341	448	634	720	944
		83	165	342	487	646	729	1058
		84	166	346	494	650	730	1081
		85	169	347	504	653	731	1082
		86	170	348	505	654	842	1085
		88	171	353	506	656	843	1086
		89	175	354	507	657	845	1087
		90	180	363	511	658		

Family	Species	Station Numbers						
		Incomplete locality list						
SPARIDAE (contd.)	<u>Lagodon rhomboides</u> (Linnaeus)							
	(pinfish)							
		30	440	561	693	720	869	922
		52	445	607	704	731	871	923
		140	446	646	710	738	885	926
		226	447	662	711	843	886	927
		236	535	668	713	844	889	928
		237	536	669	714	849	890	929
		247	537	672	715	854	896	930
		250	538	674	716	859	989	931
		255	551	676	717	861	905	932
		261	552	691	718	863	921	936
		288	560					
	EMMELICHTHYIDAE	Genus and species undetermined						
	592							
GERRIDAE (mojarras)	<u>Diapterus rhombeus</u> (Cuvier)							
		710						
	<u>Eucinostomus argenteus</u> Baird and Girard							
		34	415	423	431	569	715	842
		264	416	424	436	656	716	862
		412	417	425	562	713	718	866
		413	419	430	568	714		
	<u>Eucinostomus gula</u> (Valenciennes)							
	(common mojarras)							
		407	440	562	710	862	931	1058
		415	445	634	861			
	<u>Xystaema (Gerres) cinereum</u> (Walbaum)							
		1049						
	MULLIDAE (goatfishes)	<u>Mulloidichthys martinicus</u> (Cuvier)						
(yellow goatfish)								
Arcas								
<u>Pseudupeneus maculatus</u> (Bloch)								
(spotted goatfish)								
		222	714	716	889	933	935	939
		713	715					
<u>Upeneus auratus</u> (Jordan and Gilbert)								
		2	59	602	714	725	731	1032?
		7	65	605	715	727	861	1038?
		16	109	646	716	728	894	1074?
		33	264	697	717	729	937	1076?
		58	283	713	718	730	944	1078?

Family	Species	Station Numbers						
		Incomplete locality list						
MULLIDAE (goatfishes)	<u>Upeneus parvus</u> Poey							
		2	255	409	537	719	942	1057
		7	264	412	646	866	943	1058
		52	283	413	662	869	944	1080
		65	406	419	667	894	946	1082
		71	407	487	710	937	1020	1086
	143	408						
SCIAENIDAE (croakers, drums, and weakfishes)	<u>Bairdiella chrysur</u> (Lacepede) (silver perch)	274	626	711	863	931		
	<u>Corvulla batabana</u> (Poey)	713	714	715	716			
	<u>Cynoscion arenarius</u> Ginsburg (sand squeteague-white trout)	52	110	176	340	520	713	849
		53	131	184	342	521	714	851
		55	153	236	346	522	715	853
		56	154	263	388	523	716	859
		57	159	281	393	615	719	863
		58	166	284	397	625	827	866
		63	169	306	430	626	843	881
		64	170	308	447	628	844	886
		65	171	310	487	662	845	887
		88	175	313	519	710	848	1109
	104							
	<u>Cynoscion nebulosus</u> (Cuvier and Valenciennes) (spotted squeteague-speckled trout)	45						
	<u>Cynoscion nothus</u> (Holbrook) (silver squeteague-white trout)	388	429	714	843	848	853	886
		427	710	715	844	849	854	887
		428	713	716	845	851	863	1086
	<u>Eques acuminatus</u> (Bloch and Schneider)	9	222	423	710	725	892	906
		39	412	536	713-	792	896	927
		70	419	537	718	861	898	944
		120	421	673				

Family	Species	Station Numbers						
		Incomplete locality list						
SCIAENIDAE (contd.)	<u>Eques</u> species undetermined							
		673	698	706				
	<u>Eques lanceolatus</u> (Linnaeus)							
	(ribbonfish)							
		34	251	445	710	714	716	906
		222	440	646	713	715	861	925
		250						
	<u>Larimus fasciatus</u> Holbrook							
	(banded croaker)							
		45	81	308	387	676	844	863
	70	159	310	657	691	854	887	
	74	171	386	672	843	860		
<u>Leiostomus xanthurus</u> Lacepede								
(spot)								
	52	170	329	675	706	845	881	
	53	175	346	676	707	848	885	
	58	202	386	677	713-	854	886	
	65	274	387	681	718	859	887	
	119	281	504	682	719	860	888	
	120	284	514	683	720	862	890	
	153	304	519	687	729	866	898	
	154	305	596	689	730	869	931	
	161	308	611	692	842	870	1086	
	165	310	634	693	844	871	1109	
	169							
<u>Menticirrhus americanus</u> (Linnaeus)								
(king-whiting)								
	39	170	187	378	520	681	870	
	52	171	258	387	521	683	881	
	53	183	274	494	596	692	887	
	54	184	290	511	611	844	888	
	56	185	304	514	665	863	931	
	131	186	306	519	672	869	1086	
	133							
<u>Pogonias chromis</u> (Linnaeus)								
(black drum)								
	886							
<u>Sciaenops ocellata</u> (Linnaeus)								
(redfish-red drum)								
	187	260	886					

Family	Species	Station Numbers Incomplete locality list						
SCIAENIDAE (contd.)	<u>Micropogon undulatus</u> (Linnaeus) (croaker)	10	103	170	304	509	684	853
		13	106	171	305	510	685	854
		14	107	175	306	520	687	859
		30	110	176	308	522	689	860
		39	112	177	310	523	691	862
		45	120	183	313	524	692	863
		52	121	184	328	596	693	866
		53	129	185	341	611	700	869
		54	131	186	342	614	706	870
		55	133	187	346	628	710	871
		56	134	202	347	634	713	881
		57	135	203	386	651	714	882
		58	136	260	387	665	715	885
		65	149	261	397	666	716	886
		69	150	284	398	669	842	887
		74	152	288	446	672	843	888
		82	153	289	487	676	844	889
		83	154	291	494	677	845	1058
		90	165	293	504	681	848	1087
		95	169	296	505	683	849	1109
	<u>Stellifer lanceolatus</u> (Holbrook) (star drum)	133	185	387	521	682	683	863
		182	274	520				
MALACANTHIDAE	<u>Malacanthus plumieri</u> (Bloch) (sardfish)	591	738					
BRANCHIOSTEGIDAE (tilefishes, etc.)	<u>Caulolatilus cyanops</u> Poey (ocean whitefish)	35	65	159	614	646	895	
	<u>Caulolatilus microps</u> Goode and Bean 25:15N/88:18W							
	<u>Caulolatilus intermedius</u> Howell-Rivero	65	710	858				
	<u>Lopholatilus chamaeleonticeps</u> Goode and Bean (tilefish)	36	273	550	1094	1382	1384	

Family	Species	Station Numbers						
		Incomplete locality list						
ANTIGONIIDAE	<u>Antigonia capros</u> Lowe	27	273	326	733	945	954	1026
		32	277	602	864	946	955	1343
		156	278	732	895			
EPIHIPPIDAE (spadefishes)	<u>Chaetodipterus faber</u> (Broussonet) (spadefish)	140	171	489	537	718	863	886
		150	264	514	682	844	869	887
		152	274	519	683	848	871	888
		153	427	531	713-	855	873	
CHAETODONTIDAE (butterfly fishes and angelfishes)	<u>Centropyge argi</u> Woods and Kanazawa	591						
	<u>Chaetodon aya</u> Jordan (bank butterfly fish)	33	727	728	944	1022	1024	
	<u>Chaetodon ocellatus</u> Bloch (common butterfly fish)	255	447	710	714	715	716	967
		436	706	713				
	<u>Chaetodon sedentarius</u> Poey	222	409	447	727	728	892	1022
		423						
	<u>Holocanthus (Angelichthys) ciliaris</u> (Linnaeus) (queen angel fish)	582A	967					
<u>Holocanthus isabelita</u> (Jordan and Rutter) (common angel fish)	233	295	725	934	935	937		
<u>Pomacanthus arcuatus</u> (Linnaeus) (black angel fish)	582A	Arcas						
<u>Pomacanthus aureus</u> (Bloch)	710	713	714	715	716	Arcas		
ACANTHURIDAE (tangas)	<u>Acanthurus bahianus</u> Castelnau (surgeonfish)							
	Triangles, Arcas							

Family	Species	Station Numbers						
		Incomplete locality list						
ACANTHURIDAE (contd.)	<u>Acanthurus caeruleus</u> Bloch and Schneider (blue tang) Arcas							
	<u>Acanthurus hepatus</u> (Linnaeus) (doctorfish) Triangles, Arcas							
SCORPAENIDAE (scorpionfishes)	<u>Helicolenus dactylopterus</u> (De La Roche)	307	726	1005	1006	1010	1020	
	<u>Neomerinthe pollux</u> (Poey)	9	35	81	277	946		
	<u>Pontinus castor</u> Poey	18						
	<u>Pontinus longispinus</u> Goode and Bean	1	32	156	281	695	896	1095
		25	36	265	326	696	898	1327
		26	60	277	640	864	946	
	<u>Pontinus rathbuni</u> Goode and Bean	35						
	<u>Scorpaena agassizii</u> Goode and Bean	18	33	278	604	727	732	895
		25	35	281	605	728	733	917
		26	219	417	697	731	894	955
	32	277						
<u>Scorpaena bergii</u> Evermann and Marsh	917							
<u>Scorpaena brasiliensis</u> Cuvier	34	417	445	714	727	730	891	
	222	419	710	715	728	861	905	
	275	440	713	716	729	887	1021	
	407							
<u>Scorpaena calcarata</u> Goode and Bean	34	120	407	617	718	730	1058	
	65	143	412	710	720	887	1059	
	105	172	415	711	725	955	1060	
	106	222	611	713-	729			

Family	Species	Station Numbers							
		Incomplete locality list							
SCORPAENIDAE (contd.)	<u>Scorpaena dispar</u> Longley and Hildebrand	5	26	65	727	728			
	<u>Scorpaenodes russelli</u> Beebe and Tee-Van Arcas								
	<u>Setarches parmatius</u> Goode	351	484	542	795	1091	1258	1332	
		382	532	590	1005	1106	1324	1340	
		472	541	637	1054	1107			
	<u>Tachyscorpia cristulata</u> (Goode and Bean)	726	1005	1006	1327				
	PERISTEDIIDAE	<u>Peristedion gracile</u> Goode and Bean	7	65	542	894	1329	1389	1390
			26	489	550	1326	1332		
		<u>Peristedion imberbe</u> Poey	81	858	864	878	894	895	1341
			281						
<u>Peristedion longispathum</u> Goode and Bean		127	279	474	541	590	1007	1091	
		271	319	484	542	726	1010	1275	
		272	472	532	548	1005	1012	1326	
<u>Peristedion miniatum</u> Goode		27	162	279	474	733	1094	1383	
		32	273	351	484	946	1275	1384	
		36	277	379	550	1005	1320	1385	
	60	278	472	696	1091	1332	1389		
	<u>Peristedion platycephalum</u> (Goode and Bean)	307	472	484	599	1005			
	<u>Peristedion spiniger</u> Longley and Hildebrand	1005							
TRIGLIDAE (sea robins)	<u>Bellator egretta</u> (Goode and Bean)	19	411	419	436	878	894	1024	
		33	415	430	732	893	939	1025	
		35	417						

Family	Species	Station Numbers Incomplete locality list							
TPIGLIDAE (cont'd.)	<u>Bellator</u> <u>militaris</u> (Goode and Bean)	34	407	419	711	888	918	943	
		143	409	537	727	892	919	944	
		169	411	538	728	893	922	1024	
		255	412	605	729	894	938	1025	
		264	413	701	730	896	939	1060	
		265	417	710	731	917			
		<u>Prionotus</u> <u>alatus</u> Goode and Bean	26	56	602	731	878	895	944
			27	264	603	732	894	920	1083
			33	447	662	864			
		<u>Prionotus</u> <u>martis</u> Ginsburg	351	713	715	729	730	907	1059
			508	714	716				
		<u>Prionotus</u> <u>beanii</u> Goode	891						
		<u>Prionotus</u> <u>ophryas</u> Jordan and Swain	1	264	445	714	716	725	1058
			34	415	710	715	720	873	1081
			140	440	713				
		<u>Prionotus</u> <u>paralatus</u> Ginsburg	1	27	143	264	866	937	1087
			5	39	156	411	895	944	1088
			7	56	160	711	936	1086	1095
		<u>Prionotus</u> <u>pectoralis</u> (Nichols and Breder)	39	634	714	717	871	876	1086
			264	710	715	718	873	877	1088
			615	713	716	870			
	<u>Prionotus</u> <u>roseus</u> Jordan and Evermann	34	445	715	727	730	892	937	
		222	713	716	728	873	895	944	
		255	714	725	729	891	916	955	
		440							
	<u>Prionotus</u> <u>rubio</u> Jordan	2	72	187	614	684	716	855	
		5	109	264	615	713	847	866	
		7	110	423	616	714	848	876	
		30	115	431	681	715	851	877	
		45	140	611	682				

Family	Series	Station Numbers						
		Incomplete locality list						
TRIGLIDAE (contd.)	<u>Prionotus scitulus latifrons</u> Ginsburg	274	713-	715	717	860	886	1049
		611	714	716	718	863	1004	1086
	<u>Prionotus stearnsi</u> Jordan and Swain	2	86	354	423	662	860	1082
		5	93	388	424	843	864	1083
		10	219	392	551	844	881	1086
		33	281	396	602	845	894	1087
		39	299	406	603	847	895	1253
		60	331	411	614	849	945	1343
		63	353	415	616	858	1060	1345
		85						
	<u>Prionotus tribulus crassiceps</u> Ginsburg (bighead sea robin)	30	611	715	718	856	895	1022
		187	713	716	842	863	906	1109
		274	714	717	854	886		
CEPHALACANTHIDAE (flying gurnards)	<u>Cephalacanthus volitans</u> (Linnaeus) (flying gurnard)	440	713	715	1052yg	1052ad	1063	1068
		445	714	716				
POMACENTRIDAE	<u>Abudefduf saxatilis</u> (Linnaeus) (sargent-major)	Arcas	774	Triangles				
	<u>Chromis enchrysurus</u> Jordan and Gilbert (reef fish)	222	725	727	728			
	<u>Chromis insolatus</u> (Cuvier)	1416						
	<u>Pomacentrus fuscus</u> Cuvier	Triangles	Arcas					
	<u>Pomacentrus leucostictus</u> Muller and Troschel (beau-gregory)	Arcas						
	<u>Pomacentrus planifrons</u> Cuvier	Arcas						
	<u>Pomacentrus xanthurus</u> Poey	Arcas						

Family	Species	Station Numbers						
		Incomplete locality list						
LABRIDAE (wrasses)	<u>Bodianus rufus</u> (Linnaeus) (Spanish hogfish) Near West Triangles							
	<u>Decodon puellaris</u> (Poey) (Cuban hogfish)	18	35	81	406	602	895	
	<u>Halichoeres bivittatus</u> (Bloch) Triangles Arcas							
	<u>Halichoeres caudalis</u> (Poey) 507							
	<u>Halichoeres garnoti</u> (Cuvier and Valenciennes) Arcas (Campeche Bank)							
	<u>Halichoeres maculipinna</u> (Muller and Troschel) Triangles Arcas							
	<u>Halichoeres radiatus</u> (Linnaeus) (pudding-wife) Triangles Arcas							
	<u>Lachnolaimus maximus</u> (Walbaum) (hogfish) Alacran 713 714 715 716 967 449							
	<u>Thalassoma bifasciatum</u> (Bloch) (bluehead) Arcas							
	<u>Xyrichtys psittacus</u> (Linnaeus) (razorfish) 24 317 357 873							
	SCARIDAE (parrotfishes)	<u>Cryptotomus auropunctatus</u> (Valenciennes) (emerald parrot fish) 419 436 440 445 607						
		<u>Scarus caeruleus</u> (Bloch) 782						
		<u>Scarus croicensis</u> Bloch 791						

Family	Species	Station Numbers						
		Incomplete locality list						
SCARIDAE (contd.)	<u>Sparisoma flavescens</u> (Bloch and Schneider) Triangles (Campeche Bank)							
	<u>Sparisoma pachycephalum</u> Longley Tortugas							
	<u>Sparisoma punctulatus</u> (Valenciennes) Triangles							
	<u>Sparisoma radians</u> (Valenciennes) Triangles							
	<u>Sparisoma squalidus</u> (Poey) Triangles							
	<u>Sparisoma viride</u> (Bonmarterre) Triangles							
GOBIIDAE (gobies)	<u>Bollmania communis</u> Ginsburg							
	30 430 445 615 1082 1083 1087							
	423 431 449 616							
	<u>Gobionellus oceanicus</u> (Pallas) (ocean goby)							
	430 431 731 1086							
	<u>Gnatholepis thompsoni</u> Jordan Arcas							
<u>Gobiosoma (Elecatinus) oceanops</u> Jordan Arcas								
<u>Microgobius gulosus</u> (Girard) (large-mouthed goby) 30								
GOBIOIDIDAE	<u>Gobioides broussonnetii</u> Lacepede (violet goby) 10?							
ECHENEIDAE (remoras)	<u>Echeneis naucrates</u> Linnaeus (shark remora)							
	154 445 606 714 716 718 912							
	435 551 713 715 717 891 1129							
	440							

Family	Species	Station Numbers Incomplete locality list							
ECHENEIDAE (contd.)	<u>Phtheirichthys lineatus</u> (Menzies) (lousefish)	1073	1155	1362					
	<u>Remora remora</u> (Linnaeus) (offshore remora)	489	1072	1112	1121	1128	1140	1146	
		611	1077	1114	1125	1129	1144	1362	
		636	1101	1115	1126	1138			
	<u>Rhombochirus osteochir</u> (Cuvier) (spearfish remora)	1077	1112	1120	1131	1140	1158	1177	
		1101	1114	1126	1135	1146	1160	1179	
		1111	1115	1130	1138				
	CALLIONYMIDAE (dragonettes)	<u>Callionymus himantophcrus</u> Goode and Bean	16	156	281	726	864	1007	1253
			27	266	698				
	PERCOPHIDIDAE	<u>Bembrops anatirostris</u> Ginsburg	278	864	895	1093	1094	1095	
<u>Bembrops goboides</u> (Goode)		61	163	1012	1091	1093	1106	1107	
		62							
<u>Bembrops macromma</u> Ginsburg		1340	1343						
<u>Bembrops species undetermined</u>		1	164	314	490	542	858	1279	
		25	180	325	491	548	954	1324	
		26	265	326	500	600	1005	1326	
		32	266	331	501	601	1243	1382	
		36	269	353	503	602	1244	1383	
		60	270	382	515	636	1246	1385	
	66	272	472	516	696	1253	1388		
	156	273	484	541	733	1276	1389		
OPISTHOGNATHIDAE (jawfishes)	<u>Lonchopisthus micrognathus</u> (Poey) (large-mouthed jawfish)	35	1052	1063					
URANOSCOPIDAE (stargazers)	<u>Astrosopus y-graecum</u> (Valenciennes) (southern stargazer)	82							

Family	Species	Station Numbers							
		Incomplete locality list							
URANOSCOPIDAE (contd.)	<u>Benthoscopus laticeps</u> Longley and Hildebrand	265	281	472	484	637	1005	1107	
	<u>Kathetostoma albigutta</u> (Bean)	2	89	165	526	665	894	939	
		5	91	166	527	666	895	943	
		9	93	301	530	698	897	944	
		16	154	313	551	699	915	1020	
		26	158	331	552	731	937	1059	
		33	159	354	603	732	938	1087	
		88	161	356	604	873			
		<u>Enneapterygius jordani</u> (Evermann and Marsh)							
		Triangles							
		<u>Labrisomus bucciferus</u> Poey							
		Triangles							
		<u>Labrisomus nuchipimis</u> (Quoy and Gaimard)							
	Triangles								
	<u>Malacoctenus macropus</u> (Poey)								
	Triangles								
BLENNIIDAE (blennies)	<u>Blennius cristatus</u> Linnaeus								
	Triangles								
	<u>Salarichthys textilis</u> Quoy and Gaimard								
	Triangles								
	<u>Scartichthys atlanticus</u> (Cuvier and Valenciennes)								
	Arcas								
BROTULIDAE	<u>Brotula barbata</u> (Bloch and Schneider)	39	109	337	356	445	617	845	
		44	158	342	406	605	684	1086	
		106	176	354	440	615	697	1531	
	<u>Dicrolene intronigra</u> Goode and Bean	349	534	543	640				
	<u>Diplocanthopoma brachysoma</u> Gunther	279	1018						
<u>Lamprogrammus</u> species undetermined	349								

Family	Species	Station Numbers						
		Incomplete locality list						
BROTULIDAE	<u>Monomitopus</u> <u>agassizi</u> (Goode and Bean)	349	534	635	640	1019	1211	1425
	<u>Neobythites</u> <u>gillii</u> Goode and Bean	36	281	406	701			
	<u>Neobythites</u> <u>marginatus</u> Goode and Bean	1005	1006	1094				
OPHIDIIDAE (cusk eels)	<u>Lepophidium</u> <u>brevibarbe</u> (Cuvier) (short bearded cusk eel)	4	39	412	523	617	845	1060
		30	283	440	615	711	886	1109
		35	285	445	615	843	946	1531
	<u>Lepophidium</u> <u>cervinum</u> (Goode and Bean)	1005						
	<u>Lepophidium</u> <u>profundorum</u> (Gill)	73	944	954				
	<u>Otophidium</u> <u>omostigma</u> (Jordan and Gilbert)	1058						
	<u>Otophidium</u> <u>welshi</u> Nichols and Breder	682	697	881				
BATRACHOIDIDAE (toadfishes)	<u>Opsanus</u> <u>pardus</u> (Goode and Bean) (leopard toadfish)	316	594	901	902			
	<u>Porichthys</u> <u>porosissimus</u> (Valenciennes) (midshipman)	5	106	283	417	555	687	907
		9	109	284	419	607	710	909
		30	110	301	431	614	711	918
		65	150	340	436	615	713	944
		70	153	388	447	616	718	1049
		72	154	390	505	617	720	1057
		76	159	391	520	661	843	1058
		77	160	392	521	667	844	1060
		81	161	393	522	669	845	1081
		86	166	396	528	672	866	1086
		90	170	398	536	684	888	1087
		95	263	409	552	685	897	1094
		96	264	413				

Family	Species	Station Numbers Incomplete locality list						
GOBIESOCIDAE (clingfishes)	<u>Gobiesox strumosus</u> Cope (clingfish)	255	970					
TRIACANTHODIDAE	<u>Hollardia hollardi</u> Poey	1054						
	<u>Johnsonina erioma</u> Myers	1342	1343					
	<u>Triacanthodes lineatus</u> Longley	35	273	278	541	732	945	1026
		156	277	540	601	924	955	
BALISTIDAE (triggerfishes)	<u>Balistes caprisicus</u> Gmelin (common triggerfish)	34	408	485	711	837	1062	1074
		41	409	521	713	848	1064	1086
	56	417	611	820	849	1068	1087	
	306	447	638	829	861	1072	1136	
	312	484	710					
	<u>Balistes vetula</u> Linnaeus (queen triggerfish)	233	788	877				
	<u>Canthidermis maculatus</u> (Bloch)	27	638	820				
	<u>Canthidermis sobaco</u> (Poey) (ocean triggerfish)	423	1064					
<u>Canthidermis sufflamen</u> (Mitchill)	593							
MONACANTHIDAE (filefishes)	<u>Aleutera schoepfi</u> (Walbaum) (orange filefish)	143	716	855	891	907	917	940
		274	717	859	899	909	928	1033
		713	718	862	901	910	929	1039
		714	729	876	904	916	933	1066
		715	730	890	906			

Family	Species	Station Numbers						
		Incomplete locality list						
MONACANTHIDAE (contd.)	<u>Alutera scripta</u> (Osbeck) (longtail filefish)	897	906	1035				
	<u>Alutera ventralis</u> Longley	415	419	713	715	717	729	730
		417	710	714	716	718		
	<u>Amanses</u> (Cantherines) <u>amphioxys</u> (Cope)	732	1035	1089				
	<u>Monocanthus ciliatus</u> (Mitchill) (fringed filefish)	34	411	445	716	730	900	935
		88	413	710	717	891	901	936
		90	415	713	718	897	907	937
		222	417	714	729	898	918	1074
		409	440	715				
		<u>Monocanthus hispidus</u> (Linnaeus) (common filefish)	30	288	730	891	916	930
		34	710	791	897	917	935	1038
		52	711	837	898	918	936	1044
		59	713	859	899	919	937	1080
		83	714	861	902	921	938	1087
		106	715	863	903	922	939	1089
		140	716	873	905	923	1004	1100
		225	717	879	906	927	1020	1307
		263	718	886	907	928	1032	1313
		264	729	890	915	929		
	<u>Monocanthus spilonotus</u> Cope	34						
OSTRACIIDAE (trunkfishes)	<u>Lactophrys bicaudalis</u> (Linnaeus) Arcas							
	<u>Lactophrys quadricornis</u> (Linnaeus) (cowfish)	171	530	607	720	899	908	927
		229	531	710	854	900	909	928
		255	Arcas	713	860	904	910	930
		291	535	714	886	905	911	931
		436	536	715	896	906	912	935
		447	560	716	898	907	913	1087

Family	Species	Station Numbers Incomplete locality list							
TETRAODONTIDAE (puffers)	<u>Lagocephalus laevigatus</u> (Linnaeus) (smooth puffer)	5	90	409	650	730	917	1081	
		32	154	413	651	873	919	1082	
		39	161	425	662	885	921	1083	
		52	236	531	667	896	937	1085	
		56	237	568	668	897	938	1087	
		57	281	605	710	898	939	1109	
		58	284	607	711	905	1080	1127	
		71	353	634	729	916			
		<u>Lagocephalus pachycephalus</u> (Ranzani)	611	837					
		<u>Liosaccus cutaneus</u> Gunther	281						
		<u>Sphoeroides dorsalis</u> Longley (puffer)	34	406	412	423	713	716	728
			35	407	413	431	714	725	1021
			39	409	417	710	715	727	1022
			264	411					
		<u>Sphoeroides harperi</u> Nichols	917						
		<u>Sphoeroides nephelus</u> (Goode and Bean) (puffer)	30	39	60	285	713	715	716
			37	52	140	288	714		
		<u>Sphoeroides spengleri</u> (Bloch) (puffer)	250	714	716	727	1024	1086	1094
			713	715	725	728	1083		
		<u>Sphoeroides testudineus</u> (Linnaeus) (puffer)	426	427					
	CANTHIGASTERIDAE	<u>Canthigaster rostratus</u> (Bloch) Arcas							
	DIODONTIDAE (porcupine fishes)	<u>Chilomycterus atinga</u> (Linnaeus)	717	718					

Family	Species	Station Numbers						
		Incomplete locality list						
DIODONTIDAE (contd.)	<u>Chilomycterus schoepfi</u> (Walbaum)							
	(burrfish)							
		10	387	530	717	886	904	927
		39	427	551	718	902	909	931
		274	432	568				
		<u>Diodon histrix</u> (Linnaeus)						
		(porcupinefish)						
		791	819	1035				
		<u>Diodon holacanthus</u> Linnaeus						
		771?						
MOLIDAE (headfishes)	<u>Mola mola</u> (Linnaeus)							
	(ocean sunfish)							
	1310							
LOPHIIDAE (anglers)	<u>Lophiomus</u> species undetermined							
	(Gulf goosefish-angler)							
		2	256	277	281	602	895	918
		60	273	278	326	733		
ANTENNARIDAE (sargassumfishes)	<u>Antennarius ocellatus</u> (Bloch and Schneider)							
	(sargassumfish-frogfish)							
		34	255	729	730	1022		
		<u>Antennarius radiosus</u> Garman						
		18	335	83	283	413	615	1083
		30	72	160	284	523	733	1086
		33	75	278	295			
		<u>Antennarius scaber</u> (Cuvier)						
		105	419	445	713	714	715	716
		415	440	710				
	<u>Antennarius tigris</u> (Poey)							
	1058							
	<u>Histic gibba</u> (Linnaeus)							
	35	1038	1062	1070	1076	1089	1104	
	53	1044	1063	1072	1078	1100	1133	
	1035	1052	1066	1074				
CHAUNACIDAE	<u>Chaunax pictus</u> Lowe							
		279	491	597	1006	1019	1276	1325
		319	516	599	1007	1054	1282	1329
		379	546	954	1010	1259	1320	1342
		489	549	1005	1018	1275	1322	1390
		490						

Family	Species	Station Numbers							
		Incomplete locality list							
OGCOCEPHALIDAE	<u>Dibranchius atlanticus</u> Peters	62	351	516	548	795	1262	1326	
		270	379	532	549	947	1265	1327	
		271	380	534	550	1006	1267	1329	
		272	382	540	599	1007	1280	1351	
		279	472	541	636	1087	1281	1389	
		307	474	542	637	1107	1282	1390	
		319	515	546	640	1258			
		<u>Halieutichthys aculeatus</u> (Mitchill)	2	58	263	409	531	862	924
			5	65	264	411	537	878	937
			7	66	265	412	538	891	938
		9	69	283	413	614	895	939	
		10	76	288	417	616	896	943	
		30	81	299	436	617	897	944	
		32	83	353	487	685	917	1086	
		33	88	390	527	849	921	1087	
		34	156	396	528	858	922	1109	
		35	218	406	529	861	923	1253	
		52	255	407					
	<u>Ogcocephalus nasutus</u> (Valenciennes)	72	75	283	284	436			
	<u>Ogcocephalus parvus</u> Longley and Hildebrand	35	222	417	436	920	945	1024	
		76							
	<u>Ogcocephalus</u> species undetermined	265	277	281	602				
	<u>Ogcocephalus vespertilio</u> (Linnaeus) (batfish)	265	603	897	937	945			
	<u>Ogcocephalus cubifrons</u> (Richardson)								
HIMANTOLOPHIDAE	<u>Oneirodes</u> species undetermined	1028							
MELANOCETIDAE	<u>Melanocetus murrayi</u> Gunther (deep-water angler)	841							
	<u>Melanocetus</u> species undetermined	796							

M/V OREGON STATION LIST

Station Number	Locality		Date	Time	Depth in fathoms	Type of bottom	Temperatures °F.			Type of gear used
	N. lat.	W. long.					Air	Sur.	Bot.	
1	27°52'	94°48'	5-24-50	1325-1425	95	sft.bu.M.	--	80	59	Pacific otter trawl
2	27°50'	94°00'	5-24-50	1806-1906	50	M.	--	80	--	55' shrimp trawl
3	27°14.7'	96°00'	5-25-50	1200-1400	33	R.	--	80	78	Handlines
4	27°32.5'	96°28'	5-25-50	1700-1800	33	R.	--	79	70	Handlines
5	27°31'	96°24.5'	5-25-50	1944-2034	45	--	--	--	--	55' shrimp trawl
6	27°58'	93°46'	5-27-50	1325-1440	55	R.	--	81	76	Handlines
7	27°58'	93°43.5'	5-27-50	1455-1540	55	bu.M.	--	--	--	40' shrimp trawl
8	27°55'	93°37'	5-27-50	1600-1300	30	Co.R.	--	--	--	Handlines
9	27°58'	93°43'	5-27-50	1942-2030	55	sft.M.	--	--	--	40' shrimp trawl
10	28°45'	89°43'	5-28-50	1930-2000	50	M.	--	81	--	40' shrimp trawl
11	28°49'	89°33'	5-28-50	2210-2320	45	sft.M.	--	--	--	40' shrimp trawl
12	29°38'	88°39'	5-29-50	1115-1145	8	--	--	--	--	Trolling
13	29°50.5'	88°14.5'	6-3-50	1940-2040	19	--	--	78	--	40' shrimp trawl
14	29°38'	88°05'	6-3-50	2245-2315	21	--	--	77	--	40' shrimp trawl
15	29°58'	87°02'	6-9-50	1340-1430	44	S.R.Co.	--	81	--	Handlines
16	30°00'	87°00'	6-9-50	1615-1705	60	S.Sh.	81	80	--	40' shrimp trawl
17	30°06'	86°56'	6-9-50	1747-1817	36	S.	78	81	--	40' shrimp trawl
18	29°46'	86°30'	6-10-50	1010-1110	62	M.	86	82	68	55' shrimp trawl
19	29°34'	86°08'	6-10-50	1345-1445	44	--	86	87	70	55' shrimp trawl
20	29°42'	85°56'	6-10-50	1620-1720	21	S.	87	84	--	Handlines
21	29°12'	85°54'	6-11-50	1052-1124	65	S.M.	81	82	61	40' shrimp trawl
22	29°12'	85°54'	6-11-50	1215-1300	70	S.M.	81	82	61	40' shrimp trawl
23	29°38.5'	87°27'	6-11-50	1930-2030	33	--	82	82	--	Gill net
24	30°10'	86°30'	6-12-50	0810-0845	16	S.M.Sh.	80	79	--	40' shrimp trawl
25	29°55'	86°58'	6-14-50	0935-0950	78	M.S.	85	82	55	40' shrimp trawl
26	29°56.5'	87°03'	6-14-50	1050-1120	40-80	Sh.	85	82	55	40' shrimp trawl
27	29°47'	86°58'	6-14-50	1735-1805	105	--	86	85	55	40' shrimp trawl
28	29°42.6'	87°19.5'	6-15-50	0920-1420	48	S.M.	81	83	--	Handlines
29	29°46'	87°04.5'	6-15-50	1850-2150	100	--	88	84	--	Handlines
30	29°55'	88°25'	6-22-50	1918-2018	16	S.M.	82	84	71	40' shrimp trawl
31	29°55'	88°21'	6-22-50	2045-2145	16	S.M.	82	84	71	55' shrimp trawl
32	29°10'	85°55'	6-23-50	1513-1558	95	Sh.M.	81	88	54	55' shrimp trawl
33	25°55'	83°53'	6-24-50	1630-1700	62	Sh.M.	86	86	61	55' shrimp trawl
34	25°00'	83°02'	6-25-50	2043-2243	28	S.	87	85	70	55' shrimp trawl
35	25°35'	83°12'	6-26-50	2005-2105	60	Co.S.	87	84	63	55' shrimp trawl
36	28°30'	85°36'	6-27-50	2125-2225	120	M.S.	85	84	54	55' shrimp trawl
37	29°41'	87°19.5'	6-28-50	1120-1450	45	S.Co.	84	84	64	Handlines
38	29°40'	87°16.5'	6-28-50	1930-2030	125	M.	82	85	52	55' shrimp trawl
39	30°00'	88°07'	6-29-50	0330-0450	14	--	--	--	--	55' shrimp trawl
40	30°11'	88°30'	7-11-50	1520-1620	5	S.	78	80	78	40' shrimp trawl
41	30°05'	88°23'	7-11-50	1740-1840	10	S.	78	82	78	40' shrimp trawl
42	29°57'	88°28'	7-12-50	1035-1135	15	M.	75	81	72	40' shrimp trawl
43	29°40'	88°25'	7-12-50	1400-1500	20	M.	76	80	72	40' shrimp trawl
44	29°19'	88°53'	7-12-50	1830-2030	18	M.	78	80	72	40' shrimp trawl
45	29°20'	89°01'	7-13-50	0555-0755	8	M.	80	81	--	40' shrimp trawl
46	29°22'	89°03.5'	7-13-50	0800-0955	5	M.	80	81	--	40' shrimp trawl
47	29°04'	88°40'	7-13-50	1313-1413	90	M.	88	86	60	55' shrimp trawl
48	29°12'	88°35.5'	7-13-50	1635-1905	32	S.R.	78	82	--	Handlines
49	29°14'	88°35'	7-13-50	2049-2149	40	M.	80	82	--	55' shrimp trawl
50	29°45'	88°14'	7-14-50	0140-0510	20	M.	80	80	71	55' shrimp trawl
51	30°11'	86°25'	7-14-50	0735-0835	7	M.	83	80	--	55' shrimp trawl
52	29°51.5'	88°21'	7-31-50	1630-1730	19	S.	85	84	73	55' shrimp trawl
53	29°51.5'	88°21'	7-31-50	1915-2030	19	S.	85	84	--	55' shrimp trawl
54	29°40'	88°22.5'	7-31-50	2145-2245	22.5	S.M.	84	84	72	55' shrimp trawl
55	29°31'	88°24'	8-1-50	0945-1015	27	S.M.	84	84	72	55' shrimp trawl
56	29°31'	88°24.5'	8-1-50	1045-1115	27	S.M.	83	85	72	55' shrimp trawl
57	29°31'	88°24.5'	8-1-50	1142-1217	27	S.M.	83	85	72	40' shrimp trawl
58	29°21'	88°23'	8-1-50	1325-1355	32	S.M.	88	86	71	40' shrimp trawl
59	29°12'	88°35.5'	8-1-50	1715-2115	32	S.R.Sh.	--	--	--	Handlines
60	29°09'	88°33'	8-2-50	0945-1045	110	bu.M.	85	84	55	40' shrimp trawl
61	29°04'	88°30'	8-2-50	1250-1410	195	M.	83	87	--	40' shrimp trawl
62	29°01'	88°30'	3-2-50	1452-1725	232	M.	83	87	--	40' shrimp trawl
63	29°11.5'	88°43.5'	8-2-50	1950-2110	40	M.	--	--	--	40' shrimp trawl
64	29°11.5'	88°43.5'	8-2-50	2125-2225	40	M.	--	--	--	40' shrimp trawl
65	29°16'	88°20'	8-3-50	1038-1155	50	S.M.	--	--	--	40' shrimp trawl

Station Number	Locality		Date	Time	Depth in fathoms	Type of Bottom	Temperatures °F.			Type of Gear Used
	N. lat.	W. long.					Air	Sur.	Bot.	
66	29°13.5'	88°17.5'	8-3-50	1253-1338	85	M.	--	--	--	40' shrimp trawl
67	29°10'	88°15'	8-3-50	1450	160	--	82	86	--	Bathythermograph
68	29°14.5'	88°20.5'	8-3-50	1700-1900	48	R.	--	85	63	Handlines
69	29°17'	88°20'	8-3-50	1940-2040	42	--	--	--	--	40' shrimp trawl
70	29°15.5'	88°18'	8-3-50	2115-2240	50	S.M.	81	84	--	40' shrimp trawl
71	29°51'	88°11'	8-4-50	0646-0750	18	S.M.	81	83	72	55' shrimp trawl
72	29°10'	88°50'	8-8-50	0030-0130	41	M.	83	82	--	40' shrimp trawl
73	29°06'	88°47'	8-8-50	0207-0307	50	Sh.S.M.	82	82	75	40' shrimp trawl
74	29°05'	88°46'	8-8-50	0515-0615	58	Co.M.	81	80	--	40' shrimp trawl
75	29°04.5'	88°43.5'	8-8-50	0700-1700	48	Co.M.	--	--	--	Handlines
76	29°05.5'	88°43'	8-8-50	1915-2015	54	M.	--	--	--	40' shrimp trawl
77	29°07'	88°43.5'	8-8-50	2113-2213	45	M.	81	--	--	40' shrimp trawl
78	29°10'	88°50'	8-8-50	2245-2345	40	--	--	--	--	40' shrimp trawl
79	29°11.0'	88°14'	8-9-50	1435	150	--	--	--	--	Bathythermograph
80	29°12.5'	88°14'	8-9-50	1502-1640	120	M.	80	85	54	40' shrimp trawl
81	29°20'	88°07'	8-9-50	1840-1940	47	--	78	83	--	40' shrimp trawl
82	29°21.7'	88°11'	8-9-50	2030-2130	38	--	--	--	--	40' shrimp trawl
83	29°20.5'	88°08'	8-9-50	2154-2254	45	--	80	--	--	40' shrimp trawl
84	29°20'	88°11'	8-10-50	2340-0040	45	S.M.	--	--	--	40' shrimp trawl
85	29°10'	88°48'	8-23-50	0210-0315	40	M.	79	85	--	100' shrimp trawl
86	29°09'	88°45'	8-23-50	0335-0450	42	M.	83	85	--	100' shrimp trawl
87	29°16'	88°20'	8-23-50	1840-1940	32	--	86	86	71	Handlines
88	29°14'	88°35'	8-23-50	2005-2120	37	M.	85	85	70	100' shrimp trawl
89	29°17'	88°37'	8-23-50	2140-2245	35	gy.M.	84	85	70	40' shrimp trawl
90	29°14'	88°35'	8-24-50	2315-0015	40	M.	85	84	70	40' shrimp trawl
91	29°13.5'	88°38'	8-24-50	0115-0220	38	--	--	--	--	Pacific otter trawl
92	28°57'	88°48'	8-24-50	1444	160	--	--	87	--	Bathythermograph
93	29°00'	88°48'	8-24-50	1533-1715	122	sft.M.	86	87	66	Pacific otter trawl
94	29°04.5'	88°43.5'	8-24-50	1930-2130	48	--	86	--	--	Handlines
95	29°13'	88°52'	8-27-50	0135-0250	36	gy.M.	81	85	71	100' shrimp trawl
96	29°13'	88°52'	8-27-50	1854-2005	36	gy.M.	83	85	71	100' shrimp trawl
97	29°13'	88°52'	8-27-50	2022-2140	36	gy.M.	83	85	71	100' shrimp trawl
98	29°13'	88°51'	9-11-50	2300-0015	34	M.	80	80	64	100' shrimp trawl
99	29°13'	88°51'	9-12-50	0030-0130	36	M.	--	81	64	100' shrimp trawl
100	29°11'	88°50.5'	9-12-50	0200-0300	38	M.	--	81	64	100' shrimp trawl
101	29°07.5'	88°50.5'	9-12-50	1830-1930	46	M.	81	82	64	100' shrimp trawl
102	29°07.5'	88°50.5'	9-12-50	2000-2100	45	M.	--	82	64	100' shrimp trawl
103	29°12'	88°53'	9-12-50	2230-2330	30	M.	82	84	69	100' shrimp trawl
104	29°15'	88°46'	9-13-50	0015-0115	33	M.	80	83	64	100' shrimp trawl
105	28°56'	88°37'	9-13-50	1700-1800	34	bk.M.	88	86	64	100' shrimp trawl
106	28°56'	88°39'	9-13-50	1830-1930	34	M.	82	84	66	100' shrimp trawl
107	28°53'	88°36.5'	9-13-50	2000-2100	37	M.	82	84	64	100' shrimp trawl
108	28°50'	88°39'	9-13-50	2330-0330	33	Co.rky.	83	83	71	Handlines
109	28°56'	88°36'	9-14-50	1720-1920	32	M.	82	84	67	100' shrimp trawl
110	28°57'	88°36'	9-14-50	2000-2300	33	M.	81	84	66	100' shrimp trawl
111	28°56.5'	88°36.5'	9-14-50	2300-0200	32	M.	80	84	68	100' shrimp trawl
112	28°56.5'	88°36.5'	9-15-50	0215-0515	32	M.	80	83	63	100' shrimp trawl
113	28°34'	88°46'	9-16-50	1350	200	--	82	86	55	Bathythermograph
114	28°24.5'	88°55.5'	9-16-50	2030	168	--	82	85	55	Bathythermograph
115	28°29'	90°00.5'	9-16-50	1605-1705	60	br.M.Sh.	86	85	62	40' shrimp trawl
116	28°27'	90°15'	9-16-50	1830-1940	30	S.M.	82	85	68	100' shrimp trawl
117	28°10.5'	90°28.5'	9-16-50	2115-2215	30	M.	82	84	73	100' shrimp trawl
118	28°05.5'	90°42'	9-17-50	1055-1500	46	Co.rky.	92	85	69	Handlines
119	28°30'	90°29'	9-17-50	1745-1845	20	M.	82	84	76	100' shrimp trawl
120	28°44.3'	90°09.5'	9-17-50	2120-2220	20	S.M.	82	84	75	100' shrimp trawl
121	28°45'	90°06'	9-18-50	1345-1415	21	S.M.	84	85	76	100' shrimp trawl
122	28°39'	88°49'	9-18-50	1700-1820	46	Co.rky.	84	85	64	Handlines
123	28°46.5'	88°45'	9-18-50	1915-2025	40	M.	82	85	66	100' shrimp trawl
124	29°04'	88°36'	9-23-50	1020	155	--	81	83	52	Bathythermograph
125	29°04'	88°36'	9-23-50	1030	155	--	81	83	52	Bathythermograph
126	29°02'	88°34.5'	9-23-50	1115-1222	195	--	83	93	--	40' shrimp trawl
127	29°02'	88°34'	9-23-50	1300-1400	232-258	bk.M.	88	84	--	40' shrimp trawl
128	29°15.5'	88°34.3'	9-23-50	1830-1900	38	--	78	82	71	100' shrimp trawl
129	29°15.5'	88°34.5'	9-23-50	1920-2030	38	--	81	82	71	100' shrimp trawl
130	29°14'	88°35'	9-23-50	2100-2200	38	--	78	82	69	Handlines
131	29°20'	88°35.5'	9-24-50	1040-1140	32	--	75	81	72	100' shrimp trawl
132	29°22'	88°49'	9-24-50	1300-1330	19	--	80	82	73	100' shrimp trawl
133	29°15.5'	88°03'	9-21-50	1500-1500	6	M.	76	80	81	100' shrimp trawl
134	29°17.5'	88°04'	9-24-50	1810-1910	6	M.	76	80	80	100' shrimp trawl
135	29°28'	88°15'	9-25-50	1200-1300	5	M.	76	80	80	100' shrimp trawl

Station Number	Locality		Date	Time	Depth in fathoms	Type of Bottom	Temperatures °F.			Type of Gear Used
	N. lat.	W. long.					Air	Sur.	Bot.	
136	30°04'	88°34'	11-16-50	1940-2030	10	S.Sh.M.	70	70	70	100' shrimp trawl
137	29°30'	88°36.5'	11-17-50	0030-0110	20	M.	59	70	74	100' shrimp trawl
138	28°56'	89°34.5'	11-17-50	1820-1850	30	M.	68	70	75	100' shrimp trawl
139	28°51'	89°35.5'	11-17-50	2010-2040	40	M.	68	72	72	100' shrimp trawl
140	29°10'	93°20'	11-18-50	1500-1615	10	S.Sh.	70	70	71	100' shrimp trawl
141	28°37'	93°16'	11-18-50	2000-2100	20	gy.M.	70	71	74	100' shrimp trawl
142	28°03'	94°33'	11-21-50	1830-1930	33	S.M.	65	74	74	100' shrimp trawl
143	28°02'	94°39'	11-21-50	2105-2205	36	S.M.	64	74	75	100' shrimp trawl
144	28°06'	94°32'	11-21-50	1400-1630	34	S.M.Sh.	72	74	74	Fish traps
145	28°00'	94°38'	11-22-50	1815-1900	40	S.M.	70	74	73	74' shrimp trawl
146	28°06.5'	94°44'	11-22-50	2020-2100	30	S.M.	69	74	75	74' shrimp trawl
147	28°17'	94°46'	11-22-50	2225-2310	25	M.	78	74	74	74' shrimp trawl
148	28°21.5'	95°00'	11-23-50	0030-0104	20	S.M.	68	71	72	74' shrimp trawl
149	27°50'	97°01'	11-26-50	1850-1920	9	S.M.	60	64	62	40' shrimp trawl
150	27°43'	96°51'	11-26-50	2050-2125	15	M.	60	68	67	40' shrimp trawl
151	27°43'	96°51'	11-26-50	2210-2300	16	M.	59	68	70	40' shrimp trawl
152	27°38'	96°45'	11-26-50	2350-0025	20	M.	72	68	70	65' shrimp trawl
153	27°37'	96°39'	11-27-50	0120-0155	25	M.	72	72	74	65' shrimp trawl
154	27°34'	96°36'	11-27-50	0245-0325	30	M.	66	74	74	100' shrimp trawl
155	27°21'	96°04'	11-27-50	1010	170	--	--	72	--	Bathythermograph
156	27°22'	96°08'	11-27-50	1550-1700	103	M.	69	76	59	100' shrimp trawl
157	27°25'	96°13'	11-27-50	1730-1815	76	M.	68	73	60	40' shrimp trawl
158	27°27'	96°17'	11-27-50	1900-1940	65	M.	66	73	63	40' shrimp trawl
159	27°29'	96°16'	11-27-50	2015-2100	58	M.	66	73	66	40' shrimp trawl
160	27°32'	96°21'	11-27-50	2130-2210	55	M.	66	73	65	40' shrimp trawl
161	27°33'	96°24'	11-27-50	2310-2350	47	M.	64	72	70	40' shrimp trawl
162	27°18'	96°02'	11-28-50	1300-1350	200	M.	72	75	50	40' shrimp trawl
163	27°15'	96°00'	11-28-50	1500-1605	235	M.	72	74	48	40' shrimp trawl
164	27°21'	96°06'	11-28-50	1655-1755	160	M.	70	74	53	40' shrimp trawl
165	27°37'	96°28'	11-28-50	2025-2105	42	M.	69	73	69	40' shrimp trawl
166	27°39'	96°30'	11-28-50	2130-2210	37	M.	69	73	75	40' shrimp trawl
167	27°41'	96°23'	11-28-50	2250-2325	30	M.	69	72	74	40' shrimp trawl
168	27°42'	96°34'	11-29-50	2353-0027	27	M.	69	70	74	40' shrimp trawl
169	27°56'	95°38'	11-29-50	1545-1620	28	S.M.	72	70	73	40' shrimp trawl
170	28°04'	95°36'	11-29-50	1705-1740	25	S.M.	70	68	73	40' shrimp trawl
171	28°14'	95°34'	11-29-50	1850-2005	18	S.M.	70	68	72	65' shrimp trawl
172	28°14'	95°34'	11-29-50	2023-2130	18	S.M.	68	68	72	100' shrimp trawl
173	28°14'	95°34'	11-29-50	2142-2220	18	S.M.	68	68	72	100' shrimp trawl
174	28°40'	89°49.4'	12-7-50	1400-1600	42	rky.	46	64	62	Fish traps
175	28°48'	89°43.5'	12-7-50	1750-1900	40	M.	45	62	66	100' shrimp trawl
176	28°49'	89°42.5'	12-7-50	1925-2030	36	M.	45	60	67	100' shrimp trawl
177	28°49'	89°42.5'	12-7-50	2045-2300	35	M.	48	60	66	100' shrimp trawl
178	28°49'	89°42.5'	12-7-50	2305-0230	30	M.	48	60	70	100' shrimp trawl
179	28°35'	89°12'	12-8-50	1600-1630	180	M.	50	73	--	40' shrimp trawl
180	28°43'	89°18'	12-8-50	1705-1820	80	M.	50	72	59	40' shrimp trawl
181	30°08.5'	88°03.5'	12-13-50	1515-1615	10	S.M.	56	62	63	100' shrimp trawl
182	30°16'	88°01.5'	12-13-50	1705-1805	3	M.	52	53	54	100' shrimp trawl
183	30°08.5'	88°03.5'	12-14-50	0705-0808	9	S.M.	50	61	65	100' shrimp trawl
184	30°13'	88°08'	12-14-50	0900-1055	7	M.	50	59	62	100' shrimp trawl
185	30°13'	88°08'	12-14-50	1105-1310	7	M.	52	58	61	100' shrimp trawl
186	30°13'	88°08'	12-14-50	1320-1415	7	M.	52	58	61	100' shrimp trawl
187	30°08.5'	88°03.5'	12-14-50	1500-1700	9	--	52	60	63	100' shrimp trawl
188	29°52.5'	88°04'	12-14-50	1835	19	--	52	65	63	Temperature Station
189	29°42'	88°04.5'	12-14-50	2045	20	--	56	67	70	Temperature Station
190	29°31'	88°04.5'	12-14-50	2215	22	--	62	69	71	Temperature Station
191	29°21'	88°04.5'	12-14-50	2255	35	--	67	70	71	Temperature Station
192	29°14.5'	88°04.5'	12-14-50	2320	164	--	67	72	--	Temperature Station
193	29°06'	88°04.5'	12-14-50	2400	400	--	68	68	--	Temperature Station
194	28°56'	88°04.5'	12-15-50	0100	800	--	--	74	--	Temperature Station
195	28°56'	88°16'	12-15-50	0200	650	--	--	73	--	Temperature Station
196	29°06'	88°18'	12-15-50	0315	235	--	--	73	--	Temperature Station
197	29°15'	88°20'	12-15-50	0420	60	--	--	69	--	Temperature Station
198	29°25'	88°22'	12-15-50	0525	30	--	62	65	66	Temperature Station
199	29°35'	88°24'	12-15-50	--	23	--	62	65	63	Temperature Station
200	29°46'	88°26.5'	12-15-50	0735	16	--	60	66	63	Temperature Station
201	29°56'	88°29'	12-15-50	0840	15	--	60	63	63	Temperature Station
202	30°04'	88°31'	1-8-51	1620-1650	10	S.M.	51	57	60	100' shrimp trawl
203	29°37'	88°31.5'	1-8-51	1953-2030	20	bu.M.	48	61	62	100' shrimp trawl

Station Number	Locality		Date	Time	Depth in fathoms	Type of bottom	Temperatures °F.			Type of gear used
	N. lat.	W. long.					Air	Sur.	Bot.	
204	29°05'	88°31.5'	1-8-51	2400	185	--	49	--	--	Bathythermograph
205	28°36'	88°37'	1-9-51	0315	750	--	49	--	--	Bathythermograph
206	28°36'	86°37'	1-9-51	0325	750-800	--	49	--	--	Plankton net
207	28°06.5'	88°42.5'	1-9-51	0700	985	--	54	--	--	Bathythermograph
208	27°37'	88°42'	1-9-51	1015	1000	--	62	--	--	Bathythermograph
209	27°00'	86°55'	1-9-51	1320	1400	--	--	--	--	Bathythermograph
210	26°31.5'	89°00'	1-9-51	1620	1500	--	62	--	--	Bathythermograph
211	26°00'	89°06'	1-9-51	1925	1700	--	63	--	--	Bathythermograph
212	25°31'	89°11'	1-9-51	2225	1800	--	61	--	--	Bathythermograph
213	25°01'	89°16'	1-10-51	0130	1900	--	67	--	--	Bathythermograph
214	25°01'	89°16'	1-10-51	0145	1900	--	67	--	--	Bathythermograph
215	24°32'	89°21'	1-10-51	0525	2000	--	66	--	--	Bathythermograph
216	24°01'	88°33'	1-10-51	0835	1650	--	68	--	--	Bathythermograph
217	23°35'	89°34'	1-10-51	1130	164	--	70	--	--	Bathythermograph
218	23°27'	89°34'	1-10-51	1230-1300	124	Co.S.M.	69	73	55	40' shrimp trawl
219	23°00'	89°36'	1-10-51	1700-1740	76	S.wh.M.	77	73	63	40' shrimp trawl
220	22°45'	89°09'	1-10-51	2230-0930	35	Co.rky.	74	71	75	Handlines
221	22°45'	89°09'	1-11-51	0700-1030	34	Co.rky.	74	71	75	Fish traps
222	22°32'	88°47'	1-11-51	1542-1610	29	Co.	73	73	73	40' shrimp trawl
223	22°08'	88°38'	1-11-51	2015-2100	20	Co.S.Sp.	70	73	73	40' shrimp trawl
224	21°55'	88°37'	1-11-51	2307-2355	14	Co.S.	69	72	72	74' shrimp trawl
225	24°21'	83°19.5'	1-13-51	1540	188	--	70	--	--	Bathythermograph
226	24°46'	82°59'	1-13-51	1906-2015	25	Co.M.	69	71	70	100' shrimp trawl
227	24°46'	82°59'	1-13-51	2020-2135	25	Co.H.	69	71	70	100' shrimp trawl
228	24°40'	82°56'	1-15-51	2200-0500	7	rky.	70	70	72	Fish traps
229	27°22.5'	83°02'	1-18-51	1815-1900	13	Co.Sp.	62	64	63	100' shrimp trawl
230	27°16.5'	83°09.5'	1-18-51	1950-2005	18	Co.Sp.	65	64	64	40' shrimp trawl
231	26°05'	83°04'	1-19-51	0412-0445	85	Co.Sp.	67	68	60	40' shrimp trawl
232	25°03.5'	83°08'	1-19-51	1750-1930	30	Co.Sp.	69	69	68	40' shrimp trawl
233	25°03'	82°56'	1-19-51	1950-2035	25	Sp.	68	69	68	40' shrimp trawl
234	24°52'	82°54'	1-19-51	2137-2215	24	wh.M.	68	69	68	40' shrimp trawl
235	24°52'	82°54'	1-19-51	2245-0150	24	wh.M.Sp.	68	69	68	100' shrimp trawl
236	24°45'	82°59'	1-20-51	1700-1808	25	wh.M.Sp.	68	68	69	100' shrimp trawl
237	24°46'	82°59'	1-20-51	1815-2125	25	wh.M.	68	68	68	100' shrimp trawl
238	24°46'	82°59'	1-20-51	2350-0055	25	Co.M.	68	68	69	74' shrimp trawl
239	24°46'	82°59'	1-21-51	0100-0420	25	Co.M.	66	68	69	74' shrimp trawl
240	24°36'	82°52'	1-21-51	1720-1840	13	--	68	71	70	40' shrimp trawl
241	24°33'	82°46'	1-21-51	1835-1910	14	Co.M.	68	72	70	40' shrimp trawl
242	24°24'	82°46'	1-21-51	1956-2030	17	Co.M.	68	72	71	40' shrimp trawl
243	24°19'	82°42'	1-21-51	2130-2222	117	Sh.M.	68	72	51	40' shrimp trawl
244	24°46'	82°59'	1-22-51	1734-2045	25	Co.M.	68	70	69	100' shrimp trawl
245	24°57'	82°36'	1-22-51	2320-0120	18	--	66	69	66	100' shrimp trawl
246	25°06'	82°39'	1-23-51	0225-0340	22	wh.M.	64	66	66	100' shrimp trawl
247	25°16'	82°49'	1-23-51	1803-1920	24	S.M.	67	67	67	40' shrimp trawl
248	24°16'	82°49'	1-23-51	1940-2050	24	S.M.	67	67	67	40' shrimp trawl
249	25°20'	82°55'	1-23-51	2133-2240	26	--	66	68	67	40' shrimp trawl
250	25°25'	82°59'	1-23-51	2315-0025	27	--	66	68	67	40' shrimp trawl
251	26°09'	82°10'	1-24-51	1325-1400	9	S.Sh.M.	72	66	63	40' shrimp trawl
252	26°14'	82°04.5'	1-24-51	1430-1502	7	S.Sh.Sp.	72	66	63	40' shrimp trawl
253	26°18'	82°04'	1-24-51	1540-1620	6	S.Sh.	70	65	64	40' shrimp trawl
254	26°44'	82°14'	1-26-51	1708-1720	2	S.rky.	61	60	60	40' shrimp trawl
255	27°36'	83°41'	1-27-51	0430-0525	25	Sh.M.	52	66	66	40' shrimp trawl
256	28°10'	85°00'	1-27-51	1310-1400	85	--	63	66	58	40' shrimp trawl
257	26°41'	86°03'	1-27-51	2005-2105	165	Sh.M.	61	68	52	40' shrimp trawl
258	30°09'	88°06.5'	1-28-51	1243-1345	8	--	62	58	58	100' shrimp trawl
259	30°14'	88°08.5'	1-28-51	1408-1518	4	S.	62	58	58	100' shrimp trawl
260	29°42'	88°25.5'	2-14-51	1905-2005	21	S.M.	62	61	62	100' shrimp trawl
261	29°21'	88°26'	2-14-51	2220-2320	30	S.Sh.M.	62	62	65	100' shrimp trawl
262	29°14.5'	88°20'	2-15-51	1800-1200	49	rky.	64	62	63	Handlines
263	29°22'	88°06'	2-15-51	1415-1440	45	S.Sh.	66	64	60	100' shrimp trawl
264	29°27'	87°45'	2-16-51	1718-1738	37	S.	62	64	64	40' shrimp trawl
265	29°20'	87°42'	2-16-51	1845-1925	101	br.M.	64	66	59	40' shrimp trawl
266	29°17.5'	87°40'	2-16-51	2015-2115	185-200	gy.H.	62	66	53	40' shrimp trawl
267	29°26.5'	87°35'	2-17-51	1800-0800	40	rky.	60	65	61	Handlines
268	29°28'	87°28'	2-17-51	1400-1530	110	gn.H.	68	62	58	80' fish trawl
269	29°27.5'	87°26.5'	2-17-51	1540-1635	150	gy.H.	68	62	56	40' shrimp trawl
270	29°23'	87°25'	2-17-51	1735-1915	220	gy.H.	64	62	50	40' shrimp trawl
271	29°24'	86°56'	2-18-51	1305-1510	300	gy.H.	78	67	--	40' shrimp trawl
272	29°16'	86°39'	2-18-51	1650-1830	216	gn.H.	53	67	50	40' shrimp trawl
273	29°09'	85°59'	2-18-51	2210-2320	110	gn.H.Sh.	66	67	57	40' shrimp trawl

Station Number	Locality		Date	Time	Depth in fathoms	Type of bottom	Temperatures °F.			Type of gear used
	N. lat.	W. long.					Air	Sur.	Bot.	
274	29°35'	85°16.5'	2-19-51	1245-1330	6	br.M.	76	61	61	40' shrimp trawl
275	29°29'	85°10'	2-19-51	1600-1700	12	br.M.	75	61	61	40' shrimp trawl
276	29°03'	84°24'	2-23-51	1410-1420	15	Co.S.Sp.	68	64	64	40' shrimp trawl
277	28°48'	85°04'	2-23-51	2145-2240	104	gy.M.	62	66	58	40' shrimp trawl
278	28°49'	85°04.5'	2-24-51	2320-0040	112	gy.M.	62	65	57	65' shrimp trawl
279	29°11'	86°52.5'	2-24-51	1430-1710	305	gn.M.	68	66	--	40' shrimp trawl
280	29°26'	87°03'	2-25-51	2120-0700	36	Co.R.	68	66	62	Fish traps
281	29°38'	87°16.5'	2-25-51	1610-1810	112	gy.M.	66	66	58	65' shrimp trawl
282	29°16'	86°20'	2-26-51	1230-1540	32	rky.M.	70	65	59	Handlines
283	29°11.5'	88°37'	2-26-51	1605-1620	41	gy.M.	68	65	58	74' shrimp trawl
284	29°16'	88°30'	2-26-51	1650-1800	39	gy.M.	68	65	58	74' shrimp trawl
285	29°17'	88°04.5'	2-26-51	1830-1940	34	bu.M.	68	65	59	74' shrimp trawl
286	29°20'	88°04.2'	2-26-51	2005-2110	30	bu.M.	68	65	59	74' shrimp trawl
287	29°20'	88°04.2'	2-26-51	2120-2235	30	bu.M.	60	65	59	74' shrimp trawl
288	29°15.5'	88°04.8'	2-27-51	1800-2010	34	M.	63	64	64	65' shrimp trawl
289	29°15.5'	88°04.8'	2-27-51	2025-2220	34	M.	63	64	64	65' shrimp trawl
290	30°15.7'	88°19.9'	3-31-51	1030-1100	2	gy.M.	74	62	62	100' shrimp trawl
291	29°51'	88°19.5'	3-31-51	1530-1642	18	gy.M.	64	63	62	100' shrimp trawl
292	29°21'	88°18'	3-31-51	1955-2115	33	gy.M.	74	64	64	100' shrimp trawl
293	28°51'	89°36'	4-1-51	0915-0955	40	bu.M.	56	64	64	100' shrimp trawl
294	28°44.5'	91°04.8'	4-4-51	2120-2155	15	bu.M.	64	64	67	40' shrimp trawl
295	28°41'	91°04.9'	4-4-51	2217-2255	17	Co.R.M.	64	66	66	40' shrimp trawl
296	28°37'	91°05.2'	4-4-51	2326-0005	20	bu.M.	70	66	63	40' shrimp trawl
297	28°05.5'	91°00'	4-6-51	0910-1550	51	Co.R.	74	70	69	Handlines
298	28°06.5'	91°00'	4-6-51	1652-1730	58	M.	70	69	63	40' shrimp trawl
299	28°10'	91°06.5'	4-6-51	1755-1830	50	M.	70	69	64	40' shrimp trawl
300	28°10'	91°04.3'	4-6-51	1905-1950	50	M.	68	68	66	40' shrimp trawl
301	28°15'	91°04.5'	4-6-51	2030-2107	40	M.	68	69	66	40' shrimp trawl
302	28°15'	91°21.5'	4-6-51	2147-2230	40	M.	68	69	66	40' shrimp trawl
303	27°57'	92°02'	4-7-51	1130-1540	48	Co.R.	68	68	66	Handlines
304	29°28'	88°55'	4-8-51	1420-1445	8	S.M.	74	67	67	40' shrimp trawl
305	29°28'	88°55'	4-8-51	1525-1645	8	S.M.	74	67	67	100' shrimp trawl
306	29°19'	88°36'	4-22-51	1648-1748	35	--	69	68	66	100' shrimp trawl
307	29°00'	88°35'	4-22-51	2004-2210	220	M.	66	67	50	100' shrimp trawl
308	29°53.5'	88°22'	4-26-51	1240-1345	18	M.	72	70	66	100' shrimp trawl
309	29°53.5'	88°22'	4-26-51	1411-1525	18	M.	67	70	66	Iceland otter trawl
310	29°53.5'	88°22'	4-26-51	1532-1645	18	M.	67	70	66	Iceland otter trawl
311	29°53.5'	88°22'	4-26-51	1735-1815	18	M.	67	70	66	40' shrimp trawl
312	29°21.5'	88°04.5'	4-26-51	0900-1300	46	rky.	70	71	68	Handlines
313	29°22'	88°06.5'	4-27-51	1330-1405	43	S.M.Sh.	68	72	67	100' shrimp trawl
314	29°15.5'	87°53'	4-27-51	1600-1730	175	bu.M.	72	72	50	100' shrimp trawl
315	29°15.5'	87°53'	4-27-51	1517	175	--	72	72	50	Bathythermograph
316	29°27'	87°35'	4-27-51	2000-0730	36	rky.	70	72	69	Handlines
317	29°28'	87°37'	4-28-51	0817-0847	32	S.Co.Gv.	72	73	65	100' shrimp trawl
318	29°25'	87°26'	4-28-51	1022-1125	104	M.	71	72	58	100' shrimp trawl
319	29°20'	87°25'	4-28-51	1250-1530	315-340	--	72	73	--	40' shrimp trawl
320	29°20'	87°25'	4-28-51	1530	315	--	74	73	--	Bathythermograph
321	29°27'	87°19'	4-28-51	1630-1817	220	--	76	74	50	100' shrimp trawl
322	29°26.5'	87°30'	4-28-51	2035-0952	39	--	79	71	67	Handlines
323	29°33'	87°30'	4-29-51	1122-1205	38	S.	76	72	66	100' shrimp trawl
324	29°36'	87°21.5'	4-29-51	1805-0835	42	S.Sh.rky.	72	71	68	Handlines
325	29°51'	87°05'	4-30-51	1040-1130	108	bu.gy.M.	72	72	58	40' shrimp trawl
326	29°57'	86°57.5'	4-30-51	1322-1410	82	gy.M.	72	72	59	40' shrimp trawl
327	30°04'	86°55'	4-30-51	1527-1650	54	--	72	73	62	40' shrimp trawl
328	30°04'	86°48.5'	4-30-51	1720-1845	27	S.Sh.	72	71	66	Handlines
329	30°03'	86°48.5'	4-30-51	1903-2020	42	S.M.	72	70	66	100' shrimp trawl
330	29°59'	87°05'	5-1-51	0900-1050	29	--	71	72	65	Handlines
331	30°03'	86°56'	5-4-51	1220-1315	60	--	75	73	60	100' shrimp trawl
332	30°02.5'	86°53'	5-5-51	0915-1000	60	--	71	73	60	40' shrimp trawl
333	30°04'	86°53'	5-5-51	1045-1135	52	--	71	73	61	40' shrimp trawl
334	30°03'	86°48'	5-5-51	1305-1400	57	--	77	72	62	40' shrimp trawl
335	30°03'	86°48'	5-5-51	1410-1520	57	--	77	72	62	100' shrimp trawl
336	29°24.2'	88°02.4'	5-6-51	0700-1345	40	R.	71	74	66	Handlines
337	29°18'	88°16'	5-6-51	1610-1700	43	--	81	75	66	40' shrimp trawl
338	29°12'	88°35.5'	5-6-51	1940-0845	32	R.	81	73	65	Handlines
339	29°02.5'	88°48.3'	5-7-51	0917	86	--	--	--	--	Bathythermograph
340	28°50'	89°33'	5-7-51	1335-1415	43	--	70	73	65	40' shrimp trawl

Station Number	Locality		Date	Time	Depth in fathoms	Type of bottom	Temperatures °F.			Type of gear used
	N. lat.	W. long.					Air	Sur.	Bot.	
341	29°50'	89°33'	5-7-51	1425-1520	43	--	70	73	65	40' shrimp trawl
342	28°50'	89°33'	5-7-51	1535-1615	43	--	70	73	65	40' shrimp trawl
343	28°43'	89°39'	5-7-51	1719-1752	50	--	70	73	82	40' shrimp trawl
344	28°40'	89°49.5'	5-8-51	1025-1250	42	--	70	74	64	Handlines
345	28°51'	89°37'	5-8-51	1530-1552	40	--	70	71	65	100' shrimp trawl
346	28°50'	89°37'	5-9-51	0718-0925	40	--	74	73	65	100' shrimp trawl
347	28°50'	89°37'	5-9-51	0955-1205	40	--	74	73	65	74' shrimp trawl
348	30°11.5'	88°32'	5-21-51	1607-1645	7	S.M.	76	75	74	40' shrimp trawl
349	29°09'	87°38'	5-22-51	0720-0955	470-500	bu.M.	79	76	--	40' shrimp trawl
350	29°09'	87°55'	5-22-51	0930	500	bu.M.	--	--	--	Bathythermograph
351	29°13.3'	88°00'	5-22-51	1052-1220	200	bu.M.	79	76	50	40' shrimp trawl
352	29°13.3'	88°00'	5-22-51	1015	200	bu.M.	78	76	--	Bathythermograph
353	30°01.7'	86°55.5'	5-25-51	0738-0815	64	gy.gn.M.	73	74	57	40' shrimp trawl
354	30°02.5'	86°48'	5-25-51	0902-0940	65	gy.gn.M.	73	74	59	40' shrimp trawl
355	30°02.4'	86°40'	5-25-51	1030-1115	40	S.M.	70	74	65	40' shrimp trawl
356	29°51'	86°32.5'	5-25-51	1300-1335	57	gy.M.S.	72	75	65	40' shrimp trawl
357	30°01'	86°30'	5-25-51	1610-1650	25	Co.Sh.G.	72	74	67	40' shrimp trawl
358	30°06.5'	86°52'	5-25-51	1852-1933	52	gy.M.S.	71	74	61	40' shrimp trawl
359	29°12'	88°35.5'	5-26-51	1930-2400	32	M.	76	75	66	Handlines
360	29°12'	88°35.5'	5-27-51	1930-0825	35	R.M.	76	75	66	Fish traps
361	29°34.5'	88°43.5'	5-27-51	1130-1620	48	R.M.	80	76	63	Handlines
362	28°38'	89°33.5'	5-27-51	2020-0230	33	R.	76	77	62	Handlines
363	28°46'	89°41.5'	5-28-51	0834-0940	44	H.	76	77	64	40' shrimp trawl
364	28°39.7'	89°49.5'	5-28-51	1045-1900	48	Co.R.	78	79	62	Handlines
365	28°26.5'	90°15.7'	5-29-51	1005-1050	30	H.	77	79	66	40' shrimp trawl
366	27°56'	91°29'	5-29-51	1830-0800	45	R.Co.M.	83	76	66	Handlines
367	27°59'	91°39'	5-30-51	0822-1127	34	R.	78	77	68	Fish traps
368	27°59'	91°39'	5-30-51	0900-1100	34	R.	78	77	68	Handlines
369	28°00.5'	91°45'	5-30-51	1220-1507	48	R.Co.	78	79	65	Fish traps
370	28°00.5'	91°45.5'	5-30-51	1300-1600	48	Co.R.M.	78	79	66	Handlines
371	28°04.5'	91°51.5'	5-30-51	1800-2000	48	Co.R.	77	79	66	Handlines
372	27°57'	92°00'	5-31-51	1530-1845	32	Co.M.	83	79	66	Fish traps
373	27°57'	92°00'	5-31-51	1615-2030	32	R.	83	79	66	Handlines
374	27°57'	92°03'	5-31-51	1845-0800	47	Co.R.M.	80	79	66	Fish traps
375	27°57'	92°03'	6-1-51	0905-1345	47	M.R.	80	80	66	Fish traps
376	28°02'	92°29'	6-1-51	1800-1810	46	Co.R.M.	79	79	66	Fish traps
377	28°02'	92°29'	6-1-51	1730-0200	49	M.R.	79	80	66	Handlines
378	28°17'	94°27'	6-6-51	1500-1600	7	S.	78	80	79	100' shrimp trawl
379	28°53'	88°44.5'	6-7-51	2125-2400	260-280	gy.br.M.	82	80	--	100' shrimp trawl
380	28°57.5'	88°40.5'	6-8-51	0045-0152	190	gy.M.	76	80	48	40' shrimp trawl
381	30°11.5'	88°32'	6-8-51	0850-0925	6	S.Sh.	79	81	80	40' shrimp trawl
382	29°11.5'	88°07.5'	6-21-51	1620-1800	190-210	--	85	83	--	100' shrimp trawl
383	29°10'	88°00'	6-21-51	1830-2000	280-310	--	82	82	--	40' shrimp trawl
384	29°10'	88°00'	6-21-51	2020-2135	265-300	--	82	82	--	40' shrimp trawl
385	30°01.5'	88°03'	6-22-51	0715-0748	12	--	83	79	--	Handlines
386	30°13.5'	88°10'	6-22-51	0920-1090	3	--	82	79	82	40' shrimp trawl
387	30°13.5'	88°10'	6-22-51	1012-1040	3	--	82	79	82	40' shrimp trawl
388	29°28'	88°36'	8-8-51	1525-1600	25	Cl.M.S.	82	84	--	40' shrimp trawl
389	29°16'	88°20'	8-8-51	1800-2000	32	R.Co.S.M.	85	87	66	Handlines
390	29°14.5'	86°36.5'	8-8-51	1945-2020	38	bu.bk.M.	84	64	63	40' shrimp trawl
391	29°14.5'	86°36.5'	8-8-51	2030-2105	38	bu.bk.M.	84	83	63	40' shrimp trawl
392	29°14.5'	86°36.5'	8-8-51	2112-2158	38	bu.bk.M.	83	83	64	40' shrimp trawl
393	29°19.5'	88°45'	8-8-51	2255-2330	30	bk.M.	83	82	62	40' shrimp trawl
394	29°19.5'	88°45'	8-8-51	2336-0012	30	bk.M.	83	82	62	40' shrimp trawl
395	29°19.5'	88°45'	8-9-51	1220-0100	30	bk.M.	82	82	62	40' shrimp trawl
396	29°42'	88°29'	8-10-51	0052-0130	20	bu.M.	84	82	64	40' shrimp trawl
397	29°42'	88°29'	8-10-51	0135-0205	20	bu.M.	84	82	64	40' shrimp trawl
398	29°42'	88°29'	8-10-51	0210-0245	20	bu.M.	84	82	63	40' shrimp trawl
399	28°53'	89°03'	8-14-51	2245	78	--	86	85	--	Bathythermograph
400	27°48'	89°28'	8-15-51	0450	640	--	85	85	--	Bathythermograph
401	27°00'	89°44'	8-15-51	1050	1360	--	89	85	--	Bathythermograph
402	26°00'	90°04'	8-15-51	1630	2000	--	88	85	--	Bathythermograph
403	25°00'	90°30'	8-15-51	2230	2000	--	85	85	--	Bathythermograph
404	24°00'	90°53'	8-16-51	0530	2000	--	84	84	--	Bathythermograph
405	23°00'	91°09'	8-16-51	1200	2000	--	88	85	--	Bathythermograph
406	22°14'	91°26'	8-16-51	2120-2140	50	wh.M.S.	84	84	62	40' shrimp trawl
407	21°38'	92°10.5'	8-17-51	1325-1400	29	wh.M.	85	85	68	40' shrimp trawl
408	21°38'	92°10.5'	8-17-51	1408-1445	29	S.M.	85	85	69	40' shrimp trawl
409	21°38'	92°10.5'	8-17-51	1450-1530	29	Co.S.	85	85	70	40' shrimp trawl
410	21°38'	92°10.5'	8-17-51	1540	29	Sp.S.M.	88	85	70	Bathythermograph

Station Number	Locality		Date	Time	Depth in fathoms	Type of bottom	Temperatures °F.			Type of gear used
	N. lat.	W. long.					Air	Sur.	Bot.	
411	21°15'	92°16'	8-17-51	1838-1915	35	S.wh.M.	82	84	67	40' shrimp trawl
412	21°15'	92°16'	8-17-51	1922-2005	35	S.wh.M.	82	84	66	40' shrimp trawl
413	21°15'	92°16'	8-17-51	2110-2150	35	S.wh.M.	82	84	67	40' shrimp trawl
414	21°15'	92°16'	8-17-51	2055	35	wh.M.S.	82	84	67	Bathythermograph
415	20°45'	92°12'	8-18-51	1625-1710	27	S.M.	83	84	76	40' shrimp trawl
416	20°45'	92°12'	8-18-51	1715-1750	27	S.M.	83	84	76	40' shrimp trawl
417	20°45'	92°12'	8-18-51	1756-1830	27	S.M.	82	84	76	40' shrimp trawl
418	20°45'	92°12'	8-18-51	1835	27	S.M.	82	84	76	Bathythermograph
419	20°20'	91°55.5'	8-18-51	2152-2235	22	S.M.	82	84	70	40' shrimp trawl
420	20°20'	91°55.5'	8-18-51	2240-2315	22	S.M.	82	83	70	40' shrimp trawl
421	20°20'	91°55.5'	8-18-51	2322-2357	22	S.M.	82	82	70	40' shrimp trawl
422	20°20'	91°55.5'	8-18-51	2358	22	S.M.	82	82	70	Bathythermograph
423	19°36'	91°47.5'	8-19-51	1433-1510	24	S.wh.M.	88	82	71	40' shrimp trawl
424	19°36'	91°47.5'	8-19-51	1515-1550	24	M.S.	87	83	70	40' shrimp trawl
425	19°36'	91°47.5'	8-19-51	1555-1636	24	M.S.	86	82	71	40' shrimp trawl
426	19°36'	91°47.5'	8-19-51	1636	24	S.M.	87	82	71	Bathythermograph
427	18°47'	92°00'	8-23-51	1512-1550	8.5	br.M.	93	83	81	40' shrimp trawl
428	18°47'	92°00'	8-23-51	1555-1628	8.5	br.M.	95	83	82	40' shrimp trawl
429	18°47'	92°00'	8-23-51	1632-1705	8.5	br.M.	86	82	81	40' shrimp trawl
430	19°16'	92°14'	8-23-51	1955-2030	22	bu.M.	82	82	72	40' shrimp trawl
431	19°16'	92°14'	8-23-51	2035-2110	22	bu.M.	82	82	72	40' shrimp trawl
432	19°16'	92°14'	8-23-51	2117-2155	22	bu.M.	82	82	72	40' shrimp trawl
433	19°20'	92°17'	8-23-51	2235-2315	30	bu.M.	82	82	70	40' shrimp trawl
434	19°35'	92°30.5'	8-24-51	1110-1125	100	--	87	83	--	40' shrimp trawl
435	20°05.2'	91°56.2'	8-24-51	1700-1745	21	rky.M.	87	83	70	Handlines
436	20°07'	91°41.2'	8-24-51	1925-2000	20	Sh.M.	80	82	74	40' shrimp trawl
437	20°08.2'	91°30'	8-24-51	2110-2150	20	Sh.M.	82	82	75	40' shrimp trawl
438	20°08.2'	91°30'	8-24-51	2158-2230	20	Sh.M.	79	82	75	40' shrimp trawl
439	19°45'	91°20'	8-25-51	1705	14	M.Sh.	85	83	--	Bathythermograph
440	19°48'	91°20'	8-25-51	1846-1920	14	Sh.M.	80	82	81	100' shrimp trawl
441	19°48'	91°20'	8-25-51	1930-2035	14	Sh.gy.M.	80	82	81	100' shrimp trawl
442	19°48'	91°20'	8-25-51	2044-2205	14	Sh.gy.M.	80	82	82	100' shrimp trawl
443	19°48'	91°20'	8-25-51	2217-2350	14	Sh.gy.M.	80	82	81	100' shrimp trawl
444	19°48'	91°20'	8-25-51	2355-0135	14	Sh.gy.M.	80	82	81	100' shrimp trawl
445	19°48'	91°20'	8-26-51	0138-0230	14	Sh.gy.M.	80	82	81	100' shrimp trawl
446	20°05'	91°28'	8-26-51	1855-2000	17.5	Sh.gy.M.	82	82	75	40' shrimp trawl
447	20°05'	91°28'	8-26-51	2015-2120	17.5	Sh.gy.M.	82	82	76	40' shrimp trawl
448	20°05'	91°28'	8-26-51	2127-2225	17.5	Sh.gy.M.	82	82	75	40' shrimp trawl
449	20°52.5'	90°51'	8-27-51	0435-0515	10	wh.S.	80	78	77	40' shrimp trawl
450	23°09.5'	89°47'	8-28-51	1300	125	--	--	--	--	Bathythermograph
451	23°19'	89°46'	8-28-51	1400	178	--	--	--	--	Bathythermograph
452	23°29'	89°44'	8-28-51	1500	270	--	--	--	--	Bathythermograph
453	23°38'	89°43'	8-28-51	1600	2000	--	--	--	--	Bathythermograph
454	23°47'	89°41'	8-28-51	1700	2000	--	--	--	--	Bathythermograph
455	23°57'	89°40'	8-29-51	1800	2000	--	--	--	--	Bathythermograph
456	24°07'	89°38'	8-29-51	1900	2000	--	--	--	--	Bathythermograph
457	24°15'	89°36'	8-29-51	2000	2000	--	--	--	--	Bathythermograph
458	24°24'	89°35.5'	8-29-51	2200	2000	--	--	--	--	Bathythermograph
459	24°43'	89°32.5'	8-29-51	2300	1900	--	--	--	--	Bathythermograph
460	24°53'	89°31'	8-29-51	0001	1900	--	--	--	--	Bathythermograph
461	25°02'	89°30'	8-29-51	0110	1930	--	--	--	--	Bathythermograph
462	25°11'	89°29'	8-29-51	0200	1930	--	--	--	--	Bathythermograph
463	25°36'	89°25'	8-29-51	0430	1600	--	--	--	--	Bathythermograph
464	25°41'	89°23'	8-29-51	0500	1600	--	--	--	--	Bathythermograph
465	25°51'	89°22'	8-29-51	0600	1600	--	--	--	--	Bathythermograph
466	26°00'	89°20'	8-29-51	0700	1600	--	--	--	--	Bathythermograph
467	26°12'	89°34'	8-29-51	0800	1650	--	--	--	--	Bathythermograph
468	26°30'	89°31'	8-29-51	1000	1650	--	--	--	--	Bathythermograph
469	26°40'	89°28'	8-29-51	1100	1500	--	--	--	--	Bathythermograph
470	27°07'	89°21'	8-29-51	1200	1300	--	--	--	--	Bathythermograph
471	27°57.3'	89°18'	8-29-51	1600	730	--	--	--	--	Bathythermograph
472	29°05'	88°31'	9-6-51	0827-0955	190	bu.M.	89	85	50	74' shrimp trawl
473	29°05'	88°31'	9-6-51	0900	190	--	--	--	--	Bathythermograph
474	29°05'	88°28'	9-6-51	1030-1310	208	gn.M.	87	85	50	74' shrimp trawl
475	29°05'	88°30'	9-6-51	1215	205	--	--	--	--	Bathythermograph
476	29°06'	88°30'	9-6-51	1355-1700	185	gn.M.	86	86	--	100' shrimp trawl
477	29°06'	88°30'	9-6-51	1515	180	--	--	--	--	Bathythermograph
478	29°05'	88°27'	9-6-51	1722-1900	215	gn.M.	84	85	51	100' shrimp trawl
479	29°05'	88°27'	9-6-51	1830	215	--	--	--	--	Bathythermograph
480	28°58'	88°39'	9-7-51	1020-1300	207	gn.M.	85	86	52	74' shrimp trawl

Station Number	Locality		Date	Time	Depth in fathoms	Type of bottom	Temperatures °F.			Type of gear used
	N. lat.	W. long.					Air	Sur.	Bot.	
481	28°57'	88°40.5'	9-7-51	1130	210	--	--	--	--	Bathythermograph
482	28°57'	88°42.5'	9-7-51	1300-1600	210	gn.H.	88	90	51	74' shrimp trawl
483	28°58'	88°40'	9-7-51	1640-1840	200	gn.H.	90	88	51	74' shrimp trawl
484	28°56.5'	88°40'	9-7-51	1308-2135	220-240	gn.H.	84	88	50	74' shrimp trawl
485	29°12'	88°35.5'	9-12-51	1837-2400	32	R.	81	85	70	Handlines
486	29°12'	88°35.5'	9-13-51	1645-2318	32	Co.	30	84	70	Handlines
487	29°35'	87°45'	9-27-51	1742-1825	22	S.	77	81	65	40' shrimp trawl
488	29°27.5'	87°40'	9-27-51	1930-0630	36	R.H.	79	82	65	Handlines
489	27°14'	85°09'	9-29-51	1340-1540	354	bu.H.	79	82	--	40' shrimp trawl
490	27°44'	85°02'	9-29-51	1645-1810	215	bu.H.	79	82	52	40' shrimp trawl
491	27°9'	84°59'	9-29-51	1912-2020	200	br.H.	77	82	52	40' shrimp trawl
492	30°00.5'	66°45.5'	10-15-51	2155-2245	55-60	S.M.	73	77	58	74' shrimp trawl
493	28°58.5'	89°32.5'	11-9-51	0826-0830	30	sft.H.	60	66	72	40' shrimp trawl
494	28°56.5'	89°33.5'	11-9-51	0845-0920	30	sft.H.	60	66	72	40' shrimp trawl
495	28°55'	89°34'	11-9-51	0945-1028	34	H.	68	68	71	40' shrimp trawl
496	28°59'	89°35'	11-9-51	1108-1145	40	H.	68	69	69	40' shrimp trawl
497	28°48'	89°37'	11-9-51	1220-1300	45	H.	64	70	68	40' shrimp trawl
498	28°39.7'	89°49'	11-9-51	1512-1812	50	R.	66	70	66	Handlines
499	28°01.5'	90°57.5'	11-9-51	1730-0730	54	R.	70	76	68	Handlines
500	27°50'	91°11'	11-11-51	1000-1100	205	H.	72	76	50	40' shrimp trawl
501	27°51'	91°32.5'	11-11-51	1330-1425	220	H.	90	76	50	40' shrimp trawl
502	27°50.7'	91°50'	11-11-51	1700-0730	56	R.	75	76	67	Handlines
503	27°48.5'	94°09'	11-18-51	2000-2050	200	H.	50	74	51	40' shrimp trawl
504	28°19'	93°37'	11-19-51	0615-0650	33	H.	55	72	74	40' shrimp trawl
505	28°28'	93°28'	11-19-51	0809-0947	25	H.	56	72	73	40' shrimp trawl
506	28°37'	93°19.5'	11-19-51	0955-1030	20	H.	55	71	72	40' shrimp trawl
507	28°45'	93°13'	11-19-51	1135-1208	15	H.Sh.	53	70	72	40' shrimp trawl
508	29°10'	92°50.5'	11-19-51	1539-1600	10	H.Sh.	50	67	69	40' shrimp trawl
509	29°05'	92°17.5'	11-19-51	1900-1930	10	H.S.	51	62	63	40' shrimp trawl
510	28°50'	92°04'	11-19-51	2120-2152	14	H.	52	67	68	40' shrimp trawl
511	28°37'	91°35'	11-20-51	0055-0130	15	H.	52	69	69	40' shrimp trawl
512	29°59'	39°03'	11-20-51	1605-1645	3	S.M.	59	61	61	40' shrimp trawl
513	30°18'	88°34'	11-21-51	0755-0823	5	H.	48	53	53	40' shrimp trawl
514	30°06.5'	88°28'	3-31-52	1616-1647	9	S.Sh.	67	64	65	40' shrimp trawl
515	29°16.6'	87°42'	4-1-52	1125-1225	208	H.S.	70	68	48	100' shrimp trawl
516	29°16.4'	87°39.5'	4-1-52	1315-1415	262	gn.H.	73	68	--	100' shrimp trawl
517	29°14.7'	87°50.7'	4-1-52	1618-1746	200	gy.H.	72	69	50	100' shrimp trawl
518	29°20.2'	88°03'	4-1-52	2000-0400	40	H.Co.	72	69	67	Handlines
519	29°25.6'	88°43.3'	4-7-52	1600-1700	22	H.	64	66	68	100' shrimp trawl
520	28°51.5'	89°30'	4-8-52	1340-1450	27-30	br.H.	63	69	63	100' shrimp trawl
521	28°51.5'	89°30'	4-8-52	1521-1621	27	H.	76	60	68	100' shrimp trawl
522	28°54'	89°29.5'	4-8-52	1635-1750	24-32	gy.H.	76	66	68	100' shrimp trawl
523	28°48.7'	89°40.6'	4-8-52	1935-2005	40	H.	66	67	64	40' shrimp trawl
524	29°01.5'	89°55.6'	4-9-52	0745-0815	14	gy.H.Cl.	70	66	70	100' shrimp trawl
525	29°01.5'	89°55.6'	4-9-52	0845-0945	14	gy.H.Cl.	68	66	67	100' shrimp trawl
526	28°24.6'	92°19.5'	4-19-52	0755-0825	30	H.	68	70	68	40' shrimp trawl
527	28°16'	92°20.3'	4-19-52	0933-1003	35	gy.H.Sh.	67	70	68	40' shrimp trawl
528	28°09.3'	92°21.3'	4-19-52	1150-1220	40	H.Sh.	73	70	68	40' shrimp trawl
529	28°09'	92°21.3'	4-19-52	1310-1340	40	H.Sh.	86	70	68	40' shrimp trawl
530	28°24.5'	92°24.6'	4-19-52	1525-1625	30	H.	65	68	67	100' shrimp trawl
531	28°25.5'	92°33.5'	4-19-52	1610-2010	29	H.	67	68	66	100' shrimp trawl
532	27°34.3'	93°10.2'	4-11-52	1230-1328	220-300	H.S.	76	72	--	40' shrimp trawl
533	27°31.5'	93°06'	4-11-52	1412-1549	300-220	H.S.	73	71	--	100' shrimp trawl
534	27°32'	93°01.6'	4-11-52	1800-1845	400-450	gy.H.	71	70	--	40' shrimp trawl
535	28°55.4'	94°40.4'	4-15-52	1308-1839	10	H.S.Sh.	63	88	67	40' shrimp trawl
536	28°28.8'	94°42.6'	4-15-52	2130-2200	20	gy.H.S.	65	66	66	40' shrimp trawl
537	28°06.2'	94°44.6'	4-15-52	0019-0049	30	H.Sh.	65	67	69	40' shrimp trawl
538	28°02.5'	94°53'	4-16-52	0910-0940	40	H.S.Sh.	68	70	71	40' shrimp trawl
539	27°57.4'	94°51'	4-16-52	1012-1052	50	H.S.Sh.	69	72	69	40' shrimp trawl
540	27°51'	94°50'	4-16-52	1205-1235	100	H.S.Sh.	67	71	63	40' shrimp trawl
541	27°46.7'	94°58.3'	4-16-52	1449-1510	220	gy.H.S.	73	72	--	40' shrimp trawl
542	27°41'	94°59'	4-16-52	1610-1700	250-300	gy.H.	72	74	--	40' shrimp trawl
543	27°38.2'	94°59.4'	4-16-52	1815-1845	350-400	gy.H.	68	71	--	40' shrimp trawl
544	27°34.3'	95°22.8'	4-17-52	0625-0855	400-450	--	67	73	--	40' shrimp trawl
545	27°36.5'	95°43.1'	4-17-52	1200-1245	200-300	--	71	69	--	40' shrimp trawl
546	27°26.7'	95°51.8'	4-17-52	1430-1555	240-260	gy.H.	70	70	--	40' shrimp trawl
547	27°26'	96°02.3'	4-17-52	1725-1810	200-250	--	67	72	52	40' shrimp trawl
548	27°01.4'	96°16.8'	4-18-52	0852-0922	200-280	gy.H.	70	71	--	40' shrimp trawl
549	26°58.5'	96°06.7'	4-18-52	1103-1210	300-400	gy.H.Sh.	74	72	--	40' shrimp trawl
550	26°55'	96°25.5'	4-18-52	1535-1600	125	gy.H.Sh.	72	70	66	40' shrimp trawl

Station Number	Locality		Date	Time	Depth in fathoms	Type of bottom	Temperatures °F.			Type of gear used
	N. lat.	W. long.					Air	Sur.	Bot.	
551	26°51.6'	96°16.5'	4-18-52	1930-1910	39	gy.M.	70	70	70	40' shrimp trawl
552	26°54.5'	96°53.4'	4-18-52	2010-2055	30	gy.M.	70	70	71	40' shrimp trawl
553	26°54.6'	97°03.4'	4-18-52	2145-2215	20	gy.M.	70	69	71	40' shrimp trawl
554	27°03.5'	96°56.2'	4-18-52	2305-0005	25	gy.M.	68	68	72	40' shrimp trawl
555	27°12.2'	96°52.2'	4-19-52	0125-0157	26	gy.M.	68	68	68	40' shrimp trawl
556	27°20.4'	96°40.2'	4-19-52	0100-1600	35	H.R.Co.	--	68	67	Handlines
557	27°50.4'	82°55'	5-22-52	1200-1730	25	Co.S.	78	81	71	Tuna purse seine
558	27°52.6'	82°32.2'	5-24-52	0730-1130	17	--	82	83	--	Tuna purse seine
559	27°40'	82°51.2'	5-27-52	0700-0930	20	Co.H.	80	83	--	Tuna purse seine
560	27°40'	82°51.2'	5-27-52	1930-2230	20	Co.H.	78	82	--	74' shrimp trawl
561	27°46.5'	82°55.7'	5-27-52	2230-0130	22	Co.H.	78	81	--	74' shrimp trawl
562	27°45.5'	82°30'	5-28-52	2110-2310	15	Co.H.	76	81	--	74' shrimp trawl
563	27°46'	82°31'	5-28-52	2325-0125	16	Co.H.	76	81	--	74' shrimp trawl
564	27°45.5'	82°30'	5-29-52	1700-1715	15	Co.H.	78	81	--	74' shrimp trawl
565	27°45.5'	82°30'	5-29-52	1750-1820	15	Co.H.	78	81	--	40' shrimp trawl
566	27°45.5'	82°30'	5-29-52	1850-2150	15	H.Co.	77	82	--	40' shrimp trawl
567	27°52'	82°32'	5-29-52	2226-0315	17	Co.H.Sp.	78	82	--	40' shrimp trawl
568	27°39.2'	82°28'	5-30-52	2150-0050	15	Co.H.	78	81	--	40' shrimp trawl
569	27°56.5'	82°23'	5-31-52	0130-0330	17	Co.H.	77	81	--	40' shrimp trawl
570	27°50'	82°31'	5-31-52	0415-0615	16	Co.H.	82	81	--	Handlines
571	27°50.5'	82°30'	6-1-52	2400-0315	17	Co.H.	78	81	--	40' shrimp trawl
572	27°46'	82°29'	6-1-52	0445-0645	15	Co.H.	79	82	--	Handlines & poles
573	27°55'	82°28'	6-6-52	0000-0300	16	Co.H.	77	80	--	40' shrimp trawl
574	27°55'	82°28'	6-6-52	0400-0700	15.5	Co.H.	76	80	--	Handlines
575	27°52.9'	82°31'	6-6-52	1000-2200	16	Co.H.	78	80	--	40' shrimp trawl
576	27°46.5'	82°34'	6-6-52	2215-0115	15	Co.H.	78	80	--	40' shrimp trawl
577	27°46'	82°32'	6-7-52	0600-0900	15	Co.H.	74	80	--	Handlines
578	27°46'	82°32'	6-7-52	2100-0400	15	Co.H.	70	79	--	40' shrimp trawl
579	27°47'	82°43'	6-8-52	0015-0300	18	Co.H.	70	79	--	40' shrimp trawl
580	27°47'	82°42'	6-8-52	0300-0630	18	Co.H.	78	79	--	Handlines
581	27°42.5'	82°40'	6-9-52	0930-1130	15	Co.H.	80	81	--	40' shrimp trawl
582	27°17'	82°34.4'	6-12-52	0700-0830	180-280	--	80	82	--	Trolling lines
583	27°50'	82°53.6'	6-13-52	0845-0930	25	Co.H.	81	84	--	48' midwater trawl
584	27°50'	82°53.6'	6-13-52	1200-1300	25	Co.H.	82	84	--	48' midwater trawl
585	27°45.6'	82°45'	6-13-52	1535-1605	17.5	Co.H.	--	84	--	48' midwater trawl
586	27°46'	82°55.7'	6-16-52	1900-2000	20-21	Co.H.	--	83	--	36' midwater trawl
587	27°46'	82°55.7'	6-16-52	2040-2140	21	--	--	--	--	36' midwater trawl
588	27°45'	82°45.5'	6-16-52	2253-2353	17	Co.H.	81	83	--	36' midwater trawl
589	27°44.4'	82°45'	6-17-52	0030-0100	16.5	Co.H.	--	83	--	36' midwater trawl
590	27°40.2'	86°36.6'	6-19-52	1530-1630	206	--	83	84	--	40' shrimp trawl
591	27°24'	87°09'	6-20-52	1300-1330	40	R.	83	84	--	Handlines
592	27°39.8'	88°01'	6-21-52	0500-0930	45	R.	82	83	--	Handlines
592-A	27°39.5'	88°00'	6-21-52	1400-2200	45	R.	82	84	--	Handlines
593	28°19'	86°55'	6-23-52	1900-2400	750	--	82	85	--	Dipnets and handlines
594	27°14'	86°19.5'	6-24-52	1600-2400	46	--	82	87	--	Handlines
595	30°04.4'	86°31'	7-9-52	1605-1705	10-12	H.S.Sh.	84	87	72	100' shrimp trawl
596	29°54.5'	88°28.6'	7-9-52	1915-2115	15	H.S.	80	85	71	100' shrimp trawl
597	29°13'	87°59'	7-10-52	1345-1445	230	--	83	86	--	100' shrimp trawl
598	29°21.2'	87°47.5'	7-10-52	1900-0720	52	R.	80	85	82	Handlines
599	29°21.7'	87°29.8'	7-11-52	1020-1120	200	bu.gy.M.	84	86	51	100' shrimp trawl
600	29°20.6'	86°40'	7-11-52	1700-1730	150	--	85	87	53	100' shrimp trawl
601	29°31'	86°26.8'	7-12-52	0710-0740	100	gy.M.	85	85	57	40' shrimp trawl
602	29°31.5'	86°21.4'	7-12-52	0900-0930	80	H.S.	84	85	80	40' shrimp trawl
603	29°33.5'	86°13.2'	7-12-52	1057-1127	60	H.S.	83	86	62	40' shrimp trawl
604	29°30.9'	86°10.6'	7-12-52	1245-1315	55	--	83	86	63	40' shrimp trawl
605	29°31.2'	86°04.4'	7-12-52	1418-1448	42	--	84	86	63	40' shrimp trawl
606	29°04.5'	83°09.5'	7-14-52	1700-1900	4	gy.S.Sh.	86	86	86	Handlines
607	29°29'	83°33.5'	7-14-52	2050-2105	4.5	R.	82	86	86	40' shrimp trawl
608	29°30'	83°35'	7-14-52	2118-2138	4.5	R.	82	86	86	40' shrimp trawl
609	29°26'	88°37'	8-5-52	0430-0755	26	H.	82	84	--	100' shrimp trawl
610	29°26'	88°41'	8-5-52	1400-1600	20	H.	87	84	--	100' shrimp trawl
611	30°07'	68°31'	8-6-52	1615-1715	8	H.	--	86	83	100' shrimp trawl
612	28°43'	87°00'	8-7-52	1500-1730	425	--	--	83	--	Trolling
613	28°55.3'	87°51.5'	8-9-52	0600-1800	925	--	--	84	--	Trolling
614	29°10'	86°52'	8-10-52	1345-1645	36	H.	82	81	64	100' shrimp trawl
615	29°15.5'	86°55.8'	8-10-52	1830-2200	18	--	--	82	69	100' shrimp trawl
616	29°15.5'	88°55.8'	8-11-52	2225-0125	18	--	--	81	70	100' shrimp trawl
617	29°19.4'	88°52.4'	8-11-52	0215-0515	18	--	--	81	70	100' shrimp trawl

Station Number	Locality		Date	Time	Depth in fathoms	Type of bottom	Temperatures °F.			Type of gear used
	N. lat.	W. long.					Air	Sur.	Bot.	
618	29°36.5'	87°18'	8-18-52	2200-0100	120	R.	--	84	--	Electric & mech. reels
619	29°05.5'	87°55'	8-19-52	1530-1830	600	--	--	86	--	Trolling
620	29°05.5'	87°55'	8-19-52	1900-2115	600	--	84	84	--	Longline
621	29°05.5'	87°51.5'	8-20-52	1630-1900	650	--	--	85	--	Tuna Purse seine
622	30°17'	88°51.6'	8-23-52	0915-0945	2.5	--	--	84	--	65' mid-water trawl
623	30°15'	88°36.5'	8-25-52	1200-1230	2.5	--	--	83	--	30' mid-water trawl
624	30°17'	88°40.8'	8-25-52	1320-1340	2.5	--	--	83	--	36' mid-water trawl
625	30°17'	88°39.7'	8-25-52	1410-1440	2.5	--	--	83	--	30' mid-water trawl
626	30°15'	88°36.5'	8-25-52	1530-1550	2.5	--	--	82	--	65' mid-water trawl
627	30°16.3'	88°29'	8-27-52	0840-0900	2.5	M.	79	79	--	65' mid-water trawl
628	30°15'	88°25'	8-27-52	0947-1007	3	M.	77	80	--	52' mid-water trawl
629	30°14.5'	88°25'	8-27-52	1100-1120	3	--	78	80	--	52' mid-water trawl
630	30°13.8'	88°21.6'	8-27-52	1245-1315	2.5	--	78	80	--	52' mid-water trawl
631	30°13.8'	88°21.6'	8-27-52	1423-1453	2.5	--	78	80	--	52' mid-water trawl
632	30°11.5'	88°35'	8-28-52	0855-0907	6.5	--	79	79	--	52' mid-water trawl
633	29°50.7'	88°23'	8-28-52	1207-1257	18	--	--	80	--	52' mid-water trawl
634	29°33.4'	87°58.3'	9-17-52	1030-1100	21	gy.5.	80	82	80	40' shrimp trawl
635	29°12.2'	87°49'	9-18-52	0840-0900	370-450	stk.H.	80	82	--	40' shrimp trawl
636	29°13.5'	87°59'	9-18-52	1230-1245	200	--	75	82	--	40' shrimp trawl
637	29°12'	88°05'	9-18-52	1516-1615	195	--	75	81	--	100' shrimp trawl
638	29°14'	88°19'	9-18-52	1930-0800	48	M.	81	82	67	Dip net
639	29°12.4'	88°20.6'	9-19-52	1105-1305	200	--	77	82	--	100' shrimp trawl
640	29°01'	88°24'	9-19-52	1445-1545	355-475	--	80	82	--	40' shrimp trawl
641	29°12'	88°34.5'	9-19-52	2000-0400	32	R.	78	82	73	Handlines
642	29°37.4'	88°55'	9-20-52	1900-2000	5	M.	--	82	--	Bait observation
643	29°37.4'	88°55'	9-21-52	0800-1330	5	M.	83	--	--	Trolling
644	23°30'	88°36'	10-3-52	1800-2100	30	Sp.Co.	78	84	76	Handlines
645	22°37'	89°04.2'	10-4-52	1700-2000	34	Co.H.	81	85	79	Handlines
646	22°27'	89°05.9'	10-5-52	1802-1832	37	Co.H.	80	85	76	40' shrimp trawl
647	20°29'	91°37'	10-6-52	1330-1400	18	wh.H.5.	87	86	83	40' shrimp trawl
648	20°23'	91°40'	10-6-52	1830-1900	18	S.gy.H.	81	85	83	40' shrimp trawl
649	20°23'	91°53'	10-6-52	1920-2120	18	gy.H.	81	85	81	100' shrimp trawl
650	20°19'	91°55'	10-7-52	0015-0122	22	M.Sp.	82	82	81	100' shrimp trawl
651	20°12'	91°53'	10-7-52	0130-0330	22	M.5.	82	82	81	100' shrimp trawl
652	22°55'	97°36'	10-11-52	2140-2210	23	bk.H.Co.	74	80	81	40' shrimp trawl
653	23°21.5'	97°29.5'	10-12-52	1740-1750	30	bu.H.Sh.	75	81	75	40' shrimp trawl
654	23°26.5'	97°34'	10-12-52	1900-1930	26-30	bu.H.	74	81	76	40' shrimp trawl
655	23°38'	97°33'	10-12-52	2045-2115	27	H.Sh.	72	80	76	40' shrimp trawl
656	23°35'	97°28'	10-12-52	2355-0025	35	bu.H.	72	80	73	40' shrimp trawl
657	23°42'	97°34'	10-12-52	2350-0020	20	bu.H.	72	80	79	40' shrimp trawl
658	23°49'	97°32'	10-13-52	0045-0345	20-27	bk.H.	72	80	79	100' shrimp trawl
659	23°56'	97°33'	10-13-52	0420-0720	22-27	bk.H.	71	80	78	100' shrimp trawl
660	24°01'	97°27.5'	10-13-52	0900-0930	30	M.	82	80	76	40' shrimp trawl
661	24°09'	97°22'	10-13-52	1020-1050	35	bu.bk.H.	82	81	73	40' shrimp trawl
662	24°12'	97°17'	10-13-52	1230-1300	40	bu.bk.H.	81	81	73	40' shrimp trawl
663	24°17'	97°15'	10-13-52	1830-2030	40	bk.H.	76	80	73	100' shrimp trawl
664	24°16'	97°26'	10-13-52	2220-0050	20-25	M.	76	80	81	100' shrimp trawl
665	24°22'	97°29'	10-14-52	0100-0400	18-20	bk.H.	75	79	80	100' shrimp trawl
666	24°28'	97°27'	10-14-52	0415-0715	18	bu.bk.H.	75	80	81	100' shrimp trawl
667	24°57'	97°09'	10-14-52	1025-1125	30-35	gy.H.	79	79	79	40' shrimp trawl
668	24°57'	96°58'	10-14-52	1200-1230	40	gy.H.	79	81	66	40' shrimp trawl
669	25°06'	96°53'	10-14-52	1830-1930	33-36	H.	76	78	72	40' shrimp trawl
670	25°12'	96°48.5'	10-14-52	2025-2300	39-52	H.	75	78	65	40' shrimp trawl
671	25°23'	96°43'	10-15-52	0020-0220	43	H.	76	76	77	80' shrimp trawl
672	25°29'	96°45'	10-15-52	0240-0540	37	H.	74	77	81	80' shrimp trawl
673	25°35'	96°47'	10-15-52	0600-0625	31	H.	75	77	81	80' shrimp trawl
674	25°32'	96°49'	10-15-52	0705-0835	31-29	M.	75	76	81	40' shrimp trawl
675	30°08'	88°32'	11-6-52	1530-1630	7	S.H.	63	68	69	40' shrimp trawl
676	30°04.6'	88°32.6'	11-6-52	1655-1735	10	H.5.	67	70	71	40' shrimp trawl
677	30°00.3'	88°28.8'	11-6-52	1820-1850	15	H.5.	62	72	71	40' shrimp trawl
678	28°57.6'	89°12'	11-7-52	1435-1505	14	M.	74	70	71	40' shrimp trawl
679	28°57.6'	89°12'	11-7-52	1515-1545	14	sft.H.	74	70	71	40' shrimp trawl
680	28°58.5'	89°15'	11-7-52	1640-1710	14	H.	76	70	71	40' shrimp trawl
681	28°52.6'	89°31'	11-7-52	1845-1945	30	M.	76	70	68	100' shrimp trawl
682	28°56'	89°27.6'	11-8-52	0710-0910	17	H.	68	70	74	100' shrimp trawl
683	29°03'	89°28'	11-8-52	1000-1200	5	M.	71	68	70	100' shrimp trawl
684	28°27.7'	89°22'	11-8-52	1445-1545	50	H.	71	74	64	100' shrimp trawl
685	28°51.2'	89°18.8'	11-8-52	1627-1727	40	H.	72	74	67	100' shrimp trawl
686	29°05'	88°43'	11-9-52	0700-1700	48	M.S.R.	76	74	66	Handlines, Reels

Station Number	Locality		Date	Time	Depth in fathoms	Type of bottom	Temperatures °F.			Type of gear used
	N. lat.	W. long.					Air	Sur.	Bot.	
687	29°06.5'	88°48.5'	11-9-52	1612-1732	50	M.	76	72	67	40' shrimp trawl
688	29°07.3'	88°53'	11-9-52	1750-1820	40	H.wh.G.	76	68	68	40' shrimp trawl
689	29°11'	88°53.6'	11-9-52	1900-1930	30	M.	75	70	70	40' shrimp trawl
690	29°13'	88°55'	11-9-52	1958-2028	25	sft.M.	75	67	70	40' shrimp trawl
691	29°19'	88°50.5'	11-9-52	2145-2215	24	M.	72	72	72	40' shrimp trawl
692	30°09.5'	88°29'	11-13-52	1755-1825	7	S.	61	65	55	40' shrimp trawl
693	30°05'	88°23.5'	11-13-52	1922-1955	10	S.	62	69	68	40' shrimp trawl
694	29°24.3'	86°02.4'	11-14-52	0645-1045	48	M.S.Co.	72	74	69	Handlines
695	29°45'	87°12'	11-14-52	1545-1615	100	G.M.	70	72	--	40' shrimp trawl
696	29°44.2'	87°08'	11-14-52	1718-1748	120	bu.M.	80	72	--	40' shrimp trawl
697	30°04.3'	86°57.5'	11-14-52	2130-2200	50	M.	68	71	63	40' shrimp trawl
698	30°03.6'	86°55.6'	11-15-52	1510-1540	55	gy.H.	72	72	63	40' shrimp trawl
699	30°05'	86°51.5'	11-15-52	1645-1715	52	M.	78	72	64	40' shrimp trawl
700	30°07.4'	86°50'	11-15-52	1807-1837	40	M.	69	72	65	40' shrimp trawl
701	30°02'	86°45'	11-15-52	1930-2000	56	M.	69	72	62	40' shrimp trawl
702	30°02'	86°45'	11-15-52	2050-2120	56	M.	69	72	62	110' shrimp trawl
703	30°00'	86°45.5'	11-15-52	2204-2209	60	M.	68	72	63	40' shrimp trawl
704	29°22.4'	85°21'	11-16-52	0915-0945	15	S.G.	68	71	72	40' shrimp trawl
705	29°34'	85°51'	11-16-52	1330-1400	20	S.Sh.G.	69	70	72	40' shrimp trawl
706	29°37.3'	86°03'	11-16-52	1505-1535	30	wh.S.	72	72	70	40' shrimp trawl
707	29°40.7'	86°16.6'	11-16-52	1627-1657	40	S.G.	80	72	70	40' shrimp trawl
708	29°46'	86°52.8'	11-16-52	1857-1927	70	H.S.	68	73	60	40' shrimp trawl
709	28°44.6'	89°00'	12-2-52	2345-0045	300-360	--	62	72	--	40' shrimp trawl
710	20°18'	91°48'	12-7-52	1820-2050	20	gy.M.S.	70	78	78	110' shrimp trawl
711	20°21'	91°45'	12-7-52	2110-2310	20	gy.M.	72	78	78	110' shrimp trawl
712	20°21'	91°45'	12-8-52	0010-0240	20	gy.M.	72	78	77	110' shrimp trawl
713	20°05.6'	91°13'	12-8-52	1810-2040	12	G.	75	77	77	100' shrimp trawl
714	20°05.6'	91°13'	12-8-52	2055-2325	12	H.wh.S.	71	77	77	100' shrimp trawl
715	20°05.6'	91°13'	12-8-52	2340-0210	12	H.wh.S.	71	77	76	100' shrimp trawl
716	20°05.6'	91°13'	12-9-52	0240-0510	12	gy.S.	72	77	77	100' shrimp trawl
717	20°05.6'	91°14'	12-9-52	1745-2015	12	wh.S.G.	77	77	77	100' shrimp trawl
718	20°05.6'	91°14'	12-9-52	2030-2300	12	wh.S.G.	74	77	77	100' shrimp trawl
719	19°54.1'	91°43'	12-10-52	0315-0345	23	gy.S.	72	77	75	40' shrimp trawl
720	20°12'	91°40'	12-11-52	1855-1955	20	G.M.	70	77	77	40' shrimp trawl
721	20°20'	91°28'	12-11-52	2120-2220	17	gy.S.	72	76	77	40' shrimp trawl
722	20°34'	91°36'	12-12-52	0010-0110	20	gy.H.	68	77	77	40' shrimp trawl
723	20°48.2'	91°45.7'	12-12-52	0305-0405	25	gy.H.	68	76	76	40' shrimp trawl
724	22°16'	89°03'	12-13-52	0005-0105	26	M.	69	76	76	40' shrimp trawl
725	22°15'	88°55'	12-13-52	0148-0248	25	S.	69	76	76	40' shrimp trawl
726	22°41.9'	86°41.2'	12-13-52	1725-1755	225	wh.S.Co.	70	76	48	40' shrimp trawl
727	28°44'	85°01'	12-16-52	1352-1422	30	wh.S.G.	51	70	69	40' shrimp trawl
728	28°44'	85°01'	12-16-52	1550-1620	25	wh.S.G.	55	68	68	40' shrimp trawl
729	29°00'	85°01'	12-16-52	1614-1644	20	S.Sh.	53	67	68	40' shrimp trawl
730	29°10'	85°01'	12-16-52	1853-1923	16	gy.S.M.	50	67	66	40' shrimp trawl
731	28°56.5'	85°18'	12-16-52	2135-2205	40	S.G.Sh.	51	71	66	40' shrimp trawl
732	28°50.3'	85°28'	12-17-52	0752-0822	57	G.S.Sh.	57	70	63	40' shrimp trawl
733	28°50.2'	85°43'	12-17-52	0955-1025	88	wh.M.S.	59	71	59	40' shrimp trawl
734	29°15'	86°38.9'	12-17-52	1630-1730	215	--	62	69	52	40' shrimp trawl
735	30°11'	87°11'	4-12-53	1300-1800	10	S.	69	70	69	Trolling lines
736	30°21'	86°32'	4-12-53	1900-0100	10	S.	68	70	69	Bait observation
737	30°12'	86°06'	4-13-53	1330-1700	10-15	--	64	70	--	Trolling lines
738	30°09'	85°40'	4-14-53	1230-1300	3-0	--	75	71	--	Beach seine
739	30°07.5'	85°41.5'	4-14-52	2000-0300	4	S.Sh.	60	69	--	Lift net
740	30°07.5'	85°41.5'	4-14-53	2330-0030	1,5	S.	60	69	--	Bait observation
741	30°05'	85°38.5'	4-16-53	0800-1800	0-6	S.	62	68	--	Bait observation
742	30°05'	85°38.5'	4-16-53	1730-2400	6	S.	56	68	--	Dip net
743	28°30'	84°30'	4-18-53	1000-1500	30	S.Sh.	57	71	--	Trolling lines
744	27°46.5'	82°35.5'	4-21-53	1130-1330	5	S.M.	70	72	--	Lampara
745	27°46.5'	82°35.5'	4-21-53	1900-0400	5	S.	57	72	--	Dip net
746	27°46.5'	82°35.5'	4-22-53	1130-1215	3	S.	76	70	--	Lampara
747	27°39'	82°37.5'	4-22-53	1230-1305	3	--	72	72	--	Dip net
748	27°38'	82°37'	4-22-53	1330-1430	4	S.	73	72	--	Lampara
749	27°38'	82°37'	4-22-53	1500-1545	4	S.	73	73	--	Lampara
750	27°38'	82°37'	4-22-53	1600-1630	4	S.R.	73	73	--	Lampara
751	27°34.2'	82°42.2'	4-23-53	1315-1430	4	S.	71	73	--	Lampara
752	27°34'	82°42'	4-23-53	1645-1715	3	S.	73	73	--	Bait observation
753	27°34.2'	82°42.2'	4-23-53	1740-1900	4	S.	73	73	--	Lampara
754	27°34.2'	82°42.2'	4-23-53	1805-1940	4	S.	73	73	--	Lampara
755	27°34.2'	82°42.2'	4-23-53	2000-0400	4	S.	73	73	--	Lift net

Station Number	Locality		Date	Time	Depth in fathoms	Type of bottom	Temperatures °F.			Type of gear used
	N. lat.	E. long.					Air	Sur.	Bot.	
753	26°55'	82°31'	4-24-53	1200-1700	5-6	S.Co.	87	74	--	Trolling lines
757	26°13'	82°15'	4-24-53	1800-2100	5	H.S.	65	74	--	Handlines
753	23°11'	82°11'	4-26-53	1200-1400	500	--	80	80	--	Trolling lines
759	23°22'	82°12'	4-26-53	1400-1430	875	--	78	80	--	Jack poles
760	23°35'	82°35'	4-26-53	1430-1630	900	--	80	80	--	Trolling lines
761	24°38'	82°35'	4-27-53	1200-1500	13	--	78	79	--	Trolling lines
762	24°34'	81°47'	4-28-53	0600-1800	0-3	H.S.	76	79	--	Bait observation
763	24°47.5'	81°29.7'	5-2-53	1533-1830	3.5	R.S.	86	82	--	Bait observation
764	24°43.5'	81°35'	5-3-53	2000-3600	3.5	S.	86	82	--	Lift net
765	24°47.5'	81°29.7'	5-3-53	0800-1200	0-2	S.R.	81	82	--	Bait observation
766	24°48.5'	81°35'	5-3-53	1400-1700	3.5	S.	81	82	--	Lift net
767	24°47.5'	81°29.7'	5-3-53	1400-1700	0-1	S.R.	81	82	--	Beach seine
768	24°33.7'	81°48.4'	5-5-53	0900-1100	5	H.	82	81	--	Lift net
769	24°33.7'	81°48.4'	5-5-53	1900-2100	5	Co.H.	82	81	--	Lift net
770	24°40'	82°42'	5-6-53	1330-1530	13-25	H.	84	80	--	Trolling lines
771	24°39.7'	82°56'	5-6-53	1900-0600	8	S.	82	78	--	Lift net
772	24°49'	81°35'	5-7-53	1400-1430	5	S.	76	78	--	Lampara
773	24°47.4'	82°29.8'	5-7-53	1800-1930	0-1	S.	76	78	--	Beach seine
774	24°47.7'	81°30'	5-7-53	2030-0230	3	S.	76	78	--	Lift net
775	24°38'	82°27'	5-8-53	2000-2200	4	S.R.	78	80	--	Dip net
776	23°39'	82°25'	5-9-53	1010-1030	800	--	82	82	--	Jack poles
777	23°28'	82°20'	5-9-53	1201-1250	800	--	82	82	--	Jack poles
778	23°26'	82°15'	5-9-53	1330-1345	800	--	82	82	--	Jack poles
779	23°23'	82°09'	5-9-53	1430-1630	800	--	81	82	--	Jack poles
780	23°30'	82°26'	5-9-53	1800-2000	900	--	80	82	--	Dip nets
781	24°12'	82°24'	5-10-53	1625-1635	350	--	77	82	--	Jack poles
782	24°31.5'	82°09'	5-10-53	2100-0400	5	Co.H.	76	81	--	Lift net
783	24°49'	81°29.6'	5-11-53	1900-2100	3.5	Co.H.	76	81	--	Lift net
784	24°49'	81°29.6'	5-12-53	0800-1230	3.5	Co.H.	79	81	--	Lift net
785	24°38'	82°56.3'	5-13-53	200-2200	3.5	S.H.	83	82	--	Lift net
786	21°45'	84°10'	5-15-53	2000-0400	--	--	79	81	--	Dip net
787	21°44.5'	83°12.7'	5-16-53	1430-1600	5	--	84	81	--	Dip net
788	22°01'	85°02'	5-18-53	0815-0930	12	--	81	82	--	Handlines
789	24°50'	82°22'	5-27-53	0930-0345	3.5	S.	80	81	--	Lift net
790	24°50'	82°22'	5-27-53	1900-0400	3.5	S.	79	82	--	Lift net
791	24°37.3'	82°52.7'	6-3-53	2000-2200	4.5	H.	76	79	--	Dip net
792	29°26'	87°32'	6-3-53	1830-2130	56-57	--	81	81	--	Handlines
793	29°26'	87°33'	6-9-53	1830-2130	50	--	81	81	--	Handlines
794	29°32'	87°33.6'	6-11-53	1600-2000	37	--	82	82	--	Handlines
795	29°15'	87°49'	6-12-53	1200-1235	230-330	--	80	82	--	40' shrimp trawl
796	29°10'	87°55'	6-12-53	1320-1520	490-600	--	81	82	--	40' shrimp trawl
797	29°14'	88°19'	6-12-53	2000-2100	37	--	83	82	--	Handlines
798	30°01'	88°49.3'	6-17-53	2100-0200	3	S.H.	81	84	--	Lift net
799	29°43.7'	88°51.5'	6-18-53	2000-2030	3	S.H.	81	84	--	Lift net
800	29°06.5'	88°37'	6-19-53	0630-0650	100	--	81	81	--	Jack poles
801	30°13'	88°30'	6-19-53	2000-0400	5	H.S.	81	83	--	Lift net
802	30°03'	88°55'	7-14-53	0000-1815	3.5	--	77	81	--	Lift net
803	30°13'	88°30'	7-15-53	1300-1500	2.5	--	79	82	--	Bait observation
804	30°13'	88°30'	7-15-53	2000-2300	3.5	S.H.	78	81	--	Lift net
805	30°13'	88°30'	7-17-53	0310-0420	3.5	S.H.	78	81	--	Lift net
806	29°28'	87°30'	7-17-53	2000-0440	35	R.	80	83	--	Handlines
807	29°07'	87°51'	7-19-53	1900-0530	640	--	85	85	--	Handlines
808	28°42.5'	89°49'	7-19-53	2005-0400	50	H.	80	85	--	Dip net
809	29°14'	88°32.5'	7-20-53	1850-0600	42	--	83	86	--	Dip net
810	30°13'	88°30'	7-20-53	2000-2130	2.5	--	--	82	--	Lift net
811	30°13'	88°30'	7-20-53	0400-2050	2.5	--	--	83	--	Lift net
812	30°13'	88°30'	7-31-53	1800-2200	2.5	--	--	83	--	Lift net
813	29°28'	87°30'	8-1-53	1800-0400	38	--	--	85	--	Handlines
814	29°04'	88°11'	8-2-53	1800-0550	550	--	--	85	--	Dip net
815	29°09'	88°55'	8-3-53	1830-0500	310	--	--	85	--	Dip net
816	29°04'	88°11'	8-4-53	1800-0500	450	--	--	85	--	Dip net
817	29°12'	88°34'	8-5-53	2220-0400	32	--	--	85	--	Handlines
818	30°13'	88°30'	8-10-53	2000-0400	6.5	S.H.	83	85	--	Lift net
819	28°58'	88°20'	8-11-53	1830-0400	500	--	83	86	--	Dip net
820	28°42'	88°48'	8-12-53	1830-0400	650	--	80	85	--	Dip net
821	29°10'	88°18'	8-13-53	1400-2350	49	--	--	89	--	Handlines
822	30°13'	88°30'	8-25-53	1930-2122	5	H.S.	--	--	--	Lift net
823	29°41.5'	88°51.5'	8-27-53	1550-2035	4	H.S.	--	--	--	Lift net
824	28°53'	88°37'	8-28-53	0740-1210	360	gy.H.	81	--	--	Jack poles & lift net

Station Number	Locality		Date	Time	Depth in fathoms	Type of bottom	Temperatures °F.			Type of gear used
	N. lat.	E. long.					Air	Sur.	Bot.	
825	29°03'	89°00'	8-28-53	1800-0600	6	M.	--	--	--	Lift net
826	30°01.8'	88°00.8'	8-30-53	1210-0830	4	M.S.	--	--	--	Lift net
827	30°13'	88°30'	9-1-53	1930-2200	4	--	82	83	--	Lift net
828	29°03'	88°54'	9-2-53	0500-1125	300	--	--	84	--	Handlines
829	29°52'	88°45'	9-2-53	1900-0300	350	--	80	84	--	Lift net
830	28°50'	88°50'	9-3-53	0500-1500	200	--	--	84	--	Jack poles & handlines
831	28°50'	88°50'	9-3-53	1750-2115	360	--	82	85	--	Dip net
832	30°13'	88°29.5'	9-15-53	1800-0600	3	S.	77	77	--	Lift net
833	30°14'	88°08'	9-16-53	2100-2300	4	gy.M.	76	73	--	Lift net
834	30°02'	88°54'	9-17-53	2100-0130	4	M.	75	75	--	Lift net
835	30°13'	88°30'	9-29-53	1900-1945	3	M.S.	77	79	--	Lift net
836	30°06.5'	88°32'	9-29-53	2015-2045	8	--	77	78	--	Lift net
837	28°50'	88°20'	9-30-53	1800-0500	515	--	--	80	--	Dip net
838	29°40'	87°17'	10-1-53	1700-1720	100-120	--	77	80	--	Jack poles
839	29°51'	85°27'	10-2-53	1800-1840	5.5	S.M.	78	79	--	Lift net
840	30°08'	88°20'	10-5-53	1900-2310	9	--	77	80	--	Lift net
841	28°50'	88°00'	10-6-53	0630-1045	830-930	--	85	79	--	40' shrimp trawl
842	30°05'	88°40'	10-22-53	1500-1530	9-10	bu.M.S.	83	78	67	40' shrimp trawl
843	29°22'	88°40'	10-22-53	2030-2100	28	M.	74	76	81	40' shrimp trawl
844	29°18'	88°45'	10-23-53	0915-0945	33	M.	75	78	82	40' shrimp trawl
845	28°55'	89°15'	10-23-53	1442-1573	33	M.	76	78	80	40' shrimp trawl
846	28°38'	89°33'	10-23-53	1800-2300	35	S.	75	81	79	Lift net & handlines
847	28°44'	89°33'	10-24-53	0955-1035	53	bu.M.	74	79	61	40' shrimp trawl
848	28°53'	89°33'	10-24-53	1310-1340	36	bu.M.	74	78	80	40' shrimp trawl
849	29°03'	89°36'	10-24-53	1535-1605	10	bu.M.	75	78	80	40' shrimp trawl
850	28°56'	89°09'	10-25-53	1350-1405	32	bu.M.	77	80	68	40' shrimp trawl
851	28°56'	89°09'	10-25-53	1450-1520	32	bu.M.	79	80	--	40' shrimp trawl
852	28°51'	88°37'	10-25-53	2020-0400	380	--	74	--	--	Dip net
853	29°11'	88°55'	10-26-53	0845-0900	20	bu.M.	76	78	78	40' shrimp trawl
854	30°08'	88°25'	10-28-53	1200-1230	9	M.S.	70	76	76	40' shrimp trawl
855	30°10'	88°10'	10-28-53	1335-1405	10	S.	70	76	76	40' shrimp trawl
856	30°10'	87°37'	10-29-53	1005-1020	8	S.	65	74	74	40' shrimp trawl
857	30°10'	87°37'	10-29-53	1045-1100	12	S.Sh.	63	72	75	40' shrimp trawl
858	30°05'	86°55'	10-29-53	1430-1500	52	bu.M.	62	72	59	40' shrimp trawl
859	29°22'	85°30'	10-30-53	1236-1253	15	G.S.Sh.	--	75	60	40' shrimp trawl
860	29°22'	85°30'	10-30-53	1334-1349	16	G.S.Sh.	62	75	65	40' shrimp trawl
861	29°22'	85°28'	10-30-53	1433-1447	15	G.S.Sh.	63	76	75	40' shrimp trawl
862	29°30'	85°22'	10-30-53	1555-1610	10	Sh.	64	72	72	40' shrimp trawl
863	29°35'	85°13'	10-31-53	0900-0915	6	G.M.S.	66	72	72	40' shrimp trawl
864	29°19'	86°04'	10-31-53	1530-1610	82	G.M.Sh.	69	75	55	40' shrimp trawl
865	29°30'	87°30'	11-1-53	0000-0900	40	--	70	71	--	Dip net
866	29°21'	88°22'	11-1-53	1500-1524	33	gy.M.	76	77	72	40' shrimp trawl
867	29°13'	88°34'	11-1-53	1900-0500	32	R.	--	77	72	Handlines
868	30°00'	88°23'	12-7-53	1800-0500	9	S.	56	62	64	Lift net
869	30°00'	88°00'	12-8-53	0900-0915	11	S.	66	64	66	40' shrimp trawl
870	29°55'	87°50'	12-8-53	1817-1837	15	S.	68	66	69	40' shrimp trawl
871	30°00'	87°30'	12-8-53	2040-2055	15	S.	69	67	67	40' shrimp trawl
872	30°00'	87°15'	12-8-53	2230-2245	15	S.	68	67	68	40' shrimp trawl
873	30°00'	87°00'	12-9-53	0715-0800	23	S.Sh.	68	69	68	40' shrimp trawl
874	30°00'	87°00'	12-9-53	0828-0913	26	S.G.	68	70	63	40' shrimp trawl
875	30°00'	86°57'	12-9-53	0040-1010	50	gn.M.S.	68	70	59	40' shrimp trawl
876	29°44'	87°47'	2-1-54	1125-1150	21	gy.S.	--	62	65	40' shrimp trawl
877	29°33'	87°47'	2-16-54	1310-1335	24	gy.S.	72	64	65	40' shrimp trawl
878	29°30'	87°46'	2-16-54	1355-1430	30	gy.S.	72	64	67	40' shrimp trawl
879	29°25'	87°45'	2-16-54	1455-1535	30	gy.S.	76	66	65	40' shrimp trawl
880	29°22'	87°44'	2-16-54	1530-1640	30	--	76	66	65	40' shrimp trawl
881	30°10'	87°50'	2-17-54	0735-0815	5.5	--	60	60	62	40' shrimp trawl
882	30°10'	87°50'	2-17-54	0820-0855	5.5	--	60	60	62	40' shrimp trawl
883	29°10'	88°07'	2-18-54	0750-1520	240-290	gy.M.	64	66	56	Longline
884	29°12'	88°05'	2-18-54	0655-1100	32	--	--	66	68	Handlines
885	30°12'	88°38'	3-2-54	1435-1900	7.5	sft.M.	--	--	68	75' shrimp trawl
886	30°12'	88°38'	3-2-54	1910-1940	7.5	--	--	60	59	75' shrimp trawl
887	29°35'	88°33'	3-4-54	1125-1225	19-20	gy.M.	48	64	63	75' shrimp trawl
888	29°35'	88°33'	3-4-54	1835-2100	19	--	49	61	63	80' shrimp trawl
889	29°07'	84°54'	3-7-54	1013-1035	19	Sh.G.	47	56	61	40' shrimp trawl
890	29°07'	84°54'	3-7-54	1040-1100	19	Sh.G.	--	58	61	40' shrimp trawl
891	29°00'	85°02'	3-7-54	1236-1300	21	--	52	60	62	40' shrimp trawl
892	28°55'	85°07'	3-7-54	1352-1415	29	--	50	60	61	40' shrimp trawl
893	28°49'	85°12.5'	3-7-54	1510-1536	48	--	54	63	61	40' shrimp trawl

Station Number	Locality		Date	Time	Depth in fathoms	Type of bottom	Temperatures °F.			Type of gear used
	N. lat.	W. Long.					Air	Surf	Bot.	
894	29°49'	85°02'	3-7-54	1541-1648	48	--	55	68	61	40' shrimp trawl
895	29°47'	85°01'	3-7-54	1800-1845	64	--	54	72	63	40' shrimp trawl
896	28°50'	85°06'	3-7-54	2020-2045	35	--	54	62	62	40' shrimp trawl
897	28°50'	85°00'	3-7-54	2105-2135	28	Sh.	54	65	63	40' shrimp trawl
898	29°12'	84°33'	3-8-54	0140-0217	17	--	60	53	61	40' shrimp trawl
899	29°32'	84°34'	3-8-54	0512-0549	16	--	52	59	60	40' shrimp trawl
900	29°36'	84°31'	3-8-54	0700-0730	9	Sh.	53	58	59	40' shrimp trawl
901	29°38'	84°15'	3-9-54	1300-1310	11	bu.gy.S.	65	60	72	40' shrimp trawl
902	29°28'	84°03'	3-9-54	1535-1557	11-12	Co.Sp.S.	60	60	65	40' shrimp trawl
903	29°25'	84°12'	3-9-54	1700-1715	13	Co.Sp.	58	60	60	40' shrimp trawl
904	29°17'	84°12'	3-9-54	1825-1855	14	Co.Sp.	54	60	61	40' shrimp trawl
905	29°02'	84°18'	3-9-54	2040-2110	15	--	54	62	61	40' shrimp trawl
906	29°05'	84°03'	3-9-54	2330-2355	14	Co.G.	58	60	62	40' shrimp trawl
907	29°04'	83°51'	3-10-54	0122-0142	12	--	58	60	61	40' shrimp trawl
908	29°06'	83°50'	3-10-54	0222-0233	12	--	59	60	61	40' shrimp trawl
909	29°06'	83°42'	3-10-54	0330-0351	11	--	59	59	59	40' shrimp trawl
910	29°05'	83°36'	3-10-54	0427-0505	8	--	57	59	60	40' shrimp trawl
911	28°52'	83°42'	3-10-54	0700-0720	13	Sh.Co.	66	60	62	40' shrimp trawl
912	28°42'	83°56'	3-10-54	1100-1130	17	S.Sh.Co.	64	62	63	40' shrimp trawl
913	28°42'	84°00'	3-10-54	1127-1205	17	Co.S.Sh.	64	64	64	40' shrimp trawl
914	28°45'	84°07'	3-10-54	1250-1329	16	Co.Sp.	64	63	64	40' shrimp trawl
915	28°33'	84°34'	3-10-54	1635-1655	28	Sp.Co.	66	64	63	40' shrimp trawl
916	28°23'	84°49'	3-10-54	1900-1930	37	Co.	64	64	64	40' shrimp trawl
917	28°22'	84°53'	3-10-54	2100-2130	48	Co.S.G.	68	64	63	40' shrimp trawl
918	28°20'	84°54'	3-10-54	2300-2345	54	Co.H.	70	68	64	40' shrimp trawl
919	28°15'	84°53'	3-11-54	0020-0120	60	Co.Sp.	68	70	65	40' shrimp trawl
920	28°00'	84°54'	3-11-54	0205-0330	80	Co.H.	68	69	63	40' shrimp trawl
921	28°11'	84°19'	3-11-54	0740-0823	34	Co.S.	67	63	66	40' shrimp trawl
922	28°17'	84°30'	3-11-54	0937-1020	34	Co.H.	66	65	64	40' shrimp trawl
923	28°21'	84°24'	3-11-54	1118-1152	28	Co.H.S.	63	66	64	40' shrimp trawl
924	28°11'	84°03'	3-11-54	1432-1514	21	Co.S.	68	62	63	40' shrimp trawl
925	28°31'	83°51'	3-11-54	1645-1720	18	S.Co.	66	62	63	40' shrimp trawl
926	28°24'	83°46'	3-11-54	1900-1930	17	S.Co.	64	62	62	40' shrimp trawl
927	28°21'	83°38'	3-11-54	2100-2130	15	S.Co.Sp.	62	61	62	40' shrimp trawl
928	28°19'	83°30'	3-11-54	2200-2215	14	S.Co.H.	62	60	63	40' shrimp trawl
929	28°13'	83°21'	3-11-54	2330-2400	12-14	Co.Sp.	62	62	62	40' shrimp trawl
930	28°06'	83°18'	3-12-54	0047-0108	14	S.Co.	60	61	63	40' shrimp trawl
931	27°44'	82°47'	3-16-54	1125-1152	4	S.Sh.	50	60	57	40' shrimp trawl
932	27°30'	82°45'	3-16-54	1525-1553	4	S.Sh.	52	60	62	40' shrimp trawl
933	27°36'	83°18'	3-18-54	1000-1030	20	gy.H.	66	61	63	40' shrimp trawl
934	27°30'	83°30'	3-18-54	1155-1235	23	Co.S.	71	62	64	40' shrimp trawl
935	27°36'	83°40'	3-18-54	1320-1400	27	Co.S.	71	64	66	40' shrimp trawl
936	27°30'	83°50'	3-18-54	1515-1542	32	Co.S.	65	63	65	40' shrimp trawl
937	27°30'	84°14'	3-18-54	1755-1815	38	Co.	68	70	65	40' shrimp trawl
938	27°36'	84°26'	3-18-54	2000-2035	58	Sp.	68	70	67	40' shrimp trawl
939	27°49'	84°12'	3-18-54	2300-2330	35	Sh.G.	64	64	64	40' shrimp trawl
940	30°04'	86°10'	3-21-54	1235-1315	21	S.	62	62	63	40' shrimp trawl
941	29°57'	86°22'	3-21-54	1420-1445	35	gy.H.S.	63	62	63	40' shrimp trawl
942	29°54'	86°25'	3-21-54	1532-1620	39	S.	65	63	63	40' shrimp trawl
943	29°52'	86°27'	3-21-54	1655-1738	40	S.	62	63	63	40' shrimp trawl
944	29°50'	86°30'	3-21-54	2000-2100	50	gn.H.S.	64	66	63	40' shrimp trawl
945	29°48'	86°37'	3-21-54	2100-2200	67	gn.H.	62	64	62	40' shrimp trawl
946	29°41'	86°44'	3-22-54	2230-2400	100	H.	60	63	69	40' shrimp trawl
947	29°30'	86°56'	3-22-54	0100-0400	190	gy.cm.H.	60	64	52	40' shrimp trawl
948	29°30'	87°12'	3-22-54	0700-0800	210	H.	61	68	53	40' shrimp trawl
949	29°05'	87°24'	3-22-54	0900-0930	39	S.G.	64	68	67	Handlines
950	29°32'	87°38'	3-22-54	1015-2200	40	--	--	--	--	Handlines
951	30°13'	88°30'	3-21-54	1815-2100	5	S.	--	--	--	Lift net
952	30°16'	87°02'	4-1-54	1810-2320	10	S.	60	62	65	Lift net
953	29°23'	85°51'	4-2-54	1300-1400	180	sft.H.	70	72	50	40' shrimp trawl
954	27°08'	84°53'	4-3-54	010-0500	150-175	gy.H.S.	72	74	51	40' shrimp trawl
955	27°08'	84°53'	4-3-54	0545-0712	100	S.	74	74	62	40' shrimp trawl
956	27°08'	84°25'	4-3-54	0830-0957	85-80	H.S.	76	74	71	40' shrimp trawl
957	27°03'	84°16'	4-3-54	1135-1235	75	H.S.	72	76	64	40' shrimp trawl
958	27°03'	84°08'	4-3-54	1450-1520	41	S.Sh.	70	74	67	40' shrimp trawl
959	29°07'	83°30'	4-3-54	1730-1745	34	S.Co.	68	72	71	40' shrimp trawl
960	27°07'	83°40'	4-3-54	1920-2005	39	Co.S.	69	72	77	40' shrimp trawl
961	27°07'	82°27'	4-3-54	2150-2230	25	Co.S.	69	71	65	40' shrimp trawl
962	27°07'	83°19'	4-3-54	2347-0025	23	S.Sh.Co.	70	71	67	40' shrimp trawl
963	27°07'	83°19'	4-1-54	0045-0115	23	S.Sh.Co.	70	71	86	40' shrimp trawl
964	27°07'	83°07'	4-4-54	0255-0325	18	S.Sh.Co.	70	70	67	40' shrimp trawl

Station Number	Locality		Date	Time	Depth in fathoms	Type of bottom	Temperatures °F.			Type of gear used
	N. lat.	W. long					Air	Sur.	Bot.	
965	27°07'	83°00'	4-4-54	0435-0505	16	Sp.Sh.S.	70	69	67	40' shrimp trawl
966	27°07'	82°53'	4-4-54	0620-0657	14	wh.S.Sh.	71	70	66	40' shrimp trawl
967	27°07'	82°44'	4-4-54	0810-0845	11	S.H.	76	72	65	40' shrimp trawl
968	27°08'	82°38'	4-4-54	0955-1015	8	S.H.	78	74	60	40' shrimp trawl
969	27°01'	82°48'	4-4-54	1148-1218	13	S.Sp.	74	72	72	40' shrimp trawl
970	27°00'	82°56'	4-4-54	1405-1440	16	Sh.Sp.S.	78	74	68	40' shrimp trawl
971	26°54'	83°17'	4-4-54	1725-1800	24	Co.S.Sh.	74	72	68	40' shrimp trawl
972	26°49'	82°48'	4-4-54	2020-2044	15	S.Sp.H.	72	72	66	40' shrimp trawl
973	26°48'	82°45'	4-5-54	0045-0115	14	S.Sh.Sp.	72	72	67	40' shrimp trawl
974	26°46'	83°03'	4-5-54	0510-0540	20	S.Sh.G.	72	72	68	40' shrimp trawl
975	26°33'	83°07'	4-5-54	0652-0720	23	S.H.	73	71	69	40' shrimp trawl
976	26°28'	82°32'	4-5-54	1104-1130	12	S.Sh.Co.	82	73	69	40' shrimp trawl
977	26°28'	82°13'	4-6-54	1345-1355	5	gy.S.Sh.	82	76	81	4' scallop rake
978	26°30'	82°13'	4-6-54	1418-1433	5	gy.S.Sh.	78	76	78	4' scallop rake
979	26°28'	82°20'	4-6-54	1500-1530	6	gy.S.Sh.	80	76	76	4' scallop rake
980	26°25'	82°21'	4-6-54	1620-1635	7	gy.S.Sh.	78	76	75	4' scallop rake
981	26°16'	82°21'	4-6-54	1740-1805	8	Sh.C.	75	75	76	4' scallop rake
982	26°16'	82°21'	4-6-54	1855-2105	8	S.Sh.G.	74	74	73	40' shrimp trawl
983	26°22'	82°39'	4-6-54	2250-2400	15	S.Sh.C.	73	74	76	40' shrimp trawl
984	26°23'	82°44'	4-7-54	0105-0305	15	Co.Sh.	74	73	65	40' shrimp trawl
985	26°18'	82°58'	4-7-54	0435-0645	22	S.Sh.G.	74	73	65	40' shrimp trawl
986	26°14'	82°55'	4-7-54	0730-0840	21	S.Sh.G.	75	73	64	40' shrimp trawl
987	26°11'	82°48'	4-7-54	0015-1025	20	S.Sh.C.	74	74	65	40' shrimp trawl
988	27°07'	82°30'	4-7-54	1135-1330	13	Co.Sp.Sh.	76	77	69	40' shrimp trawl
988-A	27°07'	82°30'	4-7-54	1145-1200	13	Co.Sp.Sh.	76	77	69	4' scallop rake
988-B	27°07'	82°30'	4-7-54	1230-1300	13	S.Co.Sp.	76	77	69	4' scallop rake
989	26°00'	82°16'	4-7-54	1453-1523	10.5	Co.Sh.	75	76	70	40' shrimp trawl
990	26°00'	82°16'	4-7-54	1540-1640	10.5	Co.Sh.	75	76	70	40' shrimp trawl
991	26°00'	82°03'	4-7-54	1812-1815	7	Co.H.	71	74	74	40' shrimp trawl
992	25°57'	81°52'	4-7-54	2027-2135	5	Co.H.	69	75	76	40' shrimp trawl
992-A	25°57'	81°52'	4-7-54	2037-2047	5	Co.H.Sh.	69	75	76	4' scallop rake
992-B	25°57'	81°52'	4-7-54	2027-2037	5	Co.H.Sh.	69	75	76	4' scallop rake
993	25°55'	81°52'	4-7-54	2202-2309	6	Co.H.Sh.	70	72	73	40' shrimp trawl
993-A	25°55'	81°52'	4-7-54	2202-2212	6	Co.H.Sh.	70	72	73	4' scallop rake
993-B	25°55'	81°52'	4-7-54	2215-2225	6	Co.H.Sh.	70	72	73	4' scallop rake
994	26°06'	81°50'	4-8-54	1140-1225	3.5	S.Co.G.	75	78	76	4' scallop rake
995	25°54'	81°46'	4-8-54	1335-1410	3.5	S.Co.G.	75	78	76	4' scallop rake
996	25°50'	82°04'	4-8-54	1635-1705	10	Sp.Sh.G.	72	74	72	40' shrimp trawl
997	25°53'	82°30'	4-8-54	1910-1950	15	Co.H.Sh.	73	76	69	40' shrimp trawl
998	25°35'	82°49'	4-8-54	2255-2345	15	Co.H.Sh.	73	76	68	40' shrimp trawl
998-A	25°35'	82°49'	4-8-54	2255-2270	15	Co.H.Sh.	73	76	68	4' scallop rake
999	25°30'	82°04'	4-9-54	0505-0535	10.5	Co.Sh.S.	74	75	73	40' shrimp trawl
999-A	25°30'	82°04'	4-9-54	0510-0525	10.5	Co.Sh.S.	71	75	73	4' scallop rake
1000	25°24'	81°28'	4-9-54	0845-0925	4.5	Co.S.Sh.	76	77	78	40' shrimp trawl
1000-A	25°24'	81°28'	4-9-54	0845-0860	4.5	Co.S.Sh.	76	77	78	4' scallop rake
1001	25°22'	81°31'	4-9-54	1043-1103	4.5	Co.S.Sh.	77	77	76	4' scallop rake
1002	25°08'	81°47'	4-0-54	1350-1405	8	Co.Sp.Sh.	88	76	76	4' scallop rake
1003	24°24'	82°55'	4-13-54	1051-1120	37	Co.H.	79	79	73	4' scallop rake
1004	24°24'	82°55'	4-13-54	1150-1240	37	Sp.Sh.	72	79	76	40' shrimp trawl
1005	24°20'	83°02'	4-13-54	1545-1655	190	gn.Cl.H.	75	78	50	40' shrimp trawl
1006	24°20'	83°20'	4-13-54	1815-2110	190	Co.H.	75	76	51	7' shrimp trawl
1007	24°20'	83°24'	4-13-54	2235-0035	180	gn.Cl.H.	74	78	51	7' shrimp trawl
1008	24°30'	83°30'	4-14-54	0150-0350	180-200	H.R.Co.	76	79	49	74' shrimp trawl
1009	24°34'	83°34'	4-14-54	0450-0730	200	wh.Co.H.	73	76	53	40' shrimp trawl
1010	24°35'	83°40'	4-14-54	0815-1105	225	Co.H.	82	78	49	40' shrimp trawl
1011	24°26'	83°25'	4-14-54	1520-1800	200	Co.H.	73	78	49	40' shrimp trawl
1012	24°19'	83°20'	4-14-54	1910-2200	180	Co.H.	76	78	49	40' shrimp trawl
1013	24°22'	83°05'	4-15-54	2305-0055	100	gn.H.	74	76	40	40' shrimp trawl
1014	24°72'	83°12'	4-15-54	1000-2010	4	S.Co.	81	76	78	Handlines
1015	24°20'	83°20'	4-16-54	0825-1105	150-350	Co.H.	79	77	67	40' shrimp trawl
1016	24°22'	83°18'	4-16-54	1135-1330	200	Cl.H.	78	78	50	40' shrimp trawl
1017	24°22'	83°18'	4-16-54	1430-1630	200	H.	92	77	50	40' shrimp trawl
1018	24°13'	83°22'	4-16-54	1755-2115	375	Co.H.	76	78	--	40' shrimp trawl
1019	24°13'	83°22'	4-16-54	2235-0035	375	H.	74	78	--	40' shrimp trawl
1020	24°47'	83°13'	4-19-54	0710-0740	35	Co.H.Sh.	74	76	66	40' shrimp trawl
1021	24°54'	83°25'	4-19-54	0010-0950	38	Co.H.Sh.	73	73	66	40' shrimp trawl
1022	24°59'	83°35'	4-19-54	1045-1130	39	Co.H.Sh.	74	73	67	40' shrimp trawl

Station Number	Locality		Date	Time	Depth in fathoms	Type of bottom	Temperatures °F.			Type of gear used
	N. lat.	W. long.					Air	Sur.	Bot.	
1023	25°09'	83°48'	4-19-54	1340-1350	52	S.G.Sp.	72	74	67	40' shrimp trawl
1024	25°13'	83°55'	4-19-54	1515-1545	65	S.G.	73	75	68	40' shrimp trawl
1025	25°12'	84°05'	4-19-54	1630-1810	75	S.G.Co.	73	76	65	40' shrimp trawl
1026	25°06'	84°19'	4-19-54	2115-2300	163	S.G.	73	76	50	40' shrimp trawl
1027	25°02'	84°23'	4-21-54	0830-1605	600-1000	--	74	76	--	Longline
1028	26°28'	87°18'	4-21-54	2103-0315	780	--	70	74	--	40' shrimp trawl
1029	29°12'	88°35'	4-22-54	1900-2200	32	gy.M.Sh.	72	75	70	Handline
1030	28°30'	89°43'	5-7-54	1315	50-200	--	73	75	--	Plankton sampler
1031	28°15'	90°42'	5-7-54	0545-0815	63	--	71	74	--	Plankton sampler
1032	27°50'	92°00'	5-8-54	0300-0530	170-235	--	71	74	--	Dip net
1033	27°50'	92°00'	5-8-54	0630-1435	170-235	--	72	73	--	Longline
1034	27°50'	92°00'	5-8-54	1455-1955	130	--	76	75	--	Plankton sampler
1035	26°40'	92°00'	5-8-54	1045-0500	890	--	74	76	--	Dip net
1036	26°10'	92°03'	5-9-54	0710-1529	890	--	82	76	--	Longline
1037	26°23'	92°00'	5-9-54	1905-2320	1027-1658	--	74	75	--	Plankton sampler
1038	25°30'	92°00'	5-10-54	2345-0500	1760	--	74	75	--	Dip net
1039	25°30'	92°00'	5-10-54	0635-1320	1760	--	75	75	--	Longline
1040	25°22'	91°55'	5-10-54	1430-1830	1760-1920	--	76	76	--	Plankton sampler
1041	24°50'	91°55'	5-10-54	1845-2145	1920-1950	--	75	76	--	Plankton sampler
1042	24°22'	92°00'	5-10-54	1000-0515	1950	--	76	76	--	Dip nets
1043	24°16'	92°00'	5-11-54	0630-1230	1950	--	80	76	--	Longline
1044	23°10'	92°00'	5-11-54	2115-0515	2060	--	80	78	--	Dip net
1045	23°10'	92°00'	5-12-54	0630-1230	2080	--	78	78	--	Longline
1046	22°40'	91°42'	5-13-54	2000-0430	20	Co.S.	76	80	--	Dip net & handlines
1047	21°35'	90°45'	5-13-54	1415-1425	18	Co.	78	78	78	4' scallop rake
1048	21°17'	91°18'	5-13-54	1905-1930	20	M.Co.	77	78	78	40' shrimp trawl
1049	21°14'	91°25'	5-13-54	2045-2115	25	M.Co.	75	78	76	40' shrimp trawl
1050	21°09'	91°41'	5-13-54	2255-2340	28	M.Co.	77	78	76	40' shrimp trawl
1051	20°50'	92°35'	5-14-54	0630-1255	1520	--	81	78	--	Longline
1052	20°01'	92°27'	5-14-54	1930-0500	815	gy.M.	78	78	--	Dip net
1053	20°00'	92°25'	5-15-54	0700-1310	800	--	82	78	--	Longline
1054	19°37'	92°40'	5-15-54	1650-1825	200	M.	80	79	52	40' shrimp trawl
1055	19°14'	93°00'	5-15-54	2125-2325	225	gy.M.Cl.	80	80	50	40' shrimp trawl
1056	18°50'	93°05'	5-15-54	1328-1435	20	gy.M.	79	81	76	40' shrimp trawl
1057	18°45'	93°15'	5-16-54	1512-1620	19	gy.M.	95	81	76	40' shrimp trawl
1058	18°45'	93°20'	5-16-54	1642-1750	22	gy.M.	88	82	76	40' shrimp trawl
1059	18°43'	93°29'	5-16-54	1855-1910	25	gy.M.	79	80	73	40' shrimp trawl
1060	18°43'	93°30'	5-16-54	2015-2060	35	gy.M.	79	80	70	40' shrimp trawl
1061	18°44'	93°33'	5-16-54	2120-2200	45	gy.M.	79	80	--	40' shrimp trawl
1062	19°05'	94°10'	5-17-54	0630-1450	700	--	78	80	--	Longline
1063	19°13'	95°34'	5-17-54	2300-0600	700	--	--	--	--	Dip net
1064	20°34'	95°37'	5-20-54	1800-0500	1200	--	80	80	--	Dip net
1065	20°34'	93°37'	5-21-54	0625-1205	1130	--	80	78	--	Longline
1066	21°42'	93°35'	5-22-54	1700-0550	1520	--	78	80	--	Dip net
1067	21°42'	95°35'	5-22-54	0420-1200	1520	--	90	79	--	Longline
1068	22°10'	96°20'	5-23-54	1700-0500	1360	--	78	78	--	Dip net
1069	22°05'	96°23'	5-23-54	0538-1135	1278	--	78	78	--	Longline
1070	22°30'	96°57'	5-24-54	1700-0500	1056	--	78	78	--	Dip net
1071	22°33'	97°04'	5-24-54	0605-1200	1000	--	79	78	--	Longline
1072	22°13'	97°10'	5-24-54	1800-0500	600	--	79	78	--	Dip net
1073	23°12'	97°02'	5-25-54	0715-1215	600	--	84	78	--	Longline
1074	24°00'	96°50'	5-25-54	1700-0500	575	--	78	77	--	Dip net
1075	24°00'	97°51'	5-26-54	0633-1200	575	--	83	77	--	Longline
1076	24°54'	96°05'	5-27-54	2000-0600	850	--	79	77	--	Dip net
1077	25°00'	96°15'	5-27-54	0605-1145	600	--	79	77	--	Longline
1078	26°05'	95°25'	5-27-54	0900-0600	1050	--	78	77	--	Dip net
1079	26°15'	95°30'	5-28-54	0600	1000	--	81	77	--	Longline
1080	26°03'	97°05'	6-2-54	0815-0845	11	gy.M.	80	78	79	40' shrimp trawl
1081	26°10'	96°59'	6-2-54	0925-1005	15	gy.M.	78	78	76	40' shrimp trawl
1082	26°11'	96°52'	6-2-54	1038-1120	21	gy.M.	78	77	73	40' shrimp trawl
1083	26°13'	96°45'	6-2-54	1155-1235	23	gy.M.	79	80	72	40' shrimp trawl
1084	26°15'	96°38'	6-2-54	1320-1350	26	gy.M.	78	78	72	40' shrimp trawl
1085	26°10'	97°00'	6-3-54	0600-0710	11	gy.M.	80	78	75	40' shrimp trawl
1086	26°10'	96°54'	6-3-54	0840-0954	18	gy.M.	82	78	75	40' shrimp trawl
1087	26°10'	96°40'	6-3-54	1405-1515	29	gy.M.	79	79	71	40' shrimp trawl
1088	26°10'	96°25'	6-3-54	1705-1750	40	gy.M.	84	80	72	40' shrimp trawl
1089	26°10'	96°25'	6-4-54	1900-0500	40	gy.M.	84	82	72	Dip net
1090	26°10'	96°22'	6-4-54	0605-0625	50-30	br.M.	80	80	69	40' shrimp trawl

Station Number	Locality			Date	Time	Depth in fathoms	Type of bottom	Temperatures °F.			Type of gear used
	N. lat.	E. long.						Air	Sur.	Bot.	
1091	26°16'	96°20'	6-4-54	1410-1545	200-210	br.M.	78	79	--	40' shrimp trawl	
1092	26°53'	96°20'	6-4-54	1725-2000	200	M.	75	78	--	40' shrimp trawl	
1093	27°03'	96°16'	6-4-54	2115-2400	210	br.M.	75	77	--	40' shrimp trawl	
1094	27°10'	96°20'	6-5-54	0615-0715	150	br.M.	78	78	54	40' shrimp trawl	
1095	27°10'	96°17'	6-5-54	0853-0900	175	gy.br.M.	77	77	--	40' shrimp trawl	
1096	27°20'	96°12'	6-5-54	1000-1055	100-125	gy.M.	76	77	59	40' shrimp trawl	
1097	27°20'	96°20'	6-5-54	1200-1350	85	gy.M.	77	78	--	40' shrimp trawl	
1098	27°26'	96°32'	6-5-54	1750-0700	42	R.	77	79	--	Handlines	
1099	27°13'	95°40'	6-11-54	0535-1030	600	--	85	79	--	Longline	
1100	27°00'	93°55'	6-11-54	2030-0400	600	--	80	78	--	Dip net	
1101	27°02'	93°46'	6-12-54	0535-1050	600	--	80	78	--	Longline	
1102	26°58'	91°55'	6-12-54	0830-0400	600	--	77	80	--	Dip net	
1103	27°00'	92°00'	6-12-54	0525-1040	600	--	86	78	--	Longline	
1104	27°10'	96°10'	6-13-54	0900-1200	700	--	80	78	--	Dip net	
1105	27°16'	96°25'	6-14-54	0535-1040	700-800	--	82	78	--	Longline	
1106	26°02'	86°35'	6-15-54	0833-0933	225	gn.M.	79	80	50	70' shrimp trawl	
1107	29°05'	83°25'	6-15-54	1045-1235	210-235	gn.M.	81	80	49	74' shrimp trawl	
1108	29°18'	83°45'	6-15-54	1525-1740	34	gn.M.	79	80	71	74' shrimp trawl	
1109	29°22'	83°48'	6-15-54	1945-2205	18	gy.M.	79	80	71	74' shrimp trawl	
1110	29°59'	83°07'	7-13-54	2215-0200	710	--	84	86	--	Dip net	
1111	29°00'	83°08'	7-14-54	0500-1050	625	--	84	86	--	Longline	
1112	28°50'	83°11'	7-14-54	1300-1910	720	--	88	86	--	Longline	
1113	28°41'	83°17'	7-14-54	2030-0300	850	--	90	83	--	Dip net	
1114	28°38'	83°06'	7-15-54	0505-1050	1050	--	94	88	--	Longline	
1115	28°45'	83°06'	7-15-54	1400-1815	960	--	92	87	--	Longline	
1116	28°36'	83°24'	7-15-54	2035-0020	900	--	88	88	--	Dip net	
1117	28°34'	83°20'	7-16-54	0220-0720	1087	--	90	88	--	Longline	
1118	28°45'	83°25'	7-16-54	0845-1310	815	--	94	87	--	Longline	
1119	28°45'	83°25'	7-16-54	1900-0100	700	--	86	87	--	Dip net	
1120	28°53'	83°13'	7-17-54	0510-1045	710	--	86	87	--	Longline	
1121	23°17'	87°21'	7-17-54	1900-2300	1400	--	87	86	--	Dip net	
1122	28°20'	87°20'	7-18-54	0515-1010	1000	--	88	86	--	Longline	
1123	28°20'	87°40'	7-18-54	1400-1810	1400	--	88	87	--	Longline	
1124	28°36'	87°58'	7-18-54	2000-0200	1200	--	--	--	--	Dip net	
1125	28°40'	88°00'	7-19-54	0520-1015	1260	--	88	86	--	Longline	
1126	28°54'	87°55'	7-19-54	1420-1815	900	--	89	85	--	Longline	
1127	29°05'	88°10'	7-19-54	2010-0200	450	--	--	--	--	Dip net	
1128	29°11'	88°00'	7-20-54	0550-1050	350	--	90	85	--	Longline	
1129	29°00'	88°11'	7-20-54	1400-1855	625	--	85	84	--	Longline	
1130	29°50'	88°35'	7-21-54	0540-1110	500	--	85	84	--	Longline	
1131	27°52'	89°41'	7-22-54	0001-0300	550	--	--	--	--	Dip net	
1132	28°05'	89°35'	7-22-54	0530-1100	660	--	83	86	--	Longline	
1133	27°35'	89°35'	7-22-54	1400-1840	900	--	88	84	--	Longline	
1134	27°34'	89°00'	7-22-54	2145-2400	975	--	--	--	--	Dip net	
1135	27°30'	89°00'	7-23-54	0510-1055	1000	--	84	83	--	Longline	
1136	27°33'	89°35'	7-23-54	1405-1850	1060	--	86	84	--	Longline	
1137	28°00'	89°01'	7-24-54	0001-0230	1300	--	--	--	--	Dip net	
1138	27°58'	88°03'	7-24-54	0500-1425	1300	--	72	83	--	Longline	
1139	27°55'	88°05'	7-24-54	2000-0200	1370	--	--	--	--	Dip net	
1140	27°55'	88°08'	7-24-54	0510-1230	1250	--	86	83	--	Longline	
1141	27°51'	88°05'	7-25-54	1325-1840	1370	--	85	83	--	Longline	
1142	27°52'	87°44'	7-25-54	2300-0300	1500	--	--	--	--	Dip net	
1143	27°50'	87°42'	7-26-54	0500-1140	1500	--	85	83	--	Longline	
1144	27°52'	87°50'	7-26-54	1320-1820	1450	--	84	83	--	Longline	
1145	28°17'	87°52'	7-26-54	2200-0400	1300	--	--	--	--	Dip net	
1146	28°42'	88°00'	7-27-54	0510-1140	1200	--	84	82	--	Longline	
1147	28°50'	88°02'	7-27-54	1325-1650	1000	--	80	83	--	Longline	
1148	29°03'	88°02'	8-11-54	0100-0500	715	--	90	83	--	Dip net	
1149	29°05'	88°05'	8-11-54	0500-1330	575	--	88	83	--	Longline	
1150	28°56'	87°56'	8-12-54	0300-0500	850	--	83	84	--	Dip net	
1151	29°05'	87°50'	8-12-54	0500-1300	750	--	86	84	--	Longline	
1152	29°08'	87°48'	8-12-54	1900-0400	700	--	85	85	--	Longline	
1153	29°05'	87°45'	8-12-54	2230-2400	850	--	84	85	--	Dip net	
1154	29°10'	87°45'	8-13-54	0630-1335	650-800	--	86	85	--	Longline	
1155	28°45'	88°04'	8-13-54	2100-0400	1000	--	85	85	--	Dip net	
1156	28°50'	88°10'	8-14-54	0530-0930	1000	--	88	83	--	Longline	
1157	28°55'	88°01'	8-14-54	1500-2400	--	--	86	84	--	Handlines & Dip net	
1158	29°05'	88°01'	8-15-54	0520-0930	600	--	80	84	--	Longline	

Station Number	Locality		Date	Time	Depth in fathoms	Type of bottom	Temperatures °F.			Type of gear used
	N. lat.	W. long.					Air	Sur.	Bot.	
1159	29°27'	88°10'	8-15-54	2000-0400	1150	--	--	--	--	Dip net
1160	29°35'	88°10'	8-16-54	0520-0920	1100	--	86	84	--	Longline
1161	29°52'	88°28'	8-16-54	1430-1700	550	--	85	85	--	Longline
1162	29°57'	88°30'	8-16-54	2000-2300	450	--	84	85	--	Dip net
1163	29°58'	88°30'	8-17-54	0510-0930	450	--	92	85	--	Longline
1164	29°00'	88°25'	8-17-54	1400-1630	400	--	92	85	--	Longline
1165	29°06'	88°06'	8-17-54	1900-2230	400-500	--	88	85	--	Dip net
1166	29°00'	88°15'	8-18-54	0930-1125	550	--	89	85	--	Longline
1167	29°00'	87°54'	8-18-54	1430-1830	700	--	91	85	--	Longline
1168	29°06'	87°33'	8-18-54	2045-2245	800	--	90	85	--	Dip net
1169	29°05'	87°25'	8-19-54	0510-0600	750-800	--	92	86	--	Longline
1170	29°27'	87°26'	8-19-54	1510-1700	100-170	--	90	88	--	Longline
1171	29°23'	87°30'	8-19-54	2000-2400	100	--	--	87	--	Dip net
1172	29°00'	88°00'	8-24-54	2100-2400	900	--	88	83	--	Dip net
1173	29°54'	88°02'	8-25-54	0500-1000	900	--	85	83	--	Longline
1174	28°59'	88°02'	8-25-54	2000-2400	800	--	85	84	--	Dip net
1175	28°55'	88°00'	8-26-54	0515-0700	750	--	89	87	--	Longline
1176	28°45'	88°40'	8-26-54	2000-2400	550	--	86	86	--	Dip net
1177	28°50'	88°34'	8-27-54	0600-1120	500-600	--	85	84	--	Longline
1178	28°23'	89°03'	8-27-54	2000-2400	400	--	89	84	--	Dip net
1179	28°16'	89°02'	8-28-54	0500-0740	500	--	86	83	--	Longline
1180	27°40'	89°03'	8-28-54	2000-2400	850	--	85	83	--	Dip net
1181	27°40'	88°55'	8-29-54	0510-1525	1000	--	85	84	--	Longline
1182	28°12'	88°52'	8-30-54	0500-0945	750	--	89	84	--	Longline
1183	28°46'	88°40'	8-31-54	2000-0300	600	--	85	85	--	Dip net
1184	28°46'	88°26'	8-31-54	0500-0925	600	--	95	85	--	Longline
1185	29°12'	88°34'	8-31-54	1900-2400	32	R.	92	82	--	Handlines & Dip net
1186	30°02'	88°54'	9-18-54	1700-0700	Beach	S.	84	82	--	Beach seine
1187	26°00'	85°00'	9-21-54	2110-0400	1822	--	84	82	--	Dip net
1188	25°58'	84°50'	9-21-54	0515-1240	1800	--	86	82	--	Longline
1189	26°00'	86°05'	9-22-54	0200-0500	1700	--	80	82	--	Dip net
1190	25°55'	86°10'	9-22-54	0520-1210	1700	--	85	88	--	Longline
1191	26°00'	87°20'	9-22-54	1820-0500	1620	--	82	80	--	Dip net
1192	25°58'	87°03'	9-23-54	0515-1340	1620	--	84	82	--	Longline
1193	26°00'	88°25'	9-24-54	0100-0500	1595	--	80	82	--	Dip net
1194	26°36'	88°21'	9-24-54	0515-1220	1344	--	85	83	--	Longline
1195	26°15'	89°35'	9-25-54	0515-1345	1647	--	84	82	--	Longline
1196	26°00'	90°32'	9-26-54	0100-0500	1820	--	--	--	--	Dip net
1197	25°45'	90°50'	9-26-54	0525-1220	1850	--	85	82	--	Longline
1198	25°00'	93°30'	9-27-54	0525-1205	1250	--	84	83	--	Longline
1199	26°00'	94°45'	9-28-54	0100-0500	1620	--	82	83	--	Dip net
1200	26°00'	94°45'	9-28-54	0550-1540	1630	--	88	83	--	Longline
1201	26°04'	96°22'	10-2-54	0520-1310	80-250	--	86	83	--	Longline
1202	26°00'	90°40'	10-4-54	1300-1730	1820	--	84	82	--	Longline
1203	27°00'	89°15'	10-5-54	0535-1300	1360	--	86	83	--	Longline
1204	25°40'	80°00'	11-2-54	1000-1400	100-200	--	--	78	--	60' mid-water trawl
1205	25°40'	80°00'	11-3-54	1045-1110	100-200	--	68	76	--	60' mid-water trawl
1206	25°40'	80°00'	11-4-54	0740-1010	100-200	--	--	78	--	60' mid-water trawl
1207	25°40'	80°00'	11-4-54	1218-1310	100-200	--	--	78	--	60' mid-water trawl
1208	25°40'	80°00'	11-4-54	1430-1520	100-200	--	--	76	--	60' mid-water trawl
1209	25°40'	80°00'	11-5-54	1040-1140	100-200	--	--	78	--	60' mid-water trawl
1210	25°40'	80°00'	11-5-54	1225-1450	100-200	--	--	78	--	60' mid-water trawl
1211	25°25'	79°15'	11-10-54	1240	4	--	--	78	--	40' shrimp trawl
1212	24°00'	83°52'	11-16-54	0620-1210	720	--	82	78	--	Longline
1213	23°50'	85°00'	11-16-54	2200-0500	1700	--	78	77	--	Dip net
1214	23°40'	84°15'	11-17-54	0745-0930	1670	--	80	78	--	Longline
1215	25°45'	82°03'	11-19-54	1335-1400	10	S.	78	78	74	40' shrimp trawl
1216	29°21'	88°34'	12-13-54	1930-1935	35	bk.H.	47	66	69	74' shrimp trawl
1217	27°30'	88°45'	12-14-54	0615-1300	1110	--	60	71	--	Longline
1218	26°40'	88°45'	12-14-54	2100-0400	1300	--	58	76	--	Dip net
1219	26°36'	88°28'	12-15-54	0615-0945	1344	--	65	76	--	Longline
1220	26°20'	88°20'	12-16-54	0620-0630	1100	--	65	73	--	Dip net
1221	27°55'	83°20'	12-16-54	0630-1000	1200	--	69	69	--	Longline
1222	29°17'	88°40'	12-16-54	2140-2350	35	--	69	88	--	74' shrimp trawl
1223	26°20'	88°44'	1-12-55	0600-1320	890	--	65	75	--	Longline
1224	27°05'	89°35'	1-12-55	2250-0130	1100	--	88	66	--	Dip net
1225	26°58'	89°47'	1-13-55	0550-1000	1350	--	66	72	--	Longline
1226	26°56'	90°56'	1-13-55	2230-0230	1800	--	60	--	--	Dip net

Station Number	Locality		Date	Time	Depth in fathoms	Type of bottom	Temperatures °F.			Type of gear used
	N. lat.	W. long.					Air	Surf.	Bot.	
1227	26°00'	91°30'	1-14-55	0710-1905	1800	--	68	73	--	Longline
1228	24°55'	91°55'	1-15-55	0510-1900	1900	--	71	74	--	Longline
1229	24°10'	92°15'	1-16-55	0610-1900	1960	--	75	74	--	Longline
1230	23°35'	92°55'	1-17-55	0600-1945	2050	--	70	74	--	Longline
1231	22°11'	96°57'	1-19-55	2000-0100	1000	--	64	--	--	Dip net
1232	22°05'	97°10'	1-20-55	0610-1000	430	--	68	74	--	Longline
1233	23°00'	97°30'	1-21-55	1600	40	--	71	74	--	Longline
1234	22°00'	96°38'	1-27-55	0030-0230	1200	--	68	--	--	Dip net
1235	22°10'	96°10'	1-27-55	0600-1400	1200	--	72	73	--	Longline
1236	21°58'	95°50'	1-27-55	2030-0130	1490	--	66	--	--	Dip net
1237	22°05'	95°50'	1-28-55	0900-1100	1535	--	73	73	--	Longline
1238	28°53'	88°13'	1-31-55	1435-1600	200	bu.M.	63	66	--	16' beam trawl
1239	28°47'	88°36'	1-31-55	1740-2120	500	bu.M.	66	66	--	16' beam trawl
1240	30°10'	88°32'	2-24-55	1350-2000	7	--	60	--	--	Plancton net
1241	29°06'	88°43'	2-24-55	2030	52	--	60	--	--	Plancton net
1242	28°10'	88°12'	2-25-55	0605-1300	990	--	69	73	--	Longline
1243	29°05'	88°28'	2-25-55	1840-2010	190	bu. gy.M.	67	68	50	40' shrimp trawl
1244	29°03'	88°33'	2-25-55	2018-2146	195	gy.M.	67	68	50	40' shrimp trawl
1245	29°05'	88°30'	2-25-55	2230-0200	195	gy.M.	66	68	50	40' shrimp trawl
1246	29°15'	88°18'	2-26-55	0420-0720	200-210	bu. gy.M.	66	66	49	40' shrimp trawl
1247	29°10'	88°13'	2-26-55	0820-1045	205	gy.M.	68	66	49	40' shrimp trawl
1248	29°11'	88°07'	2-26-55	1150-1400	205	--	71	69	51	100' shrimp trawl
1249	29°11'	88°03'	2-26-55	1400-1745	205	gy.M.	68	69	51	100' shrimp trawl
1250	29°14'	87°53'	2-26-55	1815-2115	225	--	68	--	--	100' shrimp trawl
1251	29°16'	87°49'	2-26-55	2150-0145	200	gy.M.	--	--	--	100' shrimp trawl
1252	29°19'	87°34'	2-27-55	0150-0940	225	--	68	--	--	100' shrimp trawl
1253	29°47'	87°17'	3-1-55	1455-1620	70	gy. gn.M.	73	69	63	16' beam trawl
1254	29°43'	87°18'	3-1-55	1720-1845	90	gy. gn.M.	69	70	63	16' beam trawl
1255	29°39'	87°17'	3-1-55	1910-2015	120	gy. gn.M.	69	70	62	16' beam trawl
1256	29°31'	87°24'	3-2-55	1055-1220	60	gy. gn.M.	75	71	64	72' shrimp trawl
1257	29°24'	87°31'	3-2-55	1315-1450	100	--	70	63	70	72' shrimp trawl
1258	29°29'	86°52'	3-3-55	1030-1143	225	gy. gn.M.	78	71	50	40' shrimp trawl
1259	29°29'	86°53'	3-3-55	1210-1500	240	gy. gn.M.	82	71	49	40' shrimp trawl
1260	29°23'	86°48'	3-3-55	1500-1850	250	gy. gn.M.	71	72	49	80' shrimp trawl
1261	29°17'	86°43'	3-3-55	1920-2315	250	gy. gn.M.	71	71	49	80' shrimp trawl
1262	29°16'	86°21'	3-4-55	0820-1205	164	gn.M.	73	73	52	80' shrimp trawl
1263	24°08'	86°25'	3-4-55	1217-1610	200	gy.M.	79	73	50	80' shrimp trawl
1264	29°03'	86°22'	3-4-55	1625-1930	225	gy.M.	70	73	49	80' shrimp trawl
1265	29°12'	87°59'	3-5-55	0800-1155	250	gn.M.	74	70	50	80' shrimp trawl
1266	29°10'	88°09'	3-5-55	1245-1645	260	gn.M.	75	69	49	80' shrimp trawl
1267	29°06'	88°19'	3-5-55	1700-2115	260	gy.M.	70	67	50	80' shrimp trawl
1268	29°01'	88°33'	3-6-55	0812-1200	250	gy.M.	72	67	48	80' shrimp trawl
1269	28°56'	88°38'	3-6-55	1210-1520	260	gy.M.	71	69	49	80' shrimp trawl
1270	28°53'	88°47'	3-6-55	1628-1827	250	gy.M.	70	65	49	80' shrimp trawl
1271	28°29'	89°21'	3-6-55	0830-1215	250	--	62	70	49	80' shrimp trawl
1272	28°20'	89°46'	3-8-55	1430-1700	250	gy.M.	65	72	49	80' shrimp trawl
1273	28°10'	87°51'	3-9-55	0600-1430	1600	--	69	70	--	Longline
1274	28°14'	86°44'	3-10-55	0600-1400	653	--	79	67	--	Longline
1275	28°25'	86°02'	3-11-55	0700-1100	225	--	77	69	49	80' shrimp trawl
1276	28°30'	86°11'	3-11-55	1110-1445	240	gy.M.	78	69	48	80' shrimp trawl
1277	28°32'	86°20'	3-11-55	1528-1630	260	gy.M.	72	69	48	80' shrimp trawl
1278	28°40'	86°29'	3-12-55	0720-1030	250	gy.M.	92	70	48	80' shrimp trawl
1279	28°50'	86°34'	3-12-55	1140-1530	250	gy.M.	74	70	49	80' shrimp trawl
1280	29°14'	87°45'	3-12-55	2207-0220	250	gy.M.	70	68	49	80' shrimp trawl
1281	29°13'	87°54'	3-13-55	0325-0735	250	gy.M.	78	67	47	80' shrimp trawl
1282	29°10'	88°03'	3-13-55	0855-1305	260	gy.M.	78	71	50	80' shrimp trawl
1283	29°06'	88°19'	3-13-55	1400-1900	260	--	69	51	--	80' shrimp trawl
1284	28°54'	88°22'	3-13-55	1938-2345	250	gy.M.	70	68	50	100' shrimp trawl
1285	26°18'	85°40'	4-8-55	0510-1155	1750	--	87	76	--	Longline
1286	21°15'	84°05'	4-11-55	0530-0855	2000	--	84	80	--	Longline
1287	20°01'	81°50'	4-12-55	0520-1135	1625	--	84	79	--	Longline
1288	18°15'	78°30'	4-14-55	0435-0830	1245	--	90	80	--	Longline
1289	17°10'	74°20'	4-19-55	0500-1000	1700	--	85	79	--	Longline
1290	16°15'	73°30'	4-20-55	0345-1000	2300	--	80	79	--	Longline
1291	17°50'	72°00'	4-21-55	0530-0900	2000	--	79	79	--	Longline
1292	18°08'	74°35'	4-22-55	0340-1000	1138	--	89	79	--	Longline
1293	19°55'	74°10'	4-23-55	0340-1245	800	--	91	80	--	Longline
1294	19°45'	74°45'	4-23-55	1900-0415	1900	--	81	80	--	Dip net

Station Number	Locality		Date	Time	Depth in fathoms	Type of bottom	Temperatures °F.			Type of gear used
	N. lat.	W. long.					Air	Sur.	Bot.	
1295	19°45'	74°45'	4-24-55	0115-1315	1900	--	81	79	--	Longline
1296	19°30'	76°50'	4-25-55	0430-1000	2430	--	81	80	--	Longline
1297	20°50'	86°10'	4-28-55	0445-0930	800	--	88	80	--	Longline
1298	26°30'	89°15'	4-30-55	0500-1430	1400	--	82	80	--	Longline
1299	28°05'	87°45'	5-1-55	0500-1245	1420	--	77	79	--	Longline
1300	29°31'	89°07'	5-21-55	0001-2400	1	Beach	73	76	--	Beach seine
1301	28°48'	86°00'	5-25-55	0545-1150	1000	--	83	78	--	Longline
1302	28°53'	87°58'	5-26-55	0030-0900	890	gy.H.	80	79	--	40' shrimp trawl
1303	28°47'	87°50'	5-26-55	1415-1715	1150-1200	gy.H.	82	80	--	40' shrimp trawl
1304	28°10'	88°52'	6-5-55	0515-1215	770	--	82	80	--	Longline
1305	27°18'	89°25'	6-5-55	1800-2400	1184	--	80	81	--	Dip net
1306	27°33'	89°25'	6-6-55	0505-1130	1090	--	81	81	--	Longline
1307	26°50'	89°35'	6-6-55	1800-2400	1500	--	80	81	--	Dip net
1308	27°10'	89°30'	6-7-55	0515-1120	1300	--	80	82	--	Longline
1309	27°32'	91°00'	6-7-55	1800-2400	730	--	80	82	--	Dip net
1310	27°32'	91°01'	6-8-55	0510-1000	600	--	86	81	--	Longline
1311	26°05'	90°58'	6-8-55	1520-2000	45	--	85	82	--	Handlines
1312	27°53'	89°07'	6-9-55	0520-0920	755	--	84	82	--	Longline
1313	28°05'	88°46'	6-9-55	2000-2400	980	--	84	81	--	Dip net
1314	28°01'	86°26'	6-10-55	0430-1000	1170	--	82	82	--	Longline
1315	28°01'	88°06'	6-10-55	1030-1700	1300	--	82	82	--	Longline
1316	28°31'	88°51'	6-11-55	0510-1200	645	--	80	80	--	Longline
1317	28°23'	88°43'	6-11-55	1710-0810	755	--	86	78	--	Longline
1318	28°40'	88°56'	6-12-55	2000-2400	480	--	77	78	--	Dip net
1319	28°35'	86°50'	8-13-55	0540-0900	685	--	77	79	--	Longline
1320	24°51'	84°09'	7-7-55	1331-1615	185-190	--	88	83	50	40' shrimp trawl
1321	24°49'	84°06'	7-7-55	1702-1945	170-200	--	86	83	50	40' shrimp trawl
1322	24°38'	83°42'	7-7-55	2115-2325	200-225	--	84	83	51	40' shrimp trawl
1323	24°32'	83°36'	7-8-55	1245-0500	200	--	74	83	49	80' shrimp trawl
1324	24°23'	83°22'	7-8-55	0650-1140	200	gy.H.S.	48	83	49	80' shrimp trawl
1325	24°29'	83°30'	7-8-55	1430-1920	210	--	85	83	48	80' shrimp trawl
1326	24°31'	83°35'	7-8-55	2300-0400	200-225	--	85	82	47	100' shrimp trawl
1327	24°23'	83°25'	7-9-55	0420-0840	225	--	84	83	47	100' shrimp trawl
1328	24°33'	83°34'	7-9-55	1040-1440	200-300	--	83	83	49	80' shrimp trawl
1329	24°36'	83°42'	7-9-55	1740-2225	220	--	80	83	47	80' shrimp trawl
1330	24°20'	82°56'	7-10-55	0445-0720	200	--	84	83	49	40' shrimp trawl
1331	24°18'	82°54'	7-10-55	0755-1035	200	wh.C1.	83	83	--	40' shrimp trawl
1332	24°18'	83°48'	7-10-55	1330-1503	185-200	--	86	84	50	16' beam trawl
1333	24°18'	82°49'	7-10-55	1532-2010	235-225	--	--	84	49	16' beam trawl
1334	24°13'	82°35'	7-10-55	2100-0050	300-305	--	80	84	--	16' beam trawl
1335	22°50'	79°25'	7-15-55	1120-1215	200-212	--	83	81	--	16' beam trawl
1336	22°50'	79°27'	7-15-55	1245-1345	225	H.	83	81	--	4' scallop rake
1337	22°55'	79°25'	7-15-55	1430-1530	237-240	--	82	82	--	4' scallop rake
1338	22°54'	79°13'	7-15-55	1625-1800	240	--	81	81	--	4' scallop rake
1339	22°55'	79°15'	7-15-55	1845-2230	240	--	81	81	--	40' shrimp trawl
1340	22°55'	79°27'	7-15-55	2240-0145	250	--	80	81	65	40' shrimp trawl
1341	22°55'	79°16'	7-16-55	0205-0610	240	--	82	81	51	40' shrimp trawl
1342	23°10'	79°33'	7-16-55	0810-1145	280	--	91	83	--	40' shrimp trawl
1343	22°59'	79°17'	7-16-55	1615-2110	250	--	80	81	--	40' shrimp trawl
1344	22°50'	79°08'	7-16-55	2145-0140	200-225	Sh.C1.	84	81	62	40' shrimp trawl
1345	22°50'	79°13'	7-17-55	0215-0710	225	--	85	80	62	40' shrimp trawl
1346	24°28'	81°55'	7-18-55	0450-0625	100-120	--	83	85	--	4' scallop rake
1347	24°28'	81°55'	7-18-55	0635-0755	140	--	85	82	--	4' scallop rake
1348	24°29'	81°50'	7-18-55	0756-0937	150	--	86	83	--	4' scallop rake
1349	24°03'	80°30'	7-18-55	0943-1125	150	Co.Sp.	84	83	57	4' scallop rake
1350	24°34'	80°24'	7-18-55	1305-1447	200-210	R.	83	84	--	4' scallop rake
1351	24°47'	80°10'	7-18-55	1507-1645	250-260	R.	83	83	53	4' scallop rake
1352	25°12'	80°02'	7-18-55	1810-2010	210-300	--	80	84	--	4' scallop rake
1353	25°32'	79°18'	7-20-55	to 7-24-55	--	--	--	84	--	Gear studies
1354	25°20'	80°00'	7-23-55	1645-1750	240	--	82	83	--	40' shrimp trawl
1355	25°32'	80°02'	7-24-55	1810-1955	240	--	82	83	--	40' shrimp trawl
1356	28°55'	87°50'	8-10-55	0535-1500	950	--	83	84	--	Longline
1357	28°47'	87°50'	8-9-55	2000-2400	950	--	83	83	--	Dip net
1358	28°47'	87°50'	8-11-55	0520-2045	1000	--	85	85	--	Longline
1359	28°47'	87°50'	8-11-55	2000-0400	950	--	85	84	--	Dip net
1360	28°50'	87°50'	8-12-55	0520-1700	--	--	85	85	--	Longline
1361	28°50'	87°48'	8-12-55	2000-0400	--	--	81	85	--	Dip net
1362	28°50'	87°48'	8-13-55	0520-1615	--	--	81	85	--	Longline

Station Number	Locality		Date	Time	Depth in fathoms	Type of bottom	Temperatures °F.			Type of gear used
	N. lat.	W. long.					Air	Sur.	Bot.	
1363	28°50'	87°50'	8-13-55	2000-0400	1030	--	88	85	--	Dip net
1364	28°52'	87°52'	8-14-55	0510-1610	960	--	86	85	--	Longline
1365	28°48'	87°50'	8-14-55	2000-0400	1100	--	88	85	--	Dip net
1366	28°48'	87°50'	8-15-55	0425-1500	1100	--	85	80	--	Longline
1367	28°47'	87°57'	8-15-55	2000-0400	1100	--	89	85	--	Dip net
1368	28°45'	87°56'	8-16-55	0500-1030	1100	--	86	86	--	Longline
1369-A	28°29'	88°47'	8-20-55	0500-1145	700-720	--	93	84	--	Longline
1369-B	28°19'	88°24'	8-20-55	1345-1830	1000	--	93	85	--	Longline
1370	28°55'	88°00'	8-20-55	2000-0400	800	--	88	85	--	Dip net
1371	28°52'	87°51'	8-21-55	0500-1615	800-1000	--	85	85	--	Longline
1372	28°55'	87°57'	8-21-55	2000-0400	990	--	89	85	--	Dip net
1373	28°59'	87°50'	8-22-55	0500-1745	790-800	--	--	84	--	Longline
1374	29°01'	87°48'	8-22-55	2000-0400	830	--	88	85	--	Dip net
1375	29°04'	87°41'	8-23-55	0500-1550	810	--	92	85	--	Longline
1376	27°43'	88°43'	8-23-55	2000-0400	920	--	88	85	--	Dip net
1377	27°43'	88°43'	8-24-55	0505-1815	950-940	--	88	85	--	Longline
1378	28°12'	88°43'	8-24-55	2000-0400	970	--	85	85	--	Dip net
1379	28°13'	88°41'	8-25-55	0500-1105	910-970	--	88	80	--	Longline
1380	28°17'	88°37'	8-25-55	2000-0400	940	--	85	85	--	Dip net
1381	28°22'	88°42'	8-26-55	0500-1200	755	--	84	85	--	Longline
1382	29°20'	86°10'	9-7-55	0810-1110	102	gy.M.	83	84	56	40' shrimp trawl
1383	29°16'	86°10'	9-7-55	1115-1310	125	gy.M.	83	84	54	40' shrimp trawl
1384	29°15'	86°15'	9-7-55	1450-1730	150	gy.M.	83	85	53	40' shrimp trawl
1385	29°10'	86°17'	9-7-55	1755-2025	175	gy.M.	83	84	53	40' shrimp trawl
1386	29°05'	86°14'	9-7-55	2000-0400	175	--	84	84	--	Dip net
1387	29°02'	86°28'	9-8-55	0545-0825	200-225	bu.M.S.	84	84	--	40' shrimp trawl
1388	29°06'	86°30'	9-8-55	0830-1110	200	bu.M.	90	84	51	40' shrimp trawl
1389	29°00'	88°33'	9-8-55	1155-1440	223	bu.M.	85	85	50	40' shrimp trawl
1390	29°01'	86°40'	9-8-55	1525-1825	250	M.S.	84	85	--	40' shrimp trawl
1391	28°52'	86°42'	9-8-55	1900-2200	275	M.	84	85	--	40' shrimp trawl
1392	28°11'	85°07'	9-9-55	0745-1010	107	gy.M.	82	84	--	40' shrimp trawl
1393	28°03'	85°10'	9-9-55	1030-1300	125	M.	84	84	51	40' shrimp trawl
1394	28°03'	85°18'	9-9-55	1420-1710	225	gy.M.	86	85	49	40' shrimp trawl
1395	28°00'	85°16'	9-9-55	1750-2140	225	gy.M.	83	84	48	40' shrimp trawl
1396	29°34'	86°33'	9-10-55	1025-1250	100	bu.M.	88	84	54	40' shrimp trawl
1397	29°31'	86°33'	9-10-55	1340-1615	125	gy.M.	84	84	53	40' shrimp trawl
1398	29°30'	86°40'	9-10-55	1650-1810	150	gy.M.	83	84	--	40' shrimp trawl
1399	29°27'	86°55'	9-10-55	2000-0400	350	--	86	84	--	Dip net
1400	29°30'	87°08'	9-11-55	0555-0930	210	M.	81	84	50	80' shrimp trawl
1401	29°25'	87°22'	9-11-55	1000-1455	225	gy.gn.M.	80	84	49	80' shrimp trawl
1402	29°21'	87°27'	9-11-55	1525-2110	250	bk.M.	82	83	49	80' shrimp trawl
1403	29°14'	87°35'	9-11-55	2015-0445	200	M.	80	83	--	100' shrimp trawl
1404	29°15'	87°46'	9-12-55	1000-1240	200	M.	80	83	49	80' shrimp trawl
1405	28°22'	89°48'	9-20-55	0235-0335	210	M.	81	83	49	40' shrimp trawl
1406	28°20'	89°46'	9-20-55	0340-0635	250	M.	82	82	49	40' shrimp trawl
1407	28°07'	89°59'	9-20-55	0810-1058	258	M.	84	83	--	40' shrimp trawl
1408	28°02'	90°15'	9-20-55	1200-1445	200	M.	84	83	49	40' shrimp trawl
1409	27°59'	90°27'	9-20-55	1535-1820	225	M.	83	83	--	40' shrimp trawl
1410	27°55'	90°33'	9-20-55	1845-2135	275	M.	--	82	--	40' shrimp trawl
1411	27°54'	90°39'	9-20-55	2145-2425	240	M.	80	83	--	40' shrimp trawl
1412	27°58'	90°41'	9-21-55	0120-0350	150-175	M.	82	83	53	40' shrimp trawl
1413	28°01'	90°53'	9-21-55	0410-0645	125	M.	83	82	54	40' shrimp trawl
1414	27°56'	90°57'	9-21-55	0725-1000	175	M.	83	82	50	40' shrimp trawl
1415	27°50'	91°05'	9-21-55	1205-1245	300	M.	83	84	--	40' shrimp trawl
1416	28°03'	91°02'	9-21-55	1645-1650	29	Co.Sp.	82	83	72	4' scallop rake
1417	27°58'	90°51'	9-22-55	0745-1000	225	M.	82	83	50	40' shrimp trawl
1418	27°52'	90°44'	9-22-55	1035-1225	275	M.	84	83	--	40' shrimp trawl
1419	28°22'	89°59'	9-22-55	1735-2000	65	M.	82	83	64	40' shrimp trawl
1420	28°20'	90°06'	9-22-55	2030-2242	50	M.	82	83	65	40' shrimp trawl
1421	28°17'	89°55'	9-23-55	2350-0215	100	M.	82	83	54	40' shrimp trawl
1422	28°32'	89°32'	9-23-55	0425-0810	210	M.	88	83	51	40' shrimp trawl
1423	29°05'	88°09'	9-23-55	1710-2100	400	M.	82	84	--	40' shrimp trawl
1424	29°06'	88°02'	9-23-55	2115-0125	400	M.	82	83	--	40' shrimp trawl
1425	29°04'	88°05'	9-24-55	0140-0650	500	M.	86	83	--	40' shrimp trawl
1426	29°07'	87°54'	9-24-55	0720-1350	600	M.	88	86	--	40' shrimp trawl
1427	29°11'	88°05'	9-24-55	1635-2017	200	M.	84	84	50	80' shrimp trawl
1428	29°12'	88°03'	9-24-55	2050-0030	200	M.	82	83	50	80' shrimp trawl
1429	29°11'	88°03'	9-25-55	1240-0525	200	M.	86	84	49	80' shrimp trawl

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