WOODS HOLE LABORATORY REFERENCE DOCUMENT NUMBER 83-27

COLLECTION DATA
FOR
U.S. EAST COAST GASTROPOD MOLLUSKS IN THE NORTHEAST FISHERIES CENTER SPECIMEN REFERENCE COLLECTION WOODS HOLE, MASSACHUSETTS

by

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APPROVED FOR DISTRIBUTION

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(APPROVING OFFICIAL)

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(DATE)

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ERRATA

Pagination error: Page 153 is not missing; it was inadvertently overlooked durong paginating.

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U.S. East Coast Gastropod Mollusks in the
Northeast Fisheries Center Specimen Reference Collection
Woods Hole, Massachusetts

INTRODUCTION

This report contains data pertaining to collections of gastropod mollusks residing in the Specimen Reference Collection maintained at the Northeast Fisheries Center, Woods Hole, Massachusetts. The collections were gleaned from biological samples obtained by this laboratory (this report covers a period of 21 years) for ecological and management studies relating to benthic invertebrates and demersal fishes.

The gastropod portion of the NEFC collection reported on here contains slightly more than 15,000 specimens from 3,583 separate samples (lots) obtained at 1,451 sampling sites (stations). The distribution of sampling sites which yielded specimens is illustrated in Figure 1.

Samples were obtained using a variety of methods including research vessels and leased commercial vessels, of which there were 12, as well as hand and SCUBA diving methods in inshore and nearshore areas. Table 1 lists the various vessels used to obtain samples, their affiliation at time of collecting, the number of samples containing gastropods, and the percent of samples represented in the collection. These samples were obtained by means of 28 different types of sampling gear or methods, including bottom grabs, dredges, trawls, etc., and are listed in Table 2 along with the number of samples obtained by each, and the percentage represented.

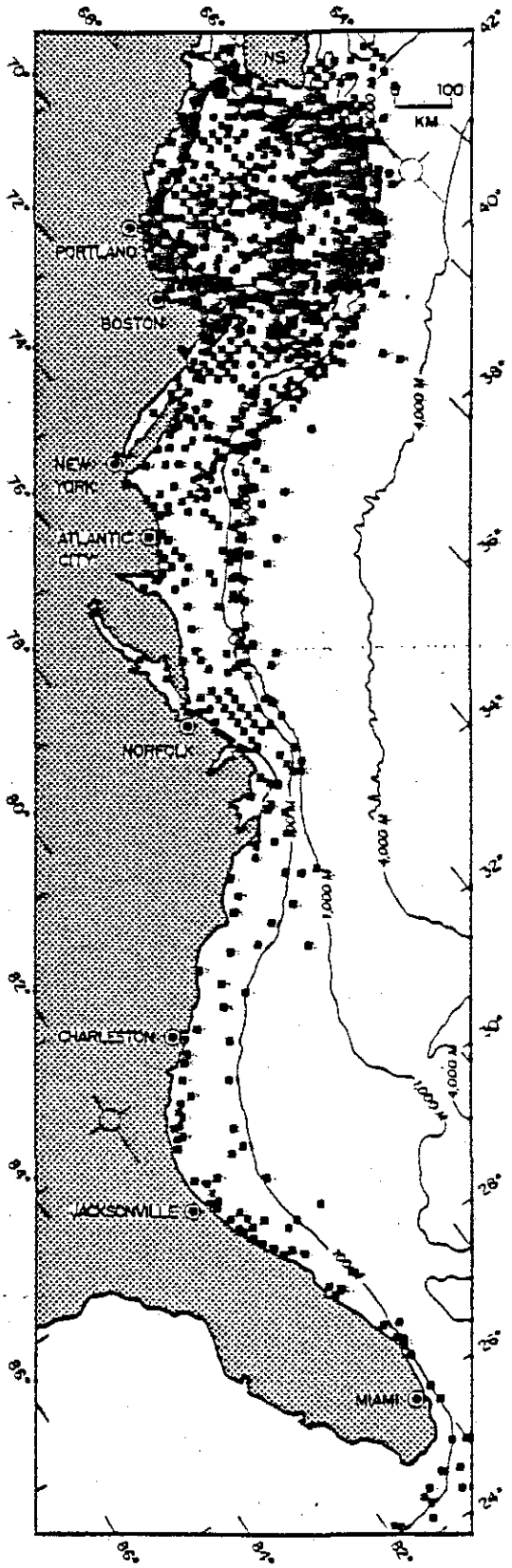

Figure 1. Chart showing the distribution of sampling sites off the U.S. east coast where specimens of gastropod mollusks were obtained.

Collection data for each taxon of gastropods in the NEFC Specimen Reference Collection are listed in the following tables. The position of each sampling site (latitude and longitude) was obtained by LORAN for all offshore stations and by dead reckoning for inshore locations. Water depth was obtained by sonic means offshore, by lead-line sounding in inshore areas, and from published navigation charts in areas where the other two methods were not employed. A sediment sample was routinely obtained, especially from samples taken by research vessels, and analyzed by the Woods Hole Oceanographic Institution or the U.S. Geological Survey. Information relating to those samples which received this treatment is contained in a report prepared by John C. Hathaway: DATA FILE, CONTINENTAL MARGIN PROGRAM, ATLANTIC COAST OF THE UNITED STATES, Vol. 2, Sample Collection and Analytical Data, Technical Report, Woods Hole Oceanographic Institution, Woods Hole, Massachusetts, Reference No. 71-15; February 1971. Sediment information herein included which does not appear in the above report was usually obtained at the time the sample was collected and was noted in the field log accompanying the sample. No attempt has been made to add sediment data from other sources (i.e., published charts or unpublished data) when not available from the two listed sources. Gastropods in the collection were associated with 29 sediment types, which are listed in Table 3 along with the number of samples obtained in each, and the percentage represented.

The gastropod portion of the NEFC mollusk collection is currently being accessioned into the collection of the Mollusk Department of the Museum of Comparative Zoology at Harvard University, Cambridge, Massachusetts. The majority of the collection will be maintained at the MCZ; however, at least one lot containing representative specimens of each taxon will be returned to NEFC to serve as a Specimen Reference Collection and will be maintained in the Gray Museum of the Marine Biological Laboratory at Woods Hole, Massachusetts.

Table 1. A summary of samples containing gastropod mollusks in the NEFC Specimen Reference Collection, listed by collecting vessel with its organizational affiliation at time of collection.

Vessel	Affiliation	Samples No.	Samples %
R/V *A. E. Verrill*	MBL[1]	2	0.1
R/V *Albatross III*	BCF	372	10.4
R/V *Albatross IV*	BCF/NMFS	1554	43.4
R/V *Asterias*	WHOI	98	2.7
R/V *Blueback*	BCF	33	0.9
R/V *Delaware I & II*	BCF/NMFS	509	14.2
R/V *Gilbert*	USGS	7	0.2
R/V *Gosnold*	WHOI	782	21.8
R/V *Harengus*	FRB	3	0.1
F/V *Shirley and Roland*	BCF	2	0.1
F/V *Silver Mink*	BCF	4	0.1
F/V *Whaling City*	BCF	5	0.1
Samples with no designated vessel		212	5.9
TOTAL		3583	100.0

1/ MBL = Marine Biological Laboratory, Woods Hole, Massachusetts
BCF = Bureau of Commercial Fisheries
NMFS = National Marine Fisheries Service
WHOI = Woods Hole Oceanographic Institution, Woods Hole, Massachusetts
USGS = U.S. Geological Survey
FRB = Fisheries Research Board of Canada

Table 2. A summary of samples containing gastropod mollusks in the Specimen Reference Collection, listed by type of sampling g

Sampling Gear	Samples No.	Samples %
BOTTOM GRABS		
Campbell	747	20.9
Dietz-LaFond	1	<0.1
Petersen	5	0.1
Smith-McIntyre	364	10.2
Van Veen	9	0.3
WHOI Miniature Van Veen	2	0.1
DREDGES		
Digby drag	133	3.7
Digby scoop	2	0.1
Hydraulic clam dredge	1	<0.1
MBL naturalist dredge	2	0.1
Quahog dredge	8	0.2
Scallop dredge	174	4.9
Rock dredge	10	0.3
WHOI chain bag dredge	8	0.2
WHOI pipe dredge	9	0.3
1-meter naturalist dredge	1251	34.9

Table 2. Continued.

Sampling Gear	Samples No.	Samples %
TRAWLS		
Beam trawl	1	<0.1
Dutch herring trawl	3	0.1
Isaac-Kidd trawl	1	<0.1
Otter trawl	427	11.9
6-foot seine	30	0.8
40-foot shrimp trawl	12	0.3
MISCELLANEOUS		
Bottom skimmer	10	0.3
Dip net	50	1.4
Diver (Scuba)	8	0.2
Fish stomachs	39	1.1
Ring net	127	3.5
1-meter sled	48	1.3
Other	64	1.8
Samples with no gear designation	37	1.0
TOTAL	3583	100.0

Table 3. A summary of samples containing gastropod mollusks in the Specimen Reference Collection, listed by sediment type.

Sediment Type	Samples No.	Samples %
Gravel	332	9.3
Sandy gravel	145	4.1
Muddy gravel	7	0.2
Silt gravel	3	0.1
Gravelly sand	150	4.2
Till	204	5.7
Sand-gravel	12	0.3
Sand	1041	29.0
Silty sand	177	4.9
Muddy sand	20	0.6
Clayey sand	21	0.6
Mud	15	0.4
Sand-silt	8	0.2
Sandy silt	62	1.7
Silt	41	1.1
Clayey silt	106	3.0
Sand-silt-clay	91	2.5
Sandy mud	8	0.2
Sandy clay	1	<0.1
Silty clay	98	2.7
Clay	18	0.5
Silt-clay or Clay-silt	72	2.0
Shell	43	1.2
Sandy shell	20	0.6
Shelly gravel	54	1.5
Shelly sand	105	2.9
Shelly silty-clay or Shell-silt-clay	5	0.1
Shelly sand gravel	5	0.1
Peat	2	0.1
Samples with no recorded sediment type	717	20.0
TOTAL	3583	100.0

COLLECTION DATA TABLES

In the following tables, the collection data are given separately for each species, or higher taxon, which are arranged alphabetically. Each species has a separate table number in the upper left hand corner and a consecutive page number in the upper right hand corner which refers exclusively to that table (i.e., there are three pages for Table 14, five pages for Table 18, etc.). Collection data in each table are listed chronologically.

Inasmuch as the tables were generated by a computer on print-out forms, some truncation of the longer bottom type names was, unfortunately, necessary to fit the confines of the report format. Following is a list of bottom types which had to be abbreviated and their correct designation:

Gravelly sand	=	Gravelly san
Silt-sand-gravel	=	Silt-sand-gr
Sand-silt-clay	=	Sand-silt-cl
Gravelly silt	=	Gravelly si
Gravelly shell	=	Gravelly she
Shelly gravel	=	Shelly grave
Shelly silty clay	=	SH SI C
Shelly sand gravel	=	SH SG
Shelly silty sand	=	SH SI S

TABLE 4

ACIRSA COSTULATA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
	5	3	FISH STOMACHS	06-29-54	42-04	66-17	84	
ALBATROSS III	70	11	DIGBY DRAG	12-08-55	41-37	66-38	80	SAND
ALBATROSS III	70	51	DIGBY DRAG	12-17-55	41-23	66-37	88	SAND
ALBATROSS IV	65-11	54	RING OR STRAMIN NET	08-24-65	43-10	66-40	114	GRAVEL

TOTAL SAMPLES 4

TABLE 5

ACLIS WALLERI

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	49	2141	CAMPBELL GRAB	08-17-64	39-42	70-29	2020	CLAYEY SILT
GOSNOLD	49	2185	CAMPBELL GRAB	08-26-64	40-17	67-28	1420	CLAYEY SILT

TOTAL SAMPLES 2

TABLE 6 **ACMAEA TESTUDINALIS** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
BLUEBACK		9503	1-METER SLED NET	11-02-61	41-28	70-45	3	

TOTAL SAMPLES 1

TABLE 7 ACOELA UNIDENT

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	74-7	19	OTTER TRAWL	07-12-74	39-07	72-10	1646	

TOTAL SAMPLES 1

TABLE 8

ACTEON HEBES

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	49	2117	CAMPBELL GRAB	08-14-64	38-16	72-29	2910	SILTY CLAY

TOTAL SAMPLES 1

TABLE 9

ACTEON SP

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	49	2165	CAMPBELL GRAB	08-20-64	39-09	68-09	3310	SILTY CLAY

TOTAL SAMPLES 1

TABLE 10 **AOMETE CONTABULATA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	28	1262	VAN VEEN BCF 0.2M2	10-04-63	39-50	71-15	643	SILTY SAND
GOSNOLD	49	2191	CAMPBELL GRAB	08-27-64	40-42	66-45	690	SILTY SAND
GOSNOLD	49	2196	CAMPBELL GRAB	08-28-64	41-04	66-24	720	SILTY SAND

TOTAL SAMPLES 3

TABLE 11 **ADMETE COUTHOUYI** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	59-9	71	1-METER NAT. DREDGE	08-07-59	43-03	65-30	128	GRAVEL
DELAWARE	59-9	71	1-METER NAT. DREDGE	08-07-59	43-03	65-30	128	GRAVEL
DELAWARE	61-10	18	1-METER NAT. DREDGE	06-22-61	43-00	66-45	212	
DELAWARE	61-10	48	1-METER NAT. DREDGE	06-24-61	43-11	66-31	92	SHELL
DELAWARE	61-10	89	SMITH MCINTYRE GRAB	06-27-61	43-50	68-31	137	SILTY CLAY
DELAWARE	61-10	89	1-METER NAT. DREDGE	06-27-61	43-50	68-31	137	SILTY CLAY
DELAWARE	61-10	104	SMITH MCINTYRE GRAB	06-28-61	44-00	68-15	101	SILTY CLAY
GOSNOLD	22	1147	CAMPBELL GRAB	08-09-63	42-50	64-00	116	GRAVEL
GOSNOLD	22	1160	CAMPBELL GRAB	08-10-63	43-29	66-15	82	GRAVEL
GOSNOLD	22	1170	CAMPBELL GRAB	08-11-63	44-40	66-29	187	SAND-SILT-C
GOSNOLD	29	1371	CAMPBELL GRAB	10-25-63	39-04	72-40	446	SAND
ALBATROSS IV	68-12	65	1-METER NAT. DREDGE	08-15-68	42-26	66-35	302	GRAVEL
ALBATROSS IV	68-12	168	DIGBY DRAG	08-19-68	44-00	68-08	73	SILTY SAND
ALBATROSS IV	68-12	172	1-METER NAT. DREDGE	08-19-68	43-56	68-34	88	SILT-CLAY
ALBATROSS IV	68-12	183	1-METER NAT. DREDGE	08-19-68	43-45	69-26	64	TILLOID
ALBATROSS IV	68-12	184	1-METER NAT. DREDGE	08-19-68	43-42	69-30	137	CLAYEY SILT
ALBATROSS IV	68-12	185	1-METER NAT. DREDGE	08-19-68	43-40	69-35	82	TILLOID

TOTAL SAMPLES 17

TABLE 12

ALVANIA BRYCHIA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	13	1061	CAMPBELL GRAB	05-10-63	40-11	68-30	507	SILTY CLAY
GOSNOLD	24	1234	CAMPBELL GRAB	08-31-63	43-11	65-00	168	CLAYEY SILT
GOSNOLD	28	1262	VAN VEEN BCF 0.2M2	10-04-63	39-50	71-15	643	SILTY SAND
GOSNOLD	29	1272	CAMPBELL GRAB	10-09-63	39-55	70-04	474	SILTY SAND
GOSNOLD	29	1325	CAMPBELL GRAB	10-14-63	39-20	72-09	450	SAND
GOSNOLD	29	1334	VAN VEEN BCF 0.2M2	10-15-63	39-11	72-15	930	CLAYEY SILT
GOSNOLD	29	1358	CAMPBELL GRAB	10-19-63	38-42	73-01	450	SILTY SAND
GOSNOLD	29	1367	CAMPBELL GRAB	10-20-63	38-31	73-15	455	SAND
GOSNOLD	29	1371	CAMPBELL GRAB	10-25-63	39-04	72-40	446	SAND
GOSNOLD	49	2069	CAMPBELL GRAB	08-06-64	36-00	74-43	915	CLAYEY SILT
GOSNOLD	49	2101	CAMPBELL GRAB	08-09-64	37-55	73-54	880	CLAYEY SILT
GOSNOLD	49	2101	CAMPBELL GRAB	08-09-64	37-55	73-54	880	CLAYEY SILT
GOSNOLD	49	2102	CAMPBELL GRAB	08-09-64	37-58	73-57	580	SANDY SILT
GOSNOLD	49	2107	CAMPBELL GRAB	08-12-64	38-12	73-37	870	CLAYEY SILT
GOSNOLD	49	2112	CAMPBELL GRAB	08-13-64	38-25	73-19	1060	SILTY CLAY
GOSNOLD	49	2122	CAMPBELL GRAB	08-15-64	39-11	72-22	635	CLAYEY SILT
GOSNOLD	49	2129	CAMPBELL GRAB	08-15-64	39-45	71-45	678	CLAYEY SILT
GOSNOLD	49	2131	CAMPBELL GRAB	08-16-64	39-50	71-25	740	CLAYEY SILT
GOSNOLD	49	2138	CAMPBELL GRAB	08-17-64	39-55	70-52	500	SANDY SILT
GOSNOLD	49	2139	CAMPBELL GRAB	08-17-64	39-56	70-26	440	SAND
GOSNOLD	49	2175	CAMPBELL GRAB	08-22-64	40-04	68-33	505	SAND
GOSNOLD	49	2177	CAMPBELL GRAB	08-22-64	40-02	68-56	505	SILTY SAND
GOSNOLD	49	2193	CAMPBELL GRAB	08-27-64	40-52	66-34	610	SILTY SAND
GOSNOLD	49	2196	CAMPBELL GRAB	08-28-64	41-04	66-24	720	SILTY SAND
GOSNOLD	49	2196	CAMPBELL GRAB	08-28-64	41-04	66-24	720	SILTY SAND
GOSNOLD	49	2196	CAMPBELL GRAB	08-28-64	41-04	66-24	720	SILTY SAND
GOSNOLD	49	2197	CAMPBELL GRAB	08-29-64	42-35	69-33	282	CLAY
GOSNOLD	51	2202	CAMPBELL GRAB	09-18-64	41-27	65-56	617	SAND
GOSNOLD	51	2203	CAMPBELL GRAB	09-18-64	41-35	65-43	1795	SAND-SILT-CL
GOSNOLD	51	2212	WHOI PIPE DREDGE	09-20-64	42-12	65-09	1119	

TABLE 13

ALVANIA HARPA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	59-9	88	1-METER NAT. DREDGE	08-08-59	42-32	65-39	95	GRAVEL

TOTAL SAMPLES 1

TABLE 14

ALVANIA PELAGICA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	70	23	1-METER SLED NET	12-12-55	42-10	68-38	183	SILT-CLAY
ALBATROSS III	70	24	1-METER SLED NET	12-12-55	41-54	68-18	183	SILT-CLAY
ALBATROSS III	70	25	1-METER SLED NET	12-12-55	42-12	67-56	230	SAND
ALBATROSS III	70	27	1-METER SLED NET	12-12-55	42-11	67-18	179	SAND
ALBATROSS III	70	41	DIGBY DRAG	12-15-55	42-10	68-16	196	SILT-CLAY
DELAWARE	59-9	5	SMITH MCINTYRE GRAB	08-05-59	42-00	69-27	205	SILTY CLAY
DELAWARE	59-9	6	SMITH MCINTYRE GRAB	08-05-59	42-00	69-21	211	SILTY CLAY
DELAWARE	59-9	8	SMITH MCINTYRE GRAB	08-05-59	42-01	69-07	201	SILTY CLAY
DELAWARE	59-9	25	SMITH MCINTYRE GRAB	08-06-59	42-05	67-48	189	SILTY SAND
DELAWARE	59-9	35	SMITH MCINTYRE GRAB	08-06-59	42-31	67-15	348	SAND-SILT-CL
DELAWARE	59-9	123	SMITH MCINTYRE GRAB	08-09-59	42-41	69-04	159	CLAYEY SAND
DELAWARE	59-9	129	1-METER NAT. DREDGE	08-09-59	42-41	69-45	247	SILTY CLAY
DELAWARE	60-12	29	OTTER TRAWL	11-08-60	41-44	68-27	192	
DELAWARE	60-12	97	OTTER TRAWL	11-19-60	41-55	69-39	168	
DELAWARE	61-10	1	SMITH MCINTYRE GRAB	06-20-61	42-49	70-30	121	CLAYEY SILT
DELAWARE	61-10	4	1-METER NAT. DREDGE	06-21-61	42-49	69-49	293	
DELAWARE	61-10	8	SMITH MCINTYRE GRAB	06-21-61	42-49	68-45	238	SILTY CLAY
DELAWARE	61-10	10	SMITH MCINTYRE GRAB	06-21-61	42-50	68-15	238	SILTY CLAY
DELAWARE	61-10	28	SMITH MCINTYRE GRAB	06-23-61	43-01	69-16	220	SILTY CLAY
DELAWARE	61-10	30	SMITH MCINTYRE GRAB	06-23-61	43-00	69-45	183	MUDDY GRAVEL
DELAWARE	61-10	32	SMITH MCINTYRE GRAB	06-23-61	43-00	70-15	201	SILTY CLAY
DELAWARE	61-10	33	SMITH MCINTYRE GRAB	06-23-61	43-10	70-15	150	CLAYEY SILT
DELAWARE	61-10	37	SMITH MCINTYRE GRAB	06-23-61	43-10	69-15	220	SILTY CLAY
DELAWARE	61-10	39	SMITH MCINTYRE GRAB	06-24-61	43-11	68-45	201	CLAYEY SILT
DELAWARE	61-10	45	SMITH MCINTYRE GRAB	06-24-61	43-10	67-15	203	SILTY SAND
DELAWARE	61-10	56	SMITH MCINTYRE GRAB	06-25-61	43-20	68-15	229	SILTY CLAY
DELAWARE	61-10	59	SMITH MCINTYRE GRAB	06-25-61	43-20	69-01	176	SILTY CLAY
DELAWARE	61-10	62	SMITH MCINTYRE GRAB	06-25-61	43-21	69-46	190	SILTY CLAY
DELAWARE	61-10	63	SMITH MCINTYRE GRAB	06-25-61	43-20	70-00	192	CLAYEY SILT
DELAWARE	61-10	64	SMITH MCINTYRE GRAB	06-25-61	43-30	69-45	156	SILTY CLAY
DELAWARE	61-10	66	SMITH MCINTYRE GRAB	06-25-61	43-30	69-15	174	SILTY CLAY
DELAWARE	61-10	74	SMITH MCINTYRE GRAB	06-26-61	43-30	67-15	238	SAND-SILT-CL
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TABLE 14 CONT'D

ALVANIA PELAGICA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	61-10	82	SMITH MCINTYRE GRAB	06-27-61	43-40	67-30	229	CLAYEY SILT
DELAWARE	61-10	83	SMITH MCINTYRE GRAB	06-27-61	43-41	67-46	238	CLAYEY SILT
DELAWARE	61-10	86	SMITH MCINTYRE GRAB	06-27-61	43-40	68-30	183	SILTY CLAY
DELAWARE	61-10	88	SMITH MCINTYRE GRAB	06-27-61	43-40	68-59	114	SILTY CLAY
DELAWARE	61-10	104	SMITH MCINTYRE GRAB	06-28-61	44-00	68-15	101	SILTY CLAY
DELAWARE	61-10	108	SMITH MCINTYRE GRAB	06-29-61	43-20	68-17	216	SILTY CLAY
DELAWARE	61-10	109	SMITH MCINTYRE GRAB	06-29-61	43-10	68-17	234	SILTY CLAY
DELAWARE	61-10	113	SMITH MCINTYRE GRAB	06-29-61	42-50	68-45	242	SILTY CLAY
DELAWARE	62-7	40	BOTTOM SKIMMER	06-17-62	40-20	70-46	106	SAND-SILT-C
GOSNOLD	12	1015	CAMPBELL GRAB	05-03-63	42-40	70-30	92	CLAYEY SILT
GOSNOLD	12	1015	CAMPBELL GRAB	05-03-63	42-40	70-30	92	CLAYEY SILT
GOSNOLD	12	1032	CAMPBELL GRAB	05-04-63	43-50	69-16	64	SILTY SAND
GOSNOLD	22	1115	CAMPBELL GRAB	08-06-63	40-30	67-46	124	SAND
GOSNOLD	22	1188	CAMPBELL GRAB	08-16-63	42-20	69-01	221	SILTY CLAY
GOSNOLD	22	1189	CAMPBELL GRAB	08-16-63	42-20	69-15	245	CLAY
GOSNOLD	22	1193	CAMPBELL GRAB	08-16-63	42-10	69-43	231	SILTY CLAY
GOSNOLD	22	1199	CAMPBELL GRAB	08-16-63	42-30	70-30	87	SANDY SILT
GOSNOLD	29	1335	CAMPBELL GRAB	10-15-63	39-10	72-30	406	SILTY SAND
GOSNOLD	29	1357	CAMPBELL GRAB	10-19-63	38-51	72-54	564	SANDY SILT
GOSNOLD	45	1504	CAMPBELL GRAB	05-22-64	30-15	81-20	12	SHELLY SAND
GOSNOLD	45	1560	CAMPBELL GRAB	05-26-64	25-55	80-03	235	SHELLY SAND
GOSNOLD	45	1561	CAMPBELL GRAB	05-28-64	25-40	80-03	253	SAND-SILT-CL
GOSNOLD	45	1595	CAMPBELL GRAB	06-02-64	24-55	80-04	496	SILTY SAND
GOSNOLD	45	1867	CAMPBELL GRAB	06-27-64	35-06	75-07	500	CLAYEY SILT
GOSNOLD	45	1881	CAMPBELL GRAB	06-27-64	37-05	74-44	170	SILTY SAND
GOSNOLD	49	2078	CAMPBELL GRAB	08-07-64	36-22	74-45	365	SAND-SILT-CL
GOSNOLD	49	2102	CAMPBELL GRAB	08-09-64	37-58	73-57	580	SANDY SILT
GOSNOLD	49	2123	CAMPBELL GRAB	08-15-64	39-15	72-14	650	SAND-SILT-CL
GOSNOLD	49	2131	CAMPBELL GRAB	08-16-64	39-50	71-25	740	CLAYEY SILT
ASTERIAS	64-2	1906	SMITH MCINTYRE GRAB	07-09-64	44-19	68-31	45	SILTY CLAY
ALBATROSS IV	65-11	6	RING OR STRAMIN NET	08-18-65	40-29	70-59	77	SILT-CLAY
ALBATROSS IV	65-11	11	RING OR STRAMIN NET	08-19-65	39-58	71-00	458	SILT
ALBATROSS IV	65-11	31	RING OR STRAMIN NET	08-21-65	40-12	69-08	114	SAND

TABLE 14 CONT'D

ALVANIA PELAGICA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	65-11	40	RING OR STRAMIN NET	08-22-65	40-30	67-42	421	SAND
ALBATROSS IV	65-11	60	RING OR STRAMIN NET	08-25-65	42-36	68-28	220	CLAY
ALBATROSS IV	65-11	62	RING OR STRAMIN NET	08-25-65	42-28	69-02	220	CLAY

TOTAL SAMPLES 69

TABLE 15

ALVANIA PSEUDOAREOLATA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		5		02-28-54	41-45	66-35	68	
ALBATROSS III	101	123	SMITH MCINTYRE GRAB	08-26-57	42-07	66-20	106	GRAVELLY SAN
ALBATROSS III	101	157	SMITH MCINTYRE GRAB	08-27-57	41-57	66-21	79	GRAVEL
ALBATROSS III	101	171	SMITH MCINTYRE GRAB	08-28-57	40-54	66-46	103	SHELLY SAND
DELAWARE	59-9	54	SMITH MCINTYRE GRAB	08-07-59	43-04	66-04	110	GRAVEL
DELAWARE	59-9	62	1-METER NAT. DREDGE	08-07-59	42-25	66-05	249	GRAVEL
DELAWARE	59-9	88	RING OR STRAMIN NET	08-08-59	42-32	65-39	95	GRAVEL
DELAWARE	59-9	132	1-METER NAT. DREDGE	08-10-59	42-41	70-05	114	GRAVEL
DELAWARE	61-10	47	SMITH MCINTYRE GRAB	06-24-61	43-10	66-45	165	SHELL
DELAWARE	61-10	48	SMITH MCINTYRE GRAB	06-24-61	43-11	66-31	92	SHELL
GOSNOLD	22	1131	CAMPBELL GRAB	08-08-63	42-28	66-32	82	GRAVELLY SA
GOSNOLD	22	1191	CAMPBELL GRAB	08-16-63	42-18	69-30	235	CLAY
GOSNOLD	29	1364	CAMPBELL GRAB	10-19-63	38-31	73-31	79	SAND
GOSNOLD	49	2192	CAMPBELL GRAB	08-27-64	40-45	66-35	1715	CLAYEY SILT
GOSNOLD	51	2203	CAMPBELL GRAB	09-18-64	41-35	65-43	1795	SAND-SILT-CL

TOTAL SAMPLES 15

TABLE 16

ALVANIA SP

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	101	198	SMITH MCINTYRE GRAB	08-29-57	41-00	69-15	60	GRAVELLY SAN
GOSNOLD	51	2209	WHOI PIPE DREDGE	09-19-64	41-54	65-17	1845	CLAYEY SILT

TOTAL SAMPLES 2

TABLE 17

ANACHIS AVARA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		9301	DIP NET	09-14-54	41-31	70-41	1	
ALBATROSS III	70	55	DIGBY DRAG	12-10-55	41-09	68-56	90	SAND
		9313	DIP NET	09-04-61	41-33	70-32	1	SAND
BLUEBACK		9503	1-METER SLED NET	11-02-61	41-28	70-45	3	
ASTERIAS	65-1	2276	SMITH MCINTYRE GRAB	05-24-65	31-24	81-18	8	CLAYEY SAND
ALBATROSS IV	68-12	18	1-METER NAT. DREDGE	08-13-68	40-54	69-44	37	SAND
		9302		07-04-69	41-31	70-39	0	

TOTAL SAMPLES 7

TABLE 18

ANACHIS HALIAECTI

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		12		07-19-53	42-07	66-30	91	
		12		07-19-53	42-07	66-30	91	
		18		12-21-53	42-12	68-03	238	
ALBATROSS III	53	26	OTTER TRAWL	08-18-53	41-20	66-05	412	
		3		07-19-54	42-07	66-30	90	
	7	24	FISH STOMACHS	08-22-54	44-16	67-02	60	
ALBATROSS III	60	1	FISH STOMACHS	04-19-55	42-42	70-09	115	
ALBATROSS III	70	29	DIGBY DRAG	12-13-55	42-10	66-36	179	SAND
ALBATROSS III	70	29	DIGBY SCOOP	12-13-55	42-10	66-36	179	SAND
ALBATROSS III	70	34	1-METER SLED NET	12-13-55	42-10	66-18	198	GRAVEL
ALBATROSS III	70	41	DIGBY DRAG	12-15-55	42-10	68-16	196	SILT-CLAY
ALBATROSS III	70	41	DIGBY DRAG	12-15-55	42-10	68-16	196	SILT-CLAY
DELAWARE	55-2	8	FISH STOMACHS	01-24-55	41-08	66-26	128	
ALBATROSS III	80	3	DIGBY DRAG	08-13-56	41-54	65-57	108	SAND
ALBATROSS III	80	4	DIGBY DRAG	08-14-56	42-09	66-52	102	GRAVELLY SAN
ALBATROSS III	80	4	DIGBY DRAG	08-14-56	42-09	66-52	102	GRAVELLY SAN
ALBATROSS III	80	4	DIGBY DRAG	08-14-56	42-09	66-52	102	GRAVELLY SAN
ALBATROSS III	80	4	1-METER SLED NET	08-14-56	42-09	66-52	102	GRAVELLY SAN
ALBATROSS III	80	4	DIGBY DRAG	08-14-56	42-09	66-52	102	GRAVELLY SAN
ALBATROSS III	101	2	SMITH MCINTYRE GRAB	08-21-57	41-40	69-42	81	SAND
ALBATROSS III	101	13	SMITH MCINTYRE GRAB	08-22-57	41-39	69-06	159	SAND
ALBATROSS III	101	104	SMITH MCINTYRE GRAB	08-25-57	42-10	67-10	62	SANDY GRAVEL
ALBATROSS III	101	116	SMITH MCINTYRE GRAB	08-25-57	42-20	66-45	333	SAND
ALBATROSS III	101	123	SMITH MCINTYRE GRAB	08-26-57	42-07	66-20	106	GRAVELLY SAN
ALBATROSS III	118	28	OTTER TRAWL	09-27-58	42-59	66-35	124	
ALBATROSS III	119	57	OTTER TRAWL	10-13-58	41-53	68-33	174	
ALBATROSS III	122	2	1-METER NAT. DREDGE	11-17-58	42-14	70-04	97	GRAVEL
ALBATROSS III	122	3	1-METER NAT. DREDGE	11-17-58	42-16	70-00	104	GRAVEL
ALBATROSS III	122	3	1-METER NAT. DREDGE	11-18-58	42-16	70-00	106	MUDDY SAND
ALBATROSS III	122	17	1-METER NAT. DREDGE	11-19-58	42-03	69-56	80	GRAVEL
ALBATROSS III	122	18	1-METER NAT. DREDGE	11-19-58	42-06	69-58	99	GRAVEL
ALBATROSS III	124	2	1-METER SLED NET	12-16-58	41-24	70-46	26	SHELL
ALBATROSS III	124	5	SMITH MCINTYRE GRAB	12-17-58	41-28	70-49	24	SANDY GRAVEL

ALBATROSS III 122 18 1-METER NAT. DREDGE 12-16-58 41-24 70-46
ALBATROSS III 122 2 1-METER SLED NET 12-16-58 41-24 70-46

TABLE 18 CONT'D

ANACHIS HALIAECTI

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	59-9	2	SMITH MCINTYRE GRAB	08-05-59	42-00	69-47	139	SAND
DELAWARE	59-9	2	SMITH MCINTYRE GRAB	08-05-59	42-00	69-47	139	SAND
DELAWARE	59-9	9	SMITH MCINTYRE GRAB	08-05-59	42-00	69-00	135	SAND
DELAWARE	59-9	12	SMITH MCINTYRE GRAB	08-05-59	42-00	68-40	165	CLAYEY SAND
DELAWARE	59-9	16	SMITH MCINTYRE GRAB	08-05-59	41-56	68-15	188	TILLOID
DELAWARE	59-9	62	1-METER NAT. DREDGE	08-07-59	42-25	66-05	249	GRAVEL
DELAWARE	59-9	126	1-METER NAT. DREDGE	08-09-59	42-41	69-25	231	SILTY CLAY
DELAWARE	59-9	132	1-METER NAT. DREDGE	08-10-59	42-41	70-05	114	GRAVEL
DELAWARE	59-9	147	SMITH MCINTYRE GRAB	08-10-59	42-30	69-04	205	SAND-SILT-C'
		9408	DIP NET	02-13-60	41-37	70-38	1	
DELAWARE	60-12	68	OTTER TRAWL	11-12-60	42-07	65-31	182	
DELAWARE	60-12	90	OTTER TRAWL	11-18-60	42-30	68-10	166	
		9301	MISC. GEAR	12-18-61	41-31	70-41	0	
DELAWARE	61-10	2	1-METER NAT. DREDGE	06-20-61	42-50	70-15	70	
DELAWARE	61-10	14	1-METER NAT. DREDGE	06-22-61	42-50	67-15	293	CLAYEY SAND
DELAWARE	61-10	16	SMITH MCINTYRE GRAB	06-22-61	42-50	66-45	253	TILLOID
DELAWARE	61-10	16	1-METER NAT. DREDGE	06-22-61	42-50	66-45	253	TILLOID
DELAWARE	61-10	18	1-METER NAT. DREDGE	06-22-61	43-00	66-45	212	
DELAWARE	61-10	22	1-METER NAT. DREDGE	06-22-61	43-00	67-45	141	TILLOID
DELAWARE	61-10	24	1-METER NAT. DREDGE	06-22-61	43-00	68-15	220	SILTY CLAY
DELAWARE	61-10	25	SMITH MCINTYRE GRAB	06-22-61	43-00	68-30	201	SANDY MUD
DELAWARE	61-10	26	1-METER NAT. DREDGE	06-23-61	43-01	68-45	189	GRAVEL
DELAWARE	61-10	34	1-METER NAT. DREDGE	06-23-61	43-09	70-00	121	
DELAWARE	61-10	36	1-METER NAT. DREDGE	06-23-61	43-10	69-30	156	TILLOID
DELAWARE	61-10	44	1-METER NAT. DREDGE	06-24-61	43-10	67-30	211	TILLOID
DELAWARE	61-10	47	SMITH MCINTYRE GRAB	06-24-61	43-10	66-45	165	SHELL
DELAWARE	61-10	48	1-METER NAT. DREDGE	06-24-61	43-11	66-31	92	SHELL
DELAWARE	61-10	50	DIETZ LAFOND SAMPLER	06-24-61	43-20	66-56	0	
DELAWARE	61-10	54	SMITH MCINTYRE GRAB	06-25-61	43-19	67-45	242	SILTY SAND
DELAWARE	61-10	54	1-METER NAT. DREDGE	06-25-61	43-19	67-45	242	SILTY SAND
DELAWARE	61-10	68	1-METER NAT. DREDGE	06-26-61	43-30	68-45	114	GRAVEL
DELAWARE	61-10	70	1-METER NAT. DREDGE	06-26-61	43-30	68-15	174	SAND-SILT-CL
DELAWARE	61-10	72	SMITH MCINTYRE GRAB	06-26-61	43-30	67-45	265	SAND-SILT-CL

TABLE 18 CONT'D

ANACHIS HALIAECTI

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	61-10	76	1-METER NAT. DREDGE	06-26-61	43-31	66-46	156	GRAVEL
DELAWARE	61-10	80	1-METER NAT. DREDGE	06-26-61	43-40	67-00	187	
DELAWARE	61-10	95	1-METER NAT. DREDGE	06-28-61	43-50	67-00	183	TILLOID
DELAWARE	61-10	99	1-METER NAT. DREDGE	06-28-61	44-00	67-00	119	GRAVEL
DELAWARE	61-10	103	1-METER NAT. DREDGE	06-28-61	44-00	68-00	165	CLAYEY SILT
DELAWARE	61-10	107	SMITH MCINTYRE GRAB	06-29-61	43-29	68-16	183	SAND-SILT-CL
DELAWARE	61-10	107	SMITH MCINTYRE GRAB	06-29-61	43-29	68-16	183	SAND-SILT-CL
		9301	OTTER TRAWL	07-09-62	41-31	70-41	3	
GOSNOLD	13	1061	CAMPBELL GRAB	05-10-63	40-11	68-30	507	SILTY CLAY
GOSNOLD	13	1074	CAMPBELL GRAB	05-12-63	39-43	71-53	225	SAND
GOSNOLD	22	1134	CAMPBELL GRAB	08-08-63	42-31	66-18	242	SANDY GRAVEL
GOSNOLD	22	1134	CAMPBELL GRAB	08-08-63	42-31	66-18	242	SANDY GRAVEL
GOSNOLD	22	1167	CAMPBELL GRAB	08-10-63	44-30	66-30	157	SANDY GRAVEL
GOSNOLD	22	1167	CAMPBELL GRAB	08-10-63	44-30	66-30	157	SANDY GRAVEL
GOSNOLD	24	1214	CAMPBELL GRAB	08-24-63	41-39	69-16	183	SAND-SILT-CL
GOSNOLD	24	1224	CAMPBELL GRAB	08-30-63	42-54	67-01	220	TILLOID
GOSNOLD	29	1335	CAMPBELL GRAB	10-15-63	39-10	72-30	406	SILTY SAND
GOSNOLD	29	1371	CAMPBELL GRAB	10-25-63	39-04	72-40	446	SAND
ALBATROSS IV	63-7	33	OTTER TRAWL	11-18-63	42-52	68-24	174	
GOSNOLD	49	2092	CAMPBELL GRAB	08-08-64	37-30	74-19	505	SILTY SAND
GOSNOLD	49	2101	CAMPBELL GRAB	08-09-64	37-55	73-54	880	CLAYEY SILT
GOSNOLD	49	2101	CAMPBELL GRAB	08-09-64	37-55	73-54	880	CLAYEY SILT
GOSNOLD	49	2138	CAMPBELL GRAB	08-17-64	39-55	70-52	500	SANDY SILT
GOSNOLD	49	2191	CAMPBELL GRAB	08-27-64	40-42	66-45	690	SILTY SAND
GOSNOLD	49	2193	CAMPBELL GRAB	08-27-64	40-52	66-34	610	SILTY SAND
GOSNOLD	49	2193	CAMPBELL GRAB	08-27-64	40-52	66-34	610	SILTY SAND
GOSNOLD	51	2202	CAMPBELL GRAB	09-18-64	41-27	65-56	617	SAND
GOSNOLD	51	2211	WHOI PIPE DREDGE	09-20-64	42-02	65-12	1536	CLAYEY SILT
GOSNOLD	51	2212	WHOI PIPE DREDGE	09-20-64	42-12	65-09	1119	
ALBATROSS IV	64-6	5	OTTER TRAWL	05-03-64	41-54	68-04	128	
ALBATROSS IV	64-10	121	OTTER TRAWL	08-16-64	43-01	69-04	165	
ALBATROSS IV	65-11	11	SMITH MCINTYRE GRAB	08-19-65	39-58	71-00	458	SILT
ALBATROSS IV	[illegible]	11	SMITH MCINTYRE GRAB	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TABLE 18 CONT'D

ANACHIS HALIAECTI

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	65-11	49	RING OR STRAMIN NET	08-23-65	42-06	66-20	95	GRAVEL
ALBATROSS IV	65-11	49	1-METER NAT. DREDGE	08-23-65	42-06	66-20	95	GRAVEL
ALBATROSS IV	65-11	51	SMITH MCINTYRE GRAB	08-23-65	42-24	67-05	329	GRAVELLY SAN
ALBATROSS IV	65-11	51	SMITH MCINTYRE GRAB	08-23-65	42-24	67-05	329	GRAVELLY SAN
ALBATROSS IV	65-11	54	RING OR STRAMIN NET	08-24-65	43-10	66-40	114	GRAVEL
ALBATROSS IV	65-11	55	SMITH MCINTYRE GRAB	08-24-65	43-08	67-05	174	SAND
ALBATROSS IV	65-11	56	1-METER NAT. DREDGE	08-24-65	43-10	67-30	188	SAND
ALBATROSS IV	65-11	56	1-METER NAT. DREDGE	08-24-65	43-10	67-30	188	SAND
ALBATROSS IV	65-11	57	RING OR STRAMIN NET	08-24-65	42-40	67-30	201	GRAVELLY SA
ALBATROSS IV	65-11	57	1-METER NAT. DREDGE	08-24-65	42-40	67-30	201	GRAVELLY SA
ALBATROSS IV	65-11	59	1-METER NAT. DREDGE	08-25-65	42-30	68-10	156	SAND
ALBATROSS IV	65-11	59	1-METER NAT. DREDGE	08-25-65	42-30	68-10	156	SAND
ALBATROSS IV	65-11	61	RING OR STRAMIN NET	08-25-65	42-38	68-49	166	SILT-CLAY
ALBATROSS IV	65-11	61	SCALLOP DREDGE	08-25-65	42-38	68-49	166	SILT-CLAY
ALBATROSS IV	65-11	67	1-METER NAT. DREDGE	08-26-65	42-59	70-02	55	TILLOID
ALBATROSS IV	65-11	68	RING OR STRAMIN NET	08-26-65	42-52	70-20	55	CLAY
ALBATROSS IV	65-11	69	RING OR STRAMIN NET	08-26-65	42-38	70-11	77	SAND
ALBATROSS IV	65-11	69	1-METER NAT. DREDGE	08-26-65	42-38	70-11	77	SAND
ALBATROSS IV	65-11	69	1-METER NAT. DREDGE	08-26-65	42-38	70-11	77	SAND
ALBATROSS IV	66-9	1004	1-METER NAT. DREDGE	07-15-66	42-11	65-50	247	GRAVEL
ALBATROSS IV	66-9	1005	1-METER NAT. DREDGE	07-16-66	42-13	65-42	229	GRAVEL
ALBATROSS IV	68-12	61	RING OR STRAMIN NET	08-14-68	42-26	67-02	366	TILLOID
ALBATROSS IV	68-12	64	1-METER NAT. DREDGE	08-15-68	42-27	66-42	329	TILLOID
ALBATROSS IV	68-12	65	1-METER NAT. DREDGE	08-15-68	42-26	66-35	302	GRAVEL
ALBATROSS IV	68-12	69	1-METER NAT. DREDGE	08-15-68	42-27	66-08	247	GRAVEL
ALBATROSS IV	68-12	74	1-METER NAT. DREDGE	08-15-68	42-11	65-56	229	GRAVEL
ALBATROSS IV	68-12	92	1-METER NAT. DREDGE	08-16-68	42-36	65-52	88	SANDY GRAVEL
ALBATROSS IV	68-12	97	1-METER NAT. DREDGE	08-16-68	42-54	66-16	143	GRAVEL
ALBATROSS IV	68-12	117	1-METER NAT. DREDGE	08-17-68	43-07	66-42	128	GRAVEL
ALBATROSS IV	68-12	144	1-METER NAT. DREDGE	08-18-68	44-25	66-40	128	SHELLY GRAVE
ALBATROSS IV	68-12	168	DIGBY DRAG	08-19-68	44-00	68-08	73	SILTY SAND
ALBATROSS IV	68-12	204	1-METER NAT. DREDGE	08-20-68	43-11	70-01	73	GRAVEL
ALBATROSS IV	68-12	219	1-METER NAT. DREDGE	08-21-68	42-45	69-50	238	TILLOID

TABLE 18 CONT'D

ANACHIS HALIAECTI

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	68-12	222	1-METER NAT. DREDGE	08-21-68	42-40	70-08	95	TILLOID
ALBATROSS IV	68-12	223	1-METER NAT. DREDGE	08-21-68	42-40	70-16	48	GRAVEL

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TABLE 19

ANACHIS OBESA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	45	1534	CAMPBELL GRAB	05-24-64	28-10	80-01	72	SANDY SHELL
ASTERIAS	64-2	1989	SMITH MCINTYRE GRAB	08-01-64	37-36	76-20	21	CLAYEY SILT
ASTERIAS	64-2	1993	SMITH MCINTYRE GRAB	08-02-64	37-06	76-08	13	SANDY SILT

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TABLE 20

ANACHIS TRANSLIRATA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		9301		01-25-55	41-31	70-41	0	
ALBATROSS III	70	1	1-METER SLED NET	12-06-55	40-50	69-39	37	SAND
ALBATROSS III	70	4	DIGBY DRAG	12-07-55	41-06	68-38	48	SAND
ALBATROSS III	70	38	DIGBY DRAG	12-14-55	41-40	67-36	51	GRAVEL
ALBATROSS III	70	38	DIGBY DRAG	12-14-55	41-40	67-36	51	GRAVEL
		2	MISC. GEAR	08-27-58	41-30	70-15	16	
ALBATROSS III	119	64	OTTER TRAWL	10-14-58	41-39	67-40	35	
ALBATROSS III	124	2	1-METER SLED NET	12-16-58	41-25	70-46	26	SHELL
ALBATROSS III	124	2	1-METER SLED NET	12-16-58	41-28	70-43	22	
ALBATROSS III	124	5	1-METER NAT. DREDGE	12-17-58	41-25	70-45	24	
ALBATROSS III	124	6	1-METER NAT. DREDGE	12-17-58	41-27	70-54	15	
GILBERT	1	1	DIVING PERSON-SCUBA	06-25-59	41-20	71-06	30	GRAVEL
		9311	6 FOOT SEINE	09-18-60	41-33	70-33	1	SAND-GRAVEL
		9407	6 FOOT SEINE	02-13-60	41-35	70-39	1	
		9407	OIP NET	05-25-60	41-35	70-38	1	
BLUEBACK		9503	1-METER SLED NET	11-02-61	41-28	70-45	3	
BLUEBACK		9503	1-METER SLED NET	11-02-61	41-28	70-45	3	
		9311	MISC. GEAR	08-02-62	41-33	70-33	1	
		9311	MISC. GEAR	08-02-62	41-33	70-33	1	
BLUEBACK	62-2	1	VAN VEEN BCF 0.2M2	08-03-62	41-28	70-38	3	SILTY SAND
GOSNOLD	10	1001	CAMPBELL GRAB	04-26-63	41-28	70-46	20	GRAVELLY SAN
GOSNOLD	11	1007	CAMPBELL GRAB	04-30-63	41-27	70-42	37	SANDY GRAVEL
GOSNOLD	11	1008	CAMPBELL GRAB	04-30-63	41-22	70-48	26	SAND
ASTERIAS	64-2	1935	SMITH MCINTYRE GRAB	07-20-64	41-29	71-25	13	SHELL
ASTERIAS	65-1	2274	SMITH MCINTYRE GRAB	05-23-65	31-32	81-11	12	SHELLY SAND
ALBATROSS IV	68-12	1	1-METER NAT. DREDGE	08-12-68	41-28	70-28	16	SAND
ALBATROSS IV	68-12	1	1-METER NAT. DREDGE	08-12-68	41-28	70-28	16	SAND
ALBATROSS IV	68-12	1	1-METER NAT. DREDGE	08-12-68	41-28	70-28	16	SAND

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TABLE 21 APORRHAIS OCCIDENTALIS PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	47	1	OTTER TRAWL	04-12-53	41-26	66-43	77	
ALBATROSS III	47	3	OTTER TRAWL	04-18-53	42-38	69-50	201	
ALBATROSS III	47	3	OTTER TRAWL	04-19-53	42-43	70-07	110	
ALBATROSS III	101	131	SMITH MCINTYRE GRAB	08-26-57	41-29	66-21	92	SAND
ALBATROSS III	122	2	1-METER NAT. DREDGE	11-17-58	42-14	70-04	97	GRAVEL
ALBATROSS III	122	2	1-METER NAT. DREDGE	11-17-58	42-14	70-04	97	GRAVEL
ALBATROSS III	122	2	1-METER NAT. DREDGE	11-17-58	42-14	70-04	106	GRAVEL
ALBATROSS III	122	9	1-METER NAT. DREDGE	11-18-58	42-22	69-57	216	CLAY
ALBATROSS III	122	10	1-METER NAT. DREDGE	11-19-58	42-23	69-53	229	CLAY
ALBATROSS III	122	13	1-METER NAT. DREDGE	11-19-58	42-08	69-54	172	SH SI C
ALBATROSS III	122	13	1-METER NAT. DREDGE	11-19-58	42-07	69-53	163	SH SI C
ALBATROSS III	122	14	1-METER NAT. DREDGE	11-19-58	42-05	69-50	174	SILTY CLAY
ALBATROSS III	122	15	1-METER NAT. DREDGE	11-19-58	42-02	69-48	161	SH SI C
ALBATROSS III	122	19	1-METER NAT. DREDGE	11-20-58	42-10	70-01	128	SHELLY SAND
DELAWARE	59-9	83	1-METER NAT. DREDGE	08-08-59	42-11	65-30	121	SANDY GRAVEL
DELAWARE	59-9	132	1-METER NAT. DREDGE	08-10-59	42-41	70-05	114	GRAVEL
WHALING CITY	214	1	SCALLOP DREDGE	06-03-59	41-26	66-33	88	
WHALING CITY	214	1	SCALLOP DREDGE	06-03-59	41-26	66-33	88	
DELAWARE	61-10	7	1-METER NAT. DREDGE	06-21-61	42-50	69-00	187	SAND-SILT-CL
DELAWARE	61-10	16	1-METER NAT. DREDGE	06-22-61	42-50	66-45	253	TILLOID
DELAWARE	61-10	18	1-METER NAT. DREDGE	06-22-61	43-00	66-45	212	
DELAWARE	61-10	22	1-METER NAT. DREDGE	06-22-61	43-00	67-45	141	TILLOID
DELAWARE	61-10	24	1-METER NAT. DREDGE	06-22-61	43-00	68-15	220	SILTY CLAY
DELAWARE	61-10	27	SMITH MCINTYRE GRAB	06-23-61	43-01	68-59	176	SANDY MUD
DELAWARE	61-10	30	1-METER NAT. DREDGE	06-23-61	43-00	69-45	183	MUDDY GRAVEL
DELAWARE	61-10	38	1-METER NAT. DREDGE	06-23-61	43-10	69-00	174	CLAYEY SAND
DELAWARE	61-10	44	1-METER NAT. DREDGE	06-24-61	43-10	67-30	211	TILLOID
DELAWARE	61-10	46	1-METER NAT. DREDGE	06-24-61	43-10	67-00	211	SAND
DELAWARE	61-10	54	1-METER NAT. DREDGE	06-25-61	43-19	67-45	242	SILTY SAND
DELAWARE	61-10	54	1-METER NAT. DREDGE	06-25-61	43-19	67-45	242	SILTY SAND
DELAWARE	61-10	54	1-METER NAT. DREDGE	06-25-61	43-19	67-45	242	SILTY SAND
DELAWARE	61-10	58	1-METER NAT. DREDGE	06-25-61	43-20	68-45	119	MUDDY SAND
DELAWARE	61-10	68	1-METER NAT. DREDGE	06-26-61	43-30	68-45	114	GRAVEL

TABLE 21 CONT'D

APORRHAIS OCCIDENTALIS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	61-10	70	1-METER NAT. DREDGE	06-26-61	43-30	68-15	174	SAND-SILT-CL
DELAWARE	61-10	76	1-METER NAT. DREDGE	06-26-61	43-31	66-46	156	GRAVEL
DELAWARE	61-10	76	1-METER NAT. DREDGE	06-26-61	43-31	66-46	156	GRAVEL
DELAWARE	61-10	78	1-METER NAT. DREDGE	06-26-61	43-40	66-30	95	
DELAWARE	61-10	80	1-METER NAT. DREDGE	06-26-61	43-40	67-00	187	
DELAWARE	61-10	80	1-METER NAT. DREDGE	06-26-61	43-40	67-00	187	
DELAWARE	61-10	83	SMITH MCINTYRE GRAB	06-27-61	43-41	67-46	238	CLAYEY SILT
DELAWARE	61-10	91	1-METER NAT. DREDGE	06-27-61	43-50	68-00	220	SILTY CLAY
DELAWARE	61-10	93	1-METER NAT. DREDGE	06-28-61	43-50	67-30	214	TILLOID
DELAWARE	61-10	95	1-METER NAT. DREDGE	06-28-61	43-50	67-00	183	TILLOID
DELAWARE	61-10	97	SMITH MCINTYRE GRAB	06-28-61	44-00	66-30	119	SHELLY GRAVE
DELAWARE	61-10	99	1-METER NAT. DREDGE	06-28-61	44-00	67-00	119	GRAVEL
DELAWARE	61-10	107	SMITH MCINTYRE GRAB	06-29-61	43-29	68-16	183	SAND-SILT-CL
DELAWARE	61-10	107	SMITH MCINTYRE GRAB	06-29-61	43-29	68-16	183	SAND-SILT-CL
DELAWARE	61-7	67	SCALLOP DREDGE	05-06-61	41-45	66-14	91	
DELAWARE	62-12	16	OTTER TRAWL	10-11-62	42-51	69-13	141	
GOSNOLD	12	1047	CAMPBELL GRAB	05-06-63	42-30	68-16	202	SANDY MUD
GOSNOLD	22	1140	CAMPBELL GRAB	08-09-63	42-41	65-02	109	SAND
ALBATROSS IV	63-5	44	OTTER TRAWL	07-23-63	42-34	65-58	139	
ALBATROSS IV	63-7	36	OTTER TRAWL	11-18-63	42-20	67-51	192	
ALBATROSS IV	63-7	76	OTTER TRAWL	11-23-63	42-38	65-12	91	
GOSNOLD	49	2182	CAMPBELL GRAB	08-26-64	40-22	67-30	465	SILTY SAND
GOSNOLD	49	2193	CAMPBELL GRAB	08-27-64	40-52	66-34	610	SILTY SAND
GOSNOLD	51	2202	CAMPBELL GRAB	09-18-64	41-27	65-56	617	SAND
ALBATROSS IV	64-13	25	OTTER TRAWL	11-13-64	43-13	68-35	176	SILT-CLAY
ALBATROSS IV	64-13	37	OTTER TRAWL	11-14-64	44-34	66-15	119	GRAVEL
ALBATROSS IV	64-13	45	OTTER TRAWL	11-16-64	43-09	67-46	183	GRAVEL
ALBATROSS IV	64-1	44	OTTER TRAWL	01-23-64	43-58	66-56	161	
ALBATROSS IV	64-6	4	OTTER TRAWL	05-02-64	42-13	67-39	210	
ALBATROSS IV	64-6	4	OTTER TRAWL	05-02-64	42-13	67-40	208	
ALBATROSS IV	64-10	130	OTTER TRAWL	08-17-64	43-38	69-36	86	
ALBATROSS IV	64-10	139	OTTER TRAWL	08-18-64	42-43	67-50	174	

TABLE 21 CONT'D

APORRHAIS OCCIDENTALIS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	65-6	118	SCALLOP DREDGE	05-10-65	41-28	66-36	88	
ALBATROSS IV	65-6	123	SCALLOP DREDGE	05-10-65	41-35	66-38	82	
ALBATROSS IV	65-6	136	SCALLOP DREDGE	05-11-65	41-18	66-33	90	
ALBATROSS IV	65-11	40	1-METER NAT. DREDGE	08-22-65	40-30	67-42	421	SAND
ALBATROSS IV	65-11	40	1-METER NAT. DREDGE	08-22-65	40-30	67-42	421	SAND
ALBATROSS IV	65-11	56	1-METER NAT. DREDGE	08-24-65	43-10	67-30	188	SAND
ALBATROSS IV	65-11	56	1-METER NAT. DREDGE	08-24-65	43-10	67-30	188	SAND
ALBATROSS IV	65-11	56	1-METER NAT. DREDGE	08-24-65	43-10	67-30	188	SAND
ALBATROSS IV	65-11	57	1-METER NAT. DREDGE	08-24-65	42-40	67-30	201	GRAVELLY SA
ALBATROSS IV	65-11	59	1-METER NAT. DREDGE	08-25-65	42-30	68-10	156	SAND
ALBATROSS IV	66-1	114	OTTER TRAWL	02-15-66	42-58	64-01	93	
ALBATROSS IV	66-9	1004	1-METER NAT. DREDGE	07-15-66	42-11	65-50	247	GRAVEL
ALBATROSS IV	67-6	2	1-METER NAT. DREDGE	04-05-67	40-54	67-30	75	SILTY SAND
ALBATROSS IV	67-6	3	1-METER NAT. DREDGE	04-06-67	40-48	67-25	90	SILTY SAND
ALBATROSS IV	67-6	3	1-METER NAT. DREDGE	04-06-67	40-48	67-25	90	SILTY SAND
ALBATROSS IV	67-6	12	1-METER NAT. DREDGE	04-07-67	40-40	68-01	84	SAND
ALBATROSS IV	68-12	59	1-METER NAT. DREDGE	08-14-68	42-27	67-14	366	SILT-CLAY
ALBATROSS IV	68-12	72	1-METER NAT. DREDGE	08-15-68	42-22	65-55	192	GRAVEL
ALBATROSS IV	68-12	106	1-METER NAT. DREDGE	08-17-68	43-12	65-33	73	SHELLY SAND
ALBATROSS IV	68-12	144	1-METER NAT. DREDGE	08-18-68	44-25	66-40	128	SHELLY GRAVE
ALBATROSS IV	68-12	146	1-METER NAT. DREDGE	08-18-68	44-25	66-54	99	TILLOID
ALBATROSS IV	68-12	168	DIGBY DRAG	08-19-68	44-00	68-08	73	SILTY SAND
ALBATROSS IV	68-12	180	1-METER NAT. DREDGE	08-19-68	43-48	69-08	79	TILLOID
ALBATROSS IV	68-12	181	1-METER NAT. DREDGE	08-19-68	43-48	69-14	77	TILLOID
ALBATROSS IV	68-12	185	1-METER NAT. DREDGE	08-19-68	43-40	69-35	82	TILLOID
ALBATROSS IV	68-12	188	1-METER NAT. DREDGE	08-20-68	43-39	69-55	29	GRAVEL
ALBATROSS IV	68-12	199	1-METER NAT. DREDGE	08-20-68	43-17	70-24	46	TILLOID
ALBATROSS IV	68-12	213	1-METER NAT. DREDGE	08-20-68	42-46	70-22	88	TILLOID
ALBATROSS IV	68-12	214	1-METER NAT. DREDGE	08-20-68	42-54	70-15	64	GRAVELLY SAN
ALBATROSS IV	68-12	219	1-METER NAT. DREDGE	08-21-68	42-45	69-50	238	TILLOID
DELAWARE	73-5	33	1-METER NAT. DREDGE	06-05-73	40-12	69-28	84	SILTY SAND
ALBATROSS IV	74-7	17	OTTER TRAWL	07-12-74	39-14	72-14	730	
ALBATROSS IV	74-7	27	OTTER TRAWL	07-15-74	39-55	70-22	466	

TABLE 21 CONT'D

APORRHAIS OCCIDENTALIS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	74-7	29	OTTER TRAWL	07-15-74	39-52	70-23	686	
ALBATROSS IV	74-7	40	OTTER TRAWL	07-18-74	40-30	67-11	302	
ALBATROSS IV	74-7	44	OTTER TRAWL	07-18-74	40-28	67-08	786	
ALBATROSS IV	74-7	48	OTTER TRAWL	07-19-74	40-48	66-36	521	
ALBATROSS IV	74-7	49	OTTER TRAWL	07-19-74	41-00	66-24	818	
ALBATROSS IV	74-7	52	1-METER NAT. DREDGE	07-19-74	41-34	65-54	348	
ALBATROSS IV	74-7	53	1-METER NAT. DREDGE	07-19-74	41-34	65-52	535	
ALBATROSS IV	74-7	54	1-METER NAT. DREDGE	07-20-74	41-32	65-51	860	
ALBATROSS IV	74-7	54	1-METER NAT. DREDGE	07-20-74	41-32	65-51	860	

TOTAL SAMPLES 108

TABLE 22

ARENE BAIRDII

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	45	1565	CAMPBELL GRAB	05-31-64	25-01	80-18	80	SAND

TOTAL SAMPLES 1

TABLE 23

ASSIMINEA SUCCINEA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		9201	6 FOOT SEINE	04-23-65	41-40	69-57	1	

TOTAL SAMPLES 1

TABLE 24

BALCIS CONOIDEA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	22	1124	CAMPBELL GRAB	08-07-63	41-00	66-30	114	SAND
GOSNOLD	29	1366	CAMPBELL GRAB	10-19-63	38-31	73-20	114	SAND
GOSNOLD	29	1371	CAMPBELL GRAB	10-25-63	39-04	72-40	446	SAND
ASTERIAS	65-1	2293	SMITH MCINTYRE GRAB	05-28-65	31-52	80-52	9	SAND

TOTAL SAMPLES 4

TABLE 25

BALCIS SARSI

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	29	1366	CAMPBELL GRAB	10-19-63	38-31	73-20	114	SAND
ASTERIAS	64-2	1995	SMITH MCINTYRE GRAB	08-02-64	36-59	76-08	10	SAND

TOTAL SAMPLES 2

TABLE 26

BALCIS STENOSTOMA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	49	2085	CAMPBELL GRAB	08-08-64	36-44	74-14	2135	SILTY CLAY
GOSNOLD	49	2099	CAMPBELL GRAB	08-09-64	37-48	73-48	1408	CLAYEY SILT
GOSNOLD	49	2110	CAMPBELL GRAB	08-13-64	38-03	72-58	2545	SILTY CLAY
GOSNOLD	49	2111	CAMPBELL GRAB	08-13-64	38-20	73-07	2225	CLAYEY SILT
GOSNOLD	49	2115	CAMPBELL GRAB	08-14-64	38-45	72-38	2155	SILTY CLAY
GOSNOLD	49	2120	CAMPBELL GRAB	08-14-64	38-51	72-16	2495	CLAYEY SILT
GOSNOLD	49	2120	CAMPBELL GRAB	08-14-64	38-51	72-16	2495	CLAYEY SILT
GOSNOLD	49	2127	CAMPBELL GRAB	08-15-64	39-15	71-45	2055	SILTY CLAY
GOSNOLD	49	2140	CAMPBELL GRAB	08-17-64	39-45	70-16	1965	CLAYEY SILT
GOSNOLD	49	2152	CAMPBELL GRAB	08-18-64	39-47	69-30	1865	SILTY SAND
GOSNOLD	49	2161	CAMPBELL GRAB	08-20-64	39-56	68-51	1625	SILT
GOSNOLD	49	2178	CAMPBELL GRAB	08-25-64	40-10	68-00	1830	CLAYEY SILT
GOSNOLD	49	2192	CAMPBELL GRAB	08-27-64	40-45	66-35	1715	CLAYEY SILT
GOSNOLD	51	2203	CAMPBELL GRAB	09-18-64	41-35	65-43	1795	SAND-SILT-CL
GOSNOLD	51	2206	CAMPBELL GRAB	09-18-64	41-25	65-37	2329	SAND-SILT-CL

TOTAL SAMPLES 15

TABLE 27

BALCIS SP

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	65-11	40	RING OR STRAMIN NET	08-22-65	40-30	67-42	421	SAND
ASTERIAS	65-1	2297	SMITH MCINTYRE GRAB	05-28-65	32-28	80-13	11	SHELLY SAND

TOTAL SAMPLES 2

TABLE 28

BITTIUM ALTERNATUM

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		9401	DIP NET	10-02-60	41-42	70-37	1	
		9407	6 FOOT SEINE	02-20-60	41-35	70-38	1	
		9407	DIP NET	05-25-60	41-35	70-38	1	
		9301	OTTER TRAWL	10-26-61	41-31	70-41	3	
		9313	DIP NET	09-04-61	41-33	70-32	1	SAND
		9407	MISC. GEAR	10-08-61	41-35	70-39	1	
BLUEBACK		9503	1-METER SLED NET	11-02-61	41-28	70-45	3	
BLUEBACK		9503	1-METER SLED NET	11-02-61	41-28	70-45	3	
		9301	DIP NET	01-21-62	41-31	70-41	1	SAND
		9301	DIP NET	01-21-62	41-31	70-41	1	SAND
		9301	OTTER TRAWL	07-09-62	41-31	70-41	3	
		9413	MISC. GEAR	10-21-62	41-45	70-37	1	
BLUEBACK	62-1	1	1-METER SLED NET	04-05-62	41-28	70-38	3	SAND
BLUEBACK	62-1	1	1-METER SLED NET	04-05-62	41-28	70-38	3	SAND
GOSNOLD	11	1007	CAMPBELL GRAB	04-30-63	41-27	70-42	37	SANDY GRAVEL
GOSNOLD	22	1208	CAMPBELL GRAB	08-17-63	41-40	70-42	10	SAND
		9402	6 FOOT SEINE	10-04-64	41-41	70-39	1	MUDDY SAND
ALBATROSS IV	68-12	212	RING OR STRAMIN NET	08-20-68	42-49	70-28	110	TILLOID

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TABLE 29

BOREOTROPHON ABYSSORUM

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	49	2143	CAMPBELL GRAB	08-17-64	39-15	70-29	2695	SILTY CLAY

TOTAL SAMPLES 1

TABLE 30 **BOREOTROPHON CLATHRATUM**

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		3	FISH STOMACHS	02-17-54	42-07	66-30	90	
	4	1	FISH STOMACHS	03-01-54	42-40	66-15	73	
	5	3	FISH STOMACHS	06-29-54	42-04	66-17	84	
	5	3	FISH STOMACHS	06-29-54	42-04	66-17	84	
	7	24	FISH STOMACHS	08-22-54	44-16	67-02	60	
DELAWARE	59-9	88	1-METER NAT. DREDGE	08-08-59	42-32	65-39	95	GRAVEL
DELAWARE	61-10	36	1-METER NAT. DREDGE	06-23-61	43-10	69-30	156	TILLOID
GOSNOLD	22	1146	CAMPBELL GRAB	08-09-63	42-51	64-16	123	GRAVEL
GOSNOLD	22	1150	CAMPBELL GRAB	08-09-63	42-59	64-46	86	GRAVEL
ALBATROSS IV	63-7	33	OTTER TRAWL	11-18-63	42-52	68-24	174	
ALBATROSS IV	65-6	13	SCALLOP DREDGE	05-06-65	42-08	66-28	80	
ALBATROSS IV	65-11	54	RING OR STRAMIN NET	08-24-65	43-10	66-40	114	GRAVEL
ALBATROSS IV	65-11	57	1-METER NAT. DREDGE	08-24-65	42-40	67-30	201	GRAVELLY SAN
ALBATROSS IV	68-12	101	1-METER NAT. DREDGE	08-16-68	42-54	65-48	119	GRAVEL

TOTAL SAMPLES 14

TABLE 31

BOREOTROPHON TRUNCATUM

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	61-10	48	1-METER NAT. DREDGE	06-24-61	43-11	66-31	92	SHELL
GOSNOLD	24	1237	CAMPBELL GRAB	08-31-63	43-10	65-44	64	SHELLY SAND
ALBATROSS IV	68-12	107	1-METER NAT. DREDGE	08-17-68	43-17	65-35	40	GRAVEL
ALBATROSS IV	68-12	114	1-METER NAT. DREDGE	08-17-68	43-12	66-21	84	SHELLY SAND
ALBATROSS IV	68-12	179	1-METER NAT. DREDGE	08-19-68	43-50	69-04	68	SILT-CLAY

TOTAL SAMPLES 5

TABLE 32 **BUCCINUM ELATIUS** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	68-12	105	1-METER NAT. DREDGE	08-17-68	43-06	65-34	101	SHELLY SAND

TOTAL SAMPLES 1

TABLE 33 **BUCCINUM GOULDI** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	63-7	33	OTTER TRAWL	11-18-63	42-52	68-24	174	
ALBATROSS IV	65-13	80	RING OR STRAMIN NET	09-26-65	41-25	66-26	95	SAND
ALBATROSS IV	65-11	39	1-METER NAT. DREDGE	08-21-65	40-35	67-55	90	SAND

TOTAL SAMPLES 3

TABLE 34 **BUCCINUM HYDROPHANUM** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	64-6	4	OTTER TRAWL	05-02-64	42-13	67-39	210	
ALBATROSS IV	66-9	1004	1-METER NAT. DREDGE	07-15-66	42-11	65-50	247	GRAVEL
ALBATROSS IV	66-9	1009	1-METER NAT. DREDGE	07-16-66	42-06	65-42	287	TILLOID
ALBATROSS IV	67-21	35	OTTER TRAWL	11-11-67	44-17	67-04	137	
ALBATROSS IV	68-12	78	1-METER NAT. DREDGE	08-15-68	41-54	65-44	366	GRAVEL

TOTAL SAMPLES 5

TABLE 35

BUCCINUM UNDATUM

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	53	1	OTTER TRAWL	08-11-53	42-40	70-14	80	
	4	1	FISH STOMACHS	03-01-54	42-40	66-15	73	
ALBATROSS III	67	1	DIGBY DRAG	10-05-55	41-00	70-48	42	SAND
ALBATROSS III	70	45	DIGBY DRAG	12-15-55	41-06	68-19	38	SAND
ALBATROSS III	80	3	DIGBY DRAG	08-13-56	41-54	65-57	108	SAND
ALBATROSS III	80	3	DIGBY DRAG	08-13-56	41-54	65-57	108	SAND
ALBATROSS III	80	4	DIGBY DRAG	08-14-56	42-09	66-52	102	GRAVELLY SAN
ALBATROSS III	80	4	DIGBY DRAG	08-14-56	42-09	66-52	102	GRAVELLY SAN
ALBATROSS III	80	7	DIGBY DRAG	08-17-56	41-06	68-52	95	SAND
ALBATROSS III	101	198	SMITH MCINTYRE GRAB	08-29-57	41-00	69-15	60	GRAVELLY SA
HARENGUS	57-5	2	DUTCH HERR. TRAWL	05-15-57	44-58	66-52	112	
ALBATROSS III	119	57	OTTER TRAWL	10-13-58	41-53	68-33	174	
ALBATROSS III	122	1	1-METER NAT. DREDGE	11-17-58	42-12	70-09	44	SHELLY SAND
ALBATROSS III	122	16	1-METER NAT. DREDGE	11-19-58	41-59	69-53	70	SHELLY GRAVE
ALBATROSS III	122	17	1-METER NAT. DREDGE	11-19-58	42-03	69-56	80	GRAVEL
ALBATROSS III	122	30	1-METER NAT. DREDGE	11-21-58	42-04	70-00	53	GRAVEL
ALBATROSS III	122	31	1-METER NAT. DREDGE	11-21-58	42-07	70-02	53	SAND
DELAWARE	59-9	113	SMITH MCINTYRE GRAB	08-09-59	42-41	67-56	179	GRAVELLY SAN
DELAWARE	59-12	49	OTTER TRAWL	10-01-59	44-01	66-28	77	
DELAWARE	59-12	62	OTTER TRAWL	10-03-59	43-18	66-34	91	
DELAWARE	59-12	84	OTTER TRAWL	10-06-59	42-55	69-20	184	
DELAWARE	61-10	18	1-METER NAT. DREDGE	06-22-61	43-00	66-45	212	
DELAWARE	61-10	36	1-METER NAT. DREDGE	06-23-61	43-10	69-30	156	TILLOID
DELAWARE	61-10	44	1-METER NAT. DREDGE	06-24-61	43-10	67-30	211	TILLOID
DELAWARE	61-10	46	1-METER NAT. DREDGE	06-24-61	43-10	67-00	211	SAND
DELAWARE	61-10	58	1-METER NAT. DREDGE	06-25-61	43-20	68-45	119	MUDDY SAND
DELAWARE	61-10	97	1-METER NAT. DREDGE	06-28-61	44-00	66-30	119	SHELLY GRAVE
DELAWARE	61-19	16	OTTER TRAWL	10-28-61	42-21	68-02	190	
DELAWARE	62-7	27	1-METER NAT. DREDGE	06-15-62	40-50	70-15	44	SAND
DELAWARE	62-7	30	1-METER NAT. DREDGE	06-16-62	41-10	70-30	38	SAND
DELAWARE	62-7	47	1-METER NAT. DREDGE	06-17-62	41-00	71-00	51	GRAVELLY SAN
GOSNOLD	22	1103	CAMPBELL GRAB	08-05-63	41-11	69-40	29	SH SA

TABLE 35 CONT'D

BUCCINUM UNDATUM

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	22	1114	CAMPBELL GRAB	08-06-63	40-40	67-45	79	SAND
GOSNOLD	22	1127	CAMPBELL GRAB	08-07-63	41-30	66-32	88	SANDY SHELL
GOSNOLD	22	1204	CAMPBELL GRAB	08-17-63	42-00	70-30	38	SANDY GRAVEL
GOSNOLD	24	1238	CAMPBELL GRAB	08-31-63	43-10	66-00	84	SANDY GRAVEL
GOSNOLD	29	1281	CAMPBELL GRAB	10-10-63	40-30	72-01	54	SAND
ALBATROSS IV	63-5	21	OTTER TRAWL	07-21-63	43-58	66-56	165	
ALBATROSS IV	63-5	35	OTTER TRAWL	07-22-63	42-43	66-51	172	
ALBATROSS IV	63-5	44	OTTER TRAWL	07-23-63	42-34	65-58	139	
ALBATROSS IV	63-5	70	OTTER TRAWL	07-27-63	42-13	67-39	207	
ALBATROSS IV	63-7	15	OTTER TRAWL	11-15-63	43-15	69-38	159	
ALBATROSS IV	63-7	18	OTTER TRAWL	11-15-63	42-42	69-06	152	
ALBATROSS IV	63-7	22	OTTER TRAWL	11-16-63	42-26	69-00	221	
ALBATROSS IV	63-7	29	OTTER TRAWL	11-17-63	43-52	68-31	102	
ALBATROSS IV	63-7	33	OTTER TRAWL	11-18-63	42-52	68-24	174	
ALBATROSS IV	63-7	34	OTTER TRAWL	11-18-63	42-31	68-00	194	
ALBATROSS IV	63-7	35	OTTER TRAWL	11-18-63	42-20	68-11	183	
ALBATROSS IV	63-7	36	OTTER TRAWL	11-18-63	42-20	67-51	192	
ALBATROSS IV	63-7	38	OTTER TRAWL	11-18-63	43-00	67-53	190	
ALBATROSS IV	63-7	38	OTTER TRAWL	11-18-63	43-00	67-53	190	
ALBATROSS IV	63-7	38	OTTER TRAWL	11-18-63	43-00	67-53	190	
ALBATROSS IV	63-7	39	OTTER TRAWL	11-18-63	43-08	68-06	172	
ALBATROSS IV	63-7	46	OTTER TRAWL	11-19-63	43-57	66-33	86	
ALBATROSS IV	63-7	50	OTTER TRAWL	11-20-63	43-30	66-43	120	
ALBATROSS IV	63-7	51	OTTER TRAWL	11-20-63	43-37	66-48	128	
ALBATROSS IV	63-7	54	OTTER TRAWL	11-20-63	43-12	67-07	179	
ALBATROSS IV	63-7	55	OTTER TRAWL	11-20-63	43-21	66-51	165	
ALBATROSS IV	63-7	57	OTTER TRAWL	11-21-63	42-59	67-01	205	
ALBATROSS IV	63-7	60	OTTER TRAWL	11-21-63	42-35	66-31	183	
ALBATROSS IV	63-7	72	OTTER TRAWL	11-22-63	42-34	65-32	91	
ALBATROSS IV	63-7	76	OTTER TRAWL	11-23-63	42-38	65-12	91	
ALBATROSS IV	63-7	86	OTTER TRAWL	11-25-63	42-18	67-15	278	
ALBATROSS IV	63-7	115	OTTER TRAWL	12-04-63	41-21	68-30	66	
ALBATROSS IV	63-7	138	OTTER TRAWL	12-07-63	41-05	69-09	70	

TABLE 35 CONT'D

BUCCINUM UNDATUM

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	63-7	139	OTTER TRAWL	12-07-63	40-56	68-59	79	
ALBATROSS IV	63-7	141	OTTER TRAWL	12-07-63	40-37	69-01	66	
ALBATROSS IV	63-7	142	OTTER TRAWL	12-08-63	40-37	68-36	66	
ALBATROSS IV	63-7	144	OTTER TRAWL	12-08-63	40-09	68-38	174	
ALBATROSS IV	63-7	147	OTTER TRAWL	12-08-63	40-23	69-26	73	
ALBATROSS IV	63-7	150	OTTER TRAWL	12-09-63	40-42	70-01	42	
GOSNOLD	45	1415	CAMPBELL GRAB	05-16-64	38-30	74-00	54	SHELLY SAND
GOSNOLD	51	2199	WHOI CHAIN BAG DREDG	09-16-64	41-09	68-42	61	
ALBATROSS IV	64-12	6	SCALLOP DREDGE	10-08-64	40-58	67-24	75	
ALBATROSS IV	64-12	206	SMITH MCINTYRE GRAB	10-11-64	41-14	68-20	59	SAND
ALBATROSS IV	64-13	35	OTTER TRAWL	11-14-64	44-22	66-51	110	GRAVEL
ALBATROSS IV	64-13	45	OTTER TRAWL	11-16-64	43-09	67-46	183	GRAVEL
ALBATROSS IV	64-13	46	OTTER TRAWL	11-16-64	42-54	68-00	185	SAND
ALBATROSS IV	64-13	53	OTTER TRAWL	11-18-64	42-52	67-29	232	GRAVEL
ALBATROSS IV	64-13	56	OTTER TRAWL	11-21-64	43-39	66-52	117	
ALBATROSS IV	64-13	67	OTTER TRAWL	11-22-64	42-42	65-26	91	
ALBATROSS IV	64-13	82	OTTER TRAWL	11-24-64	42-12	67-04	181	
ALBATROSS IV	64-1	10	OTTER TRAWL	01-17-64	42-52	70-38	60	
ALBATROSS IV	64-1	35	OTTER TRAWL	01-20-64	42-23	67-47	186	
ALBATROSS IV	64-1	35	OTTER TRAWL	01-20-64	42-23	67-47	186	
ALBATROSS IV	64-1	35	OTTER TRAWL	01-20-64	42-23	67-47	186	
ALBATROSS IV	64-1	44	OTTER TRAWL	01-23-64	43-58	66-56	161	
ALBATROSS IV	64-1	44	OTTER TRAWL	01-23-64	43-58	66-56	161	
ALBATROSS IV	64-1	45	OTTER TRAWL	01-23-64	43-56	66-32	84	
ALBATROSS IV	64-1	46	OTTER TRAWL	01-23-64	43-44	66-30	82	
ALBATROSS IV	64-1	49	OTTER TRAWL	01-23-64	43-31	66-43	122	
ALBATROSS IV	64-1	50	OTTER TRAWL	01-23-64	43-38	66-47	102	
ALBATROSS IV	64-1	54	OTTER TRAWL	01-23-64	43-20	66-51	176	
ALBATROSS IV	64-1	54	OTTER TRAWL	01-23-64	43-20	66-51	176	
ALBATROSS IV	64-1	54	OTTER TRAWL	01-23-64	43-20	66-51	176	
ALBATROSS IV	64-1	55	OTTER TRAWL	01-24-64	43-06	66-45	137	
ALBATROSS IV	64-1	56	OTTER TRAWL	01-24-64	42-56	66-44	201	

TABLE 35 CONT'D

BUCCINUM UNDATUM

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	64-1	58	OTTER TRAWL	01-24-64	42-44	66-50	183	
ALBATROSS IV	64-1	59	OTTER TRAWL	01-24-64	42-31	66-45	260	
ALBATROSS IV	64-1	66	OTTER TRAWL	01-25-64	42-34	66-00	97	
ALBATROSS IV	64-1	71	OTTER TRAWL	01-25-64	42-28	65-50	95	
ALBATROSS IV	64-1	73	OTTER TRAWL	01-25-64	42-50	65-38	132	
ALBATROSS IV	64-1	75	OTTER TRAWL	01-25-64	42-44	65-20	91	
ALBATROSS IV	64-1	87	OTTER TRAWL	01-27-64	41-46	66-56	64	
ALBATROSS IV	64-1	106	OTTER TRAWL	02-04-64	41-28	69-25	55	
ALBATROSS IV	64-1	117	OTTER TRAWL	02-06-64	41-21	68-50	122	
ALBATROSS IV	64-1	118	OTTER TRAWL	02-06-64	41-22	68-28	73	
ALBATROSS IV	64-1	120	OTTER TRAWL	02-06-64	41-11	67-49	42	
ALBATROSS IV	64-1	140	OTTER TRAWL	02-08-64	40-52	67-59	57	
ALBATROSS IV	64-1	144	OTTER TRAWL	02-09-64	40-59	68-56	73	
ALBATROSS IV	64-1	147	OTTER TRAWL	02-09-64	40-35	68-31	64	
ALBATROSS IV	64-1	152	OTTER TRAWL	02-10-64	40-23	69-27	73	
ALBATROSS IV	64-1	188	OTTER TRAWL	02-14-64	40-20	72-42	49	
ALBATROSS IV	64-1	191	OTTER TRAWL	02-14-64	40-52	72-09	31	
ASTERIAS	64-2	1908	SMITH MCINTYRE GRAB	07-10-64	44-11	68-31	28	SILTY SAND
ASTERIAS	64-2	1908	SMITH MCINTYRE GRAB	07-10-64	44-11	68-31	28	SILTY SAND
ALBATROSS IV	65-1	6	OTTER TRAWL	01-23-65	41-08	67-24	55	
ALBATROSS IV	65-2	67	OTTER TRAWL	02-14-65	42-02	66-06	93	SAND-GRAVEL
ALBATROSS IV	65-10	130	OTTER TRAWL	08-01-65	41-03	68-31	40	SANDY GRAVEL
ALBATROSS IV	65-10	174	OTTER TRAWL	08-08-65	41-23	69-22	51	GRAVELLY SAN
ALBATROSS IV	65-13	12	SCALLOP DREDGE	09-23-65	40-42	67-52	80	SAND
ALBATROSS IV	65-13	20	RING OR STRAMIN NET	09-24-65	40-55	67-42	66	SAND
ALBATROSS IV	65-13	25	RING OR STRAMIN NET	09-24-65	40-42	67-37	79	SAND
ALBATROSS IV	65-13	26	RING OR STRAMIN NET	09-24-65	40-45	67-37	75	SAND
ALBATROSS IV	65-13	27	RING OR STRAMIN NET	09-24-65	40-48	67-37	75	SAND
ALBATROSS IV	65-13	32	RING OR STRAMIN NET	09-24-65	40-55	67-32	73	SAND
ALBATROSS IV	65-13	34	RING OR STRAMIN NET	09-24-65	40-48	67-32	79	SAND
ALBATROSS IV	65-13	35	RING OR STRAMIN NET	09-24-65	40-45	67-32	84	SAND
ALBATROSS IV	65-13	39	RING OR STRAMIN NET	09-24-65	40-48	67-27	86	
ALBATROSS IV	65-13	45	RING OR STRAMIN NET	09-24-65	40-52	67-22	84	SAND

TABLE 35 CONT'D

BUCCINUM UNDATUM

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	65-13	46	RING OR STRAMIN NET	09-24-65	40-48	67-22	88	SAND
ALBATROSS IV	65-13	56	RING OR STRAMIN NET	09-25-65	40-55	67-07	84	SAND
ALBATROSS IV	65-11	1	1-METER NAT. DREDGE	08-17-65	41-17	71-00	37	
ALBATROSS IV	65-11	27	1-METER NAT. DREDGE	08-20-65	40-35	69-48	62	SAND
ALBATROSS IV	65-11	30	SCALLOP DREDGE	08-20-65	40-18	69-18	84	SAND
ALBATROSS IV	65-11	33	RING OR STRAMIN NET	08-21-65	40-20	68-49	92	SAND
ALBATROSS IV	65-11	34	SMITH MCINTYRE GRAB	08-21-65	40-28	68-49	73	SAND
ALBATROSS IV	65-11	34	RING OR STRAMIN NET	08-21-65	40-28	68-49	73	SAND
ALBATROSS IV	65-11	34	1-METER NAT. DREDGE	08-21-65	40-28	68-49	73	SAND
ALBATROSS IV	65-11	35	RING OR STRAMIN NET	08-21-65	40-35	68-44	66	SAND
ALBATROSS IV	65-11	38	1-METER NAT. DREDGE	08-21-65	40-46	68-16	55	SAND
ALBATROSS IV	65-11	39	SMITH MCINTYRE GRAB	08-21-65	40-35	67-55	90	SAND
ALBATROSS IV	65-11	41	RING OR STRAMIN NET	08-22-65	40-44	67-37	80	SAND
ALBATROSS IV	65-11	42	SCALLOP DREDGE	08-22-65	41-01	67-32	66	SAND
ALBATROSS IV	65-11	44	1-METER NAT. DREDGE	08-22-65	41-14	67-04	64	SAND
ALBATROSS IV	65-11	69	1-METER NAT. DREDGE	08-26-65	42-38	70-11	77	SAND
ALBATROSS IV	65-14	31	OTTER TRAWL	10-11-65	41-40	69-43	53	GRAVELLY SAN
ALBATROSS IV	65-14	41	OTTER TRAWL	10-12-65	42-33	68-13	185	GRAVELLY SAN
ALBATROSS IV	65-14	55	OTTER TRAWL	10-13-65	44-11	66-34	90	SANDY GRAVEL
ALBATROSS IV	65-14	56	OTTER TRAWL	10-13-65	43-52	66-34	82	GRAVELLY SAN
ALBATROSS IV	65-14	68	OTTER TRAWL	10-15-65	42-34	65-44	93	SAND
ALBATROSS IV	65-14	69	OTTER TRAWL	10-15-65	42-26	65-49	113	SAND
ALBATROSS IV	65-14	70	OTTER TRAWL	10-15-65	42-22	65-40	102	SAND
ALBATROSS IV	65-14	91	OTTER TRAWL	10-18-65	42-07	66-53	64	GRAVEL
ALBATROSS IV	65-14	103	OTTER TRAWL	10-19-65	41-43	67-58	33	GRAVELLY SAN
ALBATROSS IV	65-14	136	OTTER TRAWL	10-31-65	40-41	68-16	64	SAND
ALBATROSS IV	65-14	152	OTTER TRAWL	11-03-65	40-10	69-47	91	SILT
ALBATROSS IV	66-1	44	OTTER TRAWL	01-26-66	44-10	66-58	154	SANDY GRAVEL
ALBATROSS IV	66-1	45	OTTER TRAWL	01-26-66	44-16	66-55	163	
ALBATROSS IV	66-1	50	OTTER TRAWL	01-26-66	43-52	66-50	124	SAND
ALBATROSS IV	66-1	53	OTTER TRAWL	01-26-66	43-43	67-25	183	
ALBATROSS IV	66-1	66	OTTER TRAWL	02-03-66	42-10	67-37	192	SAND
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	GRAVELLY SAN

TABLE 35 CONT'D

BUCCINUM UNDATUM

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	66-1	108	OTTER TRAWL	02-12-66	42-42	65-40	91	
ALBATROSS IV	66-1	118	OTTER TRAWL	02-16-66	42-10	65-48	241	GRAVELLY SAN
ALBATROSS IV	66-1	147	OTTER TRAWL	02-19-66	40-21	69-38	68	
ALBATROSS IV	66-13	75	SCALLOP DREDGE	10-01-66	39-50	72-52	59	
ALBATROSS IV	66-14	45	OTTER TRAWL	10-17-66	44-08	66-35	93	
ALBATROSS IV	66-14	52	OTTER TRAWL	10-17-66	43-12	66-44	110	
ALBATROSS IV	66-9	1001	1-METER NAT. DREDGE	07-15-66	42-07	66-00	183	SAND
ALBATROSS IV	66-9	1002	1-METER NAT. DREDGE	07-15-66	42-06	65-56	229	SANDY GRAVEL
ALBATROSS IV	66-9	1003	1-METER NAT. DREDGE	07-15-66	42-09	65-53	247	SANDY GRAVE
ALBATROSS IV	66-9	1004	1-METER NAT. DREDGE	07-15-66	42-11	65-50	247	GRAVEL
ALBATROSS IV	66-9	1006	1-METER NAT. DREDGE	07-16-66	42-16	65-44	216	GRAVEL
ALBATROSS IV	66-9	1007	1-METER NAT. DREDGE	07-16-66	42-10	65-37	238	TILLOID
ALBATROSS IV	66-9	1007	1-METER NAT. DREDGE	07-16-66	42-10	65-37	238	TILLOID
ALBATROSS IV	66-9	1008	1-METER NAT. DREDGE	07-16-66	42-08	65-42	315	TILLOID
ALBATROSS IV	66-9	1008	1-METER NAT. DREDGE	07-16-66	42-08	65-42	315	TILLOID
ALBATROSS IV	66-9	1010	1-METER NAT. DREDGE	07-16-66	42-04	65-45	265	TILLOID
GOSNOLD	103	8	ROCK DREDGE	08-30-67	41-07	68-41	59	SANDY GRAVEL
ALBATROSS IV	67-20	1	OTTER TRAWL	10-17-67	40-10	70-29	119	
ALBATROSS IV	67-20	2	OTTER TRAWL	10-17-67	40-04	70-08	150	
ALBATROSS IV	67-20	2	OTTER TRAWL	10-17-67	40-04	70-08	150	
ALBATROSS IV	67-21	28	OTTER TRAWL	11-10-67	43-34	66-39	110	
ALBATROSS IV	67-21	34	OTTER TRAWL	11-11-67	44-11	66-55	174	
ALBATROSS IV	67-21	75	OTTER TRAWL	11-17-67	42-06	66-28	84	
ALBATROSS IV	67-21	153	OTTER TRAWL	12-09-67	41-16	69-14	90	
A.E.VERRILL	67-1	5	MBL NAT. DREDGE	03-16-67	41-19	70-58	32	SANDY MUD
ALBATROSS IV	68-12	1	1-METER NAT. DREDGE	08-12-68	41-28	70-28	16	SAND
ALBATROSS IV	68-12	8	1-METER NAT. DREDGE	08-12-68	41-29	69-35	35	SANDY GRAVEL
ALBATROSS IV	68-12	9	1-METER NAT. DREDGE	08-12-68	41-26	69-30	38	SANDY GRAVEL
ALBATROSS IV	68-12	10	1-METER NAT. DREDGE	08-12-68	41-24	69-24	44	GRAVEL
ALBATROSS IV	68-12	11	1-METER NAT. DREDGE	08-12-68	41-20	69-22	49	SAND
ALBATROSS IV	68-12	13	1-METER NAT. DREDGE	08-13-68	41-10	69-22	46	SANDY GRAVEL
ALBATROSS IV	68-12	19	QUAHOG DREDGE	08-13-68	40-47	69-42	42	SHELLY SAND
ALBATROSS IV	68-12	20	1-METER NAT. DREDGE	08-13-68	40-44	69-42	46	SAND

TABLE 35 CONT'D

BUCCINUM UNDATUM

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	68-12	20	1-METER NAT. DREDGE	08-13-68	40-44	69-42	46	SAND
ALBATROSS IV	68-12	21	1-METER NAT. DREDGE	08-13-68	40-44	69-37	46	SAND
ALBATROSS IV	68-12	22	1-METER NAT. DREDGE	08-13-68	40-44	69-30	46	SAND
ALBATROSS IV	68-12	23	1-METER NAT. DREDGE	08-13-68	40-44	69-23	48	SILTY SAND
ALBATROSS IV	68-12	24	1-METER NAT. DREDGE	08-13-68	40-49	69-18	55	SANDY GRAVEL
ALBATROSS IV	68-12	25	1-METER NAT. DREDGE	08-13-68	40-47	69-10	62	SAND
ALBATROSS IV	68-12	27	1-METER NAT. DREDGE	08-13-68	40-47	68-58	73	SILTY SAND
ALBATROSS IV	68-12	27	1-METER NAT. DREDGE	08-13-68	40-47	68-58	73	SILTY SAND
ALBATROSS IV	68-12	28	1-METER NAT. DREDGE	08-13-68	40-52	68-59	79	SAND
ALBATROSS IV	68-12	30	1-METER NAT. DREDGE	08-13-68	41-02	69-00	80	GRAVELLY SA
ALBATROSS IV	68-12	31	1-METER NAT. DREDGE	08-13-68	41-08	68-58	97	SILTY SAND
ALBATROSS IV	68-12	32	1-METER NAT. DREDGE	08-13-68	41-13	68-58	102	GRAVELLY SAN
ALBATROSS IV	68-12	33	1-METER NAT. DREDGE	08-13-68	41-20	69-00	150	SANDY GRAVEL
ALBATROSS IV	68-12	37	1-METER NAT. DREDGE	08-13-68	41-35	69-00	130	SAND
ALBATROSS IV	68-12	41	1-METER NAT. DREDGE	08-14-68	41-34	68-32	106	TILLOID
ALBATROSS IV	68-12	42	1-METER NAT. DREDGE	08-14-68	41-34	68-26	55	SAND
ALBATROSS IV	68-12	44	1-METER NAT. DREDGE	08-14-68	41-42	68-20	64	SAND
ALBATROSS IV	68-12	45	1-METER NAT. DREDGE	08-14-68	41-44	68-15	55	SAND
ALBATROSS IV	68-12	48	1-METER NAT. DREDGE	08-14-68	41-50	67-56	51	SAND
ALBATROSS IV	68-12	54	1-METER NAT. DREDGE	08-14-68	42-05	67-22	49	SANDY GRAVEL
ALBATROSS IV	68-12	54	SCALLOP DREDGE	08-14-68	42-05	67-22	51	SANDY GRAVEL
ALBATROSS IV	68-12	55	1-METER NAT. DREDGE	08-14-68	42-06	67-16	51	GRAVELLY SAN
ALBATROSS IV	68-12	57	1-METER NAT. DREDGE	08-14-68	42-16	67-17	267	TILLOID
ALBATROSS IV	68-12	63	1-METER NAT. DREDGE	08-14-68	42-27	66-49	348	TILLOID
ALBATROSS IV	68-12	64	1-METER NAT. DREDGE	08-15-68	42-27	66-42	329	TILLOID
ALBATROSS IV	68-12	65	1-METER NAT. DREDGE	08-15-68	42-26	66-35	302	GRAVEL
ALBATROSS IV	68-12	66	1-METER NAT. DREDGE	08-15-68	42-26	66-28	265	GRAVEL
ALBATROSS IV	68-12	67	1-METER NAT. DREDGE	08-15-68	42-25	66-21	256	GRAVEL
ALBATROSS IV	68-12	69	1-METER NAT. DREDGE	08-15-68	42-27	66-08	247	GRAVEL
ALBATROSS IV	68-12	75	1-METER NAT. DREDGE	08-15-68	42-07	65-56	220	GRAVEL
ALBATROSS IV	68-12	78	1-METER NAT. DREDGE	08-15-68	41-54	65-44	366	GRAVEL
ALBATROSS IV	68-12	81	SCALLOP DREDGE	08-15-68	42-03	65-32	249	GRAVEL

TABLE 35 CONT'D

BUCCINUM UNDATUM

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	68-12	87	1-METER NAT. DREDGE	08-16-68	42-18	65-28	113	SANDY GRAVEL
ALBATROSS IV	68-12	88	1-METER NAT. DREDGE	08-16-68	42-23	65-32	91	SANDY GRAVEL
ALBATROSS IV	68-12	89	1-METER NAT. DREDGE	08-16-68	42-27	65-38	91	SANDY GRAVEL
ALBATROSS IV	68-12	94	SCALLOP DREDGE	08-16-68	42-46	66-01	82	GRAVEL
ALBATROSS IV	68-12	96	1-METER NAT. DREDGE	08-16-68	42-50	66-10	57	SANDY GRAVEL
ALBATROSS IV	68-12	98	1-METER NAT. DREDGE	08-16-68	42-54	66-08	141	GRAVEL
ALBATROSS IV	68-12	98	1-METER NAT. DREDGE	08-16-68	42-54	66-08	141	GRAVEL
ALBATROSS IV	68-12	100	1-METER NAT. DREDGE	08-16-68	42-55	65-55	137	SANDY GRAVEL
ALBATROSS IV	68-12	101	1-METER NAT. DREDGE	08-16-68	42-54	65-48	119	GRAVEL
ALBATROSS IV	68-12	105	1-METER NAT. DREDGE	08-17-68	43-06	65-34	101	SHELLY SAND
ALBATROSS IV	68-12	106	1-METER NAT. DREDGE	08-17-68	43-12	65-33	73	SHELLY SAND
ALBATROSS IV	68-12	107	1-METER NAT. DREDGE	08-17-68	43-17	65-35	40	GRAVEL
ALBATROSS IV	68-12	109	1-METER NAT. DREDGE	08-17-68	43-14	65-45	38	GRAVEL
ALBATROSS IV	68-12	111	1-METER NAT. DREDGE	08-17-68	43-14	66-00	40	SHELLY SAND
ALBATROSS IV	68-12	112	1-METER NAT. DREDGE	08-17-68	43-13	66-08	73	SANDY GRAVEL
ALBATROSS IV	68-12	113	1-METER NAT. DREDGE	08-17-68	43-13	66-15	79	GRAVEL
ALBATROSS IV	68-12	113	1-METER NAT. DREDGE	08-17-68	43-13	66-15	79	GRAVEL
ALBATROSS IV	68-12	114	1-METER NAT. DREDGE	08-17-68	43-12	66-21	84	SHELLY SAND
ALBATROSS IV	68-12	116	1-METER NAT. DREDGE	08-17-68	43-08	66-36	95	SHELLY GRAVE
ALBATROSS IV	68-12	118	1-METER NAT. DREDGE	08-17-68	43-12	66-38	110	GRAVEL
ALBATROSS IV	68-12	119	1-METER NAT. DREDGE	08-17-68	43-15	66-34	71	SHELLY GRAVE
ALBATROSS IV	68-12	120	1-METER NAT. DREDGE	08-17-68	43-18	66-29	57	SHELLY GRAVE
ALBATROSS IV	68-12	124	1-METER NAT. DREDGE	08-17-68	43-30	66-16	80	GRAVEL
ALBATROSS IV	68-12	126	1-METER NAT. DREDGE	08-17-68	43-39	66-25	77	SANDY GRAVEL
ALBATROSS IV	68-12	126	1-METER NAT. DREDGE	08-17-68	43-39	66-25	77	SANDY GRAVEL
ALBATROSS IV	68-12	127	1-METER NAT. DREDGE	08-17-68	43-42	66-29	95	SANDY GRAVEL
ALBATROSS IV	68-12	128	1-METER NAT. DREDGE	08-17-68	43-46	66-34	93	GRAVEL
ALBATROSS IV	68-12	128	1-METER NAT. DREDGE	08-17-68	43-46	66-34	93	GRAVEL
ALBATROSS IV	68-12	130	1-METER NAT. DREDGE	08-17-68	43-52	66-42	102	SANDY GRAVEL
ALBATROSS IV	68-12	131	1-METER NAT. DREDGE	08-18-68	43-56	66-36	91	GRAVEL
ALBATROSS IV	68-12	132	1-METER NAT. DREDGE	08-18-68	43-58	66-31	84	GRAVEL
ALBATROSS IV	68-12	134	1-METER NAT. DREDGE	08-18-68	44-05	66-21	51	GRAVEL
ALBATROSS IV	68-12	135	1-METER NAT. DREDGE	08-18-68	44-06	66-26	73	GRAVELLY SAN

TABLE 35 CONT'D

BUCCINUM UNDATUM

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	68-12	136	1-METER NAT. DREDGE	08-18-68	44-09	66-30	106	GRAVEL
ALBATROSS IV	68-12	138	1-METER NAT. DREDGE	08-18-68	44-16	66-34	137	SANDY GRAVEL
ALBATROSS IV	68-12	142	1-METER NAT. DREDGE	08-18-68	44-25	66-25	188	TILLOID
ALBATROSS IV	68-12	142	1-METER NAT. DREDGE	08-18-68	44-25	66-25	188	TILLOID
ALBATROSS IV	68-12	144	1-METER NAT. DREDGE	08-18-68	44-25	66-40	128	SHELLY GRAVE
ALBATROSS IV	68-12	144	1-METER NAT. DREDGE	08-18-68	44-25	66-40	137	SHELLY GRAVE
ALBATROSS IV	68-12	145	1-METER NAT. DREDGE	08-18-68	44-25	66-47	117	TILLOID
ALBATROSS IV	68-12	145	1-METER NAT. DREDGE	08-18-68	44-25	66-47	117	TILLOID
ALBATROSS IV	68-12	147	1-METER NAT. DREDGE	08-18-68	44-25	67-00	95	SHELL
ALBATROSS IV	68-12	147	1-METER NAT. DREDGE	08-18-68	44-25	67-00	95	SHELL
ALBATROSS IV	68-12	181	1-METER NAT. DREDGE	08-19-68	43-48	69-14	77	TILLOID
ALBATROSS IV	68-12	188	1-METER NAT. DREDGE	08-20-68	43-39	69-55	29	GRAVEL
ALBATROSS IV	68-12	189	1-METER NAT. DREDGE	08-20-68	43-36	69-51	70	GRAVEL
ALBATROSS IV	68-12	199	1-METER NAT. DREDGE	08-20-68	43-17	70-24	46	TILLOID
ALBATROSS IV	68-12	214	1-METER NAT. DREDGE	08-20-68	42-54	70-15	64	GRAVELLY SAN
ALBATROSS IV	68-12	224	1-METER NAT. DREDGE	08-21-68	42-40	70-24	60	SANDY GRAVEL
ALBATROSS IV	68-12	234	1-METER NAT. DREDGE	08-21-68	42-12	70-26	64	SILT-CLAY
ALBATROSS IV	74-7	50	OTTER TRAWL	07-19-74	41-23	66-01	329	
ALBATROSS IV	74-7	51	OTTER TRAWL	07-19-74	41-29	65-56	366	

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TABLE 36

BULBUS SMITHI

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	74-7	51	OTTER TRAWL	07-19-74	41-29	65-56	366	

TOTAL SAMPLES 1

TABLE 37

BUSYCON CANALICULATUM

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ASTERIAS	1	3	OTTER TRAWL	05-19-59	41-27	70-53	16	
GOSNOLD	45	1537	CAMPBELL GRAB	05-24-64	28-10	80-29	15	SAND
ASTERIAS	64-2	1934	SMITH MCINTYRE GRAB	07-20-64	41-36	71-23	9	SANDY SILT
ASTERIAS	64-2	1969	SMITH MCINTYRE GRAB	07-29-64	39-00	74-59	8	SAND-SILT-CL
ASTERIAS	64-2	2008	SMITH MCINTYRE GRAB	08-08-64	41-08	72-12	15	SILTY SAND

TOTAL SAMPLES 5

TABLE 38

OUSYCON CARICA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	10	1005	SMITH MCINTYRE GRAB	04-26-63	41-28	70-52	22	SANDY SILT

TOTAL SAMPLES 1

TABLE 39 **CALLIOSTOMA BAIRDI** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	59-14	6	OTTER TRAWL	12-11-59	40-12	71-18	110	
DELAWARE	62-7	7	1-METER NAT. DREDGE	06-13-62	40-00	69-30	128	SAND
DELAWARE	62-7	10	1-METER NAT. DREDGE	06-14-62	40-00	69-45	139	SILTY SAND
ALBATROSS IV	63-7	173	OTTER TRAWL	12-12-63	39-59	72-01	82	
ALBATROSS IV	65-11	8	RING OR STRAMIN NET	08-18-65	40-10	71-00	139	SAND
ALBATROSS IV	68-12	149	1-METER NAT. DREDGE	08-18-68	44-24	67-14	90	TILLOID
		3	SUBMERSIBLE	12-04-69	26-46	79-58	135	SANDY SILT
DELAWARE	73-5	4	1-METER NAT. DREDGE	06-13-73	39-59	69-38	139	SHELLY SAND
DELAWARE	73-5	12	OTTER TRAWL	06-17-73	39-58	69-32	143	
DELAWARE	73-5	36	1-METER NAT. DREDGE	06-10-73	40-00	69-30	112	SILTY SAND
DELAWARE	73-5	37	1-METER NAT. DREDGE	06-10-73	39-58	69-30	132	SILTY SAND
DELAWARE	73-5	45	1-METER NAT. DREDGE	06-15-73	39-58	69-23	143	
DELAWARE	73-5	59	1-METER NAT. DREDGE	06-14-73	40-05	69-20	108	

TOTAL SAMPLES 13

TABLE 40 CALLIOSTOMA OCCIDENTALIS PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		5		04-04-53	41-32	65-57	146	
	7	2	FISH STOMACHS	08-21-54	44-13	67-06	91	
	7	24	FISH STOMACHS	08-22-54	44-16	67-02	60	
ALBATROSS III	80	3	DIGBY DRAG	08-13-56	41-54	65-57	108	SAND
ALBATROSS III	80	4	DIGBY DRAG	08-14-56	42-09	66-52	102	GRAVELLY SAN
ALBATROSS III	81	26	OTTER TRAWL	11-05-56	42-58	65-57	128	
ALBATROSS III	81	48	OTTER TRAWL	11-10-56	41-44	68-15	55	
ALBATROSS III	118	28	OTTER TRAWL	09-27-58	42-59	66-35	124	
ALBATROSS III	122	3	1-METER NAT. DREDGE	11-17-58	42-16	70-00	104	GRAVEL
ALBATROSS III	122	17	1-METER NAT. DREDGE	11-19-58	42-03	69-56	80	GRAVEL
ALBATROSS III	122	18	1-METER NAT. DREDGE	11-19-58	42-06	69-58	99	GRAVEL
DELAWARE	59-9	56	SMITH MCINTYRE GRAB	08-07-59	42-56	66-05	157	GRAVEL
DELAWARE	59-9	78	SMITH MCINTYRE GRAB	08-08-59	42-31	65-13	106	SANDY GRAVEL
DELAWARE	59-9	83	1-METER NAT. DREDGE	08-08-59	42-11	65-30	121	SANDY GRAVEL
DELAWARE	59-9	88	1-METER NAT. DREDGE	08-08-59	42-32	65-39	95	GRAVEL
DELAWARE	59-12	62	OTTER TRAWL	10-03-59	43-18	66-34	91	
DELAWARE	61-10	18	1-METER NAT. DREDGE	06-22-61	43-00	66-45	212	
DELAWARE	61-10	47	SMITH MCINTYRE GRAB	06-24-61	43-10	66-45	165	SHELL
DELAWARE	61-10	48	SMITH MCINTYRE GRAB	06-24-61	43-11	66-31	92	SHELL
DELAWARE	61-10	48	1-METER NAT. DREDGE	06-24-61	43-11	66-31	92	SHELL
DELAWARE	61-10	68	1-METER NAT. DREDGE	06-26-61	43-30	68-45	114	GRAVEL
DELAWARE	61-10	76	1-METER NAT. DREDGE	06-26-61	43-31	66-46	156	GRAVEL
DELAWARE	61-10	78	1-METER NAT. DREDGE	06-26-61	43-40	66-30	95	
DELAWARE	61-10	97	1-METER NAT. DREDGE	06-28-61	44-00	66-30	119	SHELLY GRAVE
DELAWARE	61-10	99	1-METER NAT. DREDGE	06-28-61	44-00	67-00	119	GRAVEL
DELAWARE	61-10	107	SMITH MCINTYRE GRAB	06-29-61	43-29	68-16	183	SAND-SILT-CL
GOSNOLD	22	1140	CAMPBELL GRAB	08-09-63	42-41	65-02	109	SAND
GOSNOLD	22	1155	CAMPBELL GRAB	08-10-63	43-01	66-00	119	SANDY GRAVEL
GOSNOLD	22	1167	CAMPBELL GRAB	08-10-63	44-30	66-30	157	SANDY GRAVEL
ALBATROSS IV	63-7	51	OTTER TRAWL	11-20-63	43-37	66-48	128	
ALBATROSS IV	64-13	11	OTTER TRAWL	11-11-64	42-28	69-06	227	CLAYEY SAND
ALBATROSS IV	64-13	60	OTTER TRAWL	11-22-64	42-48	66-31	113	
ALBATROSS IV	64-1	3	OTTER TRAWL	01-17-64	42-18	70-08	73	

TABLE 40 CONT'D

CALLIOSTOMA OCCIDENTALIS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	64-1	50	OTTER TRAWL	01-23-64	43-38	66-47	102	
ALBATROSS IV	64-1	72	OTTER TRAWL	01-25-64	42-36	65-46	90	
ALBATROSS IV	64-1	75	OTTER TRAWL	01-25-64	42-44	65-20	91	
ALBATROSS IV	64-1	82	OTTER TRAWL	01-26-64	41-41	65-54	119	
ALBATROSS IV	65-11	49	1-METER NAT. DREDGE	08-23-65	42-06	66-20	95	GRAVEL
ALBATROSS IV	65-11	54	RING OR STRAMIN NET	08-24-65	43-10	66-40	114	GRAVEL
ALBATROSS IV	65-11	54	1-METER NAT. DREDGE	08-24-65	43-10	66-40	114	GRAVEL
ALBATROSS IV	65-11	57	RING OR STRAMIN NET	08-24-65	42-40	67-30	201	GRAVELLY SAN
ALBATROSS IV	65-11	59	1-METER NAT. DREDGE	08-25-65	42-30	68-10	156	SAND
ALBATROSS IV	65-14	66	OTTER TRAWL	10-14-65	42-43	65-41	91	
ALBATROSS IV	66-14	84	OTTER TRAWL	10-22-66	41-52	66-34	73	
ALBATROSS IV	66-9	1004	1-METER NAT. DREDGE	07-15-66	42-11	65-50	247	GRAVEL
ALBATROSS IV	66-9	1004	1-METER NAT. DREDGE	07-15-66	42-11	65-50	247	GRAVEL
ALBATROSS IV	66-9	1005	1-METER NAT. DREDGE	07-16-66	42-13	65-42	229	GRAVEL
ALBATROSS IV	66-9	1007	1-METER NAT. DREDGE	07-16-66	42-10	65-37	238	TILLOID
ALBATROSS IV	66-9	1007	1-METER NAT. DREDGE	07-16-66	42-10	65-37	238	TILLOID
ALBATROSS IV	66-9	1011	1-METER NAT. DREDGE	07-16-66	42-02	65-47	256	SANDY GRAVEL
ALBATROSS IV	68-12	65	1-METER NAT. DREDGE	08-15-68	42-26	66-35	302	GRAVEL
ALBATROSS IV	68-12	69	1-METER NAT. DREDGE	08-15-68	42-27	66-08	247	GRAVEL
ALBATROSS IV	68-12	69	1-METER NAT. DREDGE	08-15-68	42-27	66-08	247	GRAVEL
ALBATROSS IV	68-12	72	1-METER NAT. DREDGE	08-15-68	42-22	65-55	192	GRAVEL
ALBATROSS IV	68-12	73	1-METER NAT. DREDGE	08-15-68	42-17	65-55	238	GRAVEL
ALBATROSS IV	68-12	74	1-METER NAT. DREDGE	08-15-68	42-11	65-56	229	GRAVEL
ALBATROSS IV	68-12	86	1-METER NAT. DREDGE	08-16-68	42-14	65-24	155	GRAVELLY SAN
ALBATROSS IV	68-12	92	1-METER NAT. DREDGE	08-16-68	42-36	65-52	88	SANDY GRAVEL
ALBATROSS IV	68-12	93	1-METER NAT. DREDGE	08-16-68	42-40	65-56	84	SANDY GRAVEL
ALBATROSS IV	68-12	101	1-METER NAT. DREDGE	08-16-68	42-54	65-48	119	GRAVEL
ALBATROSS IV	68-12	113	1-METER NAT. DREDGE	08-17-68	43-13	66-15	79	GRAVEL
ALBATROSS IV	68-12	114	1-METER NAT. DREDGE	08-17-68	43-12	66-21	84	SHELLY SAND
ALBATROSS IV	68-12	117	1-METER NAT. DREDGE	08-17-68	43-07	66-42	128	GRAVEL
ALBATROSS IV	68-12	118	1-METER NAT. DREDGE	08-17-68	43-12	66-38	110	GRAVEL
ALBATROSS IV	68-12	119	1-METER NAT. DREDGE	08-17-68	43-15	66-34	73	SHELLY GRAVE
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TABLE 40 CONT'D

CALLIOSTOMA OCCIDENTALIS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	68-12	125	1-METER NAT. DREDGE	08-17-68	43-34	66-20	73	GRAVEL
ALBATROSS IV	68-12	144	1-METER NAT. DREDGE	08-18-68	44-25	66-40	128	SHELLY GRAVE
ALBATROSS IV	68-12	146	1-METER NAT. DREDGE	08-18-68	44-25	66-54	99	TILLOID
ALBATROSS IV	68-12	152	1-METER NAT. DREDGE	08-18-68	44-25	67-34	64	SILT-CLAY
ALBATROSS IV	68-12	185	1-METER NAT. DREDGE	08-19-68	43-40	69-35	82	TILLOID
ALBATROSS IV	68-12	223	1-METER NAT. DREDGE	08-21-68	42-40	70-16	48	GRAVEL
ALBATROSS IV	74-7	7	OTTER TRAWL	07-10-74	39-47	71-07	1444	
ALBATROSS IV	74-7	19	OTTER TRAWL	07-12-74	39-07	72-10	1646	
ALBATROSS IV	74-7	24	OTTER TRAWL	07-14-74	38-37	73-02	1166	
ALBATROSS IV	74-7	36	OTTER TRAWL	07-16-74	39-52	69-24	1330	
ALBATROSS IV	74-7	39	OTTER TRAWL	07-17-74	40-04	68-41	431	
ALBATROSS IV	74-7	48	OTTER TRAWL	07-19-74	40-48	66-36	521	
ALBATROSS IV	74-7	53	1-METER NAT. DREDGE	07-19-74	41-34	65-52	535	
ALBATROSS IV	74-7	57	1-METER NAT. DREDGE	07-20-74	40-19	67-27	1170	
ALBATROSS IV	74-7	58	1-METER NAT. DREDGE	07-21-74	40-08	68-19	982	

TOTAL SAMPLES 81

TABLE 41 **CALLIOSTOMA** SP PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	29	1364	CAMPBELL GRAB	10-19-63	38-31	73-31	79	SAND

TOTAL SAMPLES 1

TABLE 42

CERITHIELLA SP

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	49	2172	CAMPBELL GRAB	08-22-64	40-07	68-11	1625	SILTY SAND

TOTAL SAMPLES 1

TABLE 43

CERITHIOPSIS COSTULATA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	64-13	33	OTTER TRAWL	10-28-64	40-16	70-50	119	SILT-CLAY

TOTAL SAMPLES 1

TABLE 44

CERITHIOPSIS SUBULATA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		9302	DIP NET	02-06-60	41-31	70-39	1	

TOTAL SAMPLES 1

TABLE 45

CERODRILLIA BAHAMENSIS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	45	1568	CAMPBELL GRAB	05-31-64	24-42	80-46	82	SILTY SAND

TOTAL SAMPLES 1

TABLE 46

COLUS BREVIS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	65-13	20	RING OR STRAMIN NET	09-24-65	40-55	67-42	66	SAND
ALBATROSS IV	65-13	20	RING OR STRAMIN NET	09-24-65	40-55	67-42	66	SAND
ALBATROSS IV	67-12	139	SCALLOP DREDGE	07-10-67	41-51	66-03	95	SAND
ALBATROSS IV	67-12	139	SCALLOP DREDGE	07-10-67	41-51	66-03	95	SAND
ALBATROSS IV	68-12	12	1-METER NAT. DREDGE	08-13-68	41-15	69-22	58	SAND
ALBATROSS IV	68-12	12	1-METER NAT. DREDGE	08-13-68	41-15	69-22	58	SAND
ALBATROSS IV	68-12	12	1-METER NAT. DREDGE	08-13-68	41-15	69-22	58	SAND
ALBATROSS IV	68-12	91	1-METER NAT. DREDGE	08-16-68	42-33	65-46	88	SAND
ALBATROSS IV	68-12	91	1-METER NAT. DREDGE	08-16-68	42-33	65-46	88	SAND

TOTAL SAMPLES 9

TABLE 47

COLUS CAELATUS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	59-10	12	40 FT SHRIMP TRAWL	08-26-59	39-38	71-32	1280	
DELAWARE	59-10	14	40 FT SHRIMP TRAWL	08-27-59	39-46	71-25	1074	
DELAWARE	59-10	15	40 FT SHRIMP TRAWL	08-27-59	39-48	71-06	1280	
GOSNOLD	49	2069	CAMPBELL GRAB	08-06-64	36-00	74-43	915	CLAYEY SILT
GOSNOLD	49	2069	CAMPBELL GRAB	08-06-64	36-00	74-43	915	CLAYEY SILT
GOSNOLD	49	2162	CAMPBELL GRAB	08-20-64	39-51	68-40	2295	CLAYEY SILT
ALBATROSS IV	68-12	40	RING OR STRAMIN NET	08-14-68	41-34	68-40	128	SANDY SILT

TOTAL SAMPLES 7

TABLE 48 **COLUS OBESUS** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	49	2077	CAMPBELL GRAB	08-07-64	36-15	74-43	960	CLAYEY SILT
GOSNOLD	49	2101	CAMPBELL GRAB	08-09-64	37-55	73-54	880	CLAYEY SILT
GOSNOLD	49	2107	CAMPBELL GRAB	08-12-64	38-12	73-37	870	CLAYEY SILT
GOSNOLD	49	2130	CAMPBELL GRAB	08-16-64	39-40	71-30	1407	SILTY CLAY
GOSNOLD	49	2161	CAMPBELL GRAB	08-20-64	39-56	68-51	1625	SILT
GOSNOLD	49	2186	CAMPBELL GRAB	08-26-64	40-06	67-30	2035	SAND-SILT-CL
GOSNOLD	51	2201	CAMPBELL GRAB	09-18-64	41-16	65-44	2451	SAND-SILT-CL
GOSNOLD	51	2203	CAMPBELL GRAB	09-18-64	41-35	65-43	1795	SAND-SILT-CL
GOSNOLD	51	2209	WHOI PIPE DREDGE	09-19-64	41-54	65-17	1845	CLAYEY SILT
ALBATROSS IV	64-1	71	OTTER TRAWL	01-25-64	42-28	65-50	95	

TOTAL SAMPLES 10

TABLE 49

COLUS PARVUS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	49	2182	CAMPBELL GRAB	08-26-64	40-22	67-30	465	SILTY SAND

TOTAL SAMPLES 1

TABLE 50

COLUS PUBESCENS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	74-7	17	OTTER TRAWL	07-12-74	39-14	72-14	730	
ALBATROSS IV	74-7	42	OTTER TRAWL	07-18-74	40-30	67-05	439	
ALBATROSS IV	74-7	47	OTTER TRAWL	07-19-74	40-50	66-38	458	
ALBATROSS IV	74-7	48	OTTER TRAWL	07-19-74	40-48	66-36	521	
ALBATROSS IV	74-7	51	OTTER TRAWL	07-19-74	41-29	65-56	366	
ALBATROSS IV	74-7	53	1-METER NAT. DREDGE	07-19-74	41-34	65-52	535	

TOTAL SAMPLES 6

TABLE 51 **COLUS PYGMAEUS** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	53	23	OTTER TRAWL	08-17-53	44-20	67-42	68	
ALBATROSS III	67	1	DIGBY DRAG	10-05-55	41-00	70-48	42	SAND
ALBATROSS III	67	1	DIGBY DRAG	10-05-55	41-00	70-48	42	SAND
ALBATROSS III	67	1	QUAHOG DREDGE	10-03-55	41-00	70-48	49	SAND
ALBATROSS III	67	1	DIGBY DRAG	10-05-55	41-00	70-48	42	SAND
ALBATROSS III	67	2	DIGBY DRAG	10-04-55	40-30	70-35	68	SILT-CLAY
ALBATROSS III	80	3	DIGBY DRAG	08-13-56	41-54	65-57	108	SAND
ALBATROSS III	80	4	DIGBY DRAG	08-14-56	42-09	66-52	102	GRAVELLY SAN
ALBATROSS III	80	7	DIGBY DRAG	08-17-56	41-06	68-52	95	SAND
ALBATROSS III	101	29	SMITH MCINTYRE GRAB	08-22-57	40-19	69-05	88	SAND
ALBATROSS III	101	135	SMITH MCINTYRE GRAB	08-26-57	41-24	66-00	238	GRAVELLY SA
ALBATROSS III	122	1	1-METER NAT. DREDGE	11-17-58	42-12	70-08	48	SHELLY SAND
ALBATROSS III	122	2	1-METER NAT. DREDGE	11-17-58	42-14	70-04	106	GRAVEL
ALBATROSS III	122	18	1-METER NAT. DREDGE	11-19-58	42-06	69-58	99	GRAVEL
ALBATROSS III	122	19	1-METER NAT. DREDGE	11-20-58	42-10	70-01	128	SHELLY SAND
ALBATROSS III	122	29	1-METER NAT. DREDGE	11-21-58	42-00	69-56	48	GRAVELLY SAN
ALBATROSS III	122	30	1-METER NAT. DREDGE	11-21-58	42-04	70-00	53	GRAVEL
ALBATROSS III	122	31	1-METER NAT. DREDGE	11-21-58	42-07	70-02	53	SAND
ALBATROSS III	122	31	1-METER NAT. DREDGE	11-21-58	42-07	70-02	53	SAND
ALBATROSS III	122	32	1-METER NAT. DREDGE	11-21-58	42-08	70-03	48	SAND
DELAWARE	59-9	10	SMITH MCINTYRE GRAB	08-05-59	42-00	68-51	135	GRAVELLY SAN
DELAWARE	59-9	88	1-METER NAT. DREDGE	08-08-59	42-32	65-39	95	GRAVEL
DELAWARE	61-10	2	1-METER NAT. DREDGE	06-20-61	42-50	70-15	70	
DELAWARE	61-10	9	1-METER NAT. DREDGE	06-21-61	42-50	68-31	220	SILT GRAVEL
DELAWARE	61-10	22	1-METER NAT. DREDGE	06-22-61	43-00	67-45	141	TILLOID
DELAWARE	61-10	30	1-METER NAT. DREDGE	06-23-61	43-00	69-45	183	MUDDY GRAVEL
DELAWARE	61-10	34	1-METER NAT. DREDGE	06-23-61	43-09	70-00	121	
DELAWARE	61-10	34	1-METER NAT. DREDGE	06-23-61	43-09	70-00	121	
DELAWARE	61-10	36	1-METER NAT. DREDGE	06-23-61	43-10	69-30	156	TILLOID
DELAWARE	61-10	44	1-METER NAT. DREDGE	06-24-61	43-10	67-30	211	TILLOID
DELAWARE	61-10	70	1-METER NAT. DREDGE	06-26-61	43-30	68-15	174	SAND-SILT-CL
DELAWARE	61-10	80	1-METER NAT. DREDGE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TABLE 51 CONT'D

COLUS PYGMAEUS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	61-10	89	1-METER NAT. DREDGE	06-27-61	43-50	68-31	137	SILTY CLAY
DELAWARE	61-10	89	1-METER NAT. DREDGE	06-27-61	43-50	68-31	137	SILTY CLAY
DELAWARE	61-10	91	SMITH MCINTYRE GRAB	06-27-61	43-50	68-00	220	SILTY CLAY
DELAWARE	61-10	91	1-METER NAT. DREDGE	06-27-61	43-50	68-00	220	SILTY CLAY
DELAWARE	61-10	97	1-METER NAT. DREDGE	06-28-61	44-00	66-30	119	SHELLY GRAVE
DELAWARE	61-10	107	SMITH MCINTYRE GRAB	06-29-61	43-29	68-16	183	SAND-SILT-CL
DELAWARE	61-10	107	SMITH MCINTYRE GRAB	06-29-61	43-29	68-16	183	SAND-SILT-CL
DELAWARE	61-4	18	ISAAC-KIDD MID-WATER	03-22-61	39-15	72-23	172	
DELAWARE	62-7	4	1-METER NAT. DREDGE	06-13-62	40-30	69-29	62	SAND
DELAWARE	62-7	5	1-METER NAT. DREDGE	06-13-62	40-21	69-30	77	SAND
DELAWARE	62-7	12	1-METER NAT. DREDGE	06-14-62	40-20	69-46	79	SAND
DELAWARE	62-7	13	1-METER NAT. DREDGE	06-14-62	40-30	69-45	73	SAND
DELAWARE	62-7	13	1-METER NAT. DREDGE	06-14-62	40-30	69-45	73	SAND
DELAWARE	62-7	17	1-METER NAT. DREDGE	06-15-62	40-39	69-59	49	SAND
DELAWARE	62-7	18	1-METER NAT. DREDGE	06-15-62	40-30	70-00	73	SAND
DELAWARE	62-7	25	1-METER NAT. DREDGE	06-15-62	40-30	70-15	70	SILTY SAND
DELAWARE	62-7	26	1-METER NAT. DREDGE	06-15-62	40-40	70-15	51	SAND
DELAWARE	62-7	30	1-METER NAT. DREDGE	06-16-62	41-10	70-30	38	SAND
DELAWARE	62-7	43	1-METER NAT. DREDGE	06-17-62	40-50	70-45	55	SAND
DELAWARE	62-7	44	1-METER NAT. DREDGE	06-17-62	41-00	70-45	51	SAND
DELAWARE	62-7	44	1-METER NAT. DREDGE	06-17-62	41-00	70-45	51	SAND
DELAWARE	62-7	47	1-METER NAT. DREDGE	06-17-62	41-00	71-00	51	GRAVELLY SAN
DELAWARE	62-7	48	1-METER NAT. DREDGE	06-18-62	40-50	71-00	59	SAND
DELAWARE	62-7	61	1-METER NAT. DREDGE	06-19-62	40-50	71-15	62	SAND
DELAWARE	62-7	62	1-METER NAT. DREDGE	06-19-62	41-01	71-16	48	SAND
DELAWARE	62-7	63	1-METER NAT. DREDGE	06-19-62	41-10	71-15	38	SAND
DELAWARE	62-7	64	1-METER NAT. DREDGE	06-19-62	41-00	71-30	55	SAND
DELAWARE	62-7	64	1-METER NAT. DREDGE	06-19-62	41-00	71-30	55	SAND
GOSNOLD	12	1020	CAMPBELL GRAB	05-03-63	43-09	70-26	65	GRAVELLY SAN
GOSNOLD	12	1037	CAMPBELL GRAB	05-05-63	44-20	67-29	111	SAND-SILT-CL
GOSNOLD	13	1074	CAMPBELL GRAB	05-12-63	39-43	71-53	225	SAND
GOSNOLD	22	1140	CAMPBELL GRAB	08-09-63	42-41	65-02	109	SAND
GOSNOLD	22	1202	CAMPBELL GRAB	08-17-63	42-21	70-30	91	CLAYEY SILT

TABLE 51 CONT'D

COLUS PYGMAEUS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	22	1203	CAMPBELL GRAB	08-17-63	42-10	70-30	55	SANDY SILT
GOSNOLD	22	1203	CAMPBELL GRAB	08-17-63	42-10	70-30	55	SANDY SILT
GOSNOLD	22	1207	CAMPBELL GRAB	08-17-63	41-50	70-28	23	GRAVELLY SAN
GOSNOLD	24	1236	CAMPBELL GRAB	08-31-63	43-11	65-29	106	SAND
GOSNOLD	24	1243	CAMPBELL GRAB	08-31-63	43-20	65-00	168	CLAYEY SILT
GOSNOLD	28	1257	CAMPBELL GRAB	10-03-63	41-18	71-21	35	SAND
GOSNOLD	29	1284	CAMPBELL GRAB	10-11-63	40-21	72-30	52	SAND
GOSNOLD	29	1357	CAMPBELL GRAB	10-19-63	38-51	72-54	564	SANDY SILT
GOSNOLD	29	1358	CAMPBELL GRAB	10-19-63	38-42	73-01	450	SILTY SAND
GOSNOLD	29	1367	CAMPBELL GRAB	10-20-63	38-31	73-15	455	SAND
GOSNOLD	29	1371	CAMPBELL GRAB	10-25-63	39-04	72-40	446	SAND
ALBATROSS IV	63-7	33	OTTER TRAWL	11-18-63	42-52	68-24	174	
GOSNOLD	45	1415	CAMPBELL GRAB	05-16-64	38-30	74-00	54	SHELLY SAND
GOSNOLD	49	2092	CAMPBELL GRAB	08-08-64	37-30	74-19	505	SILTY SAND
GOSNOLD	49	2102	CAMPBELL GRAB	08-09-64	37-58	73-57	580	SANDY SILT
GOSNOLD	51	2198	WHOI CHAIN BAG DREDG	09-16-64	41-00	69-01	83	
ALBATROSS IV	64-12	10	SCALLOP DREDGE	10-08-64	40-58	67-03	79	
ALBATROSS IV	64-12	201	SCALLOP DREDGE	10-10-64	40-54	67-14	86	SAND
ALBATROSS IV	64-1	86	OTTER TRAWL	01-27-64	42-00	66-50	60	
ALBATROSS IV	64-1	146	OTTER TRAWL	02-09-64	40-38	69-00	60	
ALBATROSS IV	64-1	188	OTTER TRAWL	02-14-64	40-20	72-42	49	
ALBATROSS IV	64-1	190	OTTER TRAWL	02-14-64	40-37	72-14	49	
ALBATROSS IV	65-13	12	RING OR STRAMIN NET	09-23-65	40-42	67-52	80	SAND
ALBATROSS IV	65-11	1	1-METER NAT. DREDGE	08-17-65	41-17	71-00	37	
ALBATROSS IV	65-11	3	SMITH MCINTYRE GRAB	08-17-65	40-58	70-59	49	SAND
ALBATROSS IV	65-11	3	SMITH MCINTYRE GRAB	08-17-65	40-58	70-59	49	SAND
ALBATROSS IV	65-11	3	1-METER NAT. DREDGE	08-17-65	40-58	70-59	49	SAND
ALBATROSS IV	65-11	3	SMITH MCINTYRE GRAB	08-17-65	40-58	70-59	49	SAND
ALBATROSS IV	65-11	3	SMITH MCINTYRE GRAB	08-17-65	40-58	70-59	49	SAND
ALBATROSS IV	65-11	4	1-METER NAT. DREDGE	08-17-65	40-50	71-00	57	SILT
ALBATROSS IV	65-11	4	1-METER NAT. DREDGE	08-17-65	40-50	71-00	57	SILT
ALBATROSS IV	65-11	5	1-METER NAT. DREDGE	08-18-65	40-41	71-00	54	SILT

TABLE 51 CONT'D

COLUS PYGMAEUS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	65-11	27	1-METER NAT. DREDGE	08-20-65	40-35	69-48	62	SAND
ALBATROSS IV	65-11	34	SMITH MCINTYRE GRAB	08-21-65	40-28	68-49	73	SAND
ALBATROSS IV	65-11	40	SMITH MCINTYRE GRAB	08-22-65	40-30	67-42	421	SAND
ALBATROSS IV	65-11	40	1-METER NAT. DREDGE	08-22-65	40-30	67-42	421	SAND
ALBATROSS IV	65-11	40	1-METER NAT. DREDGE	08-22-65	40-30	67-42	421	SAND
ALBATROSS IV	65-11	49	1-METER NAT. DREDGE	08-23-65	42-06	66-20	95	GRAVEL
ALBATROSS IV	65-11	56	1-METER NAT. DREDGE	08-24-65	43-10	67-30	188	SAND
ALBATROSS IV	65-11	56	1-METER NAT. DREDGE	08-24-65	43-10	67-30	188	SAND
ALBATROSS IV	65-11	59	SCALLOP DREDGE	08-25-65	42-30	68-10	156	SAND
ALBATROSS IV	65-11	70	1-METER NAT. DREDGE	08-26-65	42-23	70-22	31	SILT
ALBATROSS IV	65-14	95	OTTER TRAWL	10-18-65	42-07	67-17	66	SILT
GOSNOLD	90	2500	WHOI PIPE DREDGE	08-04-66	37-03	74-38	472	SANDY MUD
GOSNOLD	90	2592	WHOI CHAIN BAG DREDG	08-07-66	38-28	73-31	426	SANDY SILT
ALBATROSS IV	66-9	1008	1-METER NAT. DREDGE	07-16-66	42-08	65-42	315	TILLOID
ALBATROSS IV	67-19	1	OTTER TRAWL	10-12-67	42-28	70-15	55	
ALBATROSS IV	67-6	2	1-METER NAT. DREDGE	04-05-67	40-54	67-30	75	SILTY SAND
ALBATROSS IV	67-6	3	1-METER NAT. DREDGE	04-06-67	40-48	67-25	90	SILTY SAND
ALBATROSS IV	67-6	10	1-METER NAT. DREDGE	04-07-67	40-36	67-42	90	SILTY SAND
ALBATROSS IV	67-6	11	1-METER NAT. DREDGE	04-07-67	40-42	67-42	71	GRAVELLY SAN
ALBATROSS IV	67-6	12	1-METER NAT. DREDGE	04-07-67	40-40	68-01	84	SAND
ALBATROSS IV	67-12	34	SCALLOP DREDGE	07-07-67	40-52	67-38	70	SAND
ALBATROSS IV	67-12	67	SCALLOP DREDGE	07-08-67	41-15	66-38	82	SAND
A.E.VERRILL	67-1	5	MBL NAT. DREDGE	03-16-67	41-19	70-58	32	SANDY MUD
ALBATROSS IV	68-12	26	1-METER NAT. DREDGE	08-13-68	40-48	69-05	70	GRAVELLY SAN
ALBATROSS IV	68-12	27	1-METER NAT. DREDGE	08-13-68	40-47	68-58	71	SILTY SAND
ALBATROSS IV	68-12	28	1-METER NAT. DREDGE	08-13-68	40-52	68-59	79	SAND
ALBATROSS IV	68-12	32	1-METER NAT. DREDGE	08-13-68	41-13	68-58	102	GRAVELLY SAN
ALBATROSS IV	68-12	34	1-METER NAT. DREDGE	08-13-68	41-24	69-00	150	TILLOID
ALBATROSS IV	68-12	40	1-METER NAT. DREDGE	08-14-68	41-34	68-40	128	SANDY SILT
ALBATROSS IV	68-12	41	1-METER NAT. DREDGE	08-14-68	41-34	68-32	106	TILLOID
ALBATROSS IV	68-12	44	1-METER NAT. DREDGE	08-14-68	41-42	68-20	64	SAND
ALBATROSS IV	68-12	54	1-METER NAT. DREDGE	08-14-68	42-05	67-22	49	SANDY GRAVEL
ALBATROSS IV	68-12	64	1-METER NAT. DREDGE	08-15-68	42-27	66-42	329	TILLOID

TABLE 51 CONT'D

COLUS PYGMAEUS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	68-12	72	1-METER NAT. DREDGE	08-15-68	42-22	65-55	192	GRAVEL
ALBATROSS IV	68-12	101	1-METER NAT. DREDGE	08-16-68	42-54	65-48	119	GRAVEL
ALBATROSS IV	68-12	106	1-METER NAT. DREDGE	08-17-68	43-12	65-33	73	SHELLY SAND
ALBATROSS IV	68-12	125	1-METER NAT. DREDGE	08-17-68	43-34	66-20	73	GRAVEL
ALBATROSS IV	68-12	146	1-METER NAT. DREDGE	08-18-68	44-25	66-54	99	TILLOID
ALBATROSS IV	68-12	149	1-METER NAT. DREDGE	08-18-68	44-24	67-14	90	TILLOID
ALBATROSS IV	68-12	152	1-METER NAT. DREDGE	08-18-68	44-25	67-34	64	SILT-CLAY
ALBATROSS IV	68-12	152	1-METER NAT. DREDGE	08-18-68	44-25	67-34	64	SILT-CLAY
ALBATROSS IV	68-12	154	1-METER NAT. DREDGE	08-18-68	44-20	67-40	73	SILT-CLAY
ALBATROSS IV	68-12	158	1-METER NAT. DREDGE	08-18-68	44-11	67-53	70	TILLOID
ALBATROSS IV	68-12	160	1-METER NAT. DREDGE	08-19-68	44-18	67-58	49	TILLOID
ALBATROSS IV	68-12	161	1-METER NAT. DREDGE	08-19-68	44-18	68-04	46	SILT-CLAY
ALBATROSS IV	68-12	162	1-METER NAT. DREDGE	08-19-68	44-13	68-04	55	TILLOID
ALBATROSS IV	68-12	164	1-METER NAT. DREDGE	08-19-68	44-09	67-57	80	TILLOID
ALBATROSS IV	68-12	168	DIGBY DRAG	08-19-68	44-00	68-08	73	SILTY SAND
ALBATROSS IV	68-12	168	DIGBY DRAG	08-19-68	44-00	68-08	73	SILTY SAND
ALBATROSS IV	68-12	169	1-METER NAT. DREDGE	08-19-68	44-00	68-16	101	SILT-CLAY
ALBATROSS IV	68-12	170	1-METER NAT. DREDGE	08-19-68	44-00	68-22	101	SILT-CLAY
ALBATROSS IV	68-12	170	1-METER NAT. DREDGE	08-19-68	44-00	68-22	101	SILT-CLAY
ALBATROSS IV	68-12	171	1-METER NAT. DREDGE	08-19-68	44-00	68-29	88	TILLOID
ALBATROSS IV	68-12	172	1-METER NAT. DREDGE	08-19-68	43-56	68-34	88	SILT-CLAY
ALBATROSS IV	68-12	173	1-METER NAT. DREDGE	08-19-68	43-52	68-38	91	TILLOID
ALBATROSS IV	68-12	175	1-METER NAT. DREDGE	08-19-68	43-45	68-47	102	TILLOID
ALBATROSS IV	68-12	179	1-METER NAT. DREDGE	08-19-68	43-50	69-04	68	SILT-CLAY
ALBATROSS IV	68-12	180	1-METER NAT. DREDGE	08-19-68	43-48	69-08	79	TILLOID
ALBATROSS IV	68-12	181	1-METER NAT. DREDGE	08-19-68	43-48	69-14	77	TILLOID
ALBATROSS IV	68-12	183	1-METER NAT. DREDGE	08-19-68	43-45	69-26	64	TILLOID
ALBATROSS IV	68-12	184	1-METER NAT. DREDGE	08-19-68	43-42	69-30	137	CLAYEY SILT
ALBATROSS IV	68-12	185	1-METER NAT. DREDGE	08-19-68	43-40	69-35	82	TILLOID
ALBATROSS IV	68-12	186	1-METER NAT. DREDGE	08-19-68	43-40	69-42	64	TILLOID
ALBATROSS IV	68-12	188	1-METER NAT. DREDGE	08-20-68	43-39	69-55	29	GRAVEL
ALBATROSS IV	68-12	189	1-METER NAT. DREDGE	08-20-68	43-36	69-51	70	GRAVEL
ALBATROSS IV	68-12	[illegible]	1-METER NAT. DREDGE	08-20-68	[illegible]	[illegible]	[illegible]	SILTY SAND

TABLE 51 CONT'D

COLUS PYGMAEUS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	68-12	198	1-METER NAT. DREDGE	08-20-68	43-22	70-18	37	SHELLY GRAVE
ALBATROSS IV	68-12	199	1-METER NAT. DREDGE	08-20-68	43-17	70-24	46	TILLOID
ALBATROSS IV	68-12	199	1-METER NAT. DREDGE	08-20-68	43-17	70-24	46	TILLOID
ALBATROSS IV	68-12	199	1-METER NAT. DREDGE	08-20-68	43-17	70-24	46	TILLOID
ALBATROSS IV	68-12	210	1-METER NAT. DREDGE	08-20-68	42-55	70-39	46	TILLOID
ALBATROSS IV	68-12	210	1-METER NAT. DREDGE	08-20-68	42-55	70-39	46	TILLOID
ALBATROSS IV	68-12	210	1-METER NAT. DREDGE	08-20-68	42-55	70-39	46	TILLOID
ALBATROSS IV	68-12	210	1-METER NAT. DREDGE	08-20-68	42-55	70-39	46	TILLOID
ALBATROSS IV	68-12	213	1-METER NAT. DREDGE	08-20-68	42-46	70-22	88	TILLOID
ALBATROSS IV	68-12	213	1-METER NAT. DREDGE	08-20-68	42-46	70-22	88	TILLOID
ALBATROSS IV	68-12	215	1-METER NAT. DREDGE	08-20-68	42-54	70-07	58	GRAVELLY S
ALBATROSS IV	68-12	219	1-METER NAT. DREDGE	08-21-68	42-45	69-50	238	TILLOID
ALBATROSS IV	68-12	224	1-METER NAT. DREDGE	08-21-68	42-40	70-24	60	SANDY GRAVEL
ALBATROSS IV	68-12	225	1-METER NAT. DREDGE	08-21-68	42-38	70-28	91	SILTY SAND
ALBATROSS IV	68-12	234	1-METER NAT. DREDGE	08-21-68	42-12	70-26	64	SILT-CLAY
ALBATROSS IV	68-12	234	1-METER NAT. DREDGE	08-21-68	42-12	70-26	64	SILT-CLAY
ALBATROSS IV	68-12	238	1-METER NAT. DREDGE	08-21-68	42-03	70-29	53	TILLOID
ALBATROSS IV	68-12	239	1-METER NAT. DREDGE	08-21-68	41-58	70-27	49	TILLOID
DELAWARE	73-5	17	1-METER NAT. DREDGE	06-16-73	40-18	69-37	79	
DELAWARE	73-5	25	1-METER NAT. DREDGE	06-14-73	40-17	69-31	77	SILTY SAND
DELAWARE	73-5	25	1-METER NAT. DREDGE	06-14-73	40-17	69-31	77	SILTY SAND
DELAWARE	73-5	45	1-METER NAT. DREDGE	06-15-73	39-58	69-23	143	

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COLUS STIMPSONI

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	80	2	DIGBY DRAG	08-12-56	40-49	66-58	93	SAND
ALBATROSS III	80	6	DIGBY DRAG	08-16-56	41-23	67-38	40	SAND
ALBATROSS III	80	7	DIGBY DRAG	08-17-56	41-06	68-52	95	SAND
ALBATROSS III	80	7	DIGBY DRAG	08-17-56	41-06	68-52	95	SAND
ALBATROSS III	119	43	OTTER TRAWL	10-08-58	42-34	65-15	99	
ALBATROSS III	122	1	1-METER NAT. DREDGE	11-17-58	42-12	70-09	44	SHELLY SAND
ALBATROSS III	122	1	1-METER NAT. DREDGE	11-17-58	42-12	70-09	44	SHELLY SAND
DELAWARE	59-13	59	OTTER TRAWL	10-25-59	42-10	67-11	80	
DELAWARE	61-10	24	1-METER NAT. DREDGE	06-22-61	43-00	68-15	220	SILTY CLAY
DELAWARE	61-10	38	1-METER NAT. DREDGE	06-23-61	43-10	69-00	174	CLAYEY SAND
DELAWARE	61-10	44	1-METER NAT. DREDGE	06-24-61	43-10	67-30	211	TILLOID
DELAWARE	61-10	97	1-METER NAT. DREDGE	06-28-61	44-00	66-30	119	SHELLY GRAVE
DELAWARE	61-10	107	SMITH MCINTYRE GRAB	06-29-61	43-29	68-16	183	SAND-SILT-CL
ALBATROSS IV	63-7	15	OTTER TRAWL	11-15-63	43-15	69-38	159	
ALBATROSS IV	63-7	18	OTTER TRAWL	11-15-63	42-42	69-06	152	
ALBATROSS IV	63-7	29	OTTER TRAWL	11-17-63	43-52	68-31	102	
ALBATROSS IV	63-7	92	OTTER TRAWL	11-26-63	41-55	67-49	55	
ALBATROSS IV	63-7	105	OTTER TRAWL	12-03-63	41-51	69-48	106	
ALBATROSS IV	63-7	138	OTTER TRAWL	12-07-63	41-05	69-09	70	
ALBATROSS IV	64-12	202	SCALLOP DREDGE	10-10-64	40-56	67-11	82	SAND
ALBATROSS IV	64-12	205	SCALLOP DREDGE	10-11-64	41-07	67-48	49	SAND
ALBATROSS IV	64-13	45	OTTER TRAWL	11-16-64	43-09	67-46	183	GRAVEL
ALBATROSS IV	64-13	45	OTTER TRAWL	11-16-64	43-09	67-46	183	GRAVEL
ALBATROSS IV	64-6	3	OTTER TRAWL	05-01-64	42-04	67-39	51	
ALBATROSS IV	65-1	7	OTTER TRAWL	01-23-65	40-48	67-07	93	
ALBATROSS IV	65-6	2	SCALLOP DREDGE	05-06-65	42-08	67-22	95	
ALBATROSS IV	65-6	3	SCALLOP DREDGE	05-06-65	42-08	67-18	91	
ALBATROSS IV	65-6	63	SCALLOP DREDGE	05-08-65	41-54	66-18	82	
ALBATROSS IV	65-6	90	SCALLOP DREDGE	05-09-65	41-45	66-16	88	
ALBATROSS IV	65-6	104	SCALLOP DREDGE	05-10-65	41-38	66-16	93	
ALBATROSS IV	65-6	121	SCALLOP DREDGE	05-10-65	41-25	66-48	77	
ALBATROSS IV	65-6	123	SCALLOP DREDGE	05-10-65	41-35	66-38	82	SAND

TABLE 52 CONT'D

COLUS STIMPSONI

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	65-13	48	SCALLOP DREDGE	09-25-65	40-42	67-22	95	
ALBATROSS IV	65-13	87	SCALLOP DREDGE	09-26-65	41-28	66-37	80	SAND
ALBATROSS IV	65-13	95	SCALLOP DREDGE	09-26-65	41-35	66-12	91	SAND
ALBATROSS IV	65-13	118	SCALLOP DREDGE	09-28-65	41-45	66-01	97	GRAVELLY SAN
ALBATROSS IV	65-11	4	1-METER NAT. DREDGE	08-17-65	40-50	71-00	57	SILT
ALBATROSS IV	65-11	30	SCALLOP DREDGE	08-20-65	40-18	69-18	84	SAND
ALBATROSS IV	65-11	30	SCALLOP DREDGE	08-20-65	40-18	69-18	84	SAND
ALBATROSS IV	65-11	45	SCALLOP DREDGE	08-22-65	41-14	66-38	82	SAND
ALBATROSS IV	65-11	49	1-METER NAT. DREDGE	08-23-65	42-06	66-20	95	GRAVEL
ALBATROSS IV	65-11	70	1-METER NAT. DREDGE	08-26-65	42-23	70-22	31	SILT
GOSNOLD	90	2500	WHOI PIPE DREDGE	08-04-66	37-03	74-38	472	SANDY MUD
ALBATROSS IV	66-9	11	SCALLOP DREDGE	07-12-66	42-04	67-12	49	SAND
ALBATROSS IV	66-9	78	SCALLOP DREDGE	07-16-66	41-55	66-06	93	GRAVELLY SAN
ALBATROSS IV	66-9	81	SCALLOP DREDGE	07-16-66	41-52	66-18	86	SAND
ALBATROSS IV	66-9	100	SCALLOP DREDGE	07-17-66	41-45	66-03	93	GRAVELLY SAN
ALBATROSS IV	66-9	160	SCALLOP DREDGE	07-21-66	40-56	67-18	82	GRAVELLY SAN
ALBATROSS IV	66-9	1006	1-METER NAT. DREDGE	07-16-66	42-16	65-44	216	GRAVEL
ALBATROSS IV	66-9	1007	1-METER NAT. DREDGE	07-16-66	42-10	65-37	238	TILLOID
ALBATROSS IV	66-9	1012	1-METER NAT. DREDGE	07-16-66	41-58	65-51	183	SANDY GRAVEL
ALBATROSS IV	67-6	2	1-METER NAT. DREDGE	04-05-67	40-54	67-30	75	SILTY SAND
ALBATROSS IV	67-12	13	SCALLOP DREDGE	07-06-67	40-48	67-50	64	SAND
ALBATROSS IV	67-12	17	SCALLOP DREDGE	07-06-67	40-42	67-48	75	SAND
ALBATROSS IV	67-12	25	SCALLOP DREDGE	07-06-67	40-59	67-43	60	SHELLY SAND
ALBATROSS IV	67-12	39	SCALLOP DREDGE	07-07-67	40-52	67-33	73	SAND
ALBATROSS IV	67-12	44	SCALLOP DREDGE	07-07-67	40-54	67-28	75	SAND
ALBATROSS IV	67-12	46	SCALLOP DREDGE	07-07-67	40-58	67-23	70	SHELLY SAND
ALBATROSS IV	67-12	60	SCALLOP DREDGE	07-07-67	40-58	67-04	77	SHELLY SAND
ALBATROSS IV	67-12	62	SCALLOP DREDGE	07-08-67	41-12	66-37	86	SAND
ALBATROSS IV	67-12	64	SCALLOP DREDGE	07-08-67	41-12	66-47	71	SAND
ALBATROSS IV	67-12	66	SCALLOP DREDGE	07-08-67	41-15	66-43	75	SAND
ALBATROSS IV	67-12	68	SCALLOP DREDGE	07-08-67	41-15	66-33	82	SAND
ALBATROSS IV	67-12	70	SCALLOP DREDGE	07-08-67	41-18	66-36	82	SAND
ALBATROSS IV	67-12	74	SCALLOP DREDGE	07-08-67	41-22	66-43	77	SAND

TABLE 52 CONT'D

COLUS STIMPSONI

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	67-12	76	SCALLOP DREDGE	07-08-67	41-22	66-30	86	SAND
ALBATROSS IV	67-12	78	SCALLOP DREDGE	07-08-67	41-22	66-22	95	SAND
ALBATROSS IV	67-12	88	SCALLOP DREDGE	07-08-67	41-29	66-33	84	SAND
ALBATROSS IV	67-12	90	SCALLOP DREDGE	07-08-67	41-29	66-24	97	SAND
ALBATROSS IV	67-12	93	SCALLOP DREDGE	07-08-67	41-32	66-18	88	SAND
ALBATROSS IV	67-12	94	SCALLOP DREDGE	07-08-67	41-32	66-14	88	SAND
ALBATROSS IV	67-12	105	SCALLOP DREDGE	07-09-67	41-42	66-12	88	SAND
ALBATROSS IV	67-12	107	SCALLOP DREDGE	07-09-67	41-42	66-22	84	SAND
ALBATROSS IV	67-12	141	SCALLOP DREDGE	07-10-67	41-55	66-07	93	SH SG
ALBATROSS IV	67-12	195	SCALLOP DREDGE	07-12-67	42-07	66-22	92	SHELLY GRAV
ALBATROSS IV	68-12	7	1-METER NAT. DREDGE	08-12-68	41-33	69-40	35	GRAVELLY SA
ALBATROSS IV	68-12	54	1-METER NAT. DREDGE	08-14-68	42-05	67-22	49	SANDY GRAVEL
ALBATROSS IV	68-12	88	1-METER NAT. DREDGE	08-16-68	42-23	65-32	91	SANDY GRAVEL
ALBATROSS IV	68-12	94	SCALLOP DREDGE	08-16-68	42-46	66-01	82	GRAVEL
ALBATROSS IV	68-12	96	1-METER NAT. DREDGE	08-16-68	42-50	66-10	57	SANDY GRAVEL
ALBATROSS IV	68-12	105	1-METER NAT. DREDGE	08-17-68	43-06	65-34	101	SHELLY SAND
ALBATROSS IV	68-12	112	1-METER NAT. DREDGE	08-17-68	43-13	66-08	73	SANDY GRAVEL
ALBATROSS IV	68-12	114	1-METER NAT. DREDGE	08-17-68	43-12	66-21	84	SHELLY SAND
ALBATROSS IV	68-12	115	1-METER NAT. DREDGE	08-17-68	43-10	66-29	91	SANDY SHELL
ALBATROSS IV	68-12	122	1-METER NAT. DREDGE	08-17-68	43-25	66-16	82	GRAVEL
ALBATROSS IV	68-12	123	1-METER NAT. DREDGE	08-17-68	43-27	66-12	55	GRAVEL
ALBATROSS IV	68-12	124	1-METER NAT. DREDGE	08-17-68	43-30	66-16	80	GRAVEL
ALBATROSS IV	68-12	125	1-METER NAT. DREDGE	08-17-68	43-34	66-20	73	GRAVEL
ALBATROSS IV	68-12	126	1-METER NAT. DREDGE	08-17-68	43-39	66-25	77	SANDY GRAVEL
ALBATROSS IV	68-12	127	1-METER NAT. DREDGE	08-17-68	43-42	66-29	95	SANDY GRAVEL
ALBATROSS IV	68-12	128	1-METER NAT. DREDGE	08-17-68	43-46	66-34	93	GRAVEL
ALBATROSS IV	68-12	131	1-METER NAT. DREDGE	08-18-68	43-56	66-36	91	GRAVEL
ALBATROSS IV	68-12	133	1-METER NAT. DREDGE	08-18-68	44-01	66-26	70	GRAVEL
ALBATROSS IV	68-12	135	1-METER NAT. DREDGE	08-18-68	44-06	66-26	73	GRAVELLY SAN
ALBATROSS IV	68-12	183	1-METER NAT. DREDGE	08-19-68	43-45	69-26	64	TILLOID
ALBATROSS IV	68-12	187	1-METER NAT. DREDGE	08-19-68	43-39	69-48	46	SHELLY SAND
ALBATROSS IV	68-12	210	1-METER NAT. DREDGE	08-20-68	42-55	70-39	46	TILLOID

TABLE 52 CONT'D

COLUS STIMPSONI

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	68-12	210	1-METER NAT. DREDGE	08-20-68	42-55	70-39	46	TILLOID
ALBATROSS IV	68-12	225	1-METER NAT. DREDGE	08-21-68	42-38	70-28	91	SILTY SAND
ALBATROSS IV	68-12	226	1-METER NAT. DREDGE	08-21-68	42-34	70-32	64	SILT-CLAY
ALBATROSS IV	68-12	235	QUAHOG DREDGE	08-21-68	42-08	70-31	37	SAND
DELAWARE	71-1	132	HYDRAULIC CLAM DREDG	06-05-71	42-08	70-16	62	
ALBATROSS IV	74-7	15	OTTER TRAWL	07-12-74	39-14	72-20	452	
ALBATROSS IV	74-7	68	OTTER TRAWL	07-24-74	39-40	71-49	585	

TOTAL SAMPLES 106

TABLE 53

COLUS VENTRICOSUS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	65-11	59	1-METER NAT. DREDGE	08-25-65	42-30	68-10	156	SAND
ALBATROSS IV	65-11	59	1-METER NAT. DREDGE	08-25-65	42-30	68-10	156	

TOTAL SAMPLES 2

TABLE 54 COLUS SP

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	101	198	SMITH MCINTYRE GRAB	08-29-57	41-00	69-15	60	GRAVELLY SAN
ALBATROSS III	101	198	SMITH MCINTYRE GRAB	08-29-57	41-00	69-15	60	GRAVELLY SAN
ALBATROSS IV	74-7	21	OTTER TRAWL	07-13-74	38-12	73-40	416	
ALBATROSS IV	74-7	23	OTTER TRAWL	07-14-74	37-58	73-55	356	
ALBATROSS IV	74-7	48	OTTER TRAWL	07-19-74	40-48	66-36	521	
ALBATROSS IV	74-7	67	OTTER TRAWL	07-23-74	39-44	71-46	462	

TOTAL SAMPLES 6

TABLE 55

CORYPHELLA SALMONACEA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	65-13	7	RING OR STRAMIN NET	09-23-65	40-41	67-57	80	SAND
ALBATROSS IV	65-13	160	RING OR STRAMIN NET	09-30-65	40-49	69-16	55	

TOTAL SAMPLES 2

TABLE 56 **CORYPHELLA STIMPSONI** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	65-13	158	RING OR STRAMIN NET	09-30-65	40-45	69-12	64	SAND

TOTAL SAMPLES 1

TABLE 57 **COUTHOUYELLA STRIATULA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	60	1	FISH STOMACHS	04-19-55	42-42	70-09	115	
ALBATROSS III	122	30	1-METER NAT. DREDGE	11-21-58	42-04	70-00	53	GRAVEL
ALBATROSS III	122	32	1-METER NAT. DREDGE	11-21-58	42-08	70-03	48	SAND
DELAWARE	59-9	50	SMITH MCINTYRE GRAB	08-07-59	43-08	66-08	77	SANDY GRAVEL
DELAWARE	59-9	57	SMITH MCINTYRE GRAB	08-07-59	42-50	66-04	70	GRAVEL
DELAWARE	59-9	85	SMITH MCINTYRE GRAB	08-08-59	42-21	65-28	110	SAND
GOSNOLD	22	1140	CAMPBELL GRAB	08-09-63	42-41	65-02	109	SAND
GOSNOLD	24	1209	CAMPBELL GRAB	08-24-63	42-10	70-14	35	SAND
GOSNOLD	24	1209	CAMPBELL GRAB	08-24-63	42-10	70-14	35	SAND

TOTAL SAMPLES 9

TABLE 58 **CREPIDULA CONVEXA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		9301	MISC. GEAR	07-15-54	41-31	70-41	3	
		9203	MISC. GEAR	05-22-60	41-47	69-59	1	
		9311	6 FOOT SEINE	02-21-60	41-33	70-33	1	
		9311	6 FOOT SEINE	09-18-60	41-33	70-33	1	SAND-GRAVEL
		9401	DIP NET	10-02-60	41-42	70-37	1	
		9305	DIP NET	03-26-61	41-32	70-38	1	
		9205	DIP NET	11-12-62	41-44	69-59	1	SAND
		9301	DIP NET	01-21-62	41-31	70-41	1	MUD
		9301	OTTER TRAWL	03-20-62	41-31	70-41	3	
		9301	MISC. GEAR	01-20-62	41-31	70-41	1	
		9301	MISC. GEAR	01-20-62	41-31	70-41	1	
		9311	MISC. GEAR	07-28-62	41-33	70-33	1	
		9311	MISC. GEAR	08-02-62	41-33	70-33	1	
GOSNOLD	11	1008	CAMPBELL GRAB	04-30-63	41-22	70-48	26	SAND

TOTAL SAMPLES 14

TABLE 59

CREPIDULA FORNICATA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		9301	DIP NET	06-10-54	41-31	70-41	1	
		9301	MISC. GEAR	07-15-54	41-31	70-41	3	
		9301		01-25-55	41-31	70-41	0	
ALBATROSS III	70	45	DIGBY DRAG	12-15-55	41-06	68-19	38	SAND
ALBATROSS III	124	6	1-METER NAT. DREDGE	12-17-58	41-27	70-53	15	
ALBATROSS III	124	6	1-METER NAT. DREDGE	12-17-58	41-27	70-54	15	
		9201	6 FOOT SEINE	02-22-60	41-42	69-58	1	SAND
		9303	DIP NET	02-06-60	41-33	70-35	1	
		9311	6 FOOT SEINE	02-21-60	41-33	70-33	1	
		9407	6 FOOT SEINE	02-13-60	41-35	70-39	1	
		9301	MISC. GEAR	12-18-61	41-31	70-41	0	
		9301	MISC. GEAR	12-18-61	41-31	70-41	0	
		9313	DIP NET	09-04-61	41-33	70-32	1	SAND
BLUEBACK		9505	MISC. GEAR	11-02-61	41-28	70-38	5	
		9311	MISC. GEAR	07-28-62	41-33	70-33	1	
		9311	MISC. GEAR	08-02-62	41-33	70-33	1	
BLUEBACK	62-4	1	VAN VEEN BCF 0.2M2	11-13-62	41-28	70-38	3	
BLUEBACK	62-4	1	VAN VEEN BCF 0.2M2	11-13-62	41-28	70-38	3	SILT
BLUEBACK	62-4	1	VAN VEEN BCF 0.2M2	11-13-62	41-28	70-38	3	SILT
GOSNOLD	10	1005	CAMPBELL GRAB	04-26-63	41-28	70-52	22	SANDY SILT
ALBATROSS IV	63-7	137	OTTER TRAWL	12-07-63	41-08	68-36	49	
		9402	6 FOOT SEINE	10-04-64	41-41	70-39	1	MUDDY SAND
GOSNOLD	45	1513	CAMPBELL GRAB	05-23-64	29-40	81-00	15	SAND
GOSNOLD	45	1861	CAMPBELL GRAB	06-26-64	34-46	75-45	38	SHELLY SAND
GOSNOLD	51	2199	WHOI CHAIN BAG DREDG	09-16-64	41-09	68-42	61	
ALBATROSS IV	64-13	100	1-METER NAT. DREDGE	10-31-64	41-09	68-43	59	PEAT
ALBATROSS IV	64-1	102	OTTER TRAWL	01-28-64	41-44	68-00	33	
ALBATROSS IV	64-1	105	OTTER TRAWL	01-28-64	41-46	68-21	137	
ALBATROSS IV	65-6	28	SCALLOP DREDGE	05-07-65	42-04	67-26	51	
ASTERIAS	65-1	2252	SMITH MCINTYRE GRAB	05-18-65	33-33	78-57	8	SHELLY SAND
ALBATROSS IV	68-12	1	1-METER NAT. DREDGE	08-12-68	41-28	70-28	16	SAND
ALBATROSS IV	68-12	2	1-METER NAT. DREDGE	08-12-68	41-28	70-28	13	SAND

TABLE 59 CONT'D

CREPIDULA FORNICATA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	68-12	4	1-METER NAT. DREDGE	08-12-68	41-29	70-04	15	SAND
		9403	DIVING PERSON-SCUBA	07-06-69	41-32	70-40	1	

TOTAL SAMPLES 35

TABLE 60 **CREPIDULA PLANA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		9301	MISC. GEAR	07-15-54	41-31	70-41	3	
		9301		01-25-55	41-31	70-41	0	
ALBATROSS III	67	1	QUAHOG DREDGE	10-03-55	41-00	70-48	44	SAND
ALBATROSS III	70	4	DIGBY DRAG	12-07-55	41-06	68-38	48	SAND
ALBATROSS III	70	11	DIGBY DRAG	12-08-55	41-37	66-38	80	SAND
ALBATROSS III	70	32	DIGBY DRAG	12-13-55	42-03	65-42	238	GRAVEL
ALBATROSS III	70	38	DIGBY DRAG	12-14-55	41-40	67-36	51	GRAVEL
ALBATROSS III	70	45	1-METER SLED NET	12-15-55	41-06	68-19	38	SAND
		9201	6 FOOT SEINE	08-26-56	41-40	69-57	1	SAND
ALBATROSS III	80	6	DIGBY DRAG	08-16-56	41-23	67-38	40	SAND
ALBATROSS III	80	6	DIGBY DRAG	08-16-56	41-23	67-38	40	SAND
ALBATROSS III	80	6	DIGBY DRAG	08-16-56	41-23	67-38	40	SAND
ALBATROSS III	80	6	DIGBY DRAG	08-16-56	41-23	67-38	40	SAND
ALBATROSS III	80	6	DIGBY DRAG	08-16-56	41-23	67-38	40	SAND
ALBATROSS III	80	6	DIGBY DRAG	08-16-56	41-21	67-35	38	SAND
ALBATROSS III	82	49	OTTER TRAWL	11-13-56	41-38	69-38	70	
ALBATROSS III	119	64	OTTER TRAWL	10-14-58	41-39	67-40	35	
ALBATROSS III	124	2	1-METER SLED NET	12-16-58	41-28	70-43	22	
ALBATROSS III	124	6	1-METER NAT. DREDGE	12-17-58	41-28	70-52	20	
ALBATROSS III	124	6	1-METER NAT. DREDGE	12-17-58	41-27	70-54	15	
ALBATROSS III	124	6	1-METER NAT. DREDGE	12-17-58	41-27	70-54	15	
		5		04-12-59	41-05	68-45	60	
WHALING CITY	113	47	SCALLOP DREDGE	05-19-59	41-05	68-45	66	
		9102	MISC. GEAR	11-13-60	41-43	70-16	0	
		9311	6 FOOT SEINE	09-18-60	41-33	70-33	1	SAND-GRAVEL
BLUEBACK		9503	1-METER SLED NET	11-02-61	41-28	70-45	3	
		9311	MISC. GEAR	07-28-62	41-33	70-33	1	
DELAWARE	62-7	2	1-METER NAT. DREDGE	06-13-62	40-51	69-31	46	SAND
DELAWARE	62-7	3	1-METER NAT. DREDGE	06-13-62	40-40	69-31	51	SAND
DELAWARE	62-7	4	1-METER NAT. DREDGE	06-13-62	40-30	69-29	62	SAND
DELAWARE	62-7	5	1-METER NAT. DREDGE	06-13-62	40-21	69-30	77	SAND
DELAWARE	62-7	14	1-METER NAT. DREDGE	06-14-62	40-40	69-45	59	SAND

TABLE 60 CONT'D

CREPIDULA PLANA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	62-7	16	1-METER NAT. DREDGE	06-15-62	40-46	70-00	38	SAND
DELAWARE	62-7	28	1-METER NAT. DREDGE	06-16-62	41-00	70-15	33	SAND
DELAWARE	62-7	29	1-METER NAT. DREDGE	06-16-62	41-11	70-16	28	SAND
DELAWARE	62-7	30	1-METER NAT. DREDGE	06-16-62	41-10	70-30	38	SAND
DELAWARE	62-7	31	1-METER NAT. DREDGE	06-16-62	41-00	70-30	48	SAND
DELAWARE	62-7	44	1-METER NAT. DREDGE	06-17-62	41-00	70-45	51	SAND
DELAWARE	62-7	45	1-METER NAT. DREDGE	06-17-62	41-10	70-45	38	GRAVELLY SAN
GOSNOLD	10	1006	CAMPBELL GRAB	04-26-63	41-32	70-47	18	SAND-SILT-CL
GOSNOLD	11	1008	CAMPBELL GRAB	04-30-63	41-22	70-48	26	SAND
GOSNOLD	12	1017	CAMPBELL GRAB	05-03-63	42-57	70-41	44	
ALBATROSS IV	63-7	115	OTTER TRAWL	12-04-63	41-21	68-30	66	
ALBATROSS IV	63-7	149	OTTER TRAWL	12-08-63	40-52	69-49	33	
		9402	6 FOOT SEINE	10-04-64	41-41	70-39	1	MUDDY SAND
GOSNOLD	45	1538	CAMPBELL GRAB	05-24-64	28-00	80-30	14	SHELLY SAND
GOSNOLD	45	1550	CAMPBELL GRAB	05-25-64	27-10	80-07	14	SANDY SHELL
GOSNOLD	45	1565	CAMPBELL GRAB	05-31-64	25-01	80-18	80	SAND
ALBATROSS IV	64-12	4	SCALLOP DREDGE	10-08-64	40-58	67-33	68	
ALBATROSS IV	64-12	203	SCALLOP DREDGE	10-10-64	41-12	67-00	64	SAND
ALBATROSS IV	64-12	204	SMITH MCINTYRE GRAB	10-10-64	41-08	67-15	64	SAND
ALBATROSS IV	64-12	205	SCALLOP DREDGE	10-11-64	41-07	67-48	49	SAND
ALBATROSS IV	64-12	206	SCALLOP DREDGE	10-11-64	41-14	68-20	59	SAND
ALBATROSS IV	64-12	207	SCALLOP DREDGE	10-11-64	40-56	68-20	48	SAND
ALBATROSS IV	64-1	86	OTTER TRAWL	01-27-64	42-00	66-50	60	
ALBATROSS IV	64-1	95	OTTER TRAWL	01-28-64	42-00	67-41	48	
ALBATROSS IV	64-1	102	OTTER TRAWL	01-28-64	41-44	68-00	33	
ALBATROSS IV	64-1	102	OTTER TRAWL	01-28-64	41-44	68-00	33	
ALBATROSS IV	64-1	103	OTTER TRAWL	01-28-64	41-52	68-10	152	
ALBATROSS IV	64-1	118	OTTER TRAWL	02-06-64	41-22	68-28	73	
ALBATROSS IV	64-1	188	OTTER TRAWL	02-14-64	40-20	72-42	49	
ALBATROSS IV	64-10	130	OTTER TRAWL	08-17-64	43-38	69-36	86	
ASTERIAS	64-1	1412	SMITH MCINTYRE GRAB	04-23-64	41-23	70-24	14	SANDY GRAVEL
ASTERIAS	64-2	1929	SMITH MCINTYRE GRAB	07-17-64	41-49	70-04	8	SAND
ASTERIAS	64-2	1954	SMITH MCINTYRE GRAB	07-26-64	40-29	74-08	8	SH SI C

TABLE 60 CONT'D

CREPIDULA PLANA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ASTERIAS	64-2	2000	WHOI MIN. VAN VEEN	08-03-64	37-40	75-32	13	SANDY SHELL
ALBATROSS IV	65-1	4	OTTER TRAWL	01-20-65	41-00	67-51	55	
ALBATROSS IV	65-1	5	OTTER TRAWL	01-21-65	41-02	67-30	64	
ALBATROSS IV	65-2	95	OTTER TRAWL	03-01-65	42-03	67-23	49	SANDY GRAVEL
ALBATROSS IV	65-6	22	SCALLOP DREDGE	05-06-65	42-05	66-58	60	
ALBATROSS IV	65-6	23	SCALLOP DREDGE	05-06-65	42-05	67-02	60	
ALBATROSS IV	65-6	38	SCALLOP DREDGE	05-07-65	42-02	66-44	73	
ALBATROSS IV	65-6	78	SCALLOP DREDGE	05-09-65	41-52	66-57	64	
ALBATROSS IV	65-6	107	SCALLOP DREDGE	05-10-65	41-36	66-22	88	
ALBATROSS IV	65-6	121	SCALLOP DREDGE	05-10-65	41-25	66-48	77	
ALBATROSS IV	65-6	180	SCALLOP DREDGE	05-12-65	40-58	67-47	53	
ALBATROSS IV	65-13	51	SCALLOP DREDGE	09-25-65	40-58	67-16	75	SAND
ALBATROSS IV	65-13	73	SCALLOP DREDGE	09-26-65	41-22	66-46	73	SAND
ALBATROSS IV	65-11	37	SCALLOP DREDGE	08-21-65	40-52	68-28	35	SAND
ALBATROSS IV	65-11	38	SCALLOP DREDGE	08-21-65	40-46	68-16	55	SAND
ALBATROSS IV	65-11	43	1-METER NAT. DREDGE	08-22-65	41-10	67-28	48	SAND
ALBATROSS IV	65-11	43	SCALLOP DREDGE	08-22-65	41-10	67-28	48	SAND
ALBATROSS IV	65-11	44	SCALLOP DREDGE	08-22-65	41-14	67-04	64	SAND
ASTERIAS	65-1	2294	SMITH MCINTYRE GRAB	05-28-65	31-58	80-45	10	SHELL
ALBATROSS IV	66-1	8	OTTER TRAWL	01-19-66	43-13	70-03	128	TILLOID
ALBATROSS IV	66-1	87	OTTER TRAWL	02-10-66	41-24	68-23	66	SAND
ALBATROSS IV	66-14	124	OTTER TRAWL	11-05-66	41-01	68-42	60	
ALBATROSS IV	66-9	5	SCALLOP DREDGE	07-12-66	42-04	67-22	49	SANDY GRAVEL
ALBATROSS IV	66-9	11	SCALLOP DREDGE	07-12-66	42-04	67-12	49	SAND
ALBATROSS IV	66-9	15	SCALLOP DREDGE	07-13-66	42-02	67-08	57	SAND
ALBATROSS IV	66-9	28	SCALLOP DREDGE	07-13-66	41-59	66-58	59	SAND
ALBATROSS IV	66-9	28	SCALLOP DREDGE	07-13-66	41-59	66-58	59	SAND
ALBATROSS IV	66-9	108	SCALLOP DREDGE	07-17-66	41-42	66-36	66	SAND
GOSNOLD	103	1	ROCK DREDGE	08-30-67	41-08	68-44	59	SANDY GRAVEL
GOSNOLD	103	2	ROCK DREDGE	08-30-67	41-09	68-43	59	SANDY GRAVEL
GOSNOLD	103	3	ROCK DREDGE	08-30-67	41-10	68-43	59	SANDY GRAVEL
GOSNOLD	103	4	ROCK DREDGE	08-30-67	41-10	68-41	59	SANDY GRAVEL

TABLE 60 CONT'D

CREPIDULA PLANA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	103	7	ROCK DREDGE	08-30-67	41-08	68-42	59	SANDY GRAVEL
ALBATROSS IV	67-6	1	1-METER NAT. DREDGE	04-05-67	41-07	67-39	51	SAND
ALBATROSS IV	67-12	1	SCALLOP DREDGE	07-06-67	40-48	68-08	60	SAND
ALBATROSS IV	67-12	5	SCALLOP DREDGE	07-06-67	40-45	68-03	82	SAND
ALBATROSS IV	67-12	7	SCALLOP DREDGE	07-06-67	40-51	67-59	64	SAND
ALBATROSS IV	67-12	9	SCALLOP DREDGE	07-06-67	40-57	67-57	64	SAND
ALBATROSS IV	67-12	11	SCALLOP DREDGE	07-06-67	40-55	67-54	57	SAND
ALBATROSS IV	67-12	13	SCALLOP DREDGE	07-06-67	40-48	67-58	64	SAND
ALBATROSS IV	67-12	21	SCALLOP DREDGE	07-06-67	40-47	67-48	64	SAND
ALBATROSS IV	67-12	25	SCALLOP DREDGE	07-06-67	40-59	67-43	60	SHELLY SAND
ALBATROSS IV	67-12	27	SCALLOP DREDGE	07-06-67	40-52	67-42	64	SAND
ALBATROSS IV	67-12	74	SCALLOP DREDGE	07-08-67	41-22	66-43	77	SAND
ALBATROSS IV	67-12	111	SCALLOP DREDGE	07-09-67	41-45	66-38	68	SHELLY SAND
ALBATROSS IV	67-12	123	SCALLOP DREDGE	07-09-67	41-48	66-22	80	SHELLY SAND
ALBATROSS IV	67-12	127	SCALLOP DREDGE	07-10-67	41-50	67-02	59	SAND
ALBATROSS IV	67-12	129	SCALLOP DREDGE	07-10-67	41-51	66-52	64	SAND
ALBATROSS IV	67-12	154	SCALLOP DREDGE	07-10-67	41-58	67-03	55	SAND
ALBATROSS IV	67-12	158	SCALLOP DREDGE	07-11-67	41-59	66-42	62	SAND-GRAVEL
ALBATROSS IV	67-12	178	SCALLOP DREDGE	07-11-67	42-02	67-17	46	SAND
ALBATROSS IV	67-12	180	SCALLOP DREDGE	07-11-67	42-02	67-27	33	SAND-GRAVEL
ALBATROSS IV	67-12	186	SCALLOP DREDGE	07-12-67	42-05	67-02	59	GRAVELLY SAN
ALBATROSS IV	67-21	90	OTTER TRAWL	11-19-67	41-43	68-08	40	
ALBATROSS IV	68-4	218	OTTER TRAWL	04-16-68	41-21	68-24	64	
ALBATROSS IV	68-12	2	1-METER NAT. DREDGE	08-12-68	41-28	70-20	13	SAND
ALBATROSS IV	68-12	3	1-METER NAT. DREDGE	08-12-68	41-30	70-13	15	SAND
ALBATROSS IV	68-12	4	1-METER NAT. DREDGE	08-12-68	41-29	70-04	15	SAND
ALBATROSS IV	68-12	6	1-METER NAT. DREDGE	08-12-68	41-34	69-47	22	GRAVELLY SAN
ALBATROSS IV	68-12	12	1-METER NAT. DREDGE	08-13-68	41-15	69-22	58	SAND
ALBATROSS IV	68-12	15	1-METER NAT. DREDGE	08-13-68	40-58	69-26	26	SAND
ALBATROSS IV	68-12	16	1-METER NAT. DREDGE	08-13-68	40-58	69-31	38	SAND
ALBATROSS IV	68-12	18	1-METER NAT. DREDGE	08-13-68	40-54	69-44	37	SAND
ALBATROSS IV	68-12	44	1-METER NAT. DREDGE	08-14-68	41-42	68-20	64	SAND
ALBATROSS IV	68-12	54	1-METER NAT. DREDGE	08-14-68	42-05	67-22	49	SANDY GRAVEL

TABLE 60 CONT'D

CREPIDULA PLANA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE

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CRUCIBULUM STRIATUM

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		6		10-05-55	41-00	70-48	49	
ALBATROSS III	67	1	DIGBY DRAG	10-05-55	41-00	70-48	42	SAND
ALBATROSS III	67	1	QUAHOG DREDGE	10-03-55	41-00	70-48	44	SAND
ALBATROSS III	67	1	QUAHOG DREDGE	10-03-55	41-00	70-48	44	SAND
ALBATROSS III	67	2	VAN VEEN BCF 0.2M2	10-04-55	40-30	70-35	68	SILT-CLAY
ALBATROSS III	69	8	DIGBY DRAG	11-17-55	40-35	67-59	84	GRAVEL
ALBATROSS III	70	3	DIGBY DRAG	12-07-55	40-51	68-55	66	SAND
ALBATROSS III	70	3	DIGBY DRAG	12-07-55	40-51	68-55	66	SAND
ALBATROSS III	80	1	DIGBY DRAG	08-11-56	40-34	68-17	95	SAND
ALBATROSS III	80	1	DIGBY DRAG	08-11-56	40-34	68-17	95	SAND
ALBATROSS III	80	2	DIGBY DRAG	08-12-56	40-49	66-58	90	SAND
ALBATROSS III	80	2	DIGBY DRAG	08-12-56	40-49	66-58	90	SAND
ALBATROSS III	80	2	OTTER TRAWL	08-12-56	40-49	66-58	90	SAND
ALBATROSS III	80	2	DIGBY DRAG	08-12-56	40-49	66-58	90	SAND
ALBATROSS III	80	2	DIGBY DRAG	08-12-56	40-49	66-58	90	SAND
ALBATROSS III	80	2	OTTER TRAWL	08-12-56	40-49	66-58	90	SAND
ALBATROSS III	80	2	OTTER TRAWL	08-12-56	40-49	66-58	90	SAND
ALBATROSS III	82	60	OTTER TRAWL	11-15-56	40-52	66-56	91	
ALBATROSS III	82	78	OTTER TRAWL	11-18-56	39-56	72-18	70	
		4		04-12-59	41-05	68-15	46	
WHALING CITY	214	1	SCALLOP DREDGE	06-03-59	41-26	66-33	88	
DELAWARE	62-7	4	1-METER NAT. DREDGE	06-13-62	40-30	69-29	62	SAND
DELAWARE	62-7	5	1-METER NAT. DREDGE	06-13-62	40-21	69-30	77	SAND
DELAWARE	62-7	6	1-METER NAT. DREDGE	06-13-62	40-10	69-31	92	SAND
DELAWARE	62-7	44	1-METER NAT. DREDGE	06-17-62	41-00	70-45	51	SAND
DELAWARE	62-7	48	1-METER NAT. DREDGE	06-18-62	40-50	71-00	59	SAND
DELAWARE	62-7	64	1-METER NAT. DREDGE	06-19-62	41-00	71-30	55	SAND
GOSNOLD	11	1008	CAMPBELL GRAB	04-30-63	41-22	70-48	26	SAND
GOSNOLD	13	1002	CAMPBELL GRAB	05-13-63	40-06	71-44	86	SAND
GOSNOLD	22	1185	CAMPBELL GRAB	08-14-63	44-37	67-22	24	SHELL
GOSNOLD	29	1282	CAMPBELL GRAB	10-10-63	40-22	72-02	57	SAND
GOSNOLD	29	1309	CAMPBELL GRAB	10-13-63	39-40	72-45	72	SAND
ALBATROSS IV	63-7	164	OTTER TRAWL	12-11-63	39-29	72-45	73	

TABLE 61 CONT'D

CRUCIBULUM STRIATUM

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	51	2198	WHOI CHAIN BAG DREDG	09-16-64	41-00	69-01	83	
GOSNOLD	51	2199	WHOI CHAIN BAG DREDG	09-16-64	41-09	68-42	61	
ALBATROSS IV	64-12	2	SCALLOP DREDGE	10-08-64	40-58	67-43	55	
ALBATROSS IV	64-13	17	OTTER TRAWL	10-27-64	39-34	72-59	57	SAND
ALBATROSS IV	64-13	20	OTTER TRAWL	10-27-64	39-47	72-33	64	SAND
ALBATROSS IV	64-13	18	OTTER TRAWL	11-12-64	43-22	70-00	152	CLAY
ALBATROSS IV	64-1	133	OTTER TRAWL	02-07-64	40-46	67-15	95	
ALBATROSS IV	64-1	143	OTTER TRAWL	02-09-64	41-06	69-09	73	
ALBATROSS IV	64-1	190	OTTER TRAWL	02-14-64	40-37	72-14	49	
ALBATROSS IV	64-10	94	OTTER TRAWL	08-11-64	41-22	69-28	35	
ALBATROSS IV	65-1	6	OTTER TRAWL	01-22-65	41-10	67-16	59	
ALBATROSS IV	65-4	111	OTTER TRAWL	03-31-65	40-13	72-13	64	SAND-SILT
ALBATROSS IV	65-6	165	SCALLOP DREDGE	05-12-65	40-52	67-23	86	
ALBATROSS IV	65-6	175	SCALLOP DREDGE	05-12-65	40-58	67-42	60	
ALBATROSS IV	65-13	60	RING OR STRAMIN NET	09-25-65	40-52	67-02	90	SAND
ALBATROSS IV	65-11	27	SCALLOP DREDGE	08-20-65	40-35	69-48	62	SAND
ALBATROSS IV	65-11	30	SCALLOP DREDGE	08-20-65	40-18	69-18	84	SAND
ALBATROSS IV	65-11	39	1-METER NAT. DREDGE	08-21-65	40-35	67-55	90	SAND
ALBATROSS IV	65-11	42	SCALLOP DREDGE	08-22-65	41-01	67-32	66	SAND
ALBATROSS IV	65-11	60	SCALLOP DREDGE	08-25-65	42-36	68-28	220	CLAY
ALBATROSS IV	65-14	171	OTTER TRAWL	11-06-65	40-06	72-05	70	SAND
ALBATROSS IV	65-14	173	OTTER TRAWL	11-07-65	39-58	72-17	77	SAND
ALBATROSS IV	66-1	180	OTTER TRAWL	02-22-66	39-44	72-42	77	SAND
ALBATROSS IV	66-1	181	OTTER TRAWL	02-22-66	39-59	73-25	51	SAND
ALBATROSS IV	66-13	143	SCALLOP DREDGE	10-03-66	38-22	74-02	59	
GOSNOLD	103	4	ROCK DREDGE	08-30-67	41-10	68-41	59	SANDY GRAVEL
ALBATROSS IV	67-6	3	1-METER NAT. DREDGE	04-06-67	40-48	67-25	90	SILTY SAND
ALBATROSS IV	67-6	12	1-METER NAT. DREDGE	04-07-67	40-40	68-01	84	SAND
ALBATROSS IV	67-12	35	SCALLOP DREDGE	07-07-67	40-55	67-38	68	SAND
ALBATROSS IV	67-12	39	SCALLOP DREDGE	07-07-67	40-52	67-33	73	SAND
ALBATROSS IV	67-12	44	SCALLOP DREDGE	07-07-67	40-54	67-28	75	SAND
ALBATROSS IV	68-12	25	1-METER NAT. DREDGE	08-13-68	40-47	69-10	42	SAND
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TABLE 61 CONT'D

CRUCIBULUM STRIATUM

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	68-12	26	1-METER NAT. DREDGE	08-13-68	40-48	69-05	70	GRAVELLY SAN
ALBATROSS IV	68-12	148	1-METER NAT. DREDGE	08-18-68	44-25	67-07	91	TILLOID
ALBATROSS IV	68-12	151	1-METER NAT. DREDGE	08-18-68	44-26	67-28	73	TILLOID
ALBATROSS IV	68-12	152	1-METER NAT. DREDGE	08-18-68	44-25	67-34	64	SILT-CLAY
ALBATROSS IV	68-12	162	1-METER NAT. DREDGE	08-19-68	44-13	68-04	55	TILLOID
DELAWARE	73-5	33	1-METER NAT. DREDGE	06-05-73	40-12	69-28	84	SILTY SAND

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CYLICHNA ALBA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		20		08-15-53	42-48	69-27	130	
		20		08-15-53	42-48	69-27	130	
ALBATROSS III	53	22	OTTER TRAWL	08-17-53	44-16	67-46	73	
		5		02-28-54	41-45	66-35	68	
		6		10-05-55	41-00	70-48	49	
ALBATROSS III	56	72	OTTER TRAWL	02-08-55	42-08	67-39	179	
ALBATROSS III	67	1	DIGBY DRAG	10-05-55	41-00	70-48	42	SAND
ALBATROSS III	69	10	DIGBY DRAG	11-19-55	40-31	67-19	144	SAND
ALBATROSS III	70	43	DIGBY DRAG	12-15-55	41-40	68-40	157	SAND
ALBATROSS III	70	56	DIGBY DRAG	12-19-55	41-22	69-17	102	SAND
ALBATROSS III	80	1	DIGBY DRAG	08-11-56	40-34	68-17	95	SAND
ALBATROSS III	101	39	SMITH MCINTYRE GRAB	08-23-57	40-39	68-51	62	SAND
ALBATROSS III	101	49	SMITH MCINTYRE GRAB	08-23-57	41-30	68-50	146	SAND
ALBATROSS III	101	51	SMITH MCINTYRE GRAB	08-23-57	41-39	68-50	150	SAND
ALBATROSS III	101	62	SMITH MCINTYRE GRAB	08-24-57	41-31	68-23	46	SAND
ALBATROSS III	101	150	SMITH MCINTYRE GRAB	08-27-57	42-22	65-47	152	GRAVELLY SAN
ALBATROSS III	101	181	SMITH MCINTYRE GRAB	08-28-57	40-46	67-45	68	SAND
ALBATROSS III	101	218	SMITH MCINTYRE GRAB	08-29-57	41-30	68-28	77	SAND
ALBATROSS III	122	6	1-METER NAT. DREDGE	11-18-58	42-16	70-13	40	GRAVEL
ALBATROSS III	122	31	1-METER NAT. DREDGE	11-21-58	42-07	70-02	53	SAND
ALBATROSS III	122	31	1-METER NAT. DREDGE	11-21-58	42-07	70-02	53	SAND
ALBATROSS III	122	32	1-METER NAT. DREDGE	11-21-58	42-08	70-03	48	SAND
ALBATROSS III	124	6	1-METER NAT. DREDGE	12-17-58	41-27	70-54	15	
DELAWARE	59-9	61	SMITH MCINTYRE GRAB	08-07-59	42-30	66-04	216	SAND
DELAWARE	61-10	29	SMITH MCINTYRE GRAB	06-23-61	43-00	69-30	201	MUDDY GRAVEL
DELAWARE	61-10	33	SMITH MCINTYRE GRAB	06-23-61	43-10	70-15	150	CLAYEY SILT
DELAWARE	61-10	43	SMITH MCINTYRE GRAB	06-24-61	43-10	67-45	220	TILLOID
DELAWARE	61-10	80	1-METER NAT. DREDGE	06-26-61	43-40	67-00	187	
DELAWARE	61-10	88	SMITH MCINTYRE GRAB	06-27-61	43-40	68-59	114	SILTY CLAY
DELAWARE	61-10	107	SMITH MCINTYRE GRAB	06-29-61	43-29	68-16	183	SAND-SILT-CL
GOSNOLD	12	1015	CAMPBELL GRAB	05-03-63	42-40	70-30	92	CLAYEY SILT
GOSNOLD	12	1023	CAMPBELL GRAB	05-03-63	43-29	70-17	45	SAND

TABLE 62 CONT'D

CYLICHNA ALBA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	12	1025	CAMPBELL GRAB	05-04-63	43-40	69-59	59	SANDY SILT
GOSNOLD	12	1026	CAMPBELL GRAB	05-04-63	43-39	69-44	74	SAND-SILT-CL
GOSNOLD	12	1033	CAMPBELL GRAB	05-04-63	43-50	68-59	68	CLAYEY SAND
GOSNOLD	12	1033	CAMPBELL GRAB	05-04-63	43-50	68-59	68	CLAYEY SAND
GOSNOLD	12	1041	CAMPBELL GRAB	05-05-63	44-20	68-00	38	MUDDY SAND
GOSNOLD	12	1050	CAMPBELL GRAB	05-06-63	42-10	68-44	212	MUDDY SAND
GOSNOLD	13	1060	CAMPBELL GRAB	05-10-63	40-20	68-31	123	SAND
GOSNOLD	13	1078	CAMPBELL GRAB	05-13-63	39-30	72-14	376	SAND-SILT-CL
GOSNOLD	13	1078	CAMPBELL GRAB	05-13-63	39-30	72-14	376	SAND-SILT-C
GOSNOLD	22	1108	CAMPBELL GRAB	08-06-63	40-19	69-14	85	SAND
GOSNOLD	22	1114	CAMPBELL GRAB	08-06-63	40-40	67-45	79	SAND
GOSNOLD	22	1118	CAMPBELL GRAB	08-07-63	40-39	67-15	111	SAND
GOSNOLD	22	1123	CAMPBELL GRAB	08-07-63	40-59	67-01	74	SAND
GOSNOLD	22	1125	CAMPBELL GRAB	08-07-63	41-10	66-31	95	SHELLY SAND
GOSNOLD	22	1134	CAMPBELL GRAB	08-08-63	42-31	66-18	242	SANDY GRAVEL
GOSNOLD	22	1155	CAMPBELL GRAB	08-10-63	43-01	66-00	119	SANDY GRAVEL
GOSNOLD	22	1158	CAMPBELL GRAB	08-10-63	43-20	66-13	61	GRAVELLY SAN
GOSNOLD	22	1162	CAMPBELL GRAB	08-10-63	43-51	66-16	45	GRAVELLY SAN
GOSNOLD	22	1170	CAMPBELL GRAB	08-11-63	44-40	66-29	187	SAND-SILT-CL
GOSNOLD	24	1232	CAMPBELL GRAB	08-31-63	43-10	64-30	158	SILTY SAND
GOSNOLD	24	1236	CAMPBELL GRAB	08-31-63	43-11	65-29	106	SAND
GOSNOLD	24	1248	CAMPBELL GRAB	09-02-63	42-40	64-10	611	SANDY SILT
GOSNOLD	24	1255	CAMPBELL GRAB	09-02-63	42-08	64-53	1894	CLAYEY SAND
GOSNOLD	28	1258	CAMPBELL GRAB	10-03-63	41-07	71-27	30	SAND
GOSNOLD	29	1270	CAMPBELL GRAB	10-09-63	40-01	70-16	266	SILTY SAND
GOSNOLD	29	1276	CAMPBELL GRAB	10-10-63	40-41	72-01	51	SAND
GOSNOLD	29	1277	CAMPBELL GRAB	10-10-63	40-41	72-16	53	SAND
GOSNOLD	29	1278	CAMPBELL GRAB	10-10-63	40-41	72-30	38	SAND
GOSNOLD	29	1280	CAMPBELL GRAB	10-10-63	40-30	72-16	49	SAND
GOSNOLD	29	1281	CAMPBELL GRAB	10-10-63	40-30	72-01	54	SAND
GOSNOLD	29	1305	CAMPBELL GRAB	10-12-63	39-51	73-01	79	SAND
GOSNOLD	29	1390	CAMPBELL GRAB	10-26-63	40-30	72-58	40	SAND
GOSNOLD	45	1867	CAMPBELL GRAB	06-27-64	35-06	75-07	500	CLAYEY SILT

TABLE 62 CONT'D

CYLICHNA ALBA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	45	1868	CAMPBELL GRAB	06-27-64	35-13	74-59	45	SILTY SAND
GOSNOLD	49	2089	CAMPBELL GRAB	08-08-64	37-11	74-26	1150	CLAYEY SILT
GOSNOLD	49	2092	CAMPBELL GRAB	08-08-64	37-30	74-19	505	SILTY SAND
GOSNOLD	49	2093	CAMPBELL GRAB	08-09-64	37-30	74-08	1100	CLAYEY SILT
GOSNOLD	49	2100	CAMPBELL GRAB	08-09-64	37-52	73-52	900	SILTY SAND
GOSNOLD	49	2107	CAMPBELL GRAB	08-12-64	38-12	73-37	870	CLAYEY SILT
GOSNOLD	49	2112	CAMPBELL GRAB	08-13-64	38-25	73-19	1060	SILTY CLAY
GOSNOLD	49	2129	CAMPBELL GRAB	08-15-64	39-45	71-45	678	CLAYEY SILT
GOSNOLD	49	2148	CAMPBELL GRAB	08-18-64	39-47	70-05	1550	CLAYEY SILT
GOSNOLD	49	2159	CAMPBELL GRAB	08-20-64	39-51	69-10	1480	CLAYEY SILT
GOSNOLD	49	2165	CAMPBELL GRAB	08-20-64	39-09	68-09	3310	SILTY CLAY
GOSNOLD	49	2172	CAMPBELL GRAB	08-22-64	40-07	68-11	1625	SILTY SAND
GOSNOLD	49	2195	CAMPBELL GRAB	08-28-64	40-56	66-25	1240	CLAYEY SILT
GOSNOLD	49	2196	CAMPBELL GRAB	08-28-64	41-04	66-24	720	SILTY SAND
GOSNOLD	51	2212	WHOI PIPE DREDGE	09-20-64	42-12	65-09	1119	
ALBATROSS IV	64-12	201	SMITH MCINTYRE GRAB	10-10-64	40-54	67-14	86	SAND
ASTERIAS	64-2	2011	SMITH MCINTYRE GRAB	08-09-64	41-14	71-32	34	SAND
ALBATROSS IV	65-13	12	RING OR STRAMIN NET	09-23-65	40-42	67-52	80	SAND
ALBATROSS IV	65-11	3	SMITH MCINTYRE GRAB	08-17-65	40-58	70-59	49	SAND
ALBATROSS IV	65-11	3	SMITH MCINTYRE GRAB	08-17-65	40-58	70-59	49	SAND
ALBATROSS IV	65-11	3	SMITH MCINTYRE GRAB	08-17-65	40-58	70-59	49	SAND
ALBATROSS IV	65-11	3	SMITH MCINTYRE GRAB	08-17-65	40-58	70-59	49	SAND
ALBATROSS IV	65-11	3	SMITH MCINTYRE GRAB	08-17-65	40-58	70-59	49	SAND
ALBATROSS IV	65-11	4	RING OR STRAMIN NET	08-17-65	40-50	71-00	57	SILT
ALBATROSS IV	65-11	26	SMITH MCINTYRE GRAB	08-20-65	40-42	70-00	40	SAND
ALBATROSS IV	65-11	26	SMITH MCINTYRE GRAB	08-20-65	40-42	70-00	40	SAND
ALBATROSS IV	65-11	27	SMITH MCINTYRE GRAB	08-20-65	40-35	69-48	62	SAND
ALBATROSS IV	65-11	28	SMITH MCINTYRE GRAB	08-20-65	40-30	69-38	68	SAND
ALBATROSS IV	65-11	29	SMITH MCINTYRE GRAB	08-20-65	40-24	69-27	70	SAND
ALBATROSS IV	65-11	30	SMITH MCINTYRE GRAB	08-20-65	40-18	69-18	84	SAND
ALBATROSS IV	65-11	34	SMITH MCINTYRE GRAB	08-21-65	40-28	68-49	73	SAND
ALBATROSS IV	65-11	34	RING OR STRAMIN NET	08-21-65	40-28	68-49	73	SAND

TABLE 62 CONT'D

CYLICHNA ALBA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	65-11	51	SMITH MCINTYRE GRAB	08-23-65	42-24	67-05	329	GRAVELLY SAN
ALBATROSS IV	65-11	57	RING OR STRAMIN NET	08-24-65	42-40	67-30	201	GRAVELLY SAN
ALBATROSS IV	65-11	67	RING OR STRAMIN NET	08-26-65	42-59	70-02	55	TILLOID
ALBATROSS IV	65-11	70	SMITH MCINTYRE GRAB	08-26-65	42-23	70-22	31	SILT
ALBATROSS IV	65-11	70	1-METER NAT. DREDGE	08-26-65	42-23	70-22	31	SILT
ALBATROSS IV	67-6	2	1-METER NAT. DREDGE	04-05-67	40-54	67-30	75	SILTY SAND

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TABLE 63

CYLICHNA GOULDII

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	122	31	1-METER NAT. DREDGE	11-21-58	42-07	70-02	53	SAND
ALBATROSS III	122	31	1-METER NAT. DREDGE	11-21-58	42-07	70-02	53	SAND
ALBATROSS III	122	32	1-METER NAT. DREDGE	11-21-58	42-08	70-03	48	SAND
ALBATROSS IV	65-11	70	1-METER NAT. DREDGE	08-26-65	42-23	70-22	31	SILT

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TABLE 64

CYLICHNA OCCULTA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	49	2078	CAMPBELL GRAB	08-07-64	36-22	74-45	365	SAND-SILT-CL
ALBATROSS IV	65-11	11	RING OR STRAMIN NET	08-19-65	39-58	71-00	458	SILT

TOTAL SAMPLES 2

TABLE 65

CYLICHNA ORYZA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	124	6	1-METER NAT. DREDGE	12-17-58	41-27	70-53	15	
BLUEBACK		9503	1-METER SLED NET	11-02-61	41-28	70-45	3	
GOSNOLD	45	1433	CAMPBELL GRAB	05-17-64	35-31	75-15	28	SAND
GOSNOLD	45	1520	CAMPBELL GRAB	05-23-64	29-00	80-50	14	CLAYEY SAND
GOSNOLD	49	2041	CAMPBELL GRAB	08-04-64	37-40	75-14	24	SAND
GOSNOLD	49	2062	CAMPBELL GRAB	08-06-64	36-20	75-30	30	SAND
ASTERIAS	64-2	1934	SMITH MCINTYRE GRAB	07-20-64	41-36	71-23	9	SANDY SILT

TOTAL SAMPLES 7

TABLE 66

CYLICHNA VORTEX

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	49	2164	CAMPBELL GRAB	08-20-64	39-24	68-20	3015	SILTY CLAY

TOTAL SAMPLES 1

TABLE 67

CYLICHNA SP

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	61-10	12	SMITH MCINTYRE GRAB	06-21-61	42-50	67-45	245	CLAYEY SILT

TOTAL SAMPLES 1

TABLE 68

DENDRONOTUS FRONDOSUS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	101	67	SMITH MCINTYRE GRAB	08-24-57	41-10	68-03	42	SAND

TOTAL SAMPLES 1

TABLE 69

DIAPHANA MINUTA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	101	136	SMITH MCINTYRE GRAB	08-26-57	41-30	66-00	145	SAND
GOSNOLD	45	1883	CAMPBELL GRAB	06-28-64	37-20	74-46	52	SAND
ASTERIAS	65-1	2310	SMITH MCINTYRE GRAB	06-01-65	34-28	77-24	11	SANDY SHELL

TOTAL SAMPLES 3

TABLE 70 **ELYSIA CATULA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
BLUEBACK		9503	1-METER SLED NET	11-02-61	41-28	70-45	3	

TOTAL SAMPLES 1

TABLE 71 **EPITONIUM ANGULATUM** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ASTERIAS	65-1	2318	SMITH MCINTYRE GRAB	06-06-65	34-56	76-06	16	SANDY SHELL

TOTAL SAMPLES 1

TABLE 72

EPITONIUM CHAMPIONI

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	70	15	DIGBY DRAG	12-09-55	41-38	67-57	20	SAND
		9311	MISC. GEAR	07-28-62	41-33	70-33	1	
GOSNOLD	29	1346	CAMPBELL GRAB	10-16-63	39-10	74-31	23	SAND
GOSNOLD	49	2027	CAMPBELL GRAB	08-02-64	38-40	74-45	26	SAND
ASTERIAS	64-2	1993	SMITH MCINTYRE GRAB	08-02-64	37-06	76-08	13	SANDY SILT

TOTAL SAMPLES 5

TABLE 73 **EPITONIUM DALLIANUM** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	55-2	8	FISH STOMACHS	01-24-55	41-08	66-26	128	
ALBATROSS III	80	1	DIGBY DRAG	08-11-56	40-35	68-19	92	SAND
ALBATROSS III	101	1	SMITH MCINTYRE GRAB	08-21-57	41-36	69-47	28	SAND
ALBATROSS III	101	1	SMITH MCINTYRE GRAB	08-21-57	41-36	69-47	28	SAND
DELAWARE	59-9	83	1-METER NAT. DREDGE	08-08-59	42-11	65-30	121	SANDY GRAVEL
DELAWARE	60-12	68	OTTER TRAWL	11-12-60	42-07	65-31	182	
DELAWARE	61-1	2	OTTER TRAWL	01-26-61	40-02	70-47	161	SAND-SILT
GOSNOLD	13	1060	CAMPBELL GRAB	05-10-63	40-20	68-31	123	SAND
GOSNOLD	13	1069	CAMPBELL GRAB	05-12-63	40-10	71-32	89	SILTY SAND
GOSNOLD	22	1119	CAMPBELL GRAB	08-07-63	40-39	67-00	214	SAND
GOSNOLD	29	1268	CAMPBELL GRAB	10-08-63	40-00	70-30	316	SANDY SILT
GOSNOLD	29	1356	CAMPBELL GRAB	10-19-63	38-50	73-00	102	SAND
GOSNOLD	29	1364	CAMPBELL GRAB	10-19-63	38-31	73-31	79	SAND
GOSNOLD	29	1366	CAMPBELL GRAB	10-19-63	38-31	73-20	114	SAND
GOSNOLD	29	1366	CAMPBELL GRAB	10-19-63	38-31	73-20	114	SAND
ALBATROSS IV	63-7	144	OTTER TRAWL	12-08-63	40-09	68-38	174	
ALBATROSS IV	65-11	8	RING OR STRAMIN NET	08-18-65	40-10	71-00	139	SAND

TOTAL SAMPLES 17

TABLE 74 **EPITONIUM GREENLANDICUM** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		5		02-28-54	41-45	66-35	68	
	5	3	FISH STOMACHS	06-29-54	42-04	66-17	84	
ALBATROSS III	70	19	DIGBY SCOOP	12-11-55	42-10	69-58	146	SAND
ALBATROSS III	70	32	DIGBY DRAG	12-13-55	41-59	65-38	274	
ALBATROSS III	70	50	DIGBY DRAG	12-17-55	41-37	66-16	91	SAND
ALBATROSS III	80	3	DIGBY DRAG	08-13-56	41-54	65-57	108	SAND
ALBATROSS III	101	49	SMITH MCINTYRE GRAB	08-23-57	41-30	68-50	146	SAND
ALBATROSS III	122	2	1-METER NAT. DREDGE	11-17-58	42-14	70-04	97	GRAVEL
ALBATROSS III	122	7	1-METER NAT. DREDGE	11-18-58	42-17	70-06	91	GRAVEL
ALBATROSS III	122	15	1-METER NAT. DREDGE	11-19-58	42-02	69-48	161	SH SI C
ALBATROSS III	122	19	1-METER NAT. DREDGE	11-20-58	42-10	70-01	128	SHELLY SAND
ALBATROSS III	122	24	1-METER NAT. DREDGE	11-20-58	41-58	69-51	86	SH SG
ALBATROSS III	122	30	1-METER NAT. DREDGE	11-21-58	42-04	70-00	53	GRAVEL
ALBATROSS III	122	31	1-METER NAT. DREDGE	11-21-58	42-07	70-02	53	SAND
DELAWARE	59-9	50	SMITH MCINTYRE GRAB	08-07-59	43-08	66-08	77	SANDY GRAVEL
DELAWARE	61-10	97	1-METER NAT. DREDGE	06-28-61	44-00	66-30	119	SHELLY GRAVE
DELAWARE	61-10	97	SMITH MCINTYRE GRAB	06-28-61	44-00	66-30	119	SHELLY GRAVE
ALBATROSS IV	63-7	113	OTTER TRAWL	12-04-63	41-30	69-00	150	
ALBATROSS IV	64-12	35	BEAM TRAWL	10-10-64	40-48	67-49	68	
ALBATROSS IV	64-6	1	OTTER TRAWL	04-29-64	42-08	66-56	73	
ALBATROSS IV	64-10	49	OTTER TRAWL	08-02-64	40-49	69-18	55	
ALBATROSS IV	65-6	14	SCALLOP DREDGE	05-06-65	42-07	66-23	82	
ALBATROSS IV	65-6	107	SCALLOP DREDGE	05-10-65	41-36	66-22	88	
ALBATROSS IV	65-11	45	SCALLOP DREDGE	08-22-65	41-14	66-38	82	SAND
ALBATROSS IV	66-9	1007	1-METER NAT. DREDGE	07-16-66	42-10	65-37	238	TILLOID
ALBATROSS IV	68-12	8	1-METER NAT. DREDGE	08-12-68	41-29	69-35	35	SANDY GRAVEL
ALBATROSS IV	68-12	11	1-METER NAT. DREDGE	08-12-68	41-20	69-22	49	SAND
ALBATROSS IV	68-12	12	1-METER NAT. DREDGE	08-13-68	41-15	69-22	58	SAND
ALBATROSS IV	68-12	13	1-METER NAT. DREDGE	08-13-68	41-10	69-22	46	SANDY GRAVEL
ALBATROSS IV	68-12	35	1-METER NAT. DREDGE	08-13-68	41-26	69-00	150	TILLOID
ALBATROSS IV	68-12	36	1-METER NAT. DREDGE	08-13-68	41-30	69-00	146	TILLOID
ALBATROSS IV	68-12	40	1-METER NAT. DREDGE	08-14-68	41-34	68-40	128	SANDY SILT
ALBATROSS IV	68-12	41	1-METER NAT. DREDGE	08-14-68	41-34	68-32	106	TILLOID

TABLE 74 CONT'D

EPITONIUM GREENLANDICUM

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	68-12	54	1-METER NAT. DREDGE	08-14-68	42-05	67-22	49	SANDY GRAVEL
ALBATROSS IV	68-12	98	1-METER NAT. DREDGE	08-16-68	42-54	66-08	141	GRAVEL
ALBATROSS IV	68-12	100	1-METER NAT. DREDGE	08-16-68	42-55	65-55	137	SANDY GRAVEL
ALBATROSS IV	68-12	113	1-METER NAT. DREDGE	08-17-68	43-13	66-15	79	GRAVEL
ALBATROSS IV	68-12	125	1-METER NAT. DREDGE	08-17-68	43-34	66-20	73	GRAVEL
ALBATROSS IV	68-12	128	1-METER NAT. DREDGE	08-17-68	43-46	66-34	93	GRAVEL
ALBATROSS IV	68-12	134	1-METER NAT. DREDGE	08-18-68	44-05	66-21	51	GRAVEL
ALBATROSS IV	68-12	144	1-METER NAT. DREDGE	08-18-68	44-25	66-40	128	SHELLY GRAVE
ALBATROSS IV	68-12	215	1-METER NAT. DREDGE	08-20-68	42-54	70-07	58	GRAVELLY S

TOTAL SAMPLES 42

TABLE 75

EPITONIUM MULTISTRIATUM

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	56	60	OTTER TRAWL	02-09-55	41-52	67-12	42	
ALBATROSS III	70	34	1-METER SLED NET	12-13-55	42-10	66-18	198	GRAVEL
ALBATROSS III	80	6	1-METER SLED NET	08-16-56	41-23	67-38	40	SAND
DELAWARE	61-1	2	OTTER TRAWL	01-26-61	40-02	70-47	161	SAND-SILT
GOSNOLD	29	1346	CAMPBELL GRAB	10-16-63	39-10	74-31	23	SAND
ALBATROSS IV	65-11	7	RING OR STRAMIN NET	08-18-65	40-20	71-00	93	SILT-CLAY
ASTERIAS	65-1	2291	SMITH MCINTYRE GRAB	05-28-65	31-41	81-01	8	SHELLY SAND

TOTAL SAMPLES 7

TABLE 76

EPITONIUM PANDION

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	29	1272	CAMPBELL GRAB	10-09-63	39-55	70-04	474	SILTY SAND
GOSNOLD	29	1357	CAMPBELL GRAB	10-19-63	38-51	72-54	564	SANDY SILT
GOSNOLD	49	2091	CAMPBELL GRAB	08-08-64	37-22	74-24	885	CLAYEY SILT
GOSNOLD	49	2140	CAMPBELL GRAB	08-18-64	39-47	70-05	1550	CLAYEY SILT

TOTAL SAMPLES 4

TABLE 77 **EPITONIUM POURTALESII** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	69	10	DIGBY DRAG	11-19-55	40-31	67-19	144	SAND
ALBATROSS III	69	10	DIGBY DRAG	11-19-55	40-31	67-19	144	SAND
ALBATROSS III	69	10	DIGBY DRAG	11-19-55	40-31	67-19	144	SAND
ALBATROSS III	69	11	DIGBY DRAG	11-19-55	40-50	66-58	91	SAND
ALBATROSS III	80	2	DIGBY DRAG	08-12-56	40-49	66-58	90	SAND
DELAWARE	59-9	83	1-METER NAT. DREDGE	08-08-59	42-11	65-30	121	SANDY GRAVEL
GOSNOLD	45	1520	CAMPBELL GRAB	05-23-64	29-00	80-50	14	CLAYEY SAND
GOSNOLD	45	1568	CAMPBELL GRAB	05-31-64	24-42	80-46	82	SILTY SAND
GOSNOLD	45	1570	CAMPBELL GRAB	05-31-64	24-35	81-07	83	SILTY SAND
GOSNOLD	45	1575	CAMPBELL GRAB	05-31-64	24-25	82-00	70	SILTY SAND

TOTAL SAMPLES 10

TABLE 78

EPITONIUM RUPICOLA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ASTERIAS	64-2	1969	SMITH MCINTYRE GRAB	07-29-64	39-00	74-59	8	SAND-SILT-CL

TOTAL SAMPLES 1

TABLE 79 **EPITONIUM SP** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	13	1057	CAMPBELL GRAB	05-09-63	41-05	70-00	28	SAND
GOSNOLD	13	1057	CAMPBELL GRAB	05-09-63	41-05	70-00	28	SAND
ASTERIAS	65-1	2273	SMITH MCINTYRE GRAB	05-23-65	31-42	81-07	13	SAND

TOTAL SAMPLES 3

TABLE 80 **EUPLEURA CAUDATA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	124	6	1-METER NAT. DREDGE	12-17-58	41-27	70-52	15	
ALBATROSS III	124	6	1-METER NAT. DREDGE	12-17-58	41-27	70-53	15	
ALBATROSS III	124	6	1-METER NAT. DREDGE	12-17-58	41-27	70-54	15	
ALBATROSS III	124	6	1-METER NAT. DREDGE	12-17-58	41-27	70-54	15	
		9401	DIP NET	10-02-60	41-42	70-37	1	
		9313	DIP NET	09-04-61	41-33	70-32	1	SAND
GOSNOLD	10	1004	CAMPBELL GRAB	04-26-63	41-28	70-52	22	SILTY SAND
GOSNOLD	10	1005	CAMPBELL GRAB	04-26-63	41-28	70-52	22	SANDY SILT
GOSNOLD	45	1514	CAMPBELL GRAB	05-23-64	29-46	81-13	38	SANDY SHELL
GOSNOLD	45	1518	CAMPBELL GRAB	05-23-64	29-21	81-02	15	CLAYEY SAND
GOSNOLD	45	1537	CAMPBELL GRAB	05-24-64	28-10	80-29	15	SAND
ASTERIAS	64-2	1988	SMITH MCINTYRE GRAB	08-01-64	37-37	76-03	15	SAND
ALBATROSS IV	68-12	1	1-METER NAT. DREDGE	08-12-68	41-28	70-28	16	SAND
ALBATROSS IV	68-12	1	BOTTOM SKIMMER	08-12-68	41-28	70-27	16	SAND

TOTAL SAMPLES 14

TABLE 81 FUSINUS SP PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	65-11	46	1-METER NAT. DREDGE	08-23-65	41-17	66-11	183	GRAVELLY SAN

TOTAL SAMPLES 1

TABLE 82

GRANULINA OVULIFORMIS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	13	1074	CAMPBELL GRAB	05-12-63	39-43	71-53	225	SAND
GOSNOLD	29	1366	CAMPBELL GRAB	10-19-63	38-31	73-20	114	SAND
GOSNOLD	29	1366	CAMPBELL GRAB	10-19-63	38-31	73-20	114	SAND
GOSNOLD	29	1366	CAMPBELL GRAB	10-19-63	38-31	73-20	114	SAND
GOSNOLD	29	1366	CAMPBELL GRAB	10-19-63	38-31	73-20	114	SAND
GOSNOLD	29	1366	CAMPBELL GRAB	10-19-63	38-31	73-20	114	SAND
GOSNOLD	45	1428	CAMPBELL GRAB	05-17-64	36-20	75-14	30	SAND
GOSNOLD	45	1428	CAMPBELL GRAB	05-17-64	36-20	75-14	30	SAND
GOSNOLD	45	1851	CAMPBELL GRAB	06-26-64	33-50	76-15	420	SAND
GOSNOLD	49	2052	CAMPBELL GRAB	08-05-64	36-50	75-15	29	SAND

TOTAL SAMPLES 10

TABLE 83

HAMINOEA SOLITARIA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		9311	MISC. GEAR	07-28-62	41-33	70-33	1	
		9311	MISC. GEAR	08-02-62	41-33	70-33	1	
		9311	MISC. GEAR	08-02-62	41-33	70-33	1	

TOTAL SAMPLES 3

TABLE 84

HYDROBIA SALSA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ASTERIAS	64-2	1977	SMITH MCINTYRE GRAB	07-30-64	39-10	76-19	8	SILTY CLAY

TOTAL SAMPLES 1

TABLE 85

HYDROBIA TOTTENI

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		9201	6 FOOT SEINE	02-22-60	41-42	69-58	1	SAND
		9401	DIP NET	10-02-60	41-42	70-37	1	
		9401	DIP NET	10-02-60	41-42	70-37	1	
		9404	DIP NET	04-09-61	41-43	70-37	1	
		9311	MISC. GEAR	08-02-62	41-33	70-33	1	
		9701		09-08-62	42-00	70-36	0	
BLUEBACK	62-1	1	1-METER SLED NET	04-05-62	41-28	70-38	3	SAND
BLUEBACK	62-1	1	1-METER SLED NET	04-05-62	41-28	70-38	3	SAND
BLUEBACK	62-1	2	MISC. GEAR	04-05-62	41-29	70-38	8	SAND
		9402	6 FOOT SEINE	10-04-64	41-41	70-39	1	MUDDY SAND
		9402	6 FOOT SEINE	10-14-64	41-41	70-38	1	SAND-SILT-C
		9201	6 FOOT SEINE	04-23-65	41-40	69-57	1	
		9301	MISC. GEAR	03-25-65	41-31	70-41	1	

TOTAL SAMPLES 13

TABLE 86

ILYANASSA OBSOLETA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		9904		06- -50	41-18	71-51	0	
		9306	MISC. GEAR	05-01-55	41-37	70-26	1	
		9306	MISC. GEAR	05-01-55	41-37	70-26	1	
		9102	DIP NET	04-30-60	41-42	70-18	1	SILTY SAND
		9303	DIP NET	09-18-60	41-33	70-35	1	MUDDY SAND
		9401	DIP NET	10-02-60	41-42	70-37	1	
		9102	DIP NET	10-05-61	41-43	70-16	1	
		9313	DIP NET	09-04-61	41-33	70-32	1	SAND
		9313	DIP NET	09-04-61	41-33	70-32	1	SAND
		9102	DIP NET	03-24-63	41-42	70-18	1	MUD
ASTERIAS	64-2	1939	WHOI MIN. VAN VEEN	07-22-64	41-25	72-06	3	SILTY SAND

TOTAL SAMPLES 11

TABLE 87

INODRILLIA CARPENTERI

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	13	1060	CAMPBELL GRAB	05-10-63	40-20	68-31	123	SAND
GOSNOLD	13	1060	CAMPBELL GRAB	05-10-63	40-20	68-31	123	SAND
GOSNOLD	13	1070	CAMPBELL GRAB	05-12-63	40-02	71-32	94	SAND
GOSNOLD	13	1076	CAMPBELL GRAB	05-13-63	39-49	72-14	89	SAND

TOTAL SAMPLES 4

TABLE 88

JANTHINA GLOBOSA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	45	1576	CAMPBELL GRAB	05-31-64	24-20	81-55	220	SILTY SAND
GOSNOLD	45	1645	CAMPBELL GRAB	06-05-64	29-21	79-44	710	SAND-SILT-CL

TOTAL SAMPLES 2

TABLE 89

JANTHINA PALLIDA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	45	1618	CAMPBELL GRAB	06-04-64	27-03	79-50	312	SILTY SAND

TOTAL SAMPLES 1

TABLE 90 **KURTZIELLA CERINA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		9301	DIP NET	06-10-54	41-31	70-41	1	
		9301	DIP NET	06-10-54	41-31	70-41	1	
ASTERIAS	64-2	1969	SMITH MCINTYRE GRAB	07-29-64	39-00	74-59	8	SAND-SILT-CL
ASTERIAS	64-2	1969	SMITH MCINTYRE GRAB	07-29-64	39-00	74-59	8	SAND-SILT-CL
ASTERIAS	64-2	1969	SMITH MCINTYRE GRAB	07-29-64	39-00	74-59	8	SAND-SILT-CL
ASTERIAS	64-2	1969	SMITH MCINTYRE GRAB	07-29-64	39-00	74-59	8	SAND-SILT-CL

TOTAL SAMPLES 6

TABLE 91

LACUNA VINCTA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	101	107	SMITH MCINTYRE GRAB	08-25-57	42-00	67-10	55	SAND
		1	FISH STOMACHS	02-12-58	42-16	70-02	97	
GILBERT	1	1	DIVING PERSON-SCUBA	06-25-59	41-20	71-06	30	GRAVEL
GILBERT	1	1	DIVING PERSON-SCUBA	06-25-59	41-20	71-06	30	GRAVEL
		9302	DIP NET	02-06-60	41-31	70-39	1	
BLUEBACK		9503	1-METER SLED NET	11-02-61	41-28	70-45	3	
BLUEBACK		9503	1-METER SLED NET	11-02-61	41-28	70-45	3	
BLUEBACK		9503	1-METER SLED NET	11-02-61	41-28	70-45	3	
BLUEBACK		9505	MISC. GEAR	11-02-61	41-28	70-38	5	
		9301	DIP NET	01-21-62	41-31	70-41	1	SAND
		9916		03-18-62	41-38	71-13	0	
ASTERIAS	64-2	1935	SMITH MCINTYRE GRAB	07-20-64	41-29	71-25	13	SHELL

TOTAL SAMPLES 12

TABLE 92

LEPETA CAECA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	101	150	SMITH MCINTYRE GRAB	08-27-57	42-22	65-47	152	GRAVELLY SAN
DELAWARE	59-9	83	1-METER NAT. DREDGE	08-08-59	42-11	65-30	121	SANDY GRAVEL
DELAWARE	61-10	80	1-METER NAT. DREDGE	06-26-61	43-40	67-00	187	
GOSNOLD	22	1116	CAMPBELL GRAB	08-06-63	40-21	67-48	382	GRAVELLY SAN
GOSNOLD	24	1246	CAMPBELL GRAB	09-01-63	43-30	65-00	112	GRAVEL
GOSNOLD	24	1247	CAMPBELL GRAB	09-01-63	43-30	65-15	72	GRAVEL
ALBATROSS IV	68-12	177	1-METER NAT. DREDGE	08-19-68	43-44	68-56	60	TILLOID
ALBATROSS IV	68-12	185	1-METER NAT. DREDGE	08-19-68	43-40	69-35	82	TILLOID

TOTAL SAMPLES 8

TABLE 93

LIMACINA RETROVERSA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	70	17	1-METER SLED NET	12-09-55	41-22	68-18	35	GRAVEL
ALBATROSS III	70	26	1-METER SLED NET	12-12-55	41-55	67-39	33	GRAVEL
ALBATROSS IV	65-13	79	RING OR STRAMIN NET	09-26-65	41-25	66-22	95	SAND
ALBATROSS IV	65-13	162	RING OR STRAMIN NET	09-30-65	40-42	69-16	51	

TOTAL SAMPLES 4

TABLE 94

LIMACINA TROCHIFORMIS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	60-12	67	OTTER TRAWL	11-12-60	42-18	65-25	121	
ALBATROSS IV	65-13	96	RING OR STRAMIN NET	09-27-65	41-35	66-16	88	SAND

TOTAL SAMPLES 2

TABLE 95

LIMACINA SP

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	65-13	58	RING OR STRAMIN NET	09-25-65	40-58	67-02	77	SAND
ALBATROSS IV	65-13	59	RING OR STRAMIN NET	09-25-65	40-55	67-02	86	SAND
ALBATROSS IV	65-13	68	RING OR STRAMIN NET	09-25-65	41-15	66-32	91	SAND
ALBATROSS IV	65-13	69	RING OR STRAMIN NET	09-25-65	41-18	66-32	88	SAND
ALBATROSS IV	65-13	89	RING OR STRAMIN NET	09-26-65	41-28	66-27	95	SAND
ALBATROSS IV	65-11	61	RING OR STRAMIN NET	08-25-65	42-38	68-49	166	SILT-CLAY

TOTAL SAMPLES 6

TABLE 96 **LISCHKEIA OTTOI** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	53	26	OTTER TRAWL	08-18-53	41-20	66-05	412	
DELAWARE	59-10	10	40 FT SHRIMP TRAWL	08-26-59	39-46	71-29	1106	
DELAWARE	59-10	10	40 FT SHRIMP TRAWL	08-26-59	39-46	71-29	1106	
DELAWARE	59-10	13	40 FT SHRIMP TRAWL	08-27-59	39-42	71-36	1280	
DELAWARE	59-10	14	40 FT SHRIMP TRAWL	08-27-59	39-46	71-25	1074	
DELAWARE	59-10	14	40 FT SHRIMP TRAWL	08-27-59	39-46	71-25	1074	
DELAWARE	59-10	15	40 FT SHRIMP TRAWL	08-27-59	39-48	71-06	1280	
GOSNOLD	49	2112	CAMPBELL GRAB	08-13-64	38-25	73-19	1060	SILTY CLAY
ALBATROSS IV	68-12	83	1-METER NAT. DREDGE	08-16-68	42-01	65-23	1189	TILLOID

TOTAL SAMPLES 9

TABLE 97

LITTORINA LITTOREA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		9102	DIP NET	04-30-60	41-42	70-18	1	SILTY SAND
		9103	DIP NET	05-22-60	41-46	70-05	1	
		9401	DIP NET	10-02-60	41-42	70-37	1	
		9301	MISC. GEAR	10-29-61	41-31	70-41	1	
		9405	6 FOOT SEINE	03-26-61	41-34	70-39	1	PEAT
		9407	MISC. GEAR	10-08-61	41-35	70-39	1	
		9311	MISC. GEAR	07-28-62	41-33	70-33	1	
		9907	DIP NET	03-18-62	41-28	71-22	1	
		9402	6 FOOT SEINE	10-04-64	41-41	70-39	1	MUDDY SAND
		9201	6 FOOT SEINE	04-23-65	41-40	69-57	1	

TOTAL SAMPLES 10

TABLE 98 **LITTORINA OBTUSATA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		9306	MISC. GEAR	05-01-55	41-37	70-26	1	
		9405	MISC. GEAR	11-29-59	41-33	70-39	1	
		9405	MISC. GEAR	11-29-59	41-33	70-39	1	
		9203	MISC. GEAR	05-22-60	41-47	69-59	1	
		9203	MISC. GEAR	08-14-60	41-47	69-58	1	
		9404	DIP NET	04-09-61	41-43	70-37	1	
		9407	MISC. GEAR	10-08-61	41-35	70-39	1	
		9205	DIP NET	11-12-62	41-44	69-59	1	SAND
GOSNOLD	24	1243	CAMPBELL GRAB	08-31-63	43-20	65-00	168	CLAYEY SILT
GOSNOLD	29	1364	CAMPBELL GRAB	10-19-63	38-31	73-31	79	SAND
		9402	6 FOOT SEINE	10-04-64	41-41	70-39	1	MUDDY SAND
		9402	6 FOOT SEINE	10-14-64	41-41	70-38	1	SAND-SILT-CL
		9402	6 FOOT SEINE	10-14-64	41-41	70-38	1	SAND-SILT-CL
ASTERIAS	64-2	1923	SMITH MCINTYRE GRAB	07-15-64	43-46	69-47	13	SAND
		9302		07-04-69	41-31	70-39	0	

TOTAL SAMPLES 15

TABLE 99

LITTORINA SAXATILIS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		9306	MISC. GEAR	05-01-55	41-37	70-26	1	
		9306	MISC. GEAR	05-01-55	41-37	70-26	1	
		9201	6 FOOT SEINE	02-22-60	41-42	69-58	1	SAND
		9401	DIP NET	10-02-60	41-42	70-37	1	
		9708		05-21-63	43-51	69-38	0	
		9402	6 FOOT SEINE	10-14-64	41-41	70-38	1	SAND-SILT-CL
		9302		07-04-69	41-31	70-39	0	
		9311		07-28-69	41-33	70-33	0	

TOTAL SAMPLES 8

TABLE 100 LUNATIA HEROS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	80	6	DIGBY DRAG	08-16-56	41-23	67-38	40	SAND
ALBATROSS III	80	6	DIGBY DRAG	08-16-56	41-23	67-38	40	SAND
ALBATROSS III	80	6	DIGBY DRAG	08-16-56	41-23	67-38	40	SAND
ALBATROSS III	101	71	SMITH MCINTYRE GRAB	08-24-57	40-53	67-48	60	SAND
ALBATROSS III	119	62	OTTER TRAWL	10-14-58	41-35	66-21	88	
ALBATROSS III	119	65	OTTER TRAWL	10-14-58	41-38	68-15	37	
ALBATROSS III	119	77	OTTER TRAWL	10-15-58	40-54	68-54	70	
ALBATROSS III	124	2	1-METER SLED NET	12-16-58	41-25	70-46	26	SHELL
DELAWARE	62-12	65	OTTER TRAWL	10-17-62	41-46	66-23	91	
GOSNOLD	11	1008	CAMPBELL GRAB	04-30-63	41-22	70-48	26	SAND
GOSNOLD	12	1012	CAMPBELL GRAB	05-02-63	41-27	70-15	20	SAND
GOSNOLD	13	1056	CAMPBELL GRAB	05-09-63	41-11	70-12	23	SAND
GOSNOLD	24	1242	CAMPBELL GRAB	08-31-63	43-20	65-15	136	SILTY SAND
GOSNOLD	29	1301	CAMPBELL GRAB	10-12-63	40-01	73-45	36	SAND
GOSNOLD	29	1305	CAMPBELL GRAB	10-12-63	39-51	73-01	79	SAND
GOSNOLD	29	1315	CAMPBELL GRAB	10-13-63	39-30	74-14	14	SHELLY SAND
GOSNOLD	29	1316	CAMPBELL GRAB	10-13-63	39-21	74-14	20	SHELLY SAND
GOSNOLD	29	1345	CAMPBELL GRAB	10-16-63	39-10	74-15	21	SAND
GOSNOLD	29	1348	CAMPBELL GRAB	10-18-63	39-00	74-15	28	SAND
GOSNOLD	29	1349	CAMPBELL GRAB	10-18-63	38-49	74-15	40	SAND
GOSNOLD	29	1360	CAMPBELL GRAB	10-19-63	38-40	73-30	69	SHELLY SAND
GOSNOLD	29	1379	CAMPBELL GRAB	10-25-63	39-45	74-02	13	SAND
GOSNOLD	29	1386	CAMPBELL GRAB	10-26-63	40-31	73-36	21	SAND
GOSNOLD	29	1393	CAMPBELL GRAB	10-26-63	40-40	72-46	31	SAND
ALBATROSS IV	63-7	115	OTTER TRAWL	12-04-63	41-21	68-30	66	
ALBATROSS IV	63-7	119	OTTER TRAWL	12-05-63	41-27	67-08	53	
ALBATROSS IV	63-7	120	OTTER TRAWL	12-05-63	41-31	66-35	86	
ALBATROSS IV	63-7	139	OTTER TRAWL	12-07-63	40-56	68-59	79	
ALBATROSS IV	63-7	141	OTTER TRAWL	12-07-63	40-37	69-01	66	
ALBATROSS IV	63-7	148	OTTER TRAWL	12-08-63	40-46	69-39	40	
ALBATROSS IV	63-7	149	OTTER TRAWL	12-08-63	40-52	69-49	33	
ALBATROSS IV	63-7	163	OTTER TRAWL	12-11-63	39-35	73-12	40	
GOSNOLD	49	2033	CAMPBELL GRAB	08-03-64	38-19	74-46	23	SAND

GOSNOLD 49 2033 CAMPBELL GRAB 08-09-64 38-19 74-46 23 SAND

TABLE 100 CONT'D

LUNATIA HEROS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	64-12	300	SMITH MCINTYRE GRAB	10-10-64	41-14	67-26	46	SAND
ALBATROSS IV	64-1	124	OTTER TRAWL	02-06-64	41-28	67-07	51	
ALBATROSS IV	64-1	189	OTTER TRAWL	02-14-64	40-43	72-38	27	
ASTERIAS	64-2	1896	SMITH MCINTYRE GRAB	07-01-64	41-58	70-36	8	SAND
ALBATROSS IV	65-1	4	OTTER TRAWL	01-20-65	41-00	67-51	55	
ALBATROSS IV	65-13	1	SCALLOP DREDGE	09-23-65	40-42	68-08	73	SAND
ALBATROSS IV	65-13	132	SCALLOP DREDGE	09-29-65	40-32	68-56	71	SAND
ALBATROSS IV	65-11	36	SCALLOP DREDGE	08-21-65	40-43	68-36	55	SAND
ALBATROSS IV	65-11	43	1-METER NAT. DREDGE	08-22-65	41-10	67-28	48	SAND
ALBATROSS IV	66-13	106	SCALLOP DREDGE	10-02-66	39-42	73-28	33	
ALBATROSS IV	66-9	15	SCALLOP DREDGE	07-13-66	42-02	67-08	57	SAND
ALBATROSS IV	66-9	28	SCALLOP DREDGE	07-13-66	41-59	66-58	59	SAND
ALBATROSS IV	66-9	39	SCALLOP DREDGE	07-14-66	42-02	66-48	68	GRAVELLY SAN
ALBATROSS IV	66-9	92	SCALLOP DREDGE	07-17-66	41-48	66-37	68	GRAVELLY SAN
ALBATROSS IV	66-9	108	SCALLOP DREDGE	07-17-66	41-42	66-36	66	SAND
ALBATROSS IV	66-9	123	SCALLOP DREDGE	07-19-66	40-58	67-52	51	SAND
ALBATROSS IV	66-9	207	SCALLOP DREDGE	07-22-66	41-18	66-47	73	SAND
GOSNOLD	103	2	ROCK DREDGE	08-30-67	41-09	68-43	59	SANDY GRAVEL
ALBATROSS IV	67-6	1	1-METER NAT. DREDGE	04-05-67	41-07	67-39	51	SAND
ALBATROSS IV	67-6	2	1-METER NAT. DREDGE	04-05-67	40-54	67-30	75	SILTY SAND
ALBATROSS IV	67-12	111	SCALLOP DREDGE	07-09-67	41-45	66-38	68	SHELLY SAND
ALBATROSS IV	67-12	127	SCALLOP DREDGE	07-10-67	41-50	67-02	59	SAND
ALBATROSS IV	68-3	99	OTTER TRAWL	03-16-68	40-32	69-56	62	
ALBATROSS IV	68-4	238	OTTER TRAWL	04-20-68	41-38	67-38	40	
ALBATROSS IV	68-12	3	1-METER NAT. DREDGE	08-12-68	41-30	70-13	15	SAND
ALBATROSS IV	68-12	5	1-METER NAT. DREDGE	08-12-68	41-33	69-53	15	SAND
ALBATROSS IV	68-12	16	RING OR STRAMIN NET	08-13-68	40-58	69-31	38	SAND
ALBATROSS IV	68-12	17	1-METER NAT. DREDGE	08-13-68	40-56	69-38	33	SAND
ALBATROSS IV	68-12	19	QUAHOG DREDGE	08-13-68	40-47	69-42	42	SHELLY SAND
ALBATROSS IV	68-12	20	1-METER NAT. DREDGE	08-13-68	40-44	69-42	46	SAND
ALBATROSS IV	68-12	20	1-METER NAT. DREDGE	08-13-68	40-44	69-42	46	SAND
ALBATROSS IV	68-12	47	1-METER NAT. DREDGE	08-14-68	41-50	68-02	51	SAND
ALBATROSS IV	68-12	49	1-METER NAT. DREDGE	08-14-68	41-54	67-52	55	GRAVELLY SAN

TABLE 100 CONT'D

LUNATIA HEROS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	68-12	106	1-METER NAT. DREDGE	08-17-68	43-12	65-33	73	SHELLY SAND
ALBATROSS IV	68-12	127	1-METER NAT. DREDGE	08-17-68	43-42	66-29	95	SANDY GRAVEL
ALBATROSS IV	68-12	160	1-METER NAT. DREDGE	08-19-68	44-18	67-58	49	TILLOID
ALBATROSS IV	68-12	161	1-METER NAT. DREDGE	08-19-68	44-18	68-04	46	SILT-CLAY
ALBATROSS IV	68-12	237	1-METER NAT. DREDGE	08-21-68	42-05	70-21	64	SILT-CLAY

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TABLE 101 **LUNATIA PALLIDA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	122	2	1-METER NAT. DREDGE	11-17-58	42-14	70-04	97	GRAVEL
DELAWARE	59-9	147	SMITH MCINTYRE GRAB	08-10-59	42-30	69-04	205	SAND-SILT-CL
DELAWARE	61-10	9	1-METER NAT. DREDGE	06-21-61	42-50	68-31	220	SILT GRAVEL
DELAWARE	61-10	22	1-METER NAT. DREDGE	06-22-61	43-00	67-45	141	TILLOID
DELAWARE	61-10	36	1-METER NAT. DREDGE	06-23-61	43-10	69-30	156	TILLOID
DELAWARE	61-10	88	SMITH MCINTYRE GRAB	06-27-61	43-40	68-59	114	SILTY CLAY
DELAWARE	61-10	89	1-METER NAT. DREDGE	06-27-61	43-50	68-31	137	SILTY CLAY
GOSNOLD	12	1039	CAMPBELL GRAB	05-05-63	44-10	67-45	178	SILTY CLAY
GOSNOLD	24	1212	CAMPBELL GRAB	08-24-63	41-50	69-45	126	SILTY SAND
GOSNOLD	24	1236	CAMPBELL GRAB	08-31-63	43-11	65-29	106	SAND
GOSNOLD	45	1580	CAMPBELL GRAB	06-01-64	24-10	81-22	677	SAND-SILT-CL
GOSNOLD	51	2202	CAMPBELL GRAB	09-18-64	41-27	65-56	617	SAND
ALBATROSS IV	64-1	12	OTTER TRAWL	01-17-64	43-12	70-19	91	
ALBATROSS IV	64-10	88	OTTER TRAWL	08-06-64	42-04	69-50	159	
ALBATROSS IV	64-10	144	OTTER TRAWL	08-18-64	42-58	67-33	199	
ASTERIAS	64-2	2009	SMITH MCINTYRE GRAB	08-08-64	41-10	71-58	16	SAND
ALBATROSS IV	65-11	56	SMITH MCINTYRE GRAB	08-24-65	43-10	67-30	188	SAND
ALBATROSS IV	68-12	154	1-METER NAT. DREDGE	08-18-68	44-20	67-40	73	SILT-CLAY
ALBATROSS IV	68-12	164	1-METER NAT. DREDGE	08-19-68	44-09	67-57	80	TILLOID
ALBATROSS IV	68-12	165	1-METER NAT. DREDGE	08-19-68	44-09	68-04	91	SILT-CLAY
ALBATROSS IV	68-12	169	1-METER NAT. DREDGE	08-19-68	44-00	68-16	101	SILT-CLAY
ALBATROSS IV	68-12	170	1-METER NAT. DREDGE	08-19-68	44-00	68-22	101	SILT-CLAY
ALBATROSS IV	68-12	172	1-METER NAT. DREDGE	08-19-68	43-56	68-34	88	SILT-CLAY
ALBATROSS IV	68-12	174	1-METER NAT. DREDGE	08-19-68	43-49	68-43	95	TILLOID
ALBATROSS IV	68-12	184	1-METER NAT. DREDGE	08-19-68	43-42	69-30	137	CLAYEY SILT
ALBATROSS IV	68-12	189	1-METER NAT. DREDGE	08-20-68	43-36	69-51	70	GRAVEL
ALBATROSS IV	68-12	213	1-METER NAT. DREDGE	08-20-68	42-46	70-22	88	TILLOID
ALBATROSS IV	68-12	222	1-METER NAT. DREDGE	08-21-68	42-40	70-08	95	TILLOID
ALBATROSS IV	74-7	48	OTTER TRAWL	07-19-74	40-48	66-36	521	
ALBATROSS IV	74-7	53	1-METER NAT. DREDGE	07-19-74	41-34	65-52	535	
ALBATROSS IV	74-7	53	1-METER NAT. DREDGE	07-19-74	41-34	65-52	535	
ALBATROSS IV	74-7	57	1-METER NAT. DREDGE	07-20-74	40-19	67-27	1170	
ALBATROSS IV	74-7	57	1-METER NAT. DREDGE	07-20-74	40-19	67-27	1170	

TABLE 101 CONT'D

LUNATIA PALLIDA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE

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TABLE 102 **LUNATIA TRISERIATA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	67	1	QUAHOG DREDGE	10-03-55	41-00	70-48	44	SAND
ALBATROSS III	70	4	DIGBY DRAG	12-07-55	41-06	68-38	48	SAND
ALBATROSS III	70	47	DIGBY DRAG	12-16-55	41-22	67-19	49	SAND
ALBATROSS III	101	79	SMITH MCINTYRE GRAB	08-24-57	40-37	67-28	86	SAND
ALBATROSS III	101	190	SMITH MCINTYRE GRAB	08-28-57	40-48	68-46	66	SAND
ALBATROSS III	122	1	1-METER NAT. DREDGE	11-17-58	42-12	70-09	44	SHELLY SAND
DELAWARE	59-9	71	1-METER NAT. DREDGE	08-07-59	43-03	65-30	128	GRAVEL
DELAWARE	62-7	9	1-METER NAT. DREDGE	06-14-62	39-56	69-45	201	SAND
DELAWARE	62-7	45	1-METER NAT. DREDGE	06-17-62	41-10	70-45	38	GRAVELLY SA
DELAWARE	62-7	47	1-METER NAT. DREDGE	06-17-62	41-00	71-00	51	GRAVELLY SA
DELAWARE	62-7	48	1-METER NAT. DREDGE	06-18-62	40-50	71-00	59	SAND
GOSNOLD	12	1043	CAMPBELL GRAB	05-05-63	44-08	68-13	57	MUDDY SAND
GOSNOLD	12	1043	CAMPBELL GRAB	05-05-63	44-08	68-13	57	MUDDY SAND
GOSNOLD	22	1158	CAMPBELL GRAB	08-10-63	43-20	66-13	61	GRAVELLY SAN
GOSNOLD	29	1297	CAMPBELL GRAB	10-12-63	39-59	72-45	56	SAND
GOSNOLD	29	1364	CAMPBELL GRAB	10-19-63	38-31	73-31	79	SAND
GOSNOLD	29	1380	CAMPBELL GRAB	10-25-63	39-55	74-00	19	SAND
ALBATROSS IV	63-7	119	OTTER TRAWL	12-05-63	41-27	67-08	53	
ALBATROSS IV	63-7	137	OTTER TRAWL	12-07-63	41-08	68-36	49	
ALBATROSS IV	63-7	157	OTTER TRAWL	12-10-63	40-44	72-40	27	
ALBATROSS IV	63-7	158	OTTER TRAWL	12-11-63	40-20	72-43	51	
ALBATROSS IV	63-7	161	OTTER TRAWL	12-11-63	39-44	73-51	22	
ALBATROSS IV	63-7	164	OTTER TRAWL	12-11-63	39-29	72-45	73	
GOSNOLD	45	1423	CAMPBELL GRAB	05-17-64	37-05	75-01	37	SAND
GOSNOLD	45	1590	CAMPBELL GRAB	06-02-64	24-35	80-28	275	SHELLY SAND
GOSNOLD	45	1879	CAMPBELL GRAB	06-27-64	36-50	74-44	72	SAND
GOSNOLD	49	2047	CAMPBELL GRAB	08-05-64	37-19	75-16	29	SAND
GOSNOLD	49	2052	CAMPBELL GRAB	08-05-64	36-50	75-15	29	SAND
GOSNOLD	49	2065	CAMPBELL GRAB	08-06-64	35-50	75-30	23	SHELLY SAND
ASTERIAS	64-2	1897	SMITH MCINTYRE GRAB	07-01-64	42-10	70-42	13	SAND
ALBATROSS IV	65-13	4	RING OR STRAMIN NET	09-23-65	40-49	68-02	66	SAND
ALBATROSS IV	65-11	27	1-METER NAT. DREDGE	08-20-65	40-35	69-48	62	SAND
ALBATROSS IV	65-11	28	SMITH MCINTYRE GRAB	08-20-65	40-30	69-38	68	SAND

TABLE 102 CONT'D

LUNATIA TRISERIATA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	65-11	37	SMITH MCINTYRE GRAB	08-21-65	40-52	68-28	35	SAND
ALBATROSS IV	65-11	57	RING OR STRAMIN NET	08-24-65	42-40	67-30	201	GRAVELLY SAN
ALBATROSS IV	68-12	23	1-METER NAT. DREDGE	08-13-68	40-44	69-23	48	SILTY SAND
ALBATROSS IV	68-12	23	1-METER NAT. DREDGE	08-13-68	40-44	69-23	48	SILTY SAND
ALBATROSS IV	68-12	45	1-METER NAT. DREDGE	08-14-68	41-44	68-15	55	SAND
ALBATROSS IV	68-12	49	1-METER NAT. DREDGE	08-14-68	41-54	67-52	55	GRAVELLY SAN
ALBATROSS IV	68-12	125	1-METER NAT. DREDGE	08-17-68	43-34	66-20	73	GRAVEL
ALBATROSS IV	68-12	126	1-METER NAT. DREDGE	08-17-68	43-39	66-25	77	SANDY GRAVEL
ALBATROSS IV	68-12	126	1-METER NAT. DREDGE	08-17-68	43-39	66-25	77	SANDY GRAVE
ALBATROSS IV	68-12	132	1-METER NAT. DREDGE	08-18-68	43-58	66-31	84	GRAVEL
ALBATROSS IV	68-12	135	1-METER NAT. DREDGE	08-18-68	44-06	66-26	73	GRAVELLY SA
ALBATROSS IV	68-12	136	1-METER NAT. DREDGE	08-18-68	44-09	66-30	106	GRAVEL
ALBATROSS IV	68-12	152	1-METER NAT. DREDGE	08-18-68	44-25	67-34	64	SILT-CLAY
ALBATROSS IV	68-12	152	1-METER NAT. DREDGE	08-18-68	44-25	67-34	64	SILT-CLAY
ALBATROSS IV	68-12	154	1-METER NAT. DREDGE	08-18-68	44-20	67-40	73	SILT-CLAY
ALBATROSS IV	68-12	187	1-METER NAT. DREDGE	08-19-68	43-39	69-48	46	SHELLY SAND

TOTAL SAMPLES 49

TABLE 103

LUNATIA SP

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	65-11	43	SMITH MCINTYRE GRAB	08-22-65	41-10	67-28	48	SAND

TOTAL SAMPLES 1

TABLE 104

MANGELIA BANDELLA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	49	2115	CAMPBELL GRAB	08-14-64	38-45	72-38	2155	SILTY CLAY
GOSNOLD	49	2125	CAMPBELL GRAB	08-15-64	38-46	71-45	2682	SILTY CLAY
GOSNOLD	51	2201	CAMPBELL GRAB	09-18-64	41-16	65-44	2451	SAND-SILT-CL

TOTAL SAMPLES 3

TABLE 105 **MARGARITES COSTALIS** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
	5	3	FISH STOMACHS	06-29-54	42-04	66-17	84	
ALBATROSS III	70	32	DIGBY DRAG	12-13-55	42-03	65-42	238	GRAVEL
ALBATROSS III	122	3	1-METER NAT. DREDGE	11-17-58	42-16	70-00	104	GRAVEL
ALBATROSS III	122	3	1-METER NAT. DREDGE	11-18-58	42-16	70-00	106	MUDDY SAND
ALBATROSS III	122	18	1-METER NAT. DREDGE	11-19-58	42-06	69-58	99	GRAVEL
ALBATROSS III	122	18	1-METER NAT. DREDGE	11-19-58	42-06	69-58	99	GRAVEL
DELAWARE	61-10	2	1-METER NAT. DREDGE	06-20-61	42-50	70-15	70	
DELAWARE	61-10	7	1-METER NAT. DREDGE	06-21-61	42-50	69-00	187	SAND-SILT-CL
DELAWARE	61-10	18	1-METER NAT. DREDGE	06-22-61	43-00	66-45	212	
DELAWARE	61-10	18	1-METER NAT. DREDGE	06-22-61	43-00	66-45	212	
DELAWARE	61-10	34	1-METER NAT. DREDGE	06-23-61	43-09	70-00	121	
DELAWARE	61-10	38	1-METER NAT. DREDGE	06-23-61	43-10	69-00	174	CLAYEY SAND
DELAWARE	61-10	48	SMITH MCINTYRE GRAB	06-24-61	43-11	66-31	92	SHELL
DELAWARE	61-10	48	1-METER NAT. DREDGE	06-24-61	43-11	66-31	92	SHELL
DELAWARE	61-10	68	1-METER NAT. DREDGE	06-26-61	43-30	68-45	114	GRAVEL
DELAWARE	61-10	70	1-METER NAT. DREDGE	06-26-61	43-30	68-15	174	SAND-SILT-CL
DELAWARE	61-10	76	1-METER NAT. DREDGE	06-26-61	43-31	66-46	156	GRAVEL
DELAWARE	61-10	80	1-METER NAT. DREDGE	06-26-61	43-40	67-00	187	
DELAWARE	61-10	95	1-METER NAT. DREDGE	06-28-61	43-50	67-00	183	TILLOID
DELAWARE	61-10	107	SMITH MCINTYRE GRAB	06-29-61	43-29	68-16	183	SAND-SILT-CL
GOSNOLD	24	1246	CAMPBELL GRAB	09-01-63	43-30	65-00	112	GRAVEL
ALBATROSS IV	64-1	44	OTTER TRAWL	01-23-64	43-58	66-56	161	
ALBATROSS IV	64-6	1	OTTER TRAWL	04-29-64	42-08	66-56	73	
ALBATROSS IV	65-11	53	1-METER NAT. DREDGE	08-24-65	42-54	66-41	201	SAND
ALBATROSS IV	65-11	53	1-METER NAT. DREDGE	08-24-65	42-54	66-41	201	SAND
ALBATROSS IV	65-11	57	RING OR STRAMIN NET	08-24-65	42-40	67-30	201	GRAVELLY SAN
ALBATROSS IV	65-11	57	RING OR STRAMIN NET	08-24-65	42-40	67-30	201	GRAVELLY SAN
ALBATROSS IV	65-11	57	1-METER NAT. DREDGE	08-24-65	42-40	67-30	201	GRAVELLY SAN
ALBATROSS IV	65-11	67	1-METER NAT. DREDGE	08-26-65	42-59	70-02	55	TILLOID
ALBATROSS IV	65-14	74	OTTER TRAWL	10-15-65	42-51	65-32	134	SAND
ALBATROSS IV	66-9	1003	1-METER NAT. DREDGE	07-15-66	42-09	65-53	247	SANDY GRAVEL
ALBATROSS IV	66-9	1004	1-METER NAT. DREDGE	07-15-66	42-11	65-50	247	GRAVEL
ALBATROSS IV	68-12	37	1-METER NAT. DREDGE	08-13-68	41-35	69-00	130	SAND

TABLE 105 CONT'D

MARGARITES COSTALIS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	68-12	69	1-METER NAT. DREDGE	08-15-68	42-27	66-08	247	GRAVEL
ALBATROSS IV	68-12	69	1-METER NAT. DREDGE	08-15-68	42-27	66-08	247	GRAVEL
ALBATROSS IV	68-12	74	1-METER NAT. DREDGE	08-15-68	42-11	65-56	229	GRAVEL
ALBATROSS IV	68-12	75	1-METER NAT. DREDGE	08-15-68	42-07	65-56	220	GRAVEL
ALBATROSS IV	68-12	92	1-METER NAT. DREDGE	08-16-68	42-36	65-52	88	SANDY GRAVEL
ALBATROSS IV	68-12	93	1-METER NAT. DREDGE	08-16-68	42-40	65-56	84	SANDY GRAVEL
ALBATROSS IV	68-12	101	1-METER NAT. DREDGE	08-16-68	42-54	65-48	119	GRAVEL
ALBATROSS IV	68-12	103	1-METER NAT. DREDGE	08-16-68	42-57	65-35	119	GRAVEL
ALBATROSS IV	68-12	105	1-METER NAT. DREDGE	08-17-68	43-06	65-34	101	SHELLY SAND
ALBATROSS IV	68-12	105	1-METER NAT. DREDGE	08-17-68	43-06	65-34	101	SHELLY SAND
ALBATROSS IV	68-12	107	1-METER NAT. DREDGE	08-17-68	43-17	65-35	40	GRAVEL
ALBATROSS IV	68-12	112	1-METER NAT. DREDGE	08-17-68	43-13	66-08	73	SANDY GRAVEL
ALBATROSS IV	68-12	115	1-METER NAT. DREDGE	08-17-68	43-10	66-29	91	SANDY SHELL
ALBATROSS IV	68-12	117	1-METER NAT. DREDGE	08-17-68	43-07	66-42	128	GRAVEL
ALBATROSS IV	68-12	125	1-METER NAT. DREDGE	08-17-68	43-34	66-20	73	GRAVEL
ALBATROSS IV	68-12	128	1-METER NAT. DREDGE	08-17-68	43-46	66-34	93	GRAVEL
ALBATROSS IV	68-12	131	1-METER NAT. DREDGE	08-18-68	43-56	66-36	91	GRAVEL
ALBATROSS IV	68-12	136	1-METER NAT. DREDGE	08-18-68	44-09	66-30	106	GRAVEL
ALBATROSS IV	68-12	142	1-METER NAT. DREDGE	08-18-68	44-25	66-25	188	TILLOID
ALBATROSS IV	68-12	144	1-METER NAT. DREDGE	08-18-68	44-25	66-40	137	SHELLY GRAVE
ALBATROSS IV	68-12	146	1-METER NAT. DREDGE	08-18-68	44-25	66-54	99	TILLOID
ALBATROSS IV	68-12	151	1-METER NAT. DREDGE	08-18-68	44-26	67-28	73	TILLOID
ALBATROSS IV	68-12	160	1-METER NAT. DREDGE	08-19-68	44-18	67-58	49	TILLOID
ALBATROSS IV	68-12	183	1-METER NAT. DREDGE	08-19-68	43-45	69-26	64	TILLOID
ALBATROSS IV	68-12	185	1-METER NAT. DREDGE	08-19-68	43-40	69-35	82	TILLOID
ALBATROSS IV	68-12	189	1-METER NAT. DREDGE	08-20-68	43-36	69-51	70	GRAVEL
ALBATROSS IV	68-12	198	1-METER NAT. DREDGE	08-20-68	43-22	70-18	37	SHELLY GRAVE
ALBATROSS IV	68-12	223	1-METER NAT. DREDGE	08-21-68	42-40	70-16	48	GRAVEL

TOTAL SAMPLES 61

TABLE 106 **MARGARITES GROENLANDICUS** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
	5	1	FISH STOMACHS	06-27-54	41-55	66-27	75	
	5	3	FISH STOMACHS	06-29-54	42-04	66-17	84	
	5	3	FISH STOMACHS	06-29-54	42-04	66-17	84	
ALBATROSS III	101	111	SMITH MCINTYRE GRAB	08-25-57	42-00	66-45	73	GRAVELLY SAN
ALBATROSS III	101	126	SMITH MCINTYRE GRAB	08-26-57	41-55	66-20	81	GRAVEL
ALBATROSS III	101	135	SMITH MCINTYRE GRAB	08-26-57	41-24	66-00	238	GRAVELLY SAN
ALBATROSS III	122	32	1-METER NAT. DREDGE	11-21-58	42-08	70-03	48	SAND
DELAWARE	59-9	50	SMITH MCINTYRE GRAB	08-07-59	43-08	66-08	77	SANDY GRAVEL
DELAWARE	59-9	88	1-METER NAT. DREDGE	08-08-59	42-32	65-39	95	GRAVEL
DELAWARE	61-10	2	1-METER NAT. DREDGE	06-20-61	42-50	70-15	70	
DELAWARE	61-10	47	SMITH MCINTYRE GRAB	06-24-61	43-10	66-45	165	SHELL
DELAWARE	61-10	48	SMITH MCINTYRE GRAB	06-24-61	43-11	66-31	92	SHELL
DELAWARE	61-10	48	1-METER NAT. DREDGE	06-24-61	43-11	66-31	92	SHELL
DELAWARE	61-10	48	1-METER NAT. DREDGE	06-24-61	43-11	66-31	92	SHELL
GOSNOLD	24	1237	CAMPBELL GRAB	08-31-63	43-10	65-44	64	SHELLY SAND
ALBATROSS IV	64-1	3	OTTER TRAWL	01-17-64	42-18	70-08	73	
ALBATROSS IV	64-1	81	OTTER TRAWL	01-26-64	41-58	66-02	93	
ALBATROSS IV	65-11	68	RING OR STRAMIN NET	08-26-65	42-52	70-20	55	CLAY
ALBATROSS IV	65-11	69	RING OR STRAMIN NET	08-26-65	42-38	70-11	77	SAND
ALBATROSS IV	65-11	69	1-METER NAT. DREDGE	08-26-65	42-38	70-11	77	SAND
ALBATROSS IV	65-11	70	1-METER NAT. DREDGE	08-26-65	42-23	70-22	31	SILT
ALBATROSS IV	65-11	70	1-METER NAT. DREDGE	08-26-65	42-23	70-22	31	SILT
ALBATROSS IV	65-11	70	1-METER NAT. DREDGE	08-26-65	42-23	70-22	31	SILT
ALBATROSS IV	66-9	1007	1-METER NAT. DREDGE	07-16-66	42-10	65-37	238	TILLOID
ALBATROSS IV	68-12	24	1-METER NAT. DREDGE	08-13-68	40-49	69-18	55	SANDY GRAVEL
ALBATROSS IV	68-12	73	1-METER NAT. DREDGE	08-15-68	42-17	65-55	238	GRAVEL
ALBATROSS IV	68-12	90	1-METER NAT. DREDGE	08-16-68	42-31	65-41	90	SANDY GRAVEL
ALBATROSS IV	68-12	96	1-METER NAT. DREDGE	08-16-68	42-50	66-10	57	SANDY GRAVEL
ALBATROSS IV	68-12	120	1-METER NAT. DREDGE	08-17-68	43-18	66-29	57	SHELLY GRAVE
ALBATROSS IV	68-12	122	1-METER NAT. DREDGE	08-17-68	43-25	66-16	82	GRAVEL

TOTAL SAMPLES 30

TABLE 107

MARGARITES HELICINUS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	59-9	88	1-METER NAT. DREDGE	08-08-59	42-32	65-39	95	GRAVEL
DELAWARE	61-10	47	SMITH MCINTYRE GRAB	06-24-61	43-10	66-45	165	SHELL

TOTAL SAMPLES 2

TABLE 108

MARGARITES OLIVACEUS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	59-10	16	40 FT SHRIMP TRAWL	08-27-59	39-46	70-56	1463	

TOTAL SAMPLES 1

TABLE 109 **MARGINELLA BOREALIS** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	13	1074	CAMPBELL GRAB	05-12-63	39-43	71-53	225	SAND
GOSNOLD	29	1366	CAMPBELL GRAB	10-19-63	38-31	73-20	114	SAND

TOTAL SAMPLES 2

TABLE 110 **MARGINELLA ROSCIDA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	45	1428	CAMPBELL GRAB	05-17-64	36-20	75-14	30	SAND

TOTAL SAMPLES 1

TABLE 111

MARGINELLA SP

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	29	1366	CAMPBELL GRAB	10-19-63	38-31	73-20	114	SAND

TOTAL SAMPLES 1

TABLE 112

MARSENINA GLABRA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	59-12	53	OTTER TRAWL	10-02-59	42-51	65-53	91	
ALBATROSS IV	68-12	123	1-METER NAT. DREDGE	08-17-68	43-27	66-12	55	GRAVEL
ALBATROSS IV	68-12	144	1-METER NAT. DREDGE	08-18-68	44-25	66-40	128	SHELLY GRAVE
ALBATROSS IV	68-12	213	1-METER NAT. DREDGE	08-20-68	42-46	70-22	88	TILLOID

TOTAL SAMPLES 4

TABLE 113 **MELAMPUS BIDENTATUS** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		9306	MISC. GEAR	05-01-55	41-37	70-26	1	
		9402	6 FOOT SEINE	10-14-64	41-41	70-38	1	SAND-SILT-CL

TOTAL SAMPLES 2

TABLE 114

MITRELLA DIAPHANA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	68-12	40	1-METER NAT. DREDGE	08-14-68	41-34	68-40	128	SANDY SILT
ALBATROSS IV	68-12	40	1-METER NAT. DREDGE	08-14-68	41-34	68-40	128	SANDY SILT

TOTAL SAMPLES 2

TABLE 115

MITRELLA DISSIMILIS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	67	2	PETERSEN GRAB	10-04-55	40-30	70-35	68	SILT-CLAY
ALBATROSS III	101	79	SMITH MCINTYRE GRAB	08-24-57	40-37	67-28	86	SAND
ALBATROSS III	101	135	SMITH MCINTYRE GRAB	08-26-57	41-24	66-00	238	GRAVELLY SAN
ALBATROSS III	101	171	SMITH MCINTYRE GRAB	08-28-57	40-54	66-46	103	SHELLY SAND
GOSNOLD	13	1060	CAMPBELL GRAB	05-10-63	40-20	68-31	123	SAND
GOSNOLD	13	1060	CAMPBELL GRAB	05-10-63	40-20	68-31	123	SAND
GOSNOLD	13	1074	CAMPBELL GRAB	05-12-63	39-43	71-53	225	SAND
GOSNOLD	22	1125	CAMPBELL GRAB	08-07-63	41-10	66-31	95	SHELLY SAND
GOSNOLD	22	1125	CAMPBELL GRAB	08-07-63	41-10	66-31	95	SHELLY SAND
GOSNOLD	29	1356	CAMPBELL GRAB	10-19-63	38-50	73-00	102	SAND
GOSNOLD	29	1364	CAMPBELL GRAB	10-19-63	38-31	73-31	79	SAND
GOSNOLD	29	1364	CAMPBELL GRAB	10-19-63	38-31	73-31	79	SAND
GOSNOLD	29	1366	CAMPBELL GRAB	10-19-63	38-31	73-20	114	SAND
GOSNOLD	29	1366	CAMPBELL GRAB	10-19-63	38-31	73-20	114	SAND
GOSNOLD	29	1374	CAMPBELL GRAB	10-25-63	39-31	73-01	69	SAND
GOSNOLD	45	1839	CAMPBELL GRAB	06-25-64	33-31	76-45	250	SAND
GOSNOLD	45	1884	CAMPBELL GRAB	06-28-64	37-19	74-29	210	SILTY SAND
GOSNOLD	49	2196	CAMPBELL GRAB	08-28-64	41-04	66-24	720	SILTY SAND
ASTERIAS	64-2	2011	SMITH MCINTYRE GRAB	08-09-64	41-14	71-32	34	SAND
ASTERIAS	64-2	2011	SMITH MCINTYRE GRAB	08-09-64	41-14	71-32	34	SAND
ALBATROSS IV	65-11	5	BOTTOM SKIMMER	08-18-65	40-41	71-00	59	SILT
ALBATROSS IV	65-11	5	BOTTOM SKIMMER	08-18-65	40-41	71-00	59	SILT
ALBATROSS IV	65-11	5	SMITH MCINTYRE GRAB	08-18-65	40-41	71-00	59	SILT-CLAY
ALBATROSS IV	65-11	5	SMITH MCINTYRE GRAB	08-18-65	40-41	71-00	59	SAND-SILT
ALBATROSS IV	65-11	31	SMITH MCINTYRE GRAB	08-21-65	40-12	69-08	114	SAND

TOTAL SAMPLES 25

TABLE 116 **MITRELLA LUNATA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		9301	DIP NET	06-10-54	41-31	70-41	1	
ALBATROSS III	124	2	1-METER SLED NET	12-16-58	41-28	70-43	22	
ALBATROSS III	124	5	1-METER NAT. DREDGE	12-17-58	41-25	70-45	24	
ALBATROSS III	124	5	1-METER NAT. DREDGE	12-17-58	41-25	70-46	24	
GILBERT	1	1	DIVING PERSON-SCUBA	06-25-59	41-20	71-06	30	GRAVEL
GILBERT	1	1	DIVING PERSON-SCUBA	06-25-59	41-20	71-06	30	GRAVEL
GILBERT	1	1	DIVING PERSON-SCUBA	06-25-59	41-20	71-06	30	GRAVEL
		9102	DIP NET	04-30-60	41-42	70-18	1	SILTY SAND
		9401	DIP NET	10-02-60	41-42	70-37	1	
		9407	6 FOOT SEINE	02-13-60	41-35	70-39	1	
		9301	OTTER TRAWL	10-26-61	41-31	70-41	3	
		9407	MISC. GEAR	10-08-61	41-35	70-39	1	
BLUEBACK		9503	1-METER SLED NET	11-02-61	41-28	70-45	3	
BLUEBACK		9503	1-METER SLED NET	11-02-61	41-28	70-45	3	
BLUEBACK		9505	MISC. GEAR	11-02-61	41-28	70-38	5	
		3	FISH STOMACHS	05-15-62	41-05	71-35	33	
		9301	DIP NET	01-21-62	41-31	70-41	1	MUD
		9301	MISC. GEAR	02-09-62	41-31	70-41	5	
		9301	OTTER TRAWL	07-09-62	41-31	70-41	3	
		9302	MISC. GEAR	05-03-62	41-31	70-40	3	
		9311	MISC. GEAR	08-02-62	41-33	70-33	1	
		9413	MISC. GEAR	10-21-62	41-45	70-37	1	
		9500	MISC. GEAR	05-03-62	41-30	70-40	0	
		9903	MISC. GEAR	11-09-62	40-06	74-03	1	
BLUEBACK	62-1	1	1-METER SLED NET	04-05-62	41-28	70-38	3	SAND
GOSNOLD	10	1001	CAMPBELL GRAB	04-26-63	41-28	70-46	20	GRAVELLY SAN
GOSNOLD	10	1005	SMITH MCINTYRE GRAB	04-26-63	41-28	70-52	22	SANDY SILT
GOSNOLD	10	1005	CAMPBELL GRAB	04-26-63	41-28	70-52	22	SANDY SILT
GOSNOLD	10	1006	CAMPBELL GRAB	04-26-63	41-32	70-47	18	SAND-SILT-CL
GOSNOLD	11	1007	CAMPBELL GRAB	04-30-63	41-27	70-42	37	SANDY GRAVEL
GOSNOLD	11	1007	CAMPBELL GRAB	04-30-63	41-27	70-42	37	SANDY GRAVEL
GOSNOLD	11	1008	CAMPBELL GRAB	04-30-63	41-22	70-48	26	SAND
GOSNOLD	12	1012	CAMPBELL GRAB	05-02-63	41-27	70-15	20	SAND

TABLE 116 CONT'D

MITRELLA LUNATA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	13	1056	CAMPBELL GRAB	05-09-63	41-11	70-12	23	SAND
GOSNOLD	13	1057	CAMPBELL GRAB	05-09-63	41-05	70-00	28	SAND
GOSNOLD	13	1060	CAMPBELL GRAB	05-10-63	40-20	68-31	123	SAND
GOSNOLD	22	1102	CAMPBELL GRAB	08-05-63	41-20	69-44	23	SANDY GRAVEL
GOSNOLD	22	1208	CAMPBELL GRAB	08-17-63	41-40	70-42	10	SAND
GOSNOLD	29	1346	CAMPBELL GRAB	10-16-63	39-10	74-31	23	SAND
GOSNOLD	29	1364	CAMPBELL GRAB	10-19-63	38-31	73-31	79	SAND
GOSNOLD	45	1499	CAMPBELL GRAB	05-22-64	30-40	81-14	16	SAND
GOSNOLD	45	1503	CAMPBELL GRAB	05-22-64	30-20	81-15	9	SHELLY SAND
GOSNOLD	45	1508	CAMPBELL GRAB	05-22-64	30-00	81-15	16	SHELLY SAND
GOSNOLD	45	1513	CAMPBELL GRAB	05-23-64	29-40	81-00	15	SAND
GOSNOLD	45	1516	CAMPBELL GRAB	05-23-64	29-30	81-06	13	CLAYEY SAND
GOSNOLD	45	1518	CAMPBELL GRAB	05-23-64	29-21	81-02	15	CLAYEY SAND
GOSNOLD	45	1519	CAMPBELL GRAB	05-23-64	29-11	80-54	12	SAND
GOSNOLD	45	1550	CAMPBELL GRAB	05-25-64	27-10	80-07	14	SANDY SHELL
GOSNOLD	45	1553	CAMPBELL GRAB	05-25-64	26-42	80-01	36	SAND
GOSNOLD	45	1581	CAMPBELL GRAB	06-01-64	24-23	81-15	191	SAND
GOSNOLD	49	2057	CAMPBELL GRAB	08-05-64	36-48	75-45	22	GRAVELLY SAN
GOSNOLD	49	2192	CAMPBELL GRAB	08-27-64	40-45	66-35	1715	CLAYEY SILT
ASTERIAS	64-1	1407	SMITH MCINTYRE GRAB	04-22-64	41-34	70-22	19	SAND
ASTERIAS	64-1	1412	SMITH MCINTYRE GRAB	04-23-64	41-23	70-24	14	SANDY GRAVEL
ASTERIAS	64-2	1934	SMITH MCINTYRE GRAB	07-20-64	41-36	71-23	9	SANDY SILT
ASTERIAS	64-2	1935	SMITH MCINTYRE GRAB	07-20-64	41-29	71-25	13	SHELL
ASTERIAS	64-2	1969	SMITH MCINTYRE GRAB	07-29-64	39-00	74-59	8	SAND-SILT-CL
ALBATROSS IV	65-11	5	BOTTOM SKIMMER	08-18-65	40-41	71-00	59	SILT
ASTERIAS	65-1	2252	SMITH MCINTYRE GRAB	05-18-65	33-33	78-57	8	SHELLY SAND
ALBATROSS IV	68-12	1	1-METER NAT. DREDGE	08-12-68	41-28	70-28	16	SAND
ALBATROSS IV	68-12	1	1-METER NAT. DREDGE	08-12-68	41-28	70-28	16	SAND

TOTAL SAMPLES 61

TABLE 117

NITRELLA PURA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	13	1060	CAMPBELL GRAB	05-10-63	40-20	68-31	123	SAND
GOSNOLD	29	1282	CAMPBELL GRAB	10-10-63	40-22	72-02	57	SAND
GOSNOLD	29	1335	CAMPBELL GRAB	10-15-63	39-10	72-30	406	SILTY SAND
GOSNOLD	29	1357	CAMPBELL GRAB	10-19-63	38-51	72-54	564	SANDY SILT
GOSNOLD	29	1367	CAMPBELL GRAB	10-20-63	38-31	73-15	455	SAND
GOSNOLD	29	1371	CAMPBELL GRAB	10-25-63	39-04	72-40	446	SAND
GOSNOLD	45	1853	CAMPBELL GRAB	06-26-64	33-45	75-57	852	CLAYEY SILT
GOSNOLD	49	2091	CAMPBELL GRAB	08-08-64	37-22	74-24	885	CLAYEY SILT
GOSNOLD	49	2092	CAMPBELL GRAB	08-08-64	37-30	74-19	505	SILTY SAND
GOSNOLD	49	2101	CAMPBELL GRAB	08-09-64	37-55	73-54	800	CLAYEY SILT
GOSNOLD	49	2138	CAMPBELL GRAB	08-17-64	39-55	70-52	500	SANDY SILT
GOSNOLD	49	2139	CAMPBELL GRAB	08-17-64	39-56	70-26	440	SAND
GOSNOLD	49	2139	CAMPBELL GRAB	08-17-64	39-56	70-26	440	SAND
GOSNOLD	49	2175	CAMPBELL GRAB	08-22-64	40-04	68-33	505	SAND
GOSNOLD	49	2177	CAMPBELL GRAB	08-22-64	40-02	68-56	505	SILTY SAND
GOSNOLD	49	2177	CAMPBELL GRAB	08-22-64	40-02	68-56	505	SILTY SAND
GOSNOLD	49	2190	CAMPBELL GRAB	08-27-64	40-31	67-01	1000	SILTY SAND
GOSNOLD	49	2196	CAMPBELL GRAB	08-28-64	41-04	66-24	720	SILTY SAND
ALBATROSS IV	65-11	11	RING OR STRAMIN NET	08-19-65	39-58	71-00	458	SILT
ALBATROSS IV	65-11	33	RING OR STRAMIN NET	08-21-65	40-20	68-49	92	SAND
ASTERIAS	65-1	2273	SMITH MCINTYRE GRAB	05-23-65	31-42	81-07	13	SAND

TOTAL SAMPLES 21

TABLE 118

MITRELLA ROSACEA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	13	1071	CAMPBELL GRAB	05-12-63	39-52	71-32	346	SANDY SILT
GOSNOLD	24	1237	CAMPBELL GRAB	08-31-63	43-10	65-44	64	SHELLY SAND
GOSNOLD	49	2182	CAMPBELL GRAB	08-26-64	40-22	67-30	465	SILTY SAND
ALBATROSS IV	65-13	12	RING OR STRAMIN NET	09-23-65	40-42	67-52	80	SAND
ALBATROSS IV	65-13	19	RING OR STRAMIN NET	09-23-65	40-58	67-42	53	SAND
ALBATROSS IV	65-13	21	RING OR STRAMIN NET	09-24-65	40-51	67-42	66	SAND
ALBATROSS IV	65-13	39	RING OR STRAMIN NET	09-24-65	40-48	67-27	86	
ALBATROSS IV	68-12	107	1-METER NAT. DREDGE	08-17-68	43-17	65-35	40	GRAVEL

TOTAL SAMPLES 8

TABLE 119 MITRELLA SP PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	59-9	62	1-METER NAT. DREDGE	08-07-59	42-25	66-05	249	GRAVEL
		9413	MISC. GEAR	10-21-62	41-45	70-37	1	
GOSNOLD	13	1078	CAMPBELL GRAB	05-13-63	39-30	72-14	376	SAND-SILT-CL
GOSNOLD	49	2138	CAMPBELL GRAB	08-17-64	39-55	70-52	500	SANDY SILT
GOSNOLD	49	2196	CAMPBELL GRAB	08-28-64	41-04	66-24	720	SILTY SAND

TOTAL SAMPLES 5

TABLE 120

MOHNIA CAELATULUS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	49	2100	CAMPBELL GRAB	08-09-64	37-52	73-52	900	SILTY SAND

TOTAL SAMPLES 1

TABLE 121

MOLLERIA COSTULATA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	61-10	47	SMITH MCINTYRE GRAB	06-24-61	43-10	66-45	165	SHELL
DELAWARE	61-10	47	SMITH MCINTYRE GRAB	06-24-61	43-10	66-45	165	SHELL
GOSNOLD	45	1428	CAMPBELL GRAB	05-17-64	36-20	75-14	30	SAND

TOTAL SAMPLES 3

TABLE 122

NASSARIUS ALBUS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	45	1553	CAMPBELL GRAB	05-25-64	26-42	80-01	36	SAND
GOSNOLD	45	1560	CAMPBELL GRAB	05-31-64	24-42	80-46	82	SILTY SAND

TOTAL SAMPLES 2

TABLE 123 **NASSARIUS TRIVITTATUS** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	80	6	DIGBY DRAG	08-16-56	41-23	67-38	40	SAND
ALBATROSS III	80	6	DIGBY DRAG	08-16-56	41-23	67-38	40	SAND
ALBATROSS III	124	6	1-METER NAT. DREDGE	12-17-58	41-28	70-52	20	
ALBATROSS III	124	6	1-METER NAT. DREDGE	12-17-58	41-27	70-53	15	
ALBATROSS III	124	6	1-METER NAT. DREDGE	12-17-58	41-27	70-54	15	
ALBATROSS III	124	6	1-METER NAT. DREDGE	12-17-58	41-27	70-54	15	
ASTERIAS	1	5	OTTER TRAWL	05-19-59	41-28	70-53	16	
		9203	MISC. GEAR	08-14-60	41-47	69-58	1	
		9301	MISC. GEAR	05-29-62	41-31	70-41	1	
DELAWARE	62-7	2	1-METER NAT. DREDGE	06-13-62	40-51	69-31	46	SAND
DELAWARE	62-7	4	1-METER NAT. DREDGE	06-13-62	40-30	69-29	62	SAND
DELAWARE	62-7	4	1-METER NAT. DREDGE	06-13-62	40-30	69-29	62	SAND
DELAWARE	62-7	14	1-METER NAT. DREDGE	06-14-62	40-40	69-45	59	SAND
DELAWARE	62-7	14	1-METER NAT. DREDGE	06-14-62	40-40	69-45	59	SAND
DELAWARE	62-7	15	1-METER NAT. DREDGE	06-14-62	40-50	69-45	37	SAND
DELAWARE	62-7	16	1-METER NAT. DREDGE	06-15-62	40-46	70-00	38	SAND
DELAWARE	62-7	27	1-METER NAT. DREDGE	06-15-62	40-50	70-15	44	SAND
DELAWARE	62-7	28	1-METER NAT. DREDGE	06-16-62	41-00	70-15	33	SAND
DELAWARE	62-7	29	1-METER NAT. DREDGE	06-16-62	41-11	70-16	28	SAND
DELAWARE	62-7	30	1-METER NAT. DREDGE	06-16-62	41-10	70-30	38	SAND
DELAWARE	62-7	30	1-METER NAT. DREDGE	06-16-62	41-10	70-30	38	SAND
DELAWARE	62-7	30	1-METER NAT. DREDGE	06-16-62	41-10	70-30	38	SAND
DELAWARE	62-7	31	1-METER NAT. DREDGE	06-16-62	41-00	70-30	48	SAND
DELAWARE	62-7	44	1-METER NAT. DREDGE	06-17-62	41-00	70-45	51	SAND
DELAWARE	62-7	47	1-METER NAT. DREDGE	06-17-62	41-00	71-00	51	GRAVELLY SAN
DELAWARE	62-7	48	1-METER NAT. DREDGE	06-18-62	40-50	71-00	59	SAND
DELAWARE	62-7	62	1-METER NAT. DREDGE	06-19-62	41-01	71-16	48	SAND
DELAWARE	62-7	63	1-METER NAT. DREDGE	06-19-62	41-10	71-15	38	SAND
GOSNOLD	10	1005	SMITH MCINTYRE GRAB	04-26-63	41-28	70-52	22	SANDY SILT
GOSNOLD	10	1006	CAMPBELL GRAB	04-26-63	41-32	70-47	18	SAND-SILT-CL
GOSNOLD	11	1007	CAMPBELL GRAB	04-30-63	41-27	70-42	37	SANDY GRAVEL
GOSNOLD	29	1287	CAMPBELL GRAB	10-11-63	40-20	73-15	36	SAND
GOSNOLD	29	1346	CAMPBELL GRAB	10-16-63	39-10	74-31	23	SAND

TABLE 123 CONT'D

NASSARIUS TRIVITTATUS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	29	1347	CAMPBELL GRAB	10-16-63	39-00	74-30	25	SAND
GOSNOLD	29	1364	CAMPBELL GRAB	10-19-63	38-31	73-31	79	SAND
GOSNOLD	29	1396	CAMPBELL GRAB	10-26-63	40-48	72-26	28	SAND
ALBATROSS IV	63-7	115	OTTER TRAWL	12-04-63	41-21	68-30	66	
ALBATROSS IV	63-7	116	OTTER TRAWL	12-04-63	41-12	67-50	38	
ALBATROSS IV	63-7	136	OTTER TRAWL	12-07-63	40-52	67-58	60	
ALBATROSS IV	63-7	150	OTTER TRAWL	12-09-63	40-42	70-01	42	
GOSNOLD	45	1428	CAMPBELL GRAB	05-17-64	36-20	75-14	30	SAND
GOSNOLD	45	1428	CAMPBELL GRAB	05-17-64	36-20	75-14	30	SAND
GOSNOLD	45	1429	CAMPBELL GRAB	05-17-64	36-10	75-15	25	SAND
GOSNOLD	45	1435	CAMPBELL GRAB	05-18-64	35-11	75-15	25	SAND
GOSNOLD	45	1486	CAMPBELL GRAB	05-21-64	31-58	80-30	15	SAND
GOSNOLD	45	1570	CAMPBELL GRAB	05-31-64	24-35	81-07	83	SILTY SAND
GOSNOLD	45	1870	CAMPBELL GRAB	06-27-64	35-29	74-58	39	SAND
GOSNOLD	49	2052	CAMPBELL GRAB	08-05-64	36-50	75-15	29	SAND
GOSNOLD	49	2062	CAMPBELL GRAB	08-06-64	36-20	75-30	30	SAND
GOSNOLD	49	2064	CAMPBELL GRAB	08-06-64	36-00	75-30	23	SAND
ALBATROSS IV	64-12	50	SCALLOP DREDGE	10-11-64	40-42	67-41	77	
ALBATROSS IV	64-1	119	OTTER TRAWL	02-06-64	41-17	68-10	46	
ALBATROSS IV	64-1	120	OTTER TRAWL	02-06-64	41-11	67-49	42	
ALBATROSS IV	64-1	122	OTTER TRAWL	02-06-64	41-08	67-36	53	
ALBATROSS IV	64-1	123	OTTER TRAWL	02-06-64	41-16	67-16	51	
ALBATROSS IV	64-1	124	OTTER TRAWL	02-06-64	41-28	67-07	51	
ALBATROSS IV	64-1	146	OTTER TRAWL	02-09-64	40-38	69-00	60	
ALBATROSS IV	64-1	154	OTTER TRAWL	02-10-64	40-50	69-49	31	
ALBATROSS IV	64-1	155	OTTER TRAWL	02-10-64	40-40	70-00	46	
ALBATROSS IV	64-1	176	OTTER TRAWL	02-12-64	39-47	71-53	183	
ALBATROSS IV	64-1	185	OTTER TRAWL	02-13-64	39-46	73-48	24	
ALBATROSS IV	64-1	189	OTTER TRAWL	02-14-64	40-43	72-38	27	
ALBATROSS IV	64-1	189	OTTER TRAWL	02-14-64	40-43	72-38	27	
ALBATROSS IV	64-1	190	OTTER TRAWL	02-14-64	40-37	72-14	49	
ALBATROSS IV	64-1	191	OTTER TRAWL	02-14-64	40-52	72-09	31	
ALBATROSS IV	64-1	1092	SMITH MCINTYRE GRAB	02-05-64	42-10	70-42	20	SAND

TABLE 123 CONT'D

NASSARIUS TRIVITTATUS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ASTERIAS	64-2	1899	SMITH MCINTYRE GRAB	07-02-64	42-25	70-56	13	GRAVELLY SAN
ASTERIAS	64-2	1930	SMITH MCINTYRE GRAB	07-17-64	41-45	70-16	11	SAND
ASTERIAS	64-2	1969	SMITH MCINTYRE GRAB	07-29-64	39-00	74-59	8	SAND-SILT-CL
ASTERIAS	64-2	1969	SMITH MCINTYRE GRAB	07-29-64	39-00	74-59	8	SAND-SILT-CL
ALBATROSS IV	65-11	1	1-METER NAT. DREDGE	08-17-65	41-17	71-00	37	
ALBATROSS IV	65-11	2	1-METER NAT. DREDGE	08-17-65	41-10	71-00	33	SAND
ALBATROSS IV	65-11	3	1-METER NAT. DREDGE	08-17-65	40-58	70-59	49	SAND
ALBATROSS IV	65-11	4	1-METER NAT. DREDGE	08-17-65	40-50	71-00	57	SILT
ALBATROSS IV	65-11	26	1-METER NAT. DREDGE	08-20-65	40-42	70-00	40	SAND
ALBATROSS IV	65-11	38	1-METER NAT. DREDGE	08-21-65	40-46	68-16	55	SAND
ALBATROSS IV	65-11	38	1-METER NAT. DREDGE	08-21-65	40-46	68-16	55	SAND
ALBATROSS IV	65-11	42	1-METER NAT. DREDGE	08-22-65	41-01	67-32	66	SAND
ALBATROSS IV	66-9	123	SCALLOP DREDGE	07-19-66	40-58	67-52	51	SAND
ALBATROSS IV	68-12	1	1-METER NAT. DREDGE	08-12-68	41-28	70-28	16	SAND
ALBATROSS IV	68-12	1	1-METER NAT. DREDGE	08-12-68	41-28	70-28	16	SAND
ALBATROSS IV	68-12	1	1-METER NAT. DREDGE	08-12-68	41-28	70-28	16	SAND
ALBATROSS IV	68-12	1	BOTTOM SKIMMER	08-12-68	41-28	70-27	16	SAND
ALBATROSS IV	68-12	2	1-METER NAT. DREDGE	08-12-68	41-28	70-20	13	SAND
ALBATROSS IV	68-12	3	1-METER NAT. DREDGE	08-12-68	41-30	70-13	15	SAND
ALBATROSS IV	68-12	3	1-METER NAT. DREDGE	08-12-68	41-30	70-13	15	SAND
ALBATROSS IV	68-12	4	1-METER NAT. DREDGE	08-12-68	41-29	70-04	15	SAND
ALBATROSS IV	68-12	16	1-METER NAT. DREDGE	08-13-68	40-58	69-31	38	SAND
ALBATROSS IV	68-12	18	1-METER NAT. DREDGE	08-13-68	40-54	69-44	37	SAND
ALBATROSS IV	68-12	19	1-METER NAT. DREDGE	08-13-68	40-48	69-44	38	SHELLY SAND
ALBATROSS IV	68-12	20	1-METER NAT. DREDGE	08-13-68	40-44	69-42	46	SAND
ALBATROSS IV	68-12	21	1-METER NAT. DREDGE	08-13-68	40-44	69-37	46	SAND
ALBATROSS IV	68-12	22	1-METER NAT. DREDGE	08-13-68	40-44	69-30	46	SAND
ALBATROSS IV	68-12	23	1-METER NAT. DREDGE	08-13-68	40-44	69-23	48	SILTY SAND
ALBATROSS IV	68-12	27	1-METER NAT. DREDGE	08-13-68	40-47	68-58	73	SILTY SAND
ALBATROSS IV	68-12	28	1-METER NAT. DREDGE	08-13-68	40-52	68-59	79	SAND
ALBATROSS IV	68-12	42	1-METER NAT. DREDGE	08-14-68	41-34	68-26	55	SAND
ALBATROSS IV	68-12	43	1-METER NAT. DREDGE	08-14-68	41-40	68-26	55	SAND
ALBATROSS IV	68-12	44	1-METER NAT. DREDGE	08-14-68	41-42	68-20	64	SAND

TABLE 123 CONT'D

NASSARIUS TRIVITTATUS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	68-12	45	1-METER NAT. DREDGE	08-14-68	41-44	68-15	55	SAND
ALBATROSS IV	68-12	46	1-METER NAT. DREDGE	08-14-68	41-47	68-09	55	SAND
ALBATROSS IV	68-12	47	1-METER NAT. DREDGE	08-14-68	41-50	68-02	51	SAND
ALBATROSS IV	68-12	48	1-METER NAT. DREDGE	08-14-68	41-50	67-56	51	SAND
ALBATROSS IV	68-12	49	1-METER NAT. DREDGE	08-14-68	41-54	67-52	55	GRAVELLY SAN
ALBATROSS IV	68-12	50	1-METER NAT. DREDGE	08-14-68	41-57	67-47	51	GRAVELLY SAN
ALBATROSS IV	68-12	170	1-METER NAT. DREDGE	08-19-68	44-00	68-22	101	SILT-CLAY
ALBATROSS IV	68-12	239	1-METER NAT. DREDGE	08-21-68	41-58	70-27	49	TILLOID

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VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		9401	DIP NET	10-02-60	41-42	70-37	1	
		9301	MISC. GEAR	01-20-62	41-31	70-41	1	
GOSNOLD	11	1008	CAMPBELL GRAB	04-30-63	41-22	70-48	26	SAND
GOSNOLD	49	2064	CAMPBELL GRAB	08-06-64	36-00	75-30	23	SAND
ASTERIAS	64-2	1906	SMITH MCINTYRE GRAB	07-09-64	44-19	68-31	45	SILTY CLAY

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TABLE 125

NATICA CLAUSA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		15		09-19-53	42-10	66-05	132	
		3		07-19-54	42-07	66-30	90	
	2	1	FISH STOMACHS	01-21-54	44-05	61-58	128	
ALBATROSS III	70	57	DIGBY DRAG	12-19-55	41-38	69-38	68	SAND
ALBATROSS III	80	3	DIGBY DRAG	08-13-56	41-54	65-57	108	SAND
ALBATROSS III	80	3	DIGBY DRAG	08-13-56	41-54	65-57	108	SAND
ALBATROSS III	80	4	DIGBY DRAG	08-14-56	42-09	66-52	102	GRAVELLY SAN
ALBATROSS III	80	4	OTTER TRAWL	08-14-56	42-09	66-52	103	GRAVELLY SAN
ALBATROSS III	80	5	DIGBY DRAG	08-15-56	42-10	67-58	232	SILTY SAND
ALBATROSS III	80	5	DIGBY DRAG	08-15-56	42-10	67-58	232	SILTY SAND
ALBATROSS III	122	3	1-METER NAT. DREDGE	11-17-58	42-16	70-00	104	GRAVEL
ALBATROSS III	124	6	1-METER NAT. DREDGE	12-17-58	41-27	70-54	15	
DELAWARE	59-9	9	SMITH MCINTYRE GRAB	08-05-59	42-00	69-00	135	SAND
DELAWARE	59-9	62	1-METER NAT. DREDGE	08-07-59	42-25	66-05	249	GRAVEL
DELAWARE	59-9	71	1-METER NAT. DREDGE	08-07-59	43-03	65-30	128	GRAVEL
WHALING CITY	2(4	1	SCALLOP DREDGE	06-03-59	41-26	66-33	88	
GILBERT	1	1	DIVING PERSON-SCUBA	06-25-59	41-20	71-06	30	GRAVEL
DELAWARE	61-10	2	1-METER NAT. DREDGE	06-20-61	42-50	70-15	70	
DELAWARE	61-10	7	1-METER NAT. DREDGE	06-21-61	42-50	69-00	187	SAND-SILT-CL
DELAWARE	61-10	11	SMITH MCINTYRE GRAB	06-21-61	42-50	68-00	220	TILLOID
DELAWARE	61-10	23	SMITH MCINTYRE GRAB	06-22-61	43-00	68-00	192	SAND-SILT-CL
DELAWARE	61-10	29	SMITH MCINTYRE GRAB	06-23-61	43-00	69-30	201	MUDDY GRAVEL
DELAWARE	61-10	36	1-METER NAT. DREDGE	06-23-61	43-10	69-30	156	TILLOID
DELAWARE	61-10	38	1-METER NAT. DREDGE	06-23-61	43-10	69-00	174	CLAYEY SAND
DELAWARE	61-10	44	1-METER NAT. DREDGE	06-24-61	43-10	67-30	211	TILLOID
DELAWARE	61-10	48	SMITH MCINTYRE GRAB	06-24-61	43-11	66-31	92	SHELL
DELAWARE	61-10	48	1-METER NAT. DREDGE	06-24-61	43-11	66-31	92	SHELL
DELAWARE	61-10	48	1-METER NAT. DREDGE	06-24-61	43-11	66-31	92	SHELL
DELAWARE	61-10	76	1-METER NAT. DREDGE	06-26-61	43-31	66-46	156	GRAVEL
DELAWARE	61-10	78	1-METER NAT. DREDGE	06-26-61	43-40	66-30	95	
DELAWARE	61-10	97	1-METER NAT. DREDGE	06-28-61	44-00	66-30	119	SHELLY GRAVE
DELAWARE	61-10	97	1-METER NAT. DREDGE	06-28-61	44-00	66-30	119	SHELLY GRAVE

TABLE 125 CONT'D

NATICA CLAUSA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	62-7	1	SMITH MCINTYRE GRAB	06-13-62	40-58	69-30	46	GRAVELLY SAN
DELAWARE	62-7	4	BOTTOM SKIMMER	06-13-62	40-30	69-29	62	SAND
GOSNOLD	12	1041	CAMPBELL GRAB	05-05-63	44-20	68-00	38	MUDDY SAND
GOSNOLD	12	1042	CAMPBELL GRAB	05-05-63	44-10	68-01	89	CLAYEY SILT
GOSNOLD	24	1237	CAMPBELL GRAB	08-31-63	43-10	65-44	64	SHELLY SAND
GOSNOLD	29	1275	CAMPBELL GRAB	10-10-63	40-40	71-46	59	GRAVELLY SAN
GOSNOLD	29	1310	CAMPBELL GRAB	10-13-63	39-41	73-01	64	SAND
GOSNOLD	29	1339	CAMPBELL GRAB	10-15-63	39-01	73-15	69	SAND
GOSNOLD	29	1374	CAMPBELL GRAB	10-25-63	39-31	73-01	69	SAND
GOSNOLD	29	1376	CAMPBELL GRAB	10-25-63	39-31	73-31	39	SAND
GOSNOLD	29	1389	CAMPBELL GRAB	10-26-63	40-36	73-10	22	SAND
ALBATROSS IV	63-7	15	OTTER TRAWL	11-15-63	43-15	69-38	159	
ALBATROSS IV	63-7	33	OTTER TRAWL	11-18-63	42-52	68-24	174	
ALBATROSS IV	63-7	36	OTTER TRAWL	11-18-63	42-20	67-51	192	
ALBATROSS IV	63-7	107	OTTER TRAWL	12-03-63	42-07	69-06	174	
GOSNOLD	49	2192	CAMPBELL GRAB	08-27-64	40-45	66-35	1715	CLAYEY SILT
GOSNOLD	49	2193	CAMPBELL GRAB	08-27-64	40-52	66-34	610	SILTY SAND
GOSNOLD	49	2196	CAMPBELL GRAB	08-28-64	41-04	66-24	720	SILTY SAND
ALBATROSS IV	64-13	49	OTTER TRAWL	11-16-64	42-24	67-54	186	GRAVEL
ALBATROSS IV	64-1	45	OTTER TRAWL	01-23-64	43-56	66-32	84	
ALBATROSS IV	64-1	81	OTTER TRAWL	01-26-64	41-58	66-02	93	
ALBATROSS IV	64-1	82	OTTER TRAWL	01-26-64	41-41	65-54	119	
ALBATROSS IV	64-10	140	OTTER TRAWL	08-18-64	42-24	68-03	177	
ALBATROSS IV	64-10	153	OTTER TRAWL	08-19-64	44-38	66-12	115	
ALBATROSS IV	65-6	14	SCALLOP DREDGE	05-06-65	42-07	66-23	82	
ALBATROSS IV	65-6	104	SCALLOP DREDGE	05-10-65	41-38	66-16	93	
ALBATROSS IV	65-6	104	SCALLOP DREDGE	05-10-65	41-38	66-16	93	
ALBATROSS IV	65-11	49	1-METER NAT. DREDGE	08-23-65	42-06	66-20	95	GRAVEL
ALBATROSS IV	65-11	51	SMITH MCINTYRE GRAB	08-23-65	42-24	67-05	329	SILT-CLAY
ALBATROSS IV	65-11	54	1-METER NAT. DREDGE	08-24-65	43-10	66-40	114	GRAVEL
ALBATROSS IV	65-11	54	1-METER NAT. DREDGE	08-24-65	43-10	66-40	114	GRAVEL
ALBATROSS IV	65-11	56	1-METER NAT. DREDGE	08-24-65	43-10	67-30	188	SAND
ALBATROSS IV	65-11	57	RING OR STRAMIN NET	08-24-65	42-40	67-30	201	GRAVELLY SAN

TABLE 125 CONT'D

NATICA CLAUSA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	65-11	57	1-METER NAT. DREDGE	08-24-65	42-40	67-30	201	GRAVELLY SAN
ALBATROSS IV	65-11	59	1-METER NAT. DREDGE	08-25-65	42-30	68-10	156	SAND
ALBATROSS IV	65-11	59	1-METER NAT. DREDGE	08-25-65	42-30	68-10	156	SAND
ALBATROSS IV	65-11	68	RING OR STRAMIN NET	08-26-65	42-52	70-20	55	CLAY
ALBATROSS IV	65-14	31	OTTER TRAWL	10-11-65	41-40	69-43	53	GRAVELLY SAN
ALBATROSS IV	66-9	1003	1-METER NAT. DREDGE	07-15-66	42-09	65-53	247	SANDY GRAVEL
ALBATROSS IV	66-9	1004	1-METER NAT. DREDGE	07-15-66	42-11	65-50	247	GRAVEL
ALBATROSS IV	66-9	1006	1-METER NAT. DREDGE	07-16-66	42-16	65-44	216	GRAVEL
ALBATROSS IV	66-9	1007	1-METER NAT. DREDGE	07-16-66	42-10	65-37	238	TILLOID
ALBATROSS IV	66-9	1008	1-METER NAT. DREDGE	07-16-66	42-08	65-42	315	TILLOID
ALBATROSS IV	66-9	1009	1-METER NAT. DREDGE	07-16-66	42-06	65-42	287	TILLOID
ALBATROSS IV	66-9	1010	1-METER NAT. DREDGE	07-16-66	42-04	65-45	265	TILLOID
ALBATROSS IV	67-6	12	1-METER NAT. DREDGE	04-07-67	40-40	68-01	84	SAND
ALBATROSS IV	67-21	56	OTTER TRAWL	11-14-67	43-11	64-06	91	
ALBATROSS IV	68-12	10	1-METER NAT. DREDGE	08-12-68	41-24	69-24	44	GRAVEL
ALBATROSS IV	68-12	32	1-METER NAT. DREDGE	08-13-68	41-13	68-58	102	GRAVELLY SAN
ALBATROSS IV	68-12	38	1-METER NAT. DREDGE	08-13-68	41-34	68-52	113	TILLOID
ALBATROSS IV	68-12	63	1-METER NAT. DREDGE	08-14-68	42-27	66-49	348	TILLOID
ALBATROSS IV	68-12	64	1-METER NAT. DREDGE	08-15-68	42-27	66-42	329	TILLOID
ALBATROSS IV	68-12	65	1-METER NAT. DREDGE	08-15-68	42-26	66-35	302	GRAVEL
ALBATROSS IV	68-12	72	1-METER NAT. DREDGE	08-15-68	42-22	65-55	192	GRAVEL
ALBATROSS IV	68-12	90	1-METER NAT. DREDGE	08-16-68	42-31	65-41	90	SANDY GRAVEL
ALBATROSS IV	68-12	93	1-METER NAT. DREDGE	08-16-68	42-40	65-56	84	SANDY GRAVEL
ALBATROSS IV	68-12	96	1-METER NAT. DREDGE	08-16-68	42-50	66-10	57	SANDY GRAVEL
ALBATROSS IV	68-12	98	1-METER NAT. DREDGE	08-16-68	42-54	66-08	141	GRAVEL
ALBATROSS IV	68-12	98	1-METER NAT. DREDGE	08-16-68	42-54	66-08	141	GRAVEL
ALBATROSS IV	68-12	100	1-METER NAT. DREDGE	08-16-68	42-55	65-55	137	SANDY GRAVEL
ALBATROSS IV	68-12	101	1-METER NAT. DREDGE	08-16-68	42-54	65-48	119	GRAVEL
ALBATROSS IV	68-12	102	1-METER NAT. DREDGE	08-16-68	42-56	65-41	137	SHELLY GRAVE
ALBATROSS IV	68-12	103	1-METER NAT. DREDGE	08-16-68	42-57	65-35	119	GRAVEL
ALBATROSS IV	68-12	105	1-METER NAT. DREDGE	08-17-68	43-06	65-34	101	SHELLY SAND
ALBATROSS IV	68-12	105	1-METER NAT. DREDGE	08-17-68	43-06	65-34	101	SHELLY SAND

TABLE 125 CONT'D

NATICA CLAUSA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	68-12	112	1-METER NAT. DREDGE	08-17-68	43-13	66-08	73	SANDY GRAVEL
ALBATROSS IV	68-12	115	1-METER NAT. DREDGE	08-17-68	43-10	66-29	91	SANDY SHELL
ALBATROSS IV	68-12	118	1-METER NAT. DREDGE	08-17-68	43-12	66-38	110	GRAVEL
ALBATROSS IV	68-12	118	1-METER NAT. DREDGE	08-17-68	43-12	66-38	110	GRAVEL
ALBATROSS IV	68-12	122	1-METER NAT. DREDGE	08-17-68	43-25	66-16	82	GRAVEL
ALBATROSS IV	68-12	124	1-METER NAT. DREDGE	08-17-68	43-30	66-16	80	GRAVEL
ALBATROSS IV	68-12	125	1-METER NAT. DREDGE	08-17-68	43-34	66-20	73	GRAVEL
ALBATROSS IV	68-12	126	1-METER NAT. DREDGE	08-17-68	43-39	66-25	77	
ALBATROSS IV	68-12	127	1-METER NAT. DREDGE	08-17-68	43-42	66-29	95	SANDY GRAVEL
ALBATROSS IV	68-12	128	1-METER NAT. DREDGE	08-17-68	43-46	66-34	93	GRAVEL
ALBATROSS IV	68-12	129	1-METER NAT. DREDGE	08-17-68	43-50	66-38	91	SHELLY SAND
ALBATROSS IV	68-12	131	1-METER NAT. DREDGE	08-18-68	43-56	66-36	91	GRAVEL
ALBATROSS IV	68-12	134	1-METER NAT. DREDGE	08-18-68	44-05	66-21	51	GRAVEL
ALBATROSS IV	68-12	137	1-METER NAT. DREDGE	08-18-68	44-12	66-36	91	GRAVEL
ALBATROSS IV	68-12	142	1-METER NAT. DREDGE	08-18-68	44-25	66-25	188	TILLOID
ALBATROSS IV	68-12	144	1-METER NAT. DREDGE	08-18-68	44-25	66-40	128	SHELLY GRAVE
ALBATROSS IV	68-12	144	1-METER NAT. DREDGE	08-18-68	44-25	66-40	137	SHELLY GRAVE
ALBATROSS IV	68-12	145	1-METER NAT. DREDGE	08-18-68	44-25	66-47	117	TILLOID
ALBATROSS IV	68-12	146	1-METER NAT. DREDGE	08-18-68	44-25	66-54	99	TILLOID
ALBATROSS IV	68-12	150	1-METER NAT. DREDGE	08-18-68	44-26	67-20	73	TILLOID
ALBATROSS IV	68-12	183	1-METER NAT. DREDGE	08-19-68	43-45	69-26	64	TILLOID
ALBATROSS IV	68-12	185	1-METER NAT. DREDGE	08-19-68	43-40	69-35	82	TILLOID
ALBATROSS IV	68-12	199	1-METER NAT. DREDGE	08-20-68	43-17	70-24	46	TILLOID
ALBATROSS IV	68-12	201	1-METER NAT. DREDGE	08-20-68	43-15	70-17	73	TILLOID
ALBATROSS IV	68-12	213	1-METER NAT. DREDGE	08-20-68	42-46	70-22	88	TILLOID
ALBATROSS IV	68-12	214	1-METER NAT. DREDGE	08-20-68	42-54	70-15	64	GRAVELLY SAN
ALBATROSS IV	68-12	222	1-METER NAT. DREDGE	08-21-68	42-40	70-08	95	TILLOID
ALBATROSS IV	74-7	50	OTTER TRAWL	07-19-74	41-23	66-01	329	
ALBATROSS IV	74-7	50	OTTER TRAWL	07-19-74	41-23	66-01	329	

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TABLE 126

NATICA PUSILLA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		12		07-19-53	42-07	66-30	91	
		17		12-18-53	42-10	67-55	245	
		9501		06-10-54	41-30	70-42	4	
GOSNOLD	10	1006	CAMPBELL GRAB	04-26-63	41-32	70-47	18	SAND-SILT-CL
GOSNOLD	22	1198	CAMPBELL GRAB	08-16-63	42-40	70-16	85	GRAVEL
GOSNOLD	45	1427	CAMPBELL GRAB	05-17-64	36-30	75-15	30	SAND
GOSNOLD	45	1428	CAMPBELL GRAB	05-17-64	36-20	75-14	30	SAND
GOSNOLD	45	1428	CAMPBELL GRAB	05-17-64	36-20	75-14	30	SAND
GOSNOLD	45	1429	CAMPBELL GRAB	05-17-64	36-10	75-15	25	SAND
GOSNOLD	45	1430	CAMPBELL GRAB	05-17-64	36-00	75-14	33	SAND
GOSNOLD	45	1433	CAMPBELL GRAB	05-17-64	35-31	75-15	28	SAND
GOSNOLD	45	1433	CAMPBELL GRAB	05-17-64	35-31	75-15	28	SAND
GOSNOLD	45	1434	CAMPBELL GRAB	05-17-64	35-20	75-15	23	SAND
GOSNOLD	45	1435	CAMPBELL GRAB	05-18-64	35-11	75-15	25	SAND
GOSNOLD	45	1439	CAMPBELL GRAB	05-18-64	34-58	76-00	18	SAND
GOSNOLD	45	1443	CAMPBELL GRAB	05-18-64	34-30	76-17	30	SAND
GOSNOLD	45	1447	CAMPBELL GRAB	05-18-64	34-29	76-46	20	SAND
GOSNOLD	45	1452	CAMPBELL GRAB	05-19-64	34-09	77-29	17	SANDY CLAY
GOSNOLD	45	1454	CAMPBELL GRAB	05-19-64	33-59	77-44	12	SHELLY SAND
GOSNOLD	45	1462	CAMPBELL GRAB	05-19-64	33-30	78-15	20	SAND
GOSNOLD	45	1470	CAMPBELL GRAB	05-20-64	33-10	78-45	20	SAND
GOSNOLD	45	1475	CAMPBELL GRAB	05-20-64	32-50	79-00	22	SHELLY SAND
GOSNOLD	45	1498	CAMPBELL GRAB	05-22-64	30-40	81-00	17	SAND
GOSNOLD	45	1500	CAMPBELL GRAB	05-22-64	30-30	81-15	14	SHELLY SAND
GOSNOLD	45	1503	CAMPBELL GRAB	05-22-64	30-20	81-15	9	SHELLY SAND
GOSNOLD	45	1507	CAMPBELL GRAB	05-22-64	29-59	81-02	20	SANDY SHELL
GOSNOLD	45	1508	CAMPBELL GRAB	05-22-64	30-00	81-15	16	SHELLY SAND
GOSNOLD	45	1510	CAMPBELL GRAB	05-22-64	29-50	81-00	20	SHELL
GOSNOLD	45	1512	CAMPBELL GRAB	05-23-64	29-39	80-46	26	SHELLY SAND
GOSNOLD	45	1515	CAMPBELL GRAB	05-23-64	29-40	81-12	16	SAND-SILT-CL
GOSNOLD	45	1515	CAMPBELL GRAB	05-23-64	29-40	81-12	16	SAND-SILT-CL
GOSNOLD	45	1515	CAMPBELL GRAB	05-23-64	29-40	81-12	16	SAND-SILT-CL
GOSNOLD	45	1515	CAMPBELL GRAB	05-23-64	29-40	81-12	16	SAND-SILT-CL

TABLE 126 CONT'D

NATICA PUSILLA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	45	1518	CAMPBELL GRAB	05-23-64	29-21	81-02	15	CLAYEY SAND
GOSNOLD	45	1519	CAMPBELL GRAB	05-23-64	29-11	80-54	12	SAND
GOSNOLD	45	1520	CAMPBELL GRAB	05-23-64	29-00	80-50	14	CLAYEY SAND
GOSNOLD	45	1521	CAMPBELL GRAB	05-23-64	29-00	80-39	16	SANDY SHELL
GOSNOLD	45	1525	CAMPBELL GRAB	05-24-64	28-50	80-30	20	SHELLY SAND
GOSNOLD	45	1537	CAMPBELL GRAB	05-24-64	28-10	80-29	15	SAND
GOSNOLD	45	1539	CAMPBELL GRAB	05-25-64	28-01	80-20	20	SHELL
GOSNOLD	45	1552	CAMPBELL GRAB	05-25-64	26-52	80-02	9	SAND
GOSNOLD	45	1586	CAMPBELL GRAB	06-01-64	24-18	80-39	705	SAND-SILT-C
GOSNOLD	45	1691	CAMPBELL GRAB	06-12-64	29-20	80-29	33	SAND
GOSNOLD	45	1700	CAMPBELL GRAB	06-12-64	30-50	80-30	31	SAND
GOSNOLD	45	1707	CAMPBELL GRAB	06-13-64	31-09	80-13	35	SAND
GOSNOLD	45	1718	CAMPBELL GRAB	06-13-64	29-21	80-16	53	SAND
GOSNOLD	45	1755	CAMPBELL GRAB	06-16-64	31-50	79-45	39	SAND
GOSNOLD	45	1787	CAMPBELL GRAB	06-21-64	32-50	78-30	38	SAND
GOSNOLD	45	1803	CAMPBELL GRAB	06-22-64	33-20	77-45	27	SAND
GOSNOLD	45	1870	CAMPBELL GRAB	06-27-64	35-29	74-58	39	SAND
GOSNOLD	45	1873	CAMPBELL GRAB	06-27-64	36-00	75-00	41	SAND
GOSNOLD	49	2041	CAMPBELL GRAB	08-04-64	37-40	75-14	24	SAND
GOSNOLD	49	2044	CAMPBELL GRAB	08-04-64	37-30	75-16	30	SAND
GOSNOLD	49	2050	CAMPBELL GRAB	08-05-64	37-00	75-30	30	SAND
GOSNOLD	49	2053	CAMPBELL GRAB	08-05-64	36-40	75-15	35	SAND
GOSNOLD	49	2054	CAMPBELL GRAB	08-05-64	36-39	75-31	20	SAND
GOSNOLD	49	2055	CAMPBELL GRAB	08-05-64	36-50	75-30	30	SAND
GOSNOLD	49	2056	CAMPBELL GRAB	08-05-64	37-02	75-45	16	SAND
GOSNOLD	49	2057	CAMPBELL GRAB	08-05-64	36-48	75-45	22	GRAVELLY SAN
GOSNOLD	49	2061	CAMPBELL GRAB	08-06-64	36-30	75-30	29	SAND
GOSNOLD	49	2062	CAMPBELL GRAB	08-06-64	36-20	75-30	30	SAND
GOSNOLD	49	2063	CAMPBELL GRAB	08-06-64	36-10	75-30	26	SAND
GOSNOLD	49	2064	CAMPBELL GRAB	08-06-64	36-00	75-30	23	SAND
ASTERIAS	65-1	2252	SMITH MCINTYRE GRAB	05-18-65	33-33	78-57	8	SHELLY SAND
ASTERIAS	65-1	2273	SMITH MCINTYRE GRAB	05-23-65	31-42	81-07	13	SAND
ASTERIAS	65-1	2202	SMITH MCINTYRE GRAB	05-25-65	30-49	81-22	8	SAND

TABLE 126 CONT'D

NATICA PUSILLA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ASTERIAS	65-1	2285	SMITH MCINTYRE GRAB	05-25-65	30-22	81-23	8	SAND
ASTERIAS	65-1	2290	SMITH MCINTYRE GRAB	05-28-65	31-31	81-04	9	SANDY SHELL
ASTERIAS	65-1	2291	SMITH MCINTYRE GRAB	05-28-65	31-41	81-01	8	SHELLY SAND
ASTERIAS	65-1	2292	SMITH MCINTYRE GRAB	05-28-65	31-46	80-53	13	SAND
ASTERIAS	65-1	2296	SMITH MCINTYRE GRAB	05-28-65	32-16	80-27	11	SANDY SHELL
ASTERIAS	65-1	2298	SMITH MCINTYRE GRAB	05-28-65	32-33	80-05	9	SAND
ASTERIAS	65-1	2314	SMITH MCINTYRE GRAB	06-06-65	34-37	76-38	16	SAND
ASTERIAS	65-1	2321	SMITH MCINTYRE GRAB	06-06-65	35-09	75-38	16	SAND
ASTERIAS	65-1	2333	SMITH MCINTYRE GRAB	06-07-65	36-51	75-56	8	SAND

TOTAL SAMPLES 75

TABLE 127 NEPTUNEA DECEMCOSTATA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	70	32	DIGBY DRAG	12-13-55	41-59	65-38	274	
ALBATROSS III	80	3	DIGBY DRAG	08-13-56	41-54	65-57	108	SAND
ALBATROSS III	80	3	DIGBY DRAG	08-13-56	41-54	65-57	108	SAND
ALBATROSS III	80	4	DIGBY DRAG	08-14-56	42-09	66-52	102	GRAVELLY SAN
ALBATROSS III	101	198	SMITH MCINTYRE GRAB	08-29-57	41-00	69-15	60	GRAVELLY SAN
HARENGUS	57-5	2	DUTCH HERR. TRAWL	05-15-57	44-58	66-52	112	
ALBATROSS III	118	18	OTTER TRAWL	09-26-58	43-14	66-35	91	
ALBATROSS III	122	1	1-METER NAT. DREDGE	11-17-58	42-12	70-09	44	SHELLY SAND
ALBATROSS III	122	30	1-METER NAT. DREDGE	11-21-58	42-04	70-00	53	GRAVEL
DELAWARE	61-10	7	SMITH MCINTYRE GRAB	06-21-61	42-50	69-00	187	SAND-SILT-C
DELAWARE	61-7	67	SCALLOP DREDGE	05-06-61	41-45	66-14	91	
GOSNOLD	24	1237	CAMPBELL GRAB	08-31-63	43-10	65-44	64	SHELLY SAND
ALBATROSS IV	63-7	38	OTTER TRAWL	11-18-63	43-00	67-53	190	
ALBATROSS IV	63-7	57	OTTER TRAWL	11-21-63	42-59	67-01	205	
GOSNOLD	51	2199	WHOI CHAIN BAG DREDG	09-16-64	41-09	68-42	61	
ALBATROSS IV	64-12	201	SMITH MCINTYRE GRAB	10-10-64	40-54	67-14	86	SAND
ALBATROSS IV	64-1	6	OTTER TRAWL	01-17-64	42-21	70-17	33	
ALBATROSS IV	64-1	75	OTTER TRAWL	01-25-64	42-44	65-20	91	
ALBATROSS IV	64-1	89	OTTER TRAWL	01-27-64	42-10	67-10	128	
ASTERIAS	64-2	1908	SMITH MCINTYRE GRAB	07-10-64	44-11	68-31	28	SILTY SAND
ALBATROSS IV	65-6	160	SCALLOP DREDGE	05-12-65	40-52	67-17	88	
ALBATROSS IV	65-13	21	RING OR STRAMIN NET	09-24-65	40-51	67-42	66	SAND
ALBATROSS IV	65-13	37	SCALLOP DREDGE	09-24-65	40-42	67-27	88	SAND
ALBATROSS IV	65-11	60	SCALLOP DREDGE	08-25-65	42-36	68-28	220	CLAY
ALBATROSS IV	66-9	100	SCALLOP DREDGE	07-17-66	41-45	66-03	93	GRAVELLY SAN
ALBATROSS IV	66-9	1004	1-METER NAT. DREDGE	07-15-66	42-11	65-50	247	GRAVEL
ALBATROSS IV	66-9	1007	1-METER NAT. DREDGE	07-16-66	42-10	65-37	238	TILLOID
GOSNOLD	103	9	ROCK DREDGE	08-30-67	41-08	68-41	59	SANDY GRAVEL
ALBATROSS IV	68-12	24	1-METER NAT. DREDGE	08-13-68	40-49	69-18	55	SANDY GRAVEL
ALBATROSS IV	68-12	27	1-METER NAT. DREDGE	08-13-68	40-47	68-58	73	SILTY SAND
ALBATROSS IV	68-12	38	SCALLOP DREDGE	08-13-68	41-34	68-50	148	TILLOID
ALBATROSS IV	68-12	49	1-METER NAT. DREDGE	08-14-68	41-54	67-52	55	GRAVELLY SAN
ALBATROSS IV	68-12	51	1-METER NAT. DREDGE	08-14-68	42-00	67-42	44	GRAVELLY SAN

TABLE 127 CONT'D

NEPTUNEA DECEMCOSTATA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	68-12	57	1-METER NAT. DREDGE	08-14-68	42-16	67-17	267	TILLOID
ALBATROSS IV	68-12	58	1-METER NAT. DREDGE	08-14-68	42-22	67-17	305	TILLOID
ALBATROSS IV	68-12	63	1-METER NAT. DREDGE	08-14-68	42-27	66-49	348	TILLOID
ALBATROSS IV	68-12	65	1-METER NAT. DREDGE	08-15-68	42-26	66-35	302	GRAVEL
ALBATROSS IV	68-12	66	1-METER NAT. DREDGE	08-15-68	42-26	66-28	265	GRAVEL
ALBATROSS IV	68-12	93	1-METER NAT. DREDGE	08-16-68	42-40	65-56	84	SANDY GRAVEL
ALBATROSS IV	68-12	94	SCALLOP DREDGE	08-16-68	42-46	66-01	82	GRAVEL
ALBATROSS IV	68-12	101	1-METER NAT. DREDGE	08-16-68	42-54	65-48	119	GRAVEL
ALBATROSS IV	68-12	102	1-METER NAT. DREDGE	08-16-68	42-56	65-41	137	SHELLY GRAV
ALBATROSS IV	68-12	102	1-METER NAT. DREDGE	08-16-68	42-56	65-41	137	SHELLY GRAV
ALBATROSS IV	68-12	105	1-METER NAT. DREDGE	08-17-68	43-06	65-34	101	SHELLY SANI
ALBATROSS IV	68-12	106	1-METER NAT. DREDGE	08-17-68	43-12	65-33	73	SHELLY SAND
ALBATROSS IV	68-12	107	1-METER NAT. DREDGE	08-17-68	43-17	65-35	40	GRAVEL
ALBATROSS IV	68-12	112	1-METER NAT. DREDGE	08-17-68	43-13	66-08	73	SANDY GRAVEL
ALBATROSS IV	68-12	114	1-METER NAT. DREDGE	08-17-68	43-12	66-21	84	SHELLY SAND
ALBATROSS IV	68-12	114	1-METER NAT. DREDGE	08-17-68	43-12	66-21	84	SHELLY SAND
ALBATROSS IV	68-12	115	1-METER NAT. DREDGE	08-17-68	43-10	66-29	91	SANDY SHELL
ALBATROSS IV	68-12	116	1-METER NAT. DREDGE	08-17-68	43-08	66-36	95	SHELLY GRAVE
ALBATROSS IV	68-12	116	1-METER NAT. DREDGE	08-17-68	43-08	66-36	95	SHELLY GRAVE
ALBATROSS IV	68-12	118	1-METER NAT. DREDGE	08-17-68	43-12	66-38	110	GRAVEL
ALBATROSS IV	68-12	119	1-METER NAT. DREDGE	08-17-68	43-15	66-34	71	SHELLY GRAVE
ALBATROSS IV	68-12	120	1-METER NAT. DREDGE	08-17-68	43-18	66-29	57	SHELLY GRAVE
ALBATROSS IV	68-12	121	1-METER NAT. DREDGE	08-17-68	43-21	66-22	60	SHELLY GRAVE
ALBATROSS IV	68-12	123	1-METER NAT. DREDGE	08-17-68	43-27	66-12	55	GRAVEL
ALBATROSS IV	68-12	123	1-METER NAT. DREDGE	08-17-68	43-27	66-12	55	GRAVEL
ALBATROSS IV	68-12	124	1-METER NAT. DREDGE	08-17-68	43-30	66-16	80	GRAVEL
ALBATROSS IV	68-12	125	1-METER NAT. DREDGE	08-17-68	43-34	66-20	73	GRAVEL
ALBATROSS IV	68-12	126	1-METER NAT. DREDGE	08-17-68	43-39	66-25	77	SANDY GRAVEL
ALBATROSS IV	68-12	126	1-METER NAT. DREDGE	08-17-68	43-39	66-25	77	SANDY GRAVEL
ALBATROSS IV	68-12	128	1-METER NAT. DREDGE	08-17-68	43-46	66-34	93	GRAVEL
ALBATROSS IV	68-12	128	1-METER NAT. DREDGE	08-17-68	43-46	66-34	93	GRAVEL
ALBATROSS IV	68-12	132	1-METER NAT. DREDGE	08-18-68	43-58	66-31	84	GRAVEL
ALBATROSS IV	68-12	[illegible]	1-METER NAT. DREDGE	[illegible]	[illegible]	[illegible]	[illegible]	GRAVEL

TABLE 127 CONT'D

NEPTUNEA DECEMCOSTATA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	68-12	144	1-METER NAT. DREDGE	08-18-68	44-25	66-40	128	SHELLY GRAVE
ALBATROSS IV	68-12	144	1-METER NAT. DREDGE	08-18-68	44-25	66-40	137	SHELLY GRAVE
ALBATROSS IV	68-12	148	1-METER NAT. DREDGE	08-18-68	44-25	67-07	91	TILLOID
ALBATROSS IV	68-12	168	DIGBY DRAG	08-19-68	44-00	68-08	73	SILTY SAND
ALBATROSS IV	68-12	182	1-METER NAT. DREDGE	08-19-68	43-48	69-20	60	TILLOID
ALBATROSS IV	68-12	185	1-METER NAT. DREDGE	08-19-68	43-40	69-35	82	TILLOID
ALBATROSS IV	68-12	187	1-METER NAT. DREDGE	08-19-68	43-39	69-48	46	SHELLY SAND
ALBATROSS IV	68-12	189	1-METER NAT. DREDGE	08-20-68	43-36	69-51	70	GRAVEL
ALBATROSS IV	68-12	210	1-METER NAT. DREDGE	08-20-68	42-55	70-39	46	TILLOID
ALBATROSS IV	68-12	213	1-METER NAT. DREDGE	08-20-68	42-46	70-22	88	TILLOID
ALBATROSS IV	68-12	214	1-METER NAT. DREDGE	08-20-68	42-54	70-15	64	GRAVELLY SA
ALBATROSS IV	68-12	223	1-METER NAT. DREDGE	08-21-68	42-40	70-16	48	GRAVEL
ALBATROSS IV	68-12	228	1-METER NAT. DREDGE	08-21-68	42-26	70-42	55	TILLOID
ALBATROSS IV	74-7	52	1-METER NAT. DREDGE	07-19-74	41-34	65-54	348	

TOTAL SAMPLES 80

TABLE 128

NISO AEGLES

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	45	1433	CAMPBELL GRAB	05-17-64	35-31	75-15	28	SAND

TOTAL SAMPLES 1

TABLE 129

ODOSTOMIA BISUTURALIS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		9401	DIP NET	10-02-60	41-42	70-37	1	
		9301	MISC. GEAR	02-04-62	41-31	70-41	3	
ASTERIAS	64-2	1951	SMITH MCINTYRE GRAB	07-24-64	40-57	73-55	13	SAND
ASTERIAS	64-2	1993	SMITH MCINTYRE GRAB	08-02-64	37-06	76-08	13	SANDY SILT

TOTAL SAMPLES 4

TABLE 130 **ODOSTOMIA DEALBATA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	101	183	SMITH MCINTYRE GRAB	08-28-57	40-48	67-58	70	SAND
GOSNOLD	11	1009	CAMPBELL GRAB	04-30-63	41-25	70-47	15	SHELLY SAND
GOSNOLD	13	1074	CAMPBELL GRAB	05-12-63	39-43	71-53	225	SAND
GOSNOLD	22	1119	CAMPBELL GRAB	08-07-63	40-39	67-00	214	SAND
GOSNOLD	29	1364	CAMPBELL GRAB	10-19-63	38-31	73-31	79	SAND
GOSNOLD	29	1364	CAMPBELL GRAB	10-19-63	38-31	73-31	79	SAND
GOSNOLD	29	1364	CAMPBELL GRAB	10-19-63	38-31	73-31	79	SAND
GOSNOLD	45	1858	CAMPBELL GRAB	06-26-64	34-29	76-00	50	SAND

TOTAL SAMPLES 8

TABLE 131 **ODOSTOMIA DUX** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	11	1007	CAMPBELL GRAB	04-30-63	41-27	70-42	37	SANDY GRAVEL

TOTAL SAMPLES 1

TABLE 132: **OOOSTOMIA GIBBOSA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	13	1060	CAMPBELL GRAB	05-10-63	40-20	68-31	123	SAND
GOSNOLD	49	2064	CAMPBELL GRAB	08-06-64	36-00	75-30	23	SAND
ASTERIAS	64-2	1963	SMITH MCINTYRE GRAB	07-27-64	39-17	74-31	12	SHELLY SAND

TOTAL SAMPLES 3

TABLE 133

ODOSTOMIA SEMINUDA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
BLUEBACK	62-1	1	1-METER SLED NET	04-05-62	41-28	70-38	3	SAND
GOSNOLD	11	1007	CAMPBELL GRAB	04-30-63	41-27	70-42	37	SANDY GRAVEL

TOTAL SAMPLES 2

TABLE 134

ODOSTOMIA SULCOSA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	65-11	34	RING OR STRAMIN NET	08-21-65	40-28	68-49	73	SAND

TOTAL SAMPLES 1

TABLE 135 **ODOSTOMIA SUMNERI**

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
BLUEBACK		9503	1-METER SLED NET	11-02-61	41-28	70-45	3	

TOTAL SAMPLES 1

TABLE 136 **ODOSTOMIA WINKLEYI** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	29	1346	CAMPBELL GRAB	10-16-63	39-10	74-31	23	SAND
ASTERIAS	64-2	1969	SMITH MCINTYRE GRAB	07-29-64	39-00	74-59	8	SAND-SILT-CL

TOTAL SAMPLES 2

TABLE 137 **ODOSTOMIA** SP

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	65-11	46	RING OR STRAMIN NET	08-23-65	41-17	66-11	183	GRAVELLY SAN

TOTAL SAMPLES 1

TABLE 138 **OENOPOTA BICARINATA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	47	1	OTTER TRAWL	04-10-53	41-24	66-44	75	
		5		02-28-54	41-45	66-35	68	
	1	1	FISH STOMACHS	08-19-54	41-13	69-22	53	
	1	1	FISH STOMACHS	08-19-54	41-13	69-22	53	
ALBATROSS III	70	51	DIGBY DRAG	12-17-55	41-23	66-37	88	SAND
ALBATROSS III	80	4	DIGBY DRAG	08-14-56	42-09	66-52	102	GRAVELLY SAN
GOSNOLD	29	1371	CAMPBELL GRAB	10-25-63	39-04	72-40	446	SAND
GOSNOLD	49	2092	CAMPBELL GRAB	08-08-64	37-30	74-19	505	SILTY SAND
GOSNOLD	49	2158	CAMPBELL GRAB	08-19-64	39-43	69-06	1925	CLAYEY SILT
GOSNOLD	49	2173	CAMPBELL GRAB	08-22-64	40-06	68-18	1445	SANDY SILT
GOSNOLD	49	2196	CAMPBELL GRAB	08-28-64	41-04	66-24	720	SILTY SAND
GOSNOLD	51	2198	WHOI CHAIN BAG DREDG	09-16-64	41-00	69-01	83	
ALBATROSS IV	65-13	88	RING OR STRAMIN NET	09-26-65	41-28	66-32	84	
ALBATROSS IV	67-6	2	1-METER NAT. DREDGE	04-05-67	40-54	67-30	75	SILTY SAND
ALBATROSS IV	68-12	27	1-METER NAT. DREDGE	08-13-68	40-47	68-58	71	SILTY SAND
ALBATROSS IV	68-12	29	1-METER NAT. DREDGE	08-13-68	40-58	68-50	80	SAND
ALBATROSS IV	68-12	44	1-METER NAT. DREDGE	08-14-68	41-42	68-20	64	SAND

TOTAL SAMPLES 17

TABLE 139 **DENOPOTA CONCINNULA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	70	44	DIGBY DRAG	12-15-55	41-21	68-38	260	SAND
ALBATROSS III	80	3	DIGBY DRAG	08-13-56	41-54	65-57	108	SAND
ALBATROSS III	122	18	1-METER NAT. DREDGE	11-19-58	42-06	69-58	99	GRAVEL

TOTAL SAMPLES 3

TABLE 140

OENOPOTA DECUSSATA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	22	1141	CAMPBELL GRAB	08-09-63	42-30	65-01	122	SAND
GOSNOLD	24	1236	CAMPBELL GRAB	08-31-63	43-11	65-29	106	SAND
ALBATROSS IV	68-12	105	1-METER NAT. DREDGE	08-17-68	43-06	65-34	101	SHELLY SAND
ALBATROSS IV	68-12	107	1-METER NAT. DREDGE	08-17-68	43-17	65-35	40	GRAVEL
ALBATROSS IV	68-12	126	1-METER NAT. DREDGE	08-17-68	43-39	66-25	77	SANDY GRAVEL
ALBATROSS IV	68-12	149	1-METER NAT. DREDGE	08-18-68	44-24	67-14	90	TILLOID
ALBATROSS IV	68-12	172	1-METER NAT. DREDGE	08-19-68	43-56	68-34	88	SILT-CLAY
ALBATROSS IV	68-12	186	1-METER NAT. DREDGE	08-19-68	43-40	69-42	64	TILLOID
ALBATROSS IV	68-12	222	1-METER NAT. DREDGE	08-21-68	42-40	70-08	95	TILLOID
ALBATROSS IV	68-12	226	1-METER NAT. DREDGE	08-21-68	42-34	70-32	64	SILT-CLAY

TOTAL SAMPLES 10

TABLE 141

OENOPOTA ELEGANS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	53	26	OTTER TRAWL	08-18-53	41-20	66-05	412	
SILVER MINK	1	1	FISH STOMACHS	02-12-58	42-15	70-00	100	SAND-GRAVEL
DELAWARE	59-9	91	SMITH MCINTYRE GRAB	08-08-59	42-40	65-56	86	SANDY GRAVEL
DELAWARE	59-9	91	SMITH MCINTYRE GRAB	08-08-59	42-40	65-56	86	SANDY GRAVEL
DELAWARE	61-10	48	1-METER NAT. DREDGE	06-24-61	43-11	66-31	92	SHELL
ALBATROSS IV	68-12	39	1-METER NAT. DREDGE	08-13-68	41-34	68-46	150	TILLOID
ALBATROSS IV	68-12	101	1-METER NAT. DREDGE	08-16-68	42-54	65-48	119	GRAVEL
ALBATROSS IV	68-12	102	1-METER NAT. DREDGE	08-16-68	42-56	65-41	137	SHELLY GRAVE
ALBATROSS IV	68-12	103	1-METER NAT. DREDGE	08-16-68	42-57	65-35	119	GRAVEL
ALBATROSS IV	68-12	107	1-METER NAT. DREDGE	08-17-68	43-17	65-35	40	GRAVEL
ALBATROSS IV	68-12	113	1-METER NAT. DREDGE	08-17-68	43-13	66-15	79	GRAVEL
ALBATROSS IV	68-12	116	1-METER NAT. DREDGE	08-17-68	43-08	66-36	95	SHELLY GRAVE
ALBATROSS IV	68-12	141	1-METER NAT. DREDGE	08-18-68	44-26	66-19	174	TILLOID
ALBATROSS IV	68-12	142	1-METER NAT. DREDGE	08-18-68	44-25	66-25	188	TILLOID
ALBATROSS IV	68-12	199	1-METER NAT. DREDGE	08-20-68	43-17	70-24	46	TILLOID
ALBATROSS IV	68-12	222	1-METER NAT. DREDGE	08-21-68	42-40	70-08	95	TILLOID

TOTAL SAMPLES 16

TABLE 142

DENOPOTA EXARATA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	101	135	SMITH MCINTYRE GRAB	08-26-57	41-24	66-00	238	GRAVELLY SAN
DELAWARE	59-9	78	SMITH MCINTYRE GRAB	08-08-59	42-31	65-13	106	SANDY GRAVEL
DELAWARE	61-10	76	1-METER NAT. DREDGE	06-26-61	43-31	66-46	156	GRAVEL
GOSNOLD	12	1027	CAMPBELL GRAB	05-04-63	43-40	69-31	143	CLAYEY SILT
GOSNOLD	22	1170	CAMPBELL GRAB	08-11-63	44-40	66-29	187	SAND-SILT-CL
GOSNOLD	22	1170	CAMPBELL GRAB	08-11-63	44-40	66-29	187	SAND-SILT-CL
GOSNOLD	22	1170	CAMPBELL GRAB	08-11-63	44-40	66-29	187	SAND-SILT-CL
GOSNOLD	22	1203	CAMPBELL GRAB	08-17-63	42-10	70-30	55	SANDY SILT
GOSNOLD	22	1203	CAMPBELL GRAB	08-17-63	42-10	70-30	55	SANDY SILT
GOSNOLD	22	1203	CAMPBELL GRAB	08-17-63	42-10	70-30	55	SANDY SILT
GOSNOLD	22	1204	CAMPBELL GRAB	08-17-63	42-00	70-30	38	SANDY GRAVEL
GOSNOLD	24	1212	CAMPBELL GRAB	08-24-63	41-50	69-45	126	SILTY SAND
GOSNOLD	24	1212	CAMPBELL GRAB	08-24-63	41-50	69-45	126	SILTY SAND
GOSNOLD	24	1231	CAMPBELL GRAB	08-30-63	43-01	65-00	146	SAND
GOSNOLD	24	1246	CAMPBELL GRAB	09-01-63	43-30	65-00	112	GRAVEL
GOSNOLD	28	1262	VAN VEEN BCF 0.2M2	10-04-63	39-50	71-15	643	SILTY SAND
GOSNOLD	49	2191	CAMPBELL GRAB	08-27-64	40-42	66-45	690	SILTY SAND
GOSNOLD	51	2202	CAMPBELL GRAB	09-18-64	41-27	65-56	617	SAND
ALBATROSS IV	65-13	12	RING OR STRAMIN NET	09-23-65	40-42	67-52	80	SAND
ALBATROSS IV	65-13	46	RING OR STRAMIN NET	09-24-65	40-48	67-22	88	SAND
ALBATROSS IV	65-11	45	SCALLOP DREDGE	08-22-65	41-14	66-38	82	SAND
ALBATROSS IV	67-6	12	1-METER NAT. DREDGE	04-07-67	40-40	68-01	84	SAND
ALBATROSS IV	68-12	105	1-METER NAT. DREDGE	08-17-68	43-06	65-34	101	SHELLY SAND
ALBATROSS IV	68-12	186	1-METER NAT. DREDGE	08-19-68	43-40	69-42	64	TILLOID
ALBATROSS IV	68-12	196	1-METER NAT. DREDGE	08-20-68	43-31	70-14	46	SILTY SAND
ALBATROSS IV	68-12	226	1-METER NAT. DREDGE	08-21-68	42-34	70-32	64	SILT-CLAY
ALBATROSS IV	68-12	234	1-METER NAT. DREDGE	08-21-68	42-12	70-26	64	SILT-CLAY
ALBATROSS IV	68-12	234	1-METER NAT. DREDGE	08-21-68	42-12	70-26	64	SILT-CLAY
ALBATROSS IV	68-12	236	1-METER NAT. DREDGE	08-21-68	42-09	70-22	64	SILT-CLAY
ALBATROSS IV	68-12	238	1-METER NAT. DREDGE	08-21-68	42-03	70-29	53	TILLOID
ALBATROSS IV	68-12	238	1-METER NAT. DREDGE	08-21-68	42-03	70-29	53	TILLOID
ALBATROSS IV	68-12	239	1-METER NAT. DREDGE	08-21-68	41-58	70-27	49	TILLOID

TABLE 143 **DENOPOTA HARPULARIA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	47	1	OTTER TRAWL	04-10-53	41-24	66-44	75	
ALBATROSS III	67	1	DIGBY DRAG	10-05-55	41-00	70-48	42	SAND
ALBATROSS III	69	7	DIGBY DRAG	11-17-55	40-35	68-18	73	SAND
ALBATROSS III	70	50	DIGBY DRAG	12-17-55	41-37	66-16	91	SAND
ALBATROSS III	70	50	DIGBY DRAG	12-17-55	41-37	66-16	91	SAND
ALBATROSS III	70	51	DIGBY DRAG	12-17-55	41-23	66-37	88	SAND
ALBATROSS III	80	7	DIGBY DRAG	08-17-56	41-06	68-52	95	SAND
		2	SCALLOP DREDGE	03-26-59	40-57	67-24	73	
DELAWARE	59-9	71	1-METER NAT. DREDGE	08-07-59	43-03	65-30	128	GRAVEL
DELAWARE	59-9	132	1-METER NAT. DREDGE	08-10-59	42-41	70-05	114	GRAVEL
DELAWARE	61-10	97	1-METER NAT. DREDGE	06-28-61	44-00	66-30	119	SHELLY GRAV
DELAWARE	61-10	97	1-METER NAT. DREDGE	06-28-61	44-00	66-30	119	SHELLY GRAVE
GOSNOLD	13	1074	CAMPBELL GRAB	05-12-63	39-43	71-53	225	SAND
GOSNOLD	22	1127	CAMPBELL GRAB	08-07-63	41-30	66-32	88	SANDY SHELL
GOSNOLD	22	1164	CAMPBELL GRAB	08-10-63	44-08	66-17	51	SAND
GOSNOLD	22	1204	CAMPBELL GRAB	08-17-63	42-00	70-30	38	SANDY GRAVEL
GOSNOLD	24	1237	CAMPBELL GRAB	08-31-63	43-10	65-44	64	SHELLY SAND
GOSNOLD	49	2103	CAMPBELL GRAB	08-09-64	38-00	73-54	311	SAND
ALBATROSS IV	64-12	2	SCALLOP DREDGE	10-08-64	40-58	67-43	55	
ALBATROSS IV	65-11	3	1-METER NAT. DREDGE	08-17-65	40-58	70-59	49	SAND
ALBATROSS IV	65-11	42	1-METER NAT. DREDGE	08-22-65	41-01	67-32	66	SAND
ALBATROSS IV	67-6	2	1-METER NAT. DREDGE	04-05-67	40-54	67-30	75	SILTY SAND
ALBATROSS IV	68-12	17	1-METER NAT. DREDGE	08-13-68	40-56	69-38	33	SAND
ALBATROSS IV	68-12	23	1-METER NAT. DREDGE	08-13-68	40-44	69-23	48	SILTY SAND
ALBATROSS IV	68-12	25	1-METER NAT. DREDGE	08-13-68	40-47	69-10	62	SAND
ALBATROSS IV	68-12	27	1-METER NAT. DREDGE	08-13-68	40-47	68-58	73	SILTY SAND
ALBATROSS IV	68-12	31	1-METER NAT. DREDGE	08-13-68	41-08	68-58	97	SILTY SAND
ALBATROSS IV	68-12	44	1-METER NAT. DREDGE	08-14-68	41-42	68-20	64	SAND
ALBATROSS IV	68-12	45	1-METER NAT. DREDGE	08-14-68	41-44	68-15	55	SAND
ALBATROSS IV	68-12	54	1-METER NAT. DREDGE	08-14-68	42-05	67-22	49	SANDY GRAVEL
ALBATROSS IV	68-12	124	1-METER NAT. DREDGE	08-17-68	43-30	66-16	80	GRAVEL

TABLE 144

DENOPOTA INCISULA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	122	16	1-METER NAT. DREDGE	11-19-58	41-59	69-53	70	SHELLY GRAVE
GOSNOLD	12	1015	CAMPBELL GRAB	05-03-63	42-40	70-30	92	CLAYEY SILT
GOSNOLD	12	1015	CAMPBELL GRAB	05-03-63	42-40	70-30	92	CLAYEY SILT
GOSNOLD	12	1024	CAMPBELL GRAB	05-03-63	43-30	70-01	117	SILTY CLAY
GOSNOLD	22	1182	CAMPBELL GRAB	08-13-63	44-02	69-01	86	SILTY SAND
ALBATROSS IV	68-12	59	1-METER NAT. DREDGE	08-14-68	42-27	67-14	366	SILT-CLAY
ALBATROSS IV	68-12	106	1-METER NAT. DREDGE	08-17-68	43-12	65-33	73	SHELLY SAND
ALBATROSS IV	68-12	184	1-METER NAT. DREDGE	08-19-68	43-42	69-30	137	CLAYEY SILT
ALBATROSS IV	68-12	237	1-METER NAT. DREDGE	08-21-68	42-05	70-21	64	SILT-CLAY
ALBATROSS IV	68-12	237	1-METER NAT. DREDGE	08-21-68	42-05	70-21	64	SILT-CLAY

TOTAL SAMPLES 10

TABLE 145 **DENOPOTA OVALIS** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	49	2069	CAMPBELL GRAB	08-06-64	36-00	74-43	915	CLAYEY SILT
GOSNOLD	49	2099	CAMPBELL GRAB	08-09-64	37-48	73-48	1408	CLAYEY SILT
GOSNOLD	49	2108	CAMPBELL GRAB	08-12-64	38-04	73-33	1660	SILTY CLAY

TOTAL SAMPLES 3

TABLE 146 **DENOPOTA PINGELII** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	70	50	DIGBY DRAG	12-17-55	41-37	66-16	91	SAND

TOTAL SAMPLES 1

TABLE 147

OENOPOTA PYRAMIDALIS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	22	1207	CAMPBELL GRAB	08-17-63	41-50	70-28	23	GRAVELLY SAN
GOSNOLD	29	1366	CAMPBELL GRAB	10-19-63	38-31	73-20	114	SAND
ALBATROSS IV	68-12	100	1-METER NAT. DREDGE	08-16-68	42-55	65-55	137	SANDY GRAVEL
ALBATROSS IV	68-12	125	1-METER NAT. DREDGE	08-17-68	43-34	66-20	73	GRAVEL

TOTAL SAMPLES 4

TABLE 148

OENOPOTA TURRICULA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	122	19	1-METER NAT. DREDGE	11-20-58	42-10	70-01	128	SHELLY SAND
DELAWARE	61-10	48	1-METER NAT. DREDGE	06-24-61	43-11	66-31	92	SHELL
GOSNOLD	12	1015	CAMPBELL GRAB	05-03-63	42-40	70-30	92	CLAYEY SILT
GOSNOLD	12	1024	CAMPBELL GRAB	05-03-63	43-30	70-01	117	SILTY CLAY
GOSNOLD	22	1140	CAMPBELL GRAB	08-09-63	42-41	65-02	109	SAND
GOSNOLD	22	1153	CAMPBELL GRAB	08-10-63	42-50	65-33	136	SAND
GOSNOLD	24	1237	CAMPBELL GRAB	08-31-63	43-10	65-44	64	SHELLY SAND
GOSNOLD	49	2159	CAMPBELL GRAB	08-20-64	39-51	69-10	1480	CLAYEY SILT
ALBATROSS IV	65-13	83	SCALLOP DREDGE	09-26-65	41-25	66-42	79	SAND
ALBATROSS IV	65-11	44	SMITH MCINTYRE GRAB	08-22-65	41-14	67-04	64	SAND
ALBATROSS IV	68-12	90	1-METER NAT. DREDGE	08-16-68	42-31	65-41	90	SANDY GRAVEL
ALBATROSS IV	68-12	102	1-METER NAT. DREDGE	08-16-68	42-56	65-41	137	SHELLY GRAVL
ALBATROSS IV	68-12	105	1-METER NAT. DREDGE	08-17-68	43-06	65-34	101	SHELLY SAND
ALBATROSS IV	68-12	114	1-METER NAT. DREDGE	08-17-68	43-12	66-21	84	SHELLY SAND
ALBATROSS IV	68-12	125	1-METER NAT. DREDGE	08-17-68	43-34	66-20	73	GRAVEL
ALBATROSS IV	68-12	127	1-METER NAT. DREDGE	08-17-68	43-42	66-29	95	SANDY GRAVEL
ALBATROSS IV	68-12	132	1-METER NAT. DREDGE	08-18-68	43-58	66-31	84	GRAVEL
ALBATROSS IV	68-12	184	1-METER NAT. DREDGE	08-19-68	43-42	69-30	137	CLAYEY SILT
ALBATROSS IV	68-12	237	1-METER NAT. DREDGE	08-21-68	42-05	70-21	64	SILT-CLAY
ALBATROSS IV	68-12	238	1-METER NAT. DREDGE	08-21-68	42-03	70-29	53	TILLOID
ALBATROSS IV	68-12	239	1-METER NAT. DREDGE	08-21-68	41-58	70-27	49	TILLOID

TOTAL SAMPLES 21

TABLE 149

<u>OENOPOTA</u> SP

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	101	198	SMITH MCINTYRE GRAB	08-29-57	41-00	69-15	60	GRAVELLY SAN
ALBATROSS IV	65-11	11	RING OR STRAMIN NET	08-19-65	39-58	71-00	458	SILT

TOTAL SAMPLES 2

TABLE 150

PHILINE FINMARCHIA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	70	19	DIGBY DRAG	12-11-55	42-10	69-58	146	SAND
GOSNOLD	45	1870	CAMPBELL GRAB	06-27-64	35-29	74-58	39	SAND

TOTAL SAMPLES 2

TABLE 151

PHILINE LIMA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	69	7	DIGBY DRAG	11-17-55	40-35	68-18	73	SAND
DELAWARE	60-12	29	OTTER TRAWL	11-08-60	41-44	68-27	192	
GOSNOLD	29	1320	CAMPBELL GRAB	10-14-63	39-20	73-16	55	SAND
GOSNOLD	29	1336	CAMPBELL GRAB	10-15-63	39-10	72-42	180	SAND
GOSNOLD	29	1365	CAMPBELL GRAB	10-19-63	38-31	73-26	89	SAND
GOSNOLD	29	1366	CAMPBELL GRAB	10-19-63	38-31	73-20	114	SAND
GOSNOLD	45	1775	CAMPBELL GRAB	06-18-64	32-20	79-17	40	SAND
GOSNOLD	45	1875	CAMPBELL GRAB	06-27-64	36-20	75-00	35	SAND
GOSNOLD	45	1890	CAMPBELL GRAB	06-28-64	38-00	74-16	65	SAND
ALBATROSS IV	65-13	37	RING OR STRAMIN NET	09-24-65	40-42	67-27	88	SAND
ALBATROSS IV	65-11	27	RING OR STRAMIN NET	08-20-65	40-35	69-48	62	SAND

TOTAL SAMPLES 11

TABLE 152

PHILINE QUADRATA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	101	82	SMITH MCINTYRE GRAB	08-24-57	40-53	67-28	77	SAND
ALBATROSS III	101	131	SMITH MCINTYRE GRAB	08-26-57	41-29	66-21	92	SAND
ALBATROSS III	122	19	1-METER NAT. DREDGE	11-20-58	42-10	70-01	128	SHELLY SAND
DELAWARE	61-10	4	1-METER NAT. DREDGE	06-21-61	42-49	69-49	293	
DELAWARE	61-10	10	SMITH MCINTYRE GRAB	06-21-61	42-50	68-15	238	SILTY CLAY
DELAWARE	61-10	20	1-METER NAT. DREDGE	06-22-61	43-01	67-15	275	SANDY SILT
DELAWARE	61-10	39	SMITH MCINTYRE GRAB	06-24-61	43-11	68-45	201	CLAYEY SILT
DELAWARE	61-10	59	SMITH MCINTYRE GRAB	06-25-61	43-20	69-01	176	SILTY CLAY
DELAWARE	61-10	67	SMITH MCINTYRE GRAB	06-26-61	43-29	69-00	156	SILTY CLAY
DELAWARE	61-10	88	1-METER NAT. DREDGE	06-27-61	43-40	68-59	114	SILTY CLAY
DELAWARE	61-10	101	1-METER NAT. DREDGE	06-28-61	44-00	67-30	242	SILTY CLAY
GOSNOLD	22	1153	CAMPBELL GRAB	08-10-63	42-50	65-33	136	SAND
GOSNOLD	22	1195	CAMPBELL GRAB	08-16-63	42-20	69-59	211	SAND-SILT-CL
GOSNOLD	22	1200	CAMPBELL GRAB	08-17-63	42-30	70-45	43	SAND
GOSNOLD	22	1203	CAMPBELL GRAB	08-17-63	42-10	70-30	55	SANDY SILT
GOSNOLD	24	1248	CAMPBELL GRAB	09-02-63	42-40	64-10	611	SANDY SILT
GOSNOLD	49	2196	CAMPBELL GRAB	08-28-64	41-04	66-24	720	SILTY SAND
ALBATROSS IV	64-12	201	SMITH MCINTYRE GRAB	10-10-64	40-54	67-14	86	SAND
ALBATROSS IV	64-12	202	SMITH MCINTYRE GRAB	10-10-64	40-56	67-11	82	SAND
ALBATROSS IV	65-11	3	SMITH MCINTYRE GRAB	08-17-65	40-58	70-59	49	SAND
ALBATROSS IV	65-11	3	SMITH MCINTYRE GRAB	08-17-65	40-58	70-59	49	SAND
ALBATROSS IV	65-11	3	SMITH MCINTYRE GRAB	08-17-65	40-58	70-59	49	SAND
ALBATROSS IV	65-11	4	1-METER NAT. DREDGE	08-17-65	40-50	71-00	57	SILT
ALBATROSS IV	65-11	26	SMITH MCINTYRE GRAB	08-20-65	40-42	70-00	40	SAND
ALBATROSS IV	65-11	27	RING OR STRAMIN NET	08-20-65	40-35	69-48	62	SAND
ALBATROSS IV	65-11	41	1-METER NAT. DREDGE	08-22-65	40-44	67-37	80	SAND
ALBATROSS IV	65-11	57	RING OR STRAMIN NET	08-24-65	42-40	67-30	201	GRAVELLY SAN
ALBATROSS IV	65-11	57	RING OR STRAMIN NET	08-24-65	42-40	67-30	201	GRAVELLY SAN
ALBATROSS IV	65-11	64	RING OR STRAMIN NET	08-26-65	42-46	69-17	73	GRAVELLY SAN
ALBATROSS IV	65-11	67	1-METER NAT. DREDGE	08-26-65	42-59	70-02	55	TILLOID
ALBATROSS IV	66-9	1004	1-METER NAT. DREDGE	07-15-66	42-11	65-50	247	GRAVEL

TABLE 153

PHILINE SP

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	55-2	8	FISH STOMACHS	01-24-55	41-08	66-26	128	
ALBATROSS III	122	7	1-METER NAT. DREDGE	11-18-58	42-17	70-06	91	GRAVEL
ALBATROSS III	122	14	1-METER NAT. DREDGE	11-19-58	42-05	69-50	174	SILTY CLAY
DELAWARE	59-9	129	1-METER NAT. DREDGE	08-09-59	42-41	69-45	247	SILTY CLAY
DELAWARE	60-12	105	OTTER TRAWL	11-20-60	42-14	70-15	30	
DELAWARE	61-10	23	SMITH MCINTYRE GRAB	06-22-61	43-00	68-00	192	SAND-SILT-CL
GOSNOLD	29	1277	CAMPBELL GRAB	10-10-63	40-41	72-16	53	SAND
GOSNOLD	29	1307	CAMPBELL GRAB	10-13-63	39-50	72-30	64	SAND
GOSNOLD	29	1320	CAMPBELL GRAB	10-14-63	39-20	73-16	55	SAND
GOSNOLD	45	1879	CAMPBELL GRAB	06-27-64	36-50	74-44	72	SAND
GOSNOLD	49	2092	CAMPBELL GRAB	08-08-64	37-30	74-19	505	SILTY SAND
GOSNOLD	49	2128	CAMPBELL GRAB	08-15-64	39-26	71-45	1605	SILTY CLAY
GOSNOLD	49	2139	CAMPBELL GRAB	08-17-64	39-56	70-26	440	SAND
ALBATROSS IV	64-13	101	SMITH MCINTYRE GRAB	11-13-64	44-00	68-15	110	SILT-CLAY

TOTAL SAMPLES 14

TABLE 154 **PLEUROBRANCHAEA TARDA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	74-7	20	OTTER TRAWL	07-13-74	38-40	73-05	306	
ALBATROSS IV	74-7	45	OTTER TRAWL	07-18-74	40-45	66-47	240	

TOTAL SAMPLES 2

TABLE 155 PLEUROBRANCHAEA SP

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	73-5	1	1-METER NAT. DREDGE	06-11-73	40-16	69-37	77	SILTY SAND
DELAWARE	73-5	13	OTTER TRAWL	06-17-73	39-57	69-34	179	
DELAWARE	73-5	21	1-METER NAT. DREDGE	06-18-73	39-56	69-42	161	
DELAWARE	73-5	36	1-METER NAT. DREDGE	06-10-73	40-00	69-30	112	SILTY SAND
DELAWARE	73-5	36	OTTER TRAWL	06-10-73	40-00	69-30	115	SILTY SAND
DELAWARE	73-5	37	1-METER NAT. DREDGE	06-10-73	39-58	69-30	132	SILTY SAND
DELAWARE	73-5	59	1-METER NAT. DREDGE	06-14-73	40-05	69-20	108	
ALBATROSS IV	74-7	40	OTTER TRAWL	07-18-74	40-30	67-11	302	

TOTAL SAMPLES 8

TABLE 156 **PLEUROTOMELLA AGASSIZI** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	59-10	14	40 FT SHRIMP TRAWL	08-27-59	39-46	71-25	1074	
DELAWARE	59-10	17	40 FT SHRIMP TRAWL	08-28-59	39-44	70-53	1655	
GOSNOLD	24	1250	CAMPBELL GRAB	09-02-63	42-24	64-14	1628	SILTY CLAY
ALBATROSS IV	74-7	35	OTTER TRAWL	07-16-74	39-52	69-24	1006	
ALBATROSS IV	74-7	58	1-METER NAT. DREDGE	07-21-74	40-08	68-19	982	

TOTAL SAMPLES 5

TABLE 157 **PLEUROTOMELLA BLAKEANA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	29	1272	CAMPBELL GRAB	10-09-63	39-55	70-04	474	SILTY SAND
GOSNOLD	49	2069	CAMPBELL GRAB	08-06-64	36-00	74-43	915	CLAYEY SILT
GOSNOLD	51	2201	CAMPBELL GRAB	09-18-64	41-16	65-44	2451	SAND-SILT-CL

TOTAL SAMPLES 3

TABLE 158

PLEUROTOMELLA CURTA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	49	2140	CAMPBELL GRAB	08-17-64	39-45	70-16	1965	CLAYEY SILT
GOSNOLD	49	2196	CAMPBELL GRAB	08-28-64	41-04	66-24	720	SILTY SAND

TOTAL SAMPLES 2

TABLE 159 PLEUROTOMELLA PACKARDI

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	59-9	29	SMITH MCINTYRE GRAB	08-06-59	42-25	67-48	196	SAND
DELAWARE	61-10	22	1-METER NAT. DREDGE	06-22-61	43-00	67-45	141	TILLOID
DELAWARE	61-10	44	1-METER NAT. DREDGE	06-24-61	43-10	67-30	211	TILLOID
DELAWARE	61-10	107	SMITH MCINTYRE GRAB	06-29-61	43-29	68-16	183	SAND-SILT-CL
GOSNOLD	22	1195	CAMPBELL GRAB	08-16-63	42-20	69-59	211	SAND-SILT-CL
GOSNOLD	51	2202	CAMPBELL GRAB	09-18-64	41-27	65-56	617	SAND
ALBATROSS IV	64-1	44	OTTER TRAWL	01-23-64	43-58	66-56	161	
ALBATROSS IV	65-11	40	1-METER NAT. DREDGE	08-22-65	40-30	67-42	421	SAND
ALBATROSS IV	65-11	59	1-METER NAT. DREDGE	08-25-65	42-30	68-10	156	SAND
ALBATROSS IV	68-12	38	1-METER NAT. DREDGE	08-13-68	41-34	68-52	113	TILLOID
ALBATROSS IV	68-12	39	1-METER NAT. DREDGE	08-13-68	41-34	68-46	150	TILLOID
ALBATROSS IV	68-12	66	1-METER NAT. DREDGE	08-15-68	42-26	66-28	265	GRAVEL
ALBATROSS IV	68-12	170	1-METER NAT. DREDGE	08-19-68	44-00	68-22	101	SILT-CLAY
ALBATROSS IV	68-12	216	1-METER NAT. DREDGE	08-21-68	42-54	69-57	201	TILLOID
ALBATROSS IV	68-12	221	1-METER NAT. DREDGE	08-21-68	42-40	69-58	183	TILLOID
ALBATROSS IV	74-7	57	1-METER NAT. DREDGE	07-20-74	40-19	67-27	1170	
ALBATROSS IV	74-7	58	1-METER NAT. DREDGE	07-21-74	40-08	68-19	982	

TOTAL SAMPLES 17

TABLE 160 **POLINICES DUPLICATUS** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		2	MISC. GEAR	08-27-58	41-30	70-15	16	
GOSNOLD	12	1012	CAMPBELL GRAB	05-02-63	41-27	70-15	20	SAND
GOSNOLD	22	1208	CAMPBELL GRAB	08-17-63	41-40	70-42	10	SAND
GOSNOLD	29	1346	CAMPBELL GRAB	10-16-63	39-10	74-31	23	SAND
GOSNOLD	45	1454	CAMPBELL GRAB	05-19-64	33-59	77-44	12	SHELLY SAND
GOSNOLD	45	1516	CAMPBELL GRAB	05-23-64	29-30	81-06	13	CLAYEY SAND
GOSNOLD	45	1553	CAMPBELL GRAB	05-25-64	26-42	80-01	36	SAND
GOSNOLD	45	1571	CAMPBELL GRAB	05-31-64	24-32	81-17	84	SILTY SAND
GOSNOLD	45	1575	CAMPBELL GRAB	05-31-64	24-25	82-00	70	SILTY SAND
GOSNOLD	45	1814	CAMPBELL GRAB	06-23-64	33-29	77-17	35	SAND
GOSNOLD	45	1814	CAMPBELL GRAB	06-23-64	33-29	77-17	35	SAND
GOSNOLD	49	2027	CAMPBELL GRAB	08-02-64	38-40	74-45	26	SAND
GOSNOLD	49	2036	CAMPBELL GRAB	08-03-64	38-00	75-00	18	SAND
ASTERIAS	64-2	1933	SMITH MCINTYRE GRAB	07-20-64	41-41	71-20	6	SANDY SILT
ASTERIAS	64-2	1944	SMITH MCINTYRE GRAB	07-23-64	41-06	72-45	29	SANDY SILT
ASTERIAS	64-2	1968	SMITH MCINTYRE GRAB	07-29-64	39-00	75-14	22	SAND
ASTERIAS	64-2	1970	SMITH MCINTYRE GRAB	07-29-64	39-10	75-01	4	SILTY SAND
ASTERIAS	65-1	2331	SMITH MCINTYRE GRAB	06-07-65	36-34	75-50	10	SAND

TOTAL SAMPLES 18

TABLE 161

POLINICES GROENLANDICA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	59-9	71	1-METER NAT. DREDGE	08-07-59	43-03	65-30	128	GRAVEL
ALBATROSS IV	74-7	43	OTTER TRAWL	07-18-74	40-32	67-02	422	

TOTAL SAMPLES 2

TABLE 162

POLINICES IMMACULATUS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
	2	2	FISH STOMACHS	04-27-54	41-40	67-10	51	
	5	3	FISH STOMACHS	06-29-54	42-04	66-17	84	
ALBATROSS III	67	1	DIGBY DRAG	10-05-55	41-00	70-48	42	SAND
ALBATROSS III	70	50	DIGBY DRAG	12-17-55	41-37	66-16	91	SAND
ALBATROSS III	80	4	DIGBY DRAG	08-14-56	42-09	66-52	102	GRAVELLY SAN
ALBATROSS III	80	6	DIGBY DRAG	08-16-56	41-23	67-38	40	SAND
ALBATROSS III	80	7	DIGBY DRAG	08-17-56	41-06	68-52	95	SAND
ALBATROSS III	122	31	1-METER NAT. DREDGE	11-21-58	42-07	70-02	53	SAND
ALBATROSS III	122	32	1-METER NAT. DREDGE	11-21-58	42-08	70-03	48	SAND
DELAWARE	59-9	2	SMITH MCINTYRE GRAB	08-05-59	42-00	69-47	139	SAND
DELAWARE	59-9	100	1-METER NAT. DREDGE	08-08-59	42-41	66-28	146	SAND
DELAWARE	61-10	97	1-METER NAT. DREDGE	06-28-61	44-00	66-30	119	SHELLY GRAVEL
DELAWARE	61-7	67	SCALLOP DREDGE	05-06-61	41-45	66-14	91	
GOSNOLD	13	1053	CAMPBELL GRAB	05-09-63	41-20	71-00	33	SAND
GOSNOLD	13	1060	CAMPBELL GRAB	05-10-63	40-20	68-31	123	SAND
GOSNOLD	22	1101	CAMPBELL GRAB	08-05-63	41-29	69-47	23	SAND
GOSNOLD	22	1114	CAMPBELL GRAB	08-06-63	40-40	67-45	79	SAND
GOSNOLD	22	1165	CAMPBELL GRAB	08-10-63	44-09	66-29	87	SAND
GOSNOLD	24	1245	CAMPBELL GRAB	09-01-63	43-20	64-45	68	SAND
GOSNOLD	29	1276	CAMPBELL GRAB	10-10-63	40-41	72-01	51	SAND
GOSNOLD	29	1282	CAMPBELL GRAB	10-10-63	40-22	72-02	57	SAND
GOSNOLD	29	1291	CAMPBELL GRAB	10-11-63	40-12	73-01	47	SAND
GOSNOLD	29	1311	CAMPBELL GRAB	10-13-63	39-42	73-15	44	SAND
GOSNOLD	29	1340	CAMPBELL GRAB	10-15-63	39-10	73-15	64	SHELLY SAND
GOSNOLD	29	1397	CAMPBELL GRAB	10-26-63	40-52	72-15	30	SAND
GOSNOLD	29	1399	CAMPBELL GRAB	10-26-63	40-59	71-54	25	SAND
GOSNOLD	45	1554	CAMPBELL GRAB	05-25-64	26-31	80-01	54	SAND
GOSNOLD	45	1568	CAMPBELL GRAB	05-31-64	24-42	80-46	82	SILTY SAND
GOSNOLD	45	1570	CAMPBELL GRAB	05-31-64	24-35	81-07	83	SILTY SAND
GOSNOLD	45	1571	CAMPBELL GRAB	05-31-64	24-32	81-17	84	SILTY SAND
GOSNOLD	45	1709	CAMPBELL GRAB	06-13-64	30-50	80-15	36	SANDY SHELL
GOSNOLD	45	1713	CAMPBELL GRAB	06-13-64	30-11	80-15	73	SANDY SHELL
GOSNOLD	45	1845	CAMPBELL GRAB	06-22-64	35-00	76-39	94	SAND

GOSNELD	45	1709	CAMPBELL GRAB	06-13-64	30-50	[illegible]	[illegible]	[illegible]
GOSNELD	45	1713	CAMPBELL GRAB	06-13-64	30-11	80-15	73	SANDY SHELL

TABLE 162 CONT'D

POLINICES IMMACULATUS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ASTERIAS	64-2	2011	SMITH MCINTYRE GRAB	08-09-64	41-14	71-32	34	SAND
ALBATROSS IV	67-6	3	1-METER NAT. DREDGE	04-06-67	40-48	67-25	90	SILTY SAND
ALBATROSS IV	67-6	3	1-METER NAT. DREDGE	04-06-67	40-48	67-25	90	SILTY SAND
ALBATROSS IV	67-6	4	1-METER NAT. DREDGE	04-06-67	40-41	67-20	101	SILTY SAND
ALBATROSS IV	67-6	10	1-METER NAT. DREDGE	04-07-67	40-36	67-42	90	SILTY SAND
ALBATROSS IV	67-6	11	1-METER NAT. DREDGE	04-07-67	40-42	67-42	71	GRAVELLY SAN
ALBATROSS IV	68-12	19	1-METER NAT. DREDGE	08-13-68	40-48	69-44	38	SHELLY SAND
ALBATROSS IV	68-12	20	1-METER NAT. DREDGE	08-13-68	40-44	69-42	46	SAND
ALBATROSS IV	68-12	21	1-METER NAT. DREDGE	08-13-68	40-44	69-37	46	SAND
ALBATROSS IV	68-12	22	1-METER NAT. DREDGE	08-13-68	40-44	69-30	46	SAND
ALBATROSS IV	68-12	27	RING OR STRAMIN NET	08-13-68	40-47	68-58	73	SILTY SAND
ALBATROSS IV	68-12	29	RING OR STRAMIN NET	08-13-68	40-58	68-58	80	SAND
ALBATROSS IV	68-12	50	BOTTOM SKIMMER	08-14-68	41-58	67-45	51	GRAVELLY SAN
ALBATROSS IV	68-12	52	1-METER NAT. DREDGE	08-14-68	42-02	67-35	46	SANDY GRAVEL
ALBATROSS IV	68-12	67	1-METER NAT. DREDGE	08-15-68	42-25	66-21	256	GRAVEL
ALBATROSS IV	68-12	87	1-METER NAT. DREDGE	08-16-68	42-18	65-28	113	SANDY GRAVEL
ALBATROSS IV	68-12	126	1-METER NAT. DREDGE	08-17-68	43-39	66-25	77	SANDY GRAVEL
ALBATROSS IV	68-12	127	1-METER NAT. DREDGE	08-17-68	43-42	66-29	95	SANDY GRAVEL
ALBATROSS IV	68-12	129	1-METER NAT. DREDGE	08-17-68	43-50	66-38	91	SHELLY SAND
ALBATROSS IV	68-12	134	1-METER NAT. DREDGE	08-18-68	44-05	66-21	51	GRAVEL
ALBATROSS IV	68-12	134	1-METER NAT. DREDGE	08-18-68	44-05	66-21	51	GRAVEL

TOTAL SAMPLES 54

TABLE 163 **POLINICES LEVICULA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	61-10	36	1-METER NAT. DREDGE	06-23-61	43-10	69-30	156	TILLOID
DELAWARE	61-10	44	1-METER NAT. DREDGE	06-24-61	43-10	67-30	211	TILLOID
DELAWARE	61-10	103	1-METER NAT. DREDGE	06-28-61	44-00	68-00	165	CLAYEY SILT
DELAWARE	62-7	63	1-METER NAT. DREDGE	06-19-62	41-10	71-15	38	SAND
ALBATROSS IV	63-7	56	OTTER TRAWL	11-20-63	42-57	66-45	196	
ALBATROSS IV	63-7	57	OTTER TRAWL	11-21-63	42-59	67-01	205	
ALBATROSS IV	64-1	35	OTTER TRAWL	01-20-64	42-23	67-47	186	
ALBATROSS IV	64-1	56	OTTER TRAWL	01-24-64	42-56	66-44	201	
ALBATROSS IV	66-9	1007	1-METER NAT. DREDGE	07-16-66	42-10	65-37	238	TILLOID
ALBATROSS IV	74-7	50	OTTER TRAWL	07-19-74	41-23	66-01	329	
ALBATROSS IV	74-7	50	OTTER TRAWL	07-19-74	41-23	66-01	329	

TOTAL SAMPLES 11

TABLE 164 **POLINICES** SP

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	29	1297	CAMPBELL GRAB	10-12-63	39-59	72-45	56	SAND
GOSNOLD	45	1875	CAMPBELL GRAB	06-27-64	36-20	75-00	35	SAND
ALBATROSS IV	64-12	300	SMITH MCINTYRE GRAB	10-10-64	41-14	67-26	46	SAND

TOTAL SAMPLES 3

TABLE 165

PTEROPODA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	74-7	43	OTTER TRAWL	07-18-74	40-32	67-02	422	
ALBATROSS IV	74-7	57	1-METER NAT. DREDGE	07-20-74	40-19	67-27	1170	
ALBATROSS IV	74-7	64	OTTER TRAWL	07-22-74	39-50	69-42	1010	

TOTAL SAMPLES 3

TABLE 166 **PTYCHATRACTUS LIGATUS** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	68-12	100	1-METER NAT. DREDGE	08-16-68	42-55	65-55	137	SANDY GRAVEL
ALBATROSS IV	68-12	139	1-METER NAT. DREDGE	08-18-68	44-16	66-28	201	GRAVEL

TOTAL SAMPLES 2

TABLE 167 PUNCTURELLA NOACHINA PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	70	34	1-METER SLED NET	12-13-55	42-10	66-18	198	GRAVEL
ALBATROSS III	70	34	1-METER SLED NET	12-13-55	42-10	66-18	198	GRAVEL
ALBATROSS III	80	3	DIGBY DRAG	08-13-56	41-54	65-57	108	SAND
ALBATROSS III	80	4	DIGBY DRAG	08-14-56	42-09	66-52	102	GRAVELLY SAN
ALBATROSS III	101	135	SMITH MCINTYRE GRAB	08-26-57	41-24	66-00	238	GRAVELLY SAN
ALBATROSS III	122	2	1-METER NAT. DREDGE	11-17-58	42-14	70-04	97	GRAVEL
ALBATROSS III	122	3	1-METER NAT. DREDGE	11-17-58	42-16	70-00	104	GRAVEL
ALBATROSS III	122	7	1-METER NAT. DREDGE	11-18-58	42-17	70-06	91	GRAVEL
ALBATROSS III	122	16	1-METER NAT. DREDGE	11-19-58	41-59	69-53	70	GRAVEL
ALBATROSS III	122	18	1-METER NAT. DREDGE	11-19-58	42-06	69-58	99	GRAVEL
ALBATROSS III	122	32	1-METER NAT. DREDGE	11-21-58	42-08	70-03	48	SAND
DELAWARE	59-9	62	1-METER NAT. DREDGE	08-07-59	42-25	66-05	249	GRAVEL
DELAWARE	59-9	88	1-METER NAT. DREDGE	08-08-59	42-32	65-39	95	GRAVEL
DELAWARE	59-9	91	SMITH MCINTYRE GRAB	08-08-59	42-40	65-56	86	SANDY GRAVEL
DELAWARE	59-9	92	SMITH MCINTYRE GRAB	08-08-59	42-43	66-02	79	SANDY GRAVEL
DELAWARE	59-9	137	SMITH MCINTYRE GRAB	08-10-59	42-30	70-12	68	GRAVEL
DELAWARE	61-10	16	1-METER NAT. DREDGE	06-22-61	42-50	66-45	253	TILLOID
DELAWARE	61-10	18	1-METER NAT. DREDGE	06-22-61	43-00	66-45	212	
DELAWARE	61-10	34	1-METER NAT. DREDGE	06-23-61	43-09	70-00	121	
DELAWARE	61-10	36	1-METER NAT. DREDGE	06-23-61	43-10	69-30	156	TILLOID
DELAWARE	61-10	47	SMITH MCINTYRE GRAB	06-24-61	43-10	66-45	165	SHELL
DELAWARE	61-10	48	SMITH MCINTYRE GRAB	06-24-61	43-11	66-31	92	SHELL
DELAWARE	61-10	68	1-METER NAT. DREDGE	06-26-61	43-30	68-45	114	GRAVEL
DELAWARE	61-10	76	1-METER NAT. DREDGE	06-26-61	43-31	66-46	156	GRAVEL
DELAWARE	61-10	80	1-METER NAT. DREDGE	06-26-61	43-40	67-00	187	
DELAWARE	61-10	95	1-METER NAT. DREDGE	06-28-61	43-50	67-00	183	TILLOID
DELAWARE	61-10	99	1-METER NAT. DREDGE	06-28-61	44-00	67-00	119	GRAVEL
DELAWARE	61-10	107	SMITH MCINTYRE GRAB	06-29-61	43-29	68-16	183	SAND-SILT-CL
GOSNOLD	22	1116	CAMPBELL GRAB	08-06-63	40-21	67-48	382	GRAVELLY SAN
GOSNOLD	22	1139	CAMPBELL GRAB	08-08-63	42-42	65-16	100	GRAVEL
GOSNOLD	22	1171	CAMPBELL GRAB	08-11-63	44-51	66-46	141	SILTY CLAY
GOSNOLD	22	[illegible]	CAMPBELL GRAB	08-11-63	45-39	66-44	89	GRAVELLY SAN

TABLE 167 CONT'D

PUNCTURELLA NOACHINA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	24	1235	CAMPBELL GRAB	08-31-63	43-10	65-15	144	GRAVEL
GOSNOLD	24	1237	CAMPBELL GRAB	08-31-63	43-10	65-44	64	SHELLY SAND
GOSNOLD	51	2210	WHOI PIPE DREDGE	09-19-64	42-02	65-33	802	GRAVEL
ASTERIAS	64-2	1908	SMITH MCINTYRE GRAB	07-10-64	44-11	68-31	28	SILTY SAND
ALBATROSS IV	65-10	103	OTTER TRAWL	07-20-65	41-44	65-50	126	SAND
ALBATROSS IV	65-11	49	SMITH MCINTYRE GRAB	08-23-65	42-06	66-20	95	GRAVEL
ALBATROSS IV	65-11	53	1-METER NAT. DREDGE	08-24-65	42-54	66-41	201	SAND
ALBATROSS IV	65-11	56	1-METER NAT. DREDGE	08-24-65	43-10	67-30	188	SAND
ALBATROSS IV	65-11	57	RING OR STRAMIN NET	08-24-65	42-40	67-30	201	GRAVELLY SA
ALBATROSS IV	65-11	59	1-METER NAT. DREDGE	08-25-65	42-30	68-10	156	SAND
ALBATROSS IV	65-11	68	RING OR STRAMIN NET	08-26-65	42-52	70-20	55	CLAY
ALBATROSS IV	65-11	69	RING OR STRAMIN NET	08-26-65	42-38	70-11	77	SAND
ALBATROSS IV	65-11	69	1-METER NAT. DREDGE	08-26-65	42-38	70-11	77	SAND
ALBATROSS IV	66-9	1004	1-METER NAT. DREDGE	07-15-66	42-11	65-50	247	GRAVEL
ALBATROSS IV	66-9	1008	1-METER NAT. DREDGE	07-16-66	42-08	65-42	315	TILLOID
ALBATROSS IV	68-12	40	1-METER NAT. DREDGE	08-14-68	41-34	68-40	128	SANDY SILT
ALBATROSS IV	68-12	70	1-METER NAT. DREDGE	08-15-68	42-27	66-00	174	SANDY GRAVEL
ALBATROSS IV	68-12	114	1-METER NAT. DREDGE	08-17-68	43-12	66-21	84	SHELLY SAND
ALBATROSS IV	68-12	135	1-METER NAT. DREDGE	08-18-68	44-06	66-26	73	GRAVELLY SAN
ALBATROSS IV	68-12	140	1-METER NAT. DREDGE	08-18-68	44-22	66-22	165	TILLOID
ALBATROSS IV	68-12	148	1-METER NAT. DREDGE	08-18-68	44-25	67-07	91	TILLOID
ALBATROSS IV	68-12	209	1-METER NAT. DREDGE	08-20-68	42-58	70-31	82	SILTY CLAY
ALBATROSS IV	68-12	217	1-METER NAT. DREDGE	08-21-68	42-56	69-52	249	SILT-CLAY
ALBATROSS IV	68-12	217	1-METER NAT. DREDGE	08-21-68	42-56	69-52	249	SILT-CLAY
ALBATROSS IV	68-12	224	1-METER NAT. DREDGE	08-21-68	42-40	70-24	60	SANDY GRAVEL

TOTAL SAMPLES 58

TABLE 168

RETUSA CANALICULATA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	61-10	1	SMITH MCINTYRE GRAB	06-20-61	42-49	70-30	121	CLAYEY SILT
BLUEBACK		9503	1-METER SLED NET	11-02-61	41-28	70-45	3	
		9205	DIP NET	11-12-62	41-44	69-59	1	SAND
BLUEBACK	62-1	1	1-METER SLED NET	04-05-62	41-28	70-38	3	SAND
BLUEBACK	62-1	1	1-METER SLED NET	04-05-62	41-28	70-38	3	SAND
GOSNOLD	10	1005	SMITH MCINTYRE GRAB	04-26-63	41-28	70-52	22	SANDY SILT
GOSNOLD	22	1203	CAMPBELL GRAB	08-17-63	42-10	70-30	55	SANDY SILT
GOSNOLD	45	1429	CAMPBELL GRAB	05-17-64	36-10	75-15	25	SAND
GOSNOLD	45	1435	CAMPBELL GRAB	05-18-64	35-11	75-15	25	SAND
GOSNOLD	49	2027	CAMPBELL GRAB	08-02-64	38-40	74-45	26	SAND
GOSNOLD	49	2064	CAMPBELL GRAB	08-06-64	36-00	75-30	23	SAND
GOSNOLD	49	2069	CAMPBELL GRAB	08-06-64	36-00	74-43	915	CLAYEY SILT
ASTERIAS	64-2	1969	SMITH MCINTYRE GRAB	07-29-64	39-00	74-59	8	SAND-SILT-CL
ASTERIAS	64-2	1983	SMITH MCINTYRE GRAB	07-31-64	38-08	76-13	23	SAND
ASTERIAS	64-2	1987	SMITH MCINTYRE GRAB	08-01-64	37-45	75-53	15	CLAYEY SILT
ASTERIAS	64-2	1993	SMITH MCINTYRE GRAB	08-02-64	37-06	76-08	13	SANDY SILT
ASTERIAS	65-1	2235	SMITH MCINTYRE GRAB	05-11-65	35-16	75-46	5	SAND
ASTERIAS	65-1	2235	SMITH MCINTYRE GRAB	05-11-65	35-16	75-46	5	SAND
ASTERIAS	65-1	2236	SMITH MCINTYRE GRAB	05-11-65	35-25	75-49	6	CLAYEY SILT
ASTERIAS	65-1	2238	SMITH MCINTYRE GRAB	05-13-65	35-16	76-12	6	SILTY SAND
ASTERIAS	65-1	2314	SMITH MCINTYRE GRAB	06-06-65	34-37	76-38	16	SAND

TOTAL SAMPLES 21

TABLE 169 **RETUSA OBTUSA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	67	1	DIGBY DRAG	10-05-55	41-00	70-48	42	SAND
ALBATROSS III	67	2	PETERSEN GRAB	10-04-55	40-30	70-35	68	SILT-CLAY
DELAWARE	61-10	1	SMITH MCINTYRE GRAB	06-20-61	42-49	70-30	121	CLAYEY SILT
DELAWARE	61-10	1	SMITH MCINTYRE GRAB	06-20-61	42-49	70-30	121	CLAYEY SILT
DELAWARE	61-10	88	SMITH MCINTYRE GRAB	06-27-61	43-40	68-59	114	SILTY CLAY
		9301	MISC. GEAR	09-12-62	41-31	70-41	0	
DELAWARE	62-7	33	BOTTOM SKIMMER	06-16-62	40-40	70-30	62	SILTY SAND
GOSNOLD	12	1015	CAMPBELL GRAB	05-03-63	42-40	70-30	92	CLAYEY SILT
GOSNOLD	12	1015	CAMPBELL GRAB	05-03-63	42-40	70-30	92	CLAYEY SILT
GOSNOLD	12	1018	CAMPBELL GRAB	05-03-63	43-00	70-30	95	CLAYEY SILT
GOSNOLD	12	1018	CAMPBELL GRAB	05-03-63	43-00	70-30	95	CLAYEY SILT
GOSNOLD	22	1181	CAMPBELL GRAB	08-13-63	43-58	68-30	94	SAND-SILT-CL
GOSNOLD	22	1199	CAMPBELL GRAB	08-16-63	42-30	70-30	87	SANDY SILT
GOSNOLD	24	1231	CAMPBELL GRAB	08-30-63	43-01	65-00	146	SAND
GOSNOLD	24	1231	CAMPBELL GRAB	08-30-63	43-01	65-00	146	SAND
GOSNOLD	24	1243	CAMPBELL GRAB	08-31-63	43-20	65-00	168	CLAYEY SILT
GOSNOLD	49	2196	CAMPBELL GRAB	08-28-64	41-04	66-24	720	SILTY SAND
GOSNOLD	51	2203	CAMPBELL GRAB	09-18-64	41-35	65-43	1795	SAND-SILT-CL
ALBATROSS IV	65-13	7	RING OR STRAMIN NET	09-23-65	40-41	67-57	80	SAND
ALBATROSS IV	65-13	37	RING OR STRAMIN NET	09-24-65	40-42	67-27	88	SAND
ALBATROSS IV	65-11	5	BOTTOM SKIMMER	08-18-65	40-41	71-00	59	SILT
ALBATROSS IV	65-11	5	SMITH MCINTYRE GRAB	08-18-65	40-41	71-00	59	SILT-CLAY
ALBATROSS IV	65-11	5	SMITH MCINTYRE GRAB	08-18-65	40-41	71-00	59	SAND-SILT
ALBATROSS IV	65-11	56	SMITH MCINTYRE GRAB	08-24-65	43-10	67-30	188	SAND
ALBATROSS IV	65-11	57	RING OR STRAMIN NET	08-24-65	42-40	67-30	201	GRAVELLY SAN
ALBATROSS IV	65-11	70	RING OR STRAMIN NET	08-26-65	42-23	70-22	31	SILT

TOTAL SAMPLES 26

TABLE 170 **RICTAXIS PUNCTOSTRIATUS** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	49	2064	CAMPBELL GRAB	08-06-64	36-00	75-30	23	SAND

TOTAL SAMPLES 1

TABLE 171 **RINGICULA NITIDA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		18		12-21-53	42-12	68-03	238	
		18		12-21-53	42-12	68-03	238	
ALBATROSS III	70	41	DIGBY DRAG	12-15-55	42-10	68-16	196	SILT-CLAY
DELAWARE	59-9	17	SMITH MCINTYRE GRAB	08-06-59	41-52	68-11	231	SAND-SILT-CL
DELAWARE	59-9	25	SMITH MCINTYRE GRAB	08-06-59	42-05	67-48	189	SILTY SAND
DELAWARE	61-10	02	SMITH MCINTYRE GRAB	06-27-61	43-40	67-30	229	CLAYEY SILT
DELAWARE	61-10	02	SMITH MCINTYRE GRAB	06-27-61	43-40	67-30	229	CLAYEY SILT
GOSNOLD	13	1074	CAMPBELL GRAB	05-12-63	39-43	71-53	225	SAND

TOTAL SAMPLES 8

TABLE 172 **SAYELLA FUSCA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ASTERIAS	64-2	1963	SMITH MCINTYRE GRAB	07-27-64	39-17	74-31	12	SHELLY SAND

TOTAL SAMPLES 1

TABLE 173

SAYELLA PRODUCTA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		9313	DIP NET	09-04-61	41-33	70-32	1	SAND

TOTAL SAMPLES 1

TABLE 174 **SAYELLA UNIFASCIATA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	80	1	DIGBY DRAG	08-11-56	40-35	68-19	92	SAND
ALBATROSS III	80	1	DIGBY DRAG	08-11-56	40-35	68-19	92	SAND
GOSNOLD	13	1076	CAMPBELL GRAB	05-13-63	39-49	72-14	89	SAND
GOSNOLD	13	1080	CAMPBELL GRAB	05-13-63	39-50	72-00	116	SAND
GOSNOLD	13	1082	CAMPBELL GRAB	05-13-63	40-06	71-44	86	SAND
GOSNOLD	29	1366	CAMPBELL GRAB	10-19-63	38-31	73-20	114	SAND
ALBATROSS IV	64-12	201	SMITH MCINTYRE GRAB	10-10-64	40-54	67-14	86	SAND
ALBATROSS IV	67-6	14	1-METER NAT. DREDGE	04-07-67	40-30	67-57	113	SILTY SAND

TOTAL SAMPLES 8

TABLE 175 **SCAPHANDER NOBILIS** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	49	2174	CAMPBELL GRAB	08-22-64	40-02	68-21	1585	CLAYEY SILT

TOTAL SAMPLES 1

TABLE 176 **SCAPHANDER PUNCTOSTRIATUS** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		20		08-15-53	42-48	69-27	130	
ALBATROSS III	53	26	OTTER TRAWL	08-18-53	41-20	66-05	412	
ALBATROSS III	70	41	DIGBY DRAG	12-15-55	42-10	68-16	196	SILT-CLAY
ALBATROSS III	70	43	1-METER SLED NET	12-15-55	41-40	68-40	157	SAND
ALBATROSS III	101	79	SMITH MCINTYRE GRAB	08-24-57	40-37	67-28	86	SAND
ALBATROSS III	122	3	1-METER NAT. DREDGE	11-17-58	42-16	70-00	104	GRAVEL
SHIRLEY & ROLAND	2	1	FISH STOMACHS	09-14-58	42-15	70-00	100	SAND-GRAVEL
DELAWARE	59-9	126	1-METER NAT. DREDGE	08-09-59	42-41	69-25	231	SILTY CLAY
DELAWARE	60-12	94	OTTER TRAWL	11-18-60	41-58	68-27	179	
DELAWARE	61-10	1	SMITH MCINTYRE GRAB	06-20-61	42-49	70-30	121	CLAYEY SILT
DELAWARE	61-10	8	1-METER NAT. DREDGE	06-21-61	42-49	68-45	230	SILTY CLAY
DELAWARE	61-10	8	1-METER NAT. DREDGE	06-21-61	42-49	68-45	238	SILTY CLAY
DELAWARE	61-10	9	1-METER NAT. DREDGE	06-21-61	42-50	68-31	220	SILT GRAVEL
DELAWARE	61-10	20	SMITH MCINTYRE GRAB	06-22-61	43-01	67-15	275	SANDY SILT
DELAWARE	61-10	22	1-METER NAT. DREDGE	06-22-61	43-00	67-45	141	TILLOID
DELAWARE	61-10	24	1-METER NAT. DREDGE	06-22-61	43-00	68-15	220	SILTY CLAY
DELAWARE	61-10	26	1-METER NAT. DREDGE	06-23-61	43-01	68-45	189	GRAVEL
DELAWARE	61-10	30	SMITH MCINTYRE GRAB	06-23-61	43-00	69-45	183	MUDDY GRAVEL
DELAWARE	61-10	30	1-METER NAT. DREDGE	06-23-61	43-00	69-45	183	MUDDY GRAVEL
DELAWARE	61-10	56	SMITH MCINTYRE GRAB	06-25-61	43-20	68-15	229	SILTY CLAY
DELAWARE	61-10	56	1-METER NAT. DREDGE	06-25-61	43-20	68-15	229	SILTY CLAY
DELAWARE	61-10	58	1-METER NAT. DREDGE	06-25-61	43-20	68-45	119	MUDDY SAND
DELAWARE	61-10	59	SMITH MCINTYRE GRAB	06-25-61	43-20	69-01	176	SILTY CLAY
DELAWARE	61-10	60	1-METER NAT. DREDGE	06-25-61	43-20	69-15	183	SILTY CLAY
DELAWARE	61-10	62	1-METER NAT. DREDGE	06-25-61	43-21	69-46	190	SILTY CLAY
DELAWARE	61-10	66	SMITH MCINTYRE GRAB	06-25-61	43-30	69-15	174	SILTY CLAY
DELAWARE	61-10	66	1-METER NAT. DREDGE	06-25-61	43-30	69-15	174	SILTY CLAY
DELAWARE	61-10	83	SMITH MCINTYRE GRAB	06-27-61	43-41	67-46	238	CLAYEY SILT
DELAWARE	61-10	84	1-METER NAT. DREDGE	06-27-61	43-40	68-00	223	SILTY CLAY
DELAWARE	61-10	86	SMITH MCINTYRE GRAB	06-27-61	43-40	68-30	183	SILTY CLAY
DELAWARE	61-10	86	1-METER NAT. DREDGE	06-27-61	43-40	68-30	183	SILTY CLAY
DELAWARE	61-10	89	1-METER NAT. DREDGE	06-27-61	43-50	68-31	137	SILTY CLAY
DELAWARE	61-10	92	SMITH MCINTYRE GRAB	06-27-61	43-50	67-55	256	CLAYEY SILT

TABLE 176 CONT'D

SCAPHANDER PUNCTOSTRIATUS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	61-10	93	1-METER NAT. DREDGE	06-28-61	43-50	67-30	214	TILLOID
DELAWARE	61-10	95	1-METER NAT. DREDGE	06-28-61	43-50	67-00	183	TILLOID
DELAWARE	61-10	99	1-METER NAT. DREDGE	06-28-61	44-00	67-00	119	GRAVEL
DELAWARE	61-10	113	SMITH MCINTYRE GRAB	06-29-61	42-50	68-45	242	SILTY CLAY
DELAWARE	61-19	16	OTTER TRAWL	10-28-61	42-21	68-02	190	
DELAWARE	61-19	65	OTTER TRAWL	11-04-61	42-03	67-55	146	
GOSNOLD	12	1024	CAMPBELL GRAB	05-03-63	43-30	70-01	117	SILTY CLAY
GOSNOLD	24	1212	CAMPBELL GRAB	08-24-63	41-50	69-45	126	SILTY SAND
GOSNOLD	24	1234	CAMPBELL GRAB	08-31-63	43-11	65-00	168	CLAYEY SILT
GOSNOLD	24	1242	CAMPBELL GRAB	08-31-63	43-20	65-15	136	SILTY SAND
GOSNOLD	28	1258	CAMPBELL GRAB	10-03-63	41-07	71-27	38	SAND
GOSNOLD	29	1335	CAMPBELL GRAB	10-15-63	39-10	72-30	406	SILTY SAND
ALBATROSS IV	63-7	8	OTTER TRAWL	11-14-63	42-47	70-37	77	
ALBATROSS IV	63-7	15	OTTER TRAWL	11-15-63	43-15	69-38	159	
ALBATROSS IV	63-7	33	OTTER TRAWL	11-18-63	42-52	68-24	174	
ALBATROSS IV	63-7	34	OTTER TRAWL	11-18-63	42-31	68-00	194	
ALBATROSS IV	63-7	105	OTTER TRAWL	12-03-63	41-51	69-48	106	
ALBATROSS IV	63-7	106	OTTER TRAWL	12-03-63	41-57	69-41	161	
ALBATROSS IV	63-7	113	OTTER TRAWL	12-04-63	41-30	69-00	150	
GOSNOLD	45	1826	CAMPBELL GRAB	06-23-64	32-50	77-00	575	SAND
GOSNOLD	49	2100	CAMPBELL GRAB	08-09-64	37-52	73-52	900	SILTY SAND
GOSNOLD	49	2102	CAMPBELL GRAB	08-09-64	37-58	73-57	580	SANDY SILT
GOSNOLD	49	2161	CAMPBELL GRAB	08-20-64	39-56	68-51	1625	SILT
GOSNOLD	49	2193	CAMPBELL GRAB	08-27-64	40-52	66-34	610	SILTY SAND
GOSNOLD	49	2196	CAMPBELL GRAB	08-28-64	41-04	66-24	720	SILTY SAND
GOSNOLD	51	2203	CAMPBELL GRAB	09-18-64	41-35	65-43	1795	SAND-SILT-CL
ALBATROSS IV	64-13	1	OTTER TRAWL	11-10-64	42-21	70-31	82	
ALBATROSS IV	64-13	15	OTTER TRAWL	11-12-64	42-47	70-36	75	SILT-CLAY
ALBATROSS IV	64-13	25	OTTER TRAWL	11-13-64	43-13	68-35	176	SILT-CLAY
ALBATROSS IV	64-13	49	OTTER TRAWL	11-16-64	42-24	67-54	186	GRAVEL
ALBATROSS IV	64-1	3	OTTER TRAWL	01-17-64	42-18	70-08	73	
ALBATROSS IV	64-1	10	OTTER TRAWL	01-17-64	42-52	70-38	60	
ALBATROSS IV	64-1	10	OTTER TRAWL	01-17-64	42-52	70-38	60	

TABLE 176 CONT'D

SCAPHANDER PUNCTOSTRIATUS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	64-1	12	OTTER TRAWL	01-17-64	43-12	70-19	91	
ALBATROSS IV	64-1	18	OTTER TRAWL	01-18-64	42-43	69-04	166	
ALBATROSS IV	64-1	114	OTTER TRAWL	02-05-64	41-42	68-47	155	
ALBATROSS IV	64-10	134	OTTER TRAWL	08-17-64	43-24	68-31	163	
ALBATROSS IV	64-10	147	OTTER TRAWL	08-19-64	43-48	67-07	141	
ALBATROSS IV	65-11	40	1-METER NAT. DREDGE	08-22-65	40-30	67-42	421	SAND
ALBATROSS IV	65-11	53	1-METER NAT. DREDGE	08-24-65	42-54	66-41	201	SAND
ALBATROSS IV	65-11	56	1-METER NAT. DREDGE	08-24-65	43-10	67-30	188	SAND
ALBATROSS IV	65-11	56	1-METER NAT. DREDGE	08-24-65	43-10	67-30	188	SAND
ALBATROSS IV	65-11	57	1-METER NAT. DREDGE	08-24-65	42-40	67-30	201	GRAVELLY SA
ALBATROSS IV	65-14	12	OTTER TRAWL	10-07-65	43-42	69-25	95	
ALBATROSS IV	65-14	36	OTTER TRAWL	10-11-65	41-52	68-45	152	
ALBATROSS IV	66-14	12	OTTER TRAWL	10-14-66	42-34	70-09	88	
ALBATROSS IV	66-9	1008	1-METER NAT. DREDGE	07-16-66	42-08	65-42	315	TILLOID
ALBATROSS IV	68-12	157	1-METER NAT. DREDGE	08-18-68	44-12	67-45	128	SILT-CLAY
ALBATROSS IV	68-12	220	1-METER NAT. DREDGE	08-21-68	42-40	69-51	256	TILLOID
ALBATROSS IV	68-12	222	1-METER NAT. DREDGE	08-21-68	42-40	70-08	95	TILLOID
ALBATROSS IV	74-7	57	1-METER NAT. DREDGE	07-20-74	40-19	67-27	1170	
ALBATROSS IV	74-7	58	1-METER NAT. DREDGE	07-21-74	40-08	68-19	982	

TOTAL SAMPLES 85

TABLE 177

SEILA ADAMSI

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	11	1007	CAMPBELL GRAB	04-30-63	41-27	70-42	37.	SANDY GRAVEL

TOTAL SAMPLES 1

TABLE 178 **SOLARIELLA LAMELLOSA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	61-10	47	SMITH MCINTYRE GRAB	06-24-61	43-10	66-45	165	SHELL
GOSNOLD	13	1060	CAMPBELL GRAB	05-10-63	40-20	68-31	123	SAND

TOTAL SAMPLES 2

TABLE 179 **SOLARIELLA OBSCURA**

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	47	1	OTTER TRAWL	04-12-53	41-15	66-41	70	
		5		02-28-54	41-45	66-35	68	
ALBATROSS III	60	1	FISH STOMACHS	04-19-55	42-42	70-09	115	
ALBATROSS III	56	16	OTTER TRAWL	02-06-55	40-49	67-56	70	
ALBATROSS III	67	1	PETERSEN GRAB	10-03-55	41-00	70-48	44	SAND
ALBATROSS III	67	1	PETERSEN GRAB	10-03-55	41-00	70-48	44	SAND
ALBATROSS III	67	1	PETERSEN GRAB	10-05-55	41-00	70-48	42	SAND
ALBATROSS III	70	9	DIGBY DRAG	12-08-55	41-06	66-39	79	SAND
ALBATROSS III	70	11	DIGBY DRAG	12-08-55	41-37	66-38	80	SAND
ALBATROSS III	70	27	1-METER SLED NET	12-12-55	42-11	67-18	179	SAND
ALBATROSS III	70	50	DIGBY DRAG	12-17-55	41-37	66-16	91	SAND
ALBATROSS III	70	57	DIGBY DRAG	12-19-55	41-38	69-38	68	SAND
DELAWARE	55-2	8	FISH STOMACHS	01-24-55	41-08	66-26	128	
ALBATROSS III	80	4	DIGBY DRAG	08-14-56	42-09	66-52	102	GRAVELLY SAN
ALBATROSS III	80	7	DIGBY DRAG	08-17-56	41-06	68-52	95	SAND
ALBATROSS III	80	7	DIGBY DRAG	08-17-56	41-06	68-52	95	SAND
ALBATROSS III	101	122	SMITH MCINTYRE GRAB	08-26-57	42-10	66-20	192	SAND
ALBATROSS III	101	128	SMITH MCINTYRE GRAB	08-26-57	41-45	66-20	79	SAND
ALBATROSS III	101	129	SMITH MCINTYRE GRAB	08-26-57	41-41	66-20	86	SAND
ALBATROSS III	101	135	SMITH MCINTYRE GRAB	08-26-57	41-24	66-00	238	GRAVELLY SAND
ALBATROSS III	101	182	SMITH MCINTYRE GRAB	08-28-57	40-46	67-52	70	SAND
ALBATROSS III	101	183	SMITH MCINTYRE GRAB	08-28-57	40-48	67-58	70	SAND
ALBATROSS III	101	210	SMITH MCINTYRE GRAB	08-29-57	41-30	68-35	102	SAND
ALBATROSS III	122	1	1-METER NAT. DREDGE	11-17-58	42-12	70-09	44	SHELLY SAND
ALBATROSS III	122	2	1-METER NAT. DREDGE	11-17-58	42-14	70-04	97	GRAVEL
ALBATROSS III	122	3	1-METER NAT. DREDGE	11-17-58	42-16	70-00	104	GRAVEL
ALBATROSS III	122	16	1-METER NAT. DREDGE	11-19-58	41-59	69-53	70	SHELLY GRAVE
ALBATROSS III	122	18	1-METER NAT. DREDGE	11-19-58	42-06	69-58	99	GRAVEL
ALBATROSS III	122	30	1-METER NAT. DREDGE	11-21-58	42-04	70-00	53	GRAVEL
ALBATROSS III	122	31	1-METER NAT. DREDGE	11-21-58	42-07	70-02	53	SAND
ALBATROSS III	122	31	1-METER NAT. DREDGE	11-21-58	42-07	70-02	53	SAND
ALBATROSS III	122	32	1-METER NAT. DREDGE	11-21-58	42-08	70-03	48	SAND
SHIRLEY & ROLAND	2	1	FISH STOMACHS	09-14-58	42-15	70-00	100	SAND-GRAVEL

TABLE 179 CONT'D

SOLARIELLA OBSCURA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
SILVER MINK	1	1	FISH STOMACHS	02-12-58	42-15	70-00	100	SAND-GRAVEL
SILVER MINK	7	1	FISH STOMACHS	11-13-58	42-15	70-00	100	SAND-GRAVEL
		2	SCALLOP DREDGE	03-26-59	40-57	67-24	73	
DELAWARE	59-9	71	1-METER NAT. DREDGE	08-07-59	43-03	65-30	128	GRAVEL
DELAWARE	59-9	92	SMITH MCINTYRE GRAB	08-08-59	42-43	66-02	79	SANDY GRAVEL
DELAWARE	59-9	100	1-METER NAT. DREDGE	08-08-59	42-41	66-28	146	SAND
DELAWARE	59-9	113	SMITH MCINTYRE GRAB	08-09-59	42-41	67-56	179	GRAVELLY SAN
DELAWARE	59-9	132	1-METER NAT. DREDGE	08-10-59	42-41	70-05	114	GRAVEL
SILVER MINK	1	1	FISH STOMACHS	01-15-59	42-15	70-00	100	SAND-GRAVEL
DELAWARE	61-10	2	1-METER NAT. DREDGE	06-20-61	42-50	70-15	70	
DELAWARE	61-10	2	SMITH MCINTYRE GRAB	06-20-61	42-50	70-15	70	
DELAWARE	61-10	18	1-METER NAT. DREDGE	06-22-61	43-00	66-45	212	
DELAWARE	61-10	97	1-METER NAT. DREDGE	06-28-61	44-00	66-30	119	SHELLY GRAVE
DELAWARE	61-10	97	1-METER NAT. DREDGE	06-28-61	44-00	66-30	119	SHELLY GRAVE
GOSNOLD	12	1023	CAMPBELL GRAB	05-03-63	43-29	70-17	45	SAND
GOSNOLD	13	1071	CAMPBELL GRAB	05-12-63	39-52	71-32	346	SANDY SILT
GOSNOLD	22	1107	CAMPBELL GRAB	08-06-63	40-30	69-15	74	SAND
GOSNOLD	22	1133	CAMPBELL GRAB	08-08-63	42-20	66-03	261	GRAVELLY SAN
GOSNOLD	22	1143	CAMPBELL GRAB	08-09-63	42-41	64-30	136	SAND
GOSNOLD	22	1143	CAMPBELL GRAB	08-09-63	42-41	64-30	136	SAND
GOSNOLD	22	1153	CAMPBELL GRAB	08-10-63	42-50	65-33	136	SAND
GOSNOLD	24	1231	CAMPBELL GRAB	08-30-63	43-01	65-00	146	SAND
GOSNOLD	29	1275	CAMPBELL GRAB	10-10-63	40-40	71-46	59	GRAVELLY SAN
GOSNOLD	29	1276	CAMPBELL GRAB	10-10-63	40-41	72-01	51	SAND
GOSNOLD	29	1340	CAMPBELL GRAB	10-15-63	39-10	73-15	64	SHELLY SAND
GOSNOLD	29	1364	CAMPBELL GRAB	10-19-63	38-31	73-31	79	SAND
GOSNOLD	29	1364	CAMPBELL GRAB	10-19-63	38-31	73-31	79	SAND
GOSNOLD	29	1364	CAMPBELL GRAB	10-19-63	38-31	73-31	79	SAND
GOSNOLD	29	1371	CAMPBELL GRAB	10-25-63	39-04	72-40	446	SAND
GOSNOLD	29	1390	CAMPBELL GRAB	10-26-63	40-30	72-58	40	SAND
ALBATROSS IV	63-7	158	OTTER TRAWL	12-11-63	40-20	72-43	51	
ALBATROSS IV	63-7	164	OTTER TRAWL	12-11-63	39-29	72-45	73	
GOSNOLD	[illegible]	2042	CAMPBELL GRAB	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TABLE 179 CONT'D

SOLARIELLA OBSCURA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	49	2139	CAMPBELL GRAB	08-17-64	39-56	70-26	440	SAND
GOSNOLD	49	2160	CAMPBELL GRAB	08-20-64	39-59	69-06	400	SANDY SILT
GOSNOLD	49	2175	CAMPBELL GRAB	08-22-64	40-04	68-33	505	SAND
GOSNOLD	49	2196	CAMPBELL GRAB	08-28-64	41-04	66-24	720	SILTY SAND
GOSNOLD	51	2202	CAMPBELL GRAB	09-18-64	41-27	65-56	617	SAND
ALBATROSS IV	64-1	3	OTTER TRAWL	01-17-64	42-18	70-08	73	
ALBATROSS IV	65-13	2	RING OR STRAMIN NET	09-23-65	40-46	68-08	70	SAND
ALBATROSS IV	65-13	12	RING OR STRAMIN NET	09-23-65	40-42	67-52	80	SAND
ALBATROSS IV	65-13	27	RING OR STRAMIN NET	09-24-65	40-48	67-37	75	SAND
ALBATROSS IV	65-13	59	RING OR STRAMIN NET	09-25-65	40-55	67-02	86	SAND
ALBATROSS IV	65-13	61	RING OR STRAMIN NET	09-25-65	41-12	66-32	93	SAND
ALBATROSS IV	65-13	87	RING OR STRAMIN NET	09-26-65	41-28	66-37	80	SAND
ALBATROSS IV	65-11	2	1-METER NAT. DREDGE	08-17-65	41-10	71-00	33	SAND
ALBATROSS IV	65-11	3	RING OR STRAMIN NET	08-17-65	40-58	70-59	49	SAND
ALBATROSS IV	65-11	3	1-METER NAT. DREDGE	08-17-65	40-58	70-59	49	SAND
ALBATROSS IV	65-11	3	SMITH MCINTYRE GRAB	08-17-65	40-58	70-59	49	SAND
ALBATROSS IV	65-11	3	SMITH MCINTYRE GRAB	08-17-65	40-58	70-59	49	SAND
ALBATROSS IV	65-11	11	RING OR STRAMIN NET	08-19-65	39-58	71-00	458	SILT
ALBATROSS IV	65-11	26	1-METER NAT. DREDGE	08-20-65	40-42	70-00	40	SAND
ALBATROSS IV	65-11	35	SMITH MCINTYRE GRAB	08-21-65	40-35	68-44	66	SAND
ALBATROSS IV	65-11	35	RING OR STRAMIN NET	08-21-65	40-35	68-44	66	SAND
ALBATROSS IV	65-11	36	RING OR STRAMIN NET	08-21-65	40-43	68-36	55	SAND
ALBATROSS IV	65-11	38	1-METER NAT. DREDGE	08-21-65	40-46	68-16	55	SAND
ALBATROSS IV	65-11	40	RING OR STRAMIN NET	08-22-65	40-30	67-42	421	SAND
ALBATROSS IV	65-11	40	1-METER NAT. DREDGE	08-22-65	40-30	67-42	421	SAND
ALBATROSS IV	65-11	45	SCALLOP DREDGE	08-22-65	41-14	66-38	82	SAND
ALBATROSS IV	65-11	47	RING OR STRAMIN NET	08-23-65	41-39	66-09	92	SAND
ALBATROSS IV	65-11	50	RING OR STRAMIN NET	08-23-65	42-16	66-44	251	SAND
ALBATROSS IV	65-11	64	RING OR STRAMIN NET	08-26-65	42-46	69-17	73	GRAVELLY SAN
ALBATROSS IV	65-11	67	RING OR STRAMIN NET	08-26-65	42-59	70-02	55	TILLOID
ALBATROSS IV	65-11	70	RING OR STRAMIN NET	08-26-65	42-23	70-22	31	SILT
ALBATROSS IV	65-11	70	1-METER NAT. DREDGE	08-26-65	42-23	70-22	31	SILT
ALBATROSS IV	66-9	1004	1-METER NAT. DREDGE	07-15-66	42-11	65-50	247	GRAVEL

TABLE 179 CONT'D

SOLARIELLA OBSCURA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	66-9	1006	1-METER NAT. DREDGE	07-16-66	42-16	65-44	216	GRAVEL
ALBATROSS IV	66-9	1008	1-METER NAT. DREDGE	07-16-66	42-08	65-42	315	TILLOID
ALBATROSS IV	66-9	1008	1-METER NAT. DREDGE	07-16-66	42-08	65-42	315	TILLOID
ALBATROSS IV	66-9	1011	1-METER NAT. DREDGE	07-16-66	42-02	65-47	256	SANDY GRAVEL
ALBATROSS IV	66-9	1012	1-METER NAT. DREDGE	07-16-66	41-58	65-51	183	SANDY GRAVEL
ALBATROSS IV	67-19	1	OTTER TRAWL	10-12-67	42-28	70-15	55	
ALBATROSS IV	67-6	2	1-METER NAT. DREDGE	04-05-67	40-54	67-30	75	SILTY SAND
ALBATROSS IV	67-6	12	1-METER NAT. DREDGE	04-07-67	40-40	68-01	84	SAND
ALBATROSS IV	68-12	8	1-METER NAT. DREDGE	08-12-68	41-29	69-35	35	SANDY GRAVE
ALBATROSS IV	68-12	11	1-METER NAT. DREDGE	08-12-68	41-20	69-22	49	SAND
ALBATROSS IV	68-12	12	1-METER NAT. DREDGE	08-13-68	41-15	69-22	58	SAND
ALBATROSS IV	68-12	18	1-METER NAT. DREDGE	08-13-68	40-54	69-44	37	SAND
ALBATROSS IV	68-12	22	1-METER NAT. DREDGE	08-13-68	40-44	69-30	46	SAND
ALBATROSS IV	68-12	25	1-METER NAT. DREDGE	08-13-68	40-47	69-10	62	SAND
ALBATROSS IV	68-12	27	RING OR STRAMIN NET	08-13-68	40-47	68-58	73	SILTY SAND
ALBATROSS IV	68-12	27	1-METER NAT. DREDGE	08-13-68	40-47	68-58	71	SILTY SAND
ALBATROSS IV	68-12	27	1-METER NAT. DREDGE	08-13-68	40-47	68-58	71	SILTY SAND
ALBATROSS IV	68-12	28	1-METER NAT. DREDGE	08-13-68	40-52	68-59	79	SAND
ALBATROSS IV	68-12	29	1-METER NAT. DREDGE	08-13-68	40-58	68-58	80	SAND
ALBATROSS IV	68-12	31	1-METER NAT. DREDGE	08-13-68	41-08	68-58	97	SILTY SAND
ALBATROSS IV	68-12	32	1-METER NAT. DREDGE	08-13-68	41-13	68-58	102	GRAVELLY SAN
ALBATROSS IV	68-12	42	1-METER NAT. DREDGE	08-14-68	41-34	68-26	55	SAND
ALBATROSS IV	68-12	43	1-METER NAT. DREDGE	08-14-68	41-40	68-26	55	SAND
ALBATROSS IV	68-12	57	1-METER NAT. DREDGE	08-14-68	42-16	67-17	267	TILLOID
ALBATROSS IV	68-12	69	1-METER NAT. DREDGE	08-15-68	42-27	66-08	247	GRAVEL
ALBATROSS IV	68-12	71	1-METER NAT. DREDGE	08-15-68	42-27	65-54	174	SANDY GRAVEL
ALBATROSS IV	68-12	75	1-METER NAT. DREDGE	08-15-68	42-07	65-56	220	GRAVEL
ALBATROSS IV	68-12	76	1-METER NAT. DREDGE	08-15-68	42-01	65-56	172	GRAVELLY SAN
ALBATROSS IV	68-12	76	1-METER NAT. DREDGE	08-15-68	42-01	65-56	172	GRAVELLY SAN
ALBATROSS IV	68-12	77	1-METER NAT. DREDGE	08-15-68	41-58	65-49	183	GRAVELLY SAN
ALBATROSS IV	68-12	87	1-METER NAT. DREDGE	08-16-68	42-18	65-28	113	SANDY GRAVEL
ALBATROSS IV	68-12	88	1-METER NAT. DREDGE	08-16-68	42-23	65-32	91	SANDY GRAVEL
ALBATROSS IV	68-12	91	1-METER NAT. DREDGE	08-16-68	42-33	65-36	44	SAND

ALBATROSS IV	68-12	88	1-METER NAT. DREDGE	08-16-68	42-23	65-32	91	SANDY GRAVEL
ALBATROSS IV	68-12	91	1-METER NAT. DREDGE	08-16-68	42-33	65-46	88	SAND

TABLE 179 CONT'D

SOLARIELLA OBSCURA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	68-12	102	1-METER NAT. DREDGE	08-16-68	42-56	65-41	137	SHELLY GRAVE
ALBATROSS IV	68-12	103	1-METER NAT. DREDGE	08-16-68	42-57	65-35	119	GRAVEL
ALBATROSS IV	68-12	105	1-METER NAT. DREDGE	08-17-68	43-06	65-34	101	SHELLY SAND
ALBATROSS IV	68-12	128	1-METER NAT. DREDGE	08-17-68	43-46	66-34	93	GRAVEL
ALBATROSS IV	68-12	135	1-METER NAT. DREDGE	08-18-68	44-06	66-26	73	GRAVELLY SAN
ALBATROSS IV	68-12	139	1-METER NAT. DREDGE	08-18-68	44-16	66-28	201	GRAVEL
ALBATROSS IV	68-12	168	DIGBY DRAG	08-19-68	44-00	68-08	73	SILTY SAND
ALBATROSS IV	68-12	187	1-METER NAT. DREDGE	08-19-68	43-39	69-48	46	SHELLY SAND
ALBATROSS IV	68-12	228	1-METER NAT. DREDGE	08-21-68	42-26	70-42	55	TILLOID

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TABLE 180 **SOLARIELLA** SP

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	29	1297	CAMPBELL GRAB	10-12-63	39-59	72-45	56	SAND
GOSNOLD	29	1335	CAMPBELL GRAB	10-15-63	39-10	72-30	406	SILTY SAND
ALBATROSS IV	65-11	3	SMITH MCINTYRE GRAB	08-17-65	40-58	70-59	49	SAND

TOTAL SAMPLES 3

TABLE 181 **STILIFER STIMPSONI** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	80	3	DIGBY DRAG	08-13-56	41-54	65-57	108	SAND
DELAWARE	59-9	62	1-METER NAT. DREDGE	08-07-59	42-25	66-05	249	GRAVEL
ALBATROSS IV	65-11	28	SCALLOP DREDGE	08-20-65	40-30	69-38	68	SAND
ALBATROSS IV	65-11	41	SCALLOP DREDGE	08-22-65	40-44	67-37	80	SAND
ALBATROSS IV	67-12	29	SCALLOP DREDGE	07-06-67	40-45	67-42	68	SAND
ALBATROSS IV	67-12	33	SCALLOP DREDGE	07-07-67	40-48	67-38	73	SAND
ALBATROSS IV	67-12	50	SCALLOP DREDGE	07-07-67	40-52	67-13	88	SAND
ALBATROSS IV	67-12	58	SCALLOP DREDGE	07-07-67	40-58	67-10	82	SAND
ALBATROSS IV	67-12	62	SCALLOP DREDGE	07-08-67	41-12	66-37	86	SAND
ALBATROSS IV	67-12	78	SCALLOP DREDGE	07-08-67	41-22	66-22	95	SAND
ALBATROSS IV	67-12	93	SCALLOP DREDGE	07-08-67	41-32	66-18	88	SAND
ALBATROSS IV	67-12	94	SCALLOP DREDGE	07-08-67	41-32	66-14	88	SAND

TOTAL SAMPLES 12

TABLE 182 **TACHYRHYNCHUS EROSA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	59-9	71	1-METER NAT. DREDGE	08-07-59	43-03	65-30	128	GRAVEL
DELAWARE	59-9	91	SMITH MCINTYRE GRAB	08-08-59	42-40	65-56	86	SANDY GRAVEL
DELAWARE	59-9	96	SMITH MCINTYRE GRAB	08-08-59	42-53	66-25	146	SHELLY SAND
DELAWARE	59-9	132	1-METER NAT. DREDGE	08-10-59	42-41	70-05	114	GRAVEL
DELAWARE	61-10	22	1-METER NAT. DREDGE	06-22-61	43-00	67-45	141	TILLOID
DELAWARE	61-10	36	1-METER NAT. DREDGE	06-23-61	43-10	69-30	156	TILLOID
DELAWARE	61-10	44	1-METER NAT. DREDGE	06-24-61	43-10	67-30	211	TILLOID
DELAWARE	61-10	48	1-METER NAT. DREDGE	06-24-61	43-11	66-31	92	SHELL
DELAWARE	61-10	50	1-METER NAT. DREDGE	06-24-61	43-20	66-45	156	SAND
DELAWARE	61-10	88	1-METER NAT. DREDGE	06-27-61	43-40	68-59	114	SILTY CLAY
DELAWARE	61-10	89	1-METER NAT. DREDGE	06-27-61	43-50	68-31	137	SILTY CLAY
GOSNOLD	12	1018	CAMPBELL GRAB	05-03-63	43-00	70-30	95	CLAYEY SILT
GOSNOLD	22	1140	CAMPBELL GRAB	08-09-63	42-41	65-02	109	SAND
GOSNOLD	22	1153	CAMPBELL GRAB	08-10-63	42-50	65-33	136	SAND
GOSNOLD	24	1236	CAMPBELL GRAB	08-31-63	43-11	65-29	106	SAND
ALBATROSS IV	65-11	56	1-METER NAT. DREDGE	08-24-65	43-10	67-30	188	SAND
ALBATROSS IV	68-12	172	1-METER NAT. DREDGE	08-19-68	43-56	68-34	88	SILT-CLAY
ALBATROSS IV	68-12	184	1-METER NAT. DREDGE	08-19-68	43-42	69-30	137	CLAYEY SILT
ALBATROSS IV	68-12	185	1-METER NAT. DREDGE	08-19-68	43-40	69-35	82	TILLOID

TOTAL SAMPLES 19

TABLE 183 **TACHYRHYNCHUS RETICULATUS** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	61-10	48	SMITH MCINTYRE GRAB	06-24-61	43-11	66-31	92	SHELL
GOSNOLD	22	1186	CAMPBELL GRAB	08-14-63	43-29	67-29	90	CLAYEY SILT

TOTAL SAMPLES 2

TABLE 184 TONNA SP PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	13	1069	CAMPBELL GRAB	05-12-63	40-10	71-32	89	SILTY SAND
GOSNOLD	49	2086	CAMPBELL GRAB	08-08-64	36-50	74-00	2515	SILTY CLAY

TOTAL SAMPLES 2

TABLE 185 **TORELLIA VESTITA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	63-5	34	OTTER TRAWL	07-22-63	42-58	67-01	216	
ALBATROSS IV	74-7	43	OTTER TRAWL	07-18-74	40-32	67-02	422	

TOTAL SAMPLES 2

TABLE 186

TRICHOTROPIS BOREALIS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		13	MISC. GEAR	08-07-53	49-10	64-35	146	
	5	3	FISH STOMACHS	06-29-54	42-04	66-17	84	
ALBATROSS III	122	2	1-METER NAT. DREDGE	11-17-58	42-14	70-04	97	GRAVEL
ALBATROSS III	122	3	1-METER NAT. DREDGE	11-18-58	42-16	70-00	106	MUDDY SAND
ALBATROSS III	122	7	1-METER NAT. DREDGE	11-18-58	42-17	70-06	91	GRAVEL
DELAWARE	59-9	60	SMITH MCINTYRE GRAB	08-07-59	42-34	66-04	73	GRAVEL
DELAWARE	61-10	99	1-METER NAT. DREDGE	06-28-61	44-00	67-00	119	GRAVEL
DELAWARE	61-10	107	SMITH MCINTYRE GRAB	06-29-61	43-29	68-16	183	SAND-SILT-CL
ASTERIAS	64-2	1904	SMITH MCINTYRE GRAB	07-08-64	44-21	68-09	47	SANDY MUD
ALBATROSS IV	68-12	223	1-METER NAT. DREDGE	08-21-68	42-40	70-16	48	GRAVEL
ALBATROSS IV	68-12	234	1-METER NAT. DREDGE	08-21-68	42-12	70-26	64	SILT-CLAY

TOTAL SAMPLES 11

TABLE 187

TURBONILLA AEQUALIS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	11	1007	CAMPBELL GRAB	04-30-63	41-27	70-42	37	SANDY GRAVEL
GOSNOLD	11	1008	CAMPBELL GRAB	04-30-63	41-22	70-48	26	SAND
GOSNOLD	13	1060	CAMPBELL GRAB	05-10-63	40-20	68-31	123	SAND

TOTAL SAMPLES 3

TABLE 188 **TURBONILLA AREOLATA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
	1	1	FISH STOMACHS	08-19-54	41-13	69-22	53	
ALBATROSS III	124	2	1-METER SLED NET	12-16-58	41-28	70-43	22	
GOSNOLD	11	1008	CAMPBELL GRAB	04-30-63	41-22	70-48	26	SAND
GOSNOLD	29	1364	CAMPBELL GRAB	10-19-63	38-31	73-31	79	SAND
GOSNOLD	49	2057	CAMPBELL GRAB	08-05-64	36-48	75-45	22	GRAVELLY SAN

TOTAL SAMPLES 5

TABLE 189

TURBONILLA BUSHIANA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	61-10	70	1-METER NAT. DREDGE	06-26-61	43-30	68-15	174	SAND-SILT-CL
GOSNOLD	13	1071	CAMPBELL GRAB	05-12-63	39-52	71-32	346	SANDY SILT
GOSNOLD	22	1124	CAMPBELL GRAB	08-07-63	41-00	66-30	114	SAND
GOSNOLD	22	1186	CAMPBELL GRAB	08-14-63	43-29	67-29	90	CLAYEY SILT
GOSNOLD	49	2088	CAMPBELL GRAB	08-08-64	37-11	74-15	16	SILTY CLAY
GOSNOLD	49	2173	CAMPBELL GRAB	08-22-64	40-06	68-18	1445	SANDY SILT

TOTAL SAMPLES 6

TABLE 190 **TURBONILLA ELEGANTULA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		5		02-28-54	41-45	66-35	68	
DELAWARE	59-9	2	SMITH MCINTYRE GRAB	08-05-59	42-00	69-47	139	SAND
DELAWARE	59-9	29	SMITH MCINTYRE GRAB	08-06-59	42-25	67-48	196	SAND
DELAWARE	59-9	80	SMITH MCINTYRE GRAB	08-08-59	42-22	65-16	117	SAND
DELAWARE	59-9	115	SMITH MCINTYRE GRAB	08-09-59	42-41	68-10	185	CLAYEY SILT
DELAWARE	59-9	119	SMITH MCINTYRE GRAB	08-09-59	42-41	68-37	192	CLAYEY SAND
DELAWARE	61-1	2	OTTER TRAWL	01-26-61	40-02	70-47	161	SAND-SILT
DELAWARE	61-10	34	1-METER NAT. DREDGE	06-23-61	43-09	70-00	121	
DELAWARE	61-10	99	1-METER NAT. DREDGE	06-28-61	44-00	67-00	119	GRAVEL
		9311	MISC. GEAR	08-02-62	41-33	70-33	1	
GOSNOLD	10	1002	CAMPBELL GRAB	04-26-63	41-29	70-46	10	SAND
GOSNOLD	10	1004	CAMPBELL GRAB	04-26-63	41-28	70-52	22	SILTY SAND
GOSNOLD	10	1005	CAMPBELL GRAB	04-26-63	41-28	70-52	22	SANDY SILT
GOSNOLD	10	1005	CAMPBELL GRAB	04-26-63	41-28	70-52	22	SANDY SILT
GOSNOLD	11	1007	CAMPBELL GRAB	04-30-63	41-27	70-42	37	SANDY GRAVEL
GOSNOLD	13	1060	CAMPBELL GRAB	05-10-63	40-20	68-31	123	SAND
GOSNOLD	13	1069	CAMPBELL GRAB	05-12-63	40-10	71-32	89	SILTY SAND
GOSNOLD	13	1074	CAMPBELL GRAB	05-12-63	39-43	71-53	225	SAND
GOSNOLD	22	1171	CAMPBELL GRAB	08-11-63	44-51	66-46	141	SILTY CLAY
GOSNOLD	29	1346	CAMPBELL GRAB	10-16-63	39-10	74-31	23	SAND
GOSNOLD	29	1364	CAMPBELL GRAB	10-19-63	38-31	73-31	79	SAND
ASTERIAS	64-2	1934	SMITH MCINTYRE GRAB	07-20-64	41-36	71-23	9	SANDY SILT
ASTERIAS	64-2	1965	SMITH MCINTYRE GRAB	07-27-64	39-00	74-45	15	SAND
ASTERIAS	64-2	1988	SMITH MCINTYRE GRAB	08-01-64	37-37	76-03	15	SAND
ALBATROSS IV	65-11	5	SMITH MCINTYRE GRAB	08-18-65	40-41	71-00	59	SAND-SILT
ALBATROSS IV	65-11	8	RING OR STRAMIN NET	08-18-65	40-10	71-00	139	SAND
ALBATROSS IV	65-11	8	RING OR STRAMIN NET	08-18-65	40-10	71-00	139	SAND
ALBATROSS IV	65-11	58	RING OR STRAMIN NET	08-25-65	42-34	67-49	232	SILT-CLAY
ALBATROSS IV	65-11	68	RING OR STRAMIN NET	08-26-65	42-52	70-20	55	CLAY

TABLE 191

TURBONILLA INTERRUPTA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		9301	DIP NET	01-21-62	41-31	70-41	1	SAND
GOSNOLD	29	1366	CAMPBELL GRAB	10-19-63	38-31	73-20	114	SAND
GOSNOLD	29	1366	CAMPBELL GRAB	10-19-63	38-31	73-20	114	SAND
GOSNOLD	45	1428	CAMPBELL GRAB	05-17-64	36-20	75-14	30	SAND
GOSNOLD	45	1428	CAMPBELL GRAB	05-17-64	36-20	75-14	30	SAND
GOSNOLD	45	1428	CAMPBELL GRAB	05-17-64	36-20	75-14	30	SAND
GOSNOLD	45	1429	CAMPBELL GRAB	05-17-64	36-10	75-15	25	SAND
GOSNOLD	45	1433	CAMPBELL GRAB	05-17-64	35-31	75-15	28	SAND
GOSNOLD	49	2028	CAMPBELL GRAB	08-03-64	38-40	74-30	35	SAND
GOSNOLD	49	2044	CAMPBELL GRAB	08-04-64	37-30	75-16	30	SAND
GOSNOLD	49	2064	CAMPBELL GRAB	08-06-64	36-00	75-30	23	SAND
ALBATROSS IV	65-11	46	RING OR STRAMIN NET	08-23-65	41-17	66-11	103	GRAVELLY SAN
ASTERIAS	65-1	2262	SMITH MCINTYRE GRAB	05-20-65	32-47	79-39	11	SAND

TOTAL SAMPLES 13

TABLE 192 **TURBONILLA NIVEA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	59-9	62	1-METER NAT. DREDGE	08-07-59	42-25	66-05	249	GRAVEL
GOSNOLD	13	1060	CAMPBELL GRAB	05-10-63	40-20	68-31	123	SAND
GOSNOLD	13	1076	CAMPBELL GRAB	05-13-63	39-49	72-14	89	SAND

TOTAL SAMPLES 3

TABLE 193 **TURBONILLA POLITA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	56	72	OTTER TRAWL	02-08-55	42-08	67-39	179	
DELAWARE	60-12	68	OTTER TRAWL	11-12-60	42-07	65-31	182	
GOSNOLD	29	1364	CAMPBELL GRAB	10-19-63	38-31	73-31	79	SAND
GOSNOLD	29	1364	CAMPBELL GRAB	10-19-63	38-31	73-31	79	SAND
GOSNOLD	45	1868	CAMPBELL GRAB	06-27-64	35-13	74-59	45	SILTY SAND
GOSNOLD	49	2190	CAMPBELL GRAB	08-27-64	40-31	67-01	1000	SILTY SAND
ALBATROSS IV	65-11	11	SMITH MCINTYRE GRAB	08-19-65	39-58	71-00	458	SILT

TOTAL SAMPLES 7

TABLE 194

TURBONILLA RATHBUNI

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		18		12-21-53	42-12	68-03	238	
ALBATROSS III	69	8	DIGBY DRAG	11-17-55	40-35	67-59	84	GRAVEL
ALBATROSS III	70	41	DIGBY DRAG	12-15-55	42-10	68-16	196	SILT-CLAY
DELAWARE	61-10	36	1-METER NAT. DREDGE	06-23-61	43-10	69-30	156	TILLOID
DELAWARE	61-10	58	1-METER NAT. DREDGE	06-25-61	43-20	68-45	119	MUDDY SAND
GOSNOLD	13	1071	CAMPBELL GRAB	05-12-63	39-52	71-32	346	SANDY SILT
GOSNOLD	29	1306	CAMPBELL GRAB	10-13-63	39-51	72-46	55	SAND
GOSNOLD	29	1309	CAMPBELL GRAB	10-13-63	39-40	72-45	72	SAND
GOSNOLD	29	1356	CAMPBELL GRAB	10-19-63	38-50	73-00	102	SAND
GOSNOLD	29	1366	CAMPBELL GRAB	10-19-63	38-31	73-20	114	SAND
GOSNOLD	29	1366	CAMPBELL GRAB	10-19-63	38-31	73-20	114	SAND
ALBATROSS IV	66-1	15	OTTER TRAWL	01-20-66	43-15	68-55	148	CLAY

TOTAL SAMPLES 12

TABLE 195 TURBONILLA SP PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
GOSNOLD	11	1007	CAMPBELL GRAB	04-30-63	41-27	70-42	37	SANDY GRAVEL
GOSNOLD	13	1057	CAMPBELL GRAB	05-09-63	41-05	70-00	28	SAND
GOSNOLD	24	1234	CAMPBELL GRAB	08-31-63	43-11	65-00	168	CLAYEY SILT
GOSNOLD	29	1364	CAMPBELL GRAB	10-19-63	38-31	73-31	79	SAND
GOSNOLD	29	1390	CAMPBELL GRAB	10-26-63	40-30	72-58	40	SAND
GOSNOLD	49	2052	CAMPBELL GRAB	08-05-64	36-50	75-15	29	SAND
ALBATROSS IV	65-11	5	SMITH MCINTYRE GRAB	08-18-65	40-41	71-00	59	SILT
ALBATROSS IV	65-11	57	RING OR STRAMIN NET	08-24-65	42-40	67-30	201	GRAVELLY SAN
ASTERIAS	65-1	2273	SMITH MCINTYRE GRAB	05-23-65	31-42	01-07	13	SAND

TOTAL SAMPLES 9

TABLE 196 **TURRITELLOPSIS ACICULA** PAGE 1

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
DELAWARE	61-10	47	SMITH MCINTYRE GRAB	06-24-61	43-10	66-45	165	SHELL
DELAWARE	61-10	48	SMITH MCINTYRE GRAB	06-24-61	43-11	66-31	92	SHELL
GOSNOLD	22	1198	CAMPBELL GRAB	08-16-63	42-40	70-16	85	GRAVEL
GOSNOLD	29	1270	CAMPBELL GRAB	10-09-63	40-01	70-16	266	SILTY SAND
ALBATROSS IV	65-11	54	RING OR STRAMIN NET	08-24-65	43-10	66-40	114	GRAVEL

TOTAL SAMPLES 5

TABLE 197

UROSALPINX CINEREUS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	119	64	OTTER TRAWL	10-14-58	41-39	67-40	35	
		9102	DIP NET	04-30-60	41-42	70-18	1	SILTY SAND
		9203	MISC. GEAR	08-14-60	41-47	69-58	1	
		9301	MISC. GEAR	12-18-61	41-31	70-41	0	
BLUEBACK	62-1	1	1-METER SLED NET	04-05-62	41-28	70-38	3	SAND
GOSNOLD	10	1006	CAMPBELL GRAB	04-26-63	41-32	70-47	18	SAND-SILT-CL
		9402	6 FOOT SEINE	10-04-64	41-41	70-39	1	MUDDY SAND
		9402	6 FOOT SEINE	10-14-64	41-41	70-38	1	SAND-SILT-CL
ALBATROSS IV	68-12	1	1-METER NAT. DREDGE	08-12-68	41-28	70-28	16	SAND
ALBATROSS IV	68-12	2	1-METER NAT. DREDGE	08-12-68	41-28	70-20	13	SAND

TOTAL SAMPLES 10

TABLE 198

VELUTINA LAEVIGATA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
	7	2	FISH STOMACHS	08-21-54	44-13	67-06	91	
ALBATROSS III	80	3	DIGBY DRAG	08-13-56	41-54	65-57	108	SAND
ALBATROSS III	81	26	OTTER TRAWL	11-05-56	42-58	65-57	128	
ALBATROSS III	82	60	OTTER TRAWL	11-15-56	40-52	66-56	91	
HARENGUS	57-5	2	DUTCH HERR. TRAWL	05-15-57	44-58	66-52	112	
ALBATROSS III	122	18	1-METER NAT. DREDGE	11-19-58	42-06	69-58	99	GRAVEL
ALBATROSS III	122	24	1-METER NAT. DREDGE	11-20-58	41-58	69-51	86	SH SG
ALBATROSS III	122	25	1-METER NAT. DREDGE	11-20-58	41-57	69-48	110	SANDY GRAVEL
ALBATROSS III	122	30	1-METER NAT. DREDGE	11-21-58	42-04	70-00	53	GRAVEL
DELAWARE	59-9	137	SMITH MCINTYRE GRAB	08-10-59	42-30	70-12	68	GRAVEL
DELAWARE	59-12	62	OTTER TRAWL	10-03-59	43-18	66-34	91	
DELAWARE	61-10	2	1-METER NAT. DREDGE	06-20-61	42-50	70-15	70	
DELAWARE	61-10	18	1-METER NAT. DREDGE	06-22-61	43-00	66-45	212	
DELAWARE	61-10	44	1-METER NAT. DREDGE	06-24-61	43-10	67-30	211	TILLOID
DELAWARE	61-10	48	1-METER NAT. DREDGE	06-24-61	43-11	66-31	92	SHELL
DELAWARE	61-10	76	1-METER NAT. DREDGE	06-26-61	43-31	66-46	156	GRAVEL
DELAWARE	61-10	97	1-METER NAT. DREDGE	06-28-61	44-00	66-30	119	SHELLY. GRAVE
DELAWARE	61-10	104	SMITH MCINTYRE GRAB	06-28-61	44-00	68-15	101	SILTY CLAY
DELAWARE	61-10	107	SMITH MCINTYRE GRAB	06-29-61	43-29	68-16	183	SAND-SILT-CL
DELAWARE	61-19	18	OTTER TRAWL	10-28-61	42-55	68-19	161	
DELAWARE	62-7	16	1-METER NAT. DREDGE	06-15-62	40-46	70-00	38	SAND
GOSNOLD	12	1037	CAMPBELL GRAB	05-05-63	44-20	67-29	111	SAND-SILT-CL
GOSNOLD	22	1124	CAMPBELL GRAB	08-07-63	41-00	66-30	114	SAND
GOSNOLD	22	1162	CAMPBELL GRAB	08-10-63	43-51	66-16	45	GRAVELLY SAN
GOSNOLD	22	1176	CAMPBELL GRAB	08-11-63	44-30	66-44	89	GRAVELLY SAN
GOSNOLD	22	1176	CAMPBELL GRAB	08-11-63	44-30	66-44	89	GRAVELLY SAN
GOSNOLD	22	1177	CAMPBELL GRAB	08-11-63	44-21	66-46	193	TILLOID
GOSNOLD	22	1184	CAMPBELL GRAB	08-13-63	43-47	66-33	107	SANDY GRAVEL
ALBATROSS IV	63-7	139	OTTER TRAWL	12-07-63	40-56	68-59	79	
ALBATROSS IV	64-13	23	OTTER TRAWL	11-12-64	43-04	68-52	192	GRAVELLY SAN
ALBATROSS IV	64-13	45	OTTER TRAWL	11-16-64	43-09	67-46	103	GRAVEL
ALBATROSS IV	64-1	12	OTTER TRAWL	01-17-64	43-12	70-19	91	

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	64-1	143	OTTER TRAWL	02-09-64	41-06	69-09	73	
ALBATROSS IV	64-1	144	OTTER TRAWL	02-09-64	40-59	68-56	73	
ALBATROSS IV	64-10	130	OTTER TRAWL	08-17-64	43-38	69-36	86	
ALBATROSS IV	64-10	130	OTTER TRAWL	08-17-64	43-38	69-36	86	
ALBATROSS IV	64-10	147	OTTER TRAWL	08-19-64	43-48	67-07	141	
ALBATROSS IV	64-10	148	OTTER TRAWL	08-19-64	43-51	67-15	183	
ASTERIAS	64-2	1908	SMITH MCINTYRE GRAB	07-10-64	44-11	68-31	28	SILTY SAND
ALBATROSS IV	65-2	2	OTTER TRAWL	02-01-65	42-15	70-20	55	SAND
ALBATROSS IV	65-2	23	OTTER TRAWL	02-09-65	43-00	68-49	172	CLAY
ALBATROSS IV	65-2	36	OTTER TRAWL	02-10-65	44-42	66-19	110	SANDY GRAVE
ALBATROSS IV	65-6	41	SCALLOP DREDGE	05-07-65	42-02	66-28	82	
ALBATROSS IV	65-11	54	RING OR STRAMIN NET	08-24-65	43-10	66-40	114	GRAVEL
ALBATROSS IV	65-11	54	1-METER NAT. DREDGE	08-24-65	43-10	66-40	114	GRAVEL
ALBATROSS IV	65-11	59	1-METER NAT. DREDGE	08-25-65	42-30	68-10	156	SAND
ALBATROSS IV	65-11	68	RING OR STRAMIN NET	08-26-65	42-52	70-20	55	CLAY
ALBATROSS IV	65-11	69	RING OR STRAMIN NET	08-26-65	42-38	70-11	77	SAND
ALBATROSS IV	65-11	70	1-METER NAT. DREDGE	08-26-65	42-23	70-22	31	SILT
ALBATROSS IV	65-11	70	1-METER NAT. DREDGE	08-26-65	42-23	70-22	31	SILT
ALBATROSS IV	66-14	13	OTTER TRAWL	10-14-66	42-39	70-16	80	
ALBATROSS IV	68-12	9	1-METER NAT. DREDGE	08-12-68	41-26	69-30	38	SANDY GRAVEL
ALBATROSS IV	68-12	11	1-METER NAT. DREDGE	08-12-68	41-20	69-22	49	SAND
ALBATROSS IV	68-12	14	1-METER NAT. DREDGE	08-13-68	41-05	69-23	42	GRAVEL
ALBATROSS IV	68-12	22	1-METER NAT. DREDGE	08-13-68	40-44	69-30	46	SAND
ALBATROSS IV	68-12	28	1-METER NAT. DREDGE	08-13-68	40-52	68-59	79	SAND
ALBATROSS IV	68-12	32	1-METER NAT. DREDGE	08-13-68	41-13	68-58	102	GRAVELLY SAN
ALBATROSS IV	68-12	37	1-METER NAT. DREDGE	08-13-68	41-35	69-00	130	SAND
ALBATROSS IV	68-12	38	1-METER NAT. DREDGE	08-13-68	41-34	68-52	113	TILLOID
ALBATROSS IV	68-12	86	1-METER NAT. DREDGE	08-16-68	42-14	65-24	155	GRAVELLY SAN
ALBATROSS IV	68-12	122	1-METER NAT. DREDGE	08-17-68	43-25	66-16	82	GRAVEL
ALBATROSS IV	68-12	144	1-METER NAT. DREDGE	08-18-68	44-25	66-40	128	SHELLY GRAVE
ALBATROSS IV	68-12	197	1-METER NAT. DREDGE	08-20-68	43-26	70-12	73	TILLOID
ALBATROSS IV	68-12	198	1-METER NAT. DREDGE	08-20-68	43-22	70-18	37	SHELLY GRAVE
ALBATROSS IV	68-12	214	1-METER NAT. DREDGE	08-20-68	42-54	70-15	64	GRAVELLY SAN

TABLE 198 CONT'D

VELUTINA LAEVIGATA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE

TOTAL SAMPLES 66

TABLE 199

VELUTINA UNDATA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS III	80	3	DIGBY DRAG	08-13-56	41-54	65-57	108	SAND
ALBATROSS III	122	31	1-METER NAT. DREDGE	11-21-58	42-07	70-02	53	SAND
ALBATROSS III	122	32	1-METER NAT. DREDGE	11-21-58	42-08	70-03	48	SAND
GOSNOLD	22	1161	CAMPBELL GRAB	08-10-63	43-41	66-17	60	GRAVELLY SAN
GOSNOLD	22	1162	CAMPBELL GRAB	08-10-63	43-51	66-16	45	GRAVELLY SAN
ALBATROSS IV	64-1	12	OTTER TRAWL	01-17-64	43-12	70-19	91	
ALBATROSS IV	65-11	70	1-METER NAT. DREDGE	08-26-65	42-23	70-22	31	SILT

TOTAL SAMPLES 7

TABLE 200

VELUTINA VELUTINA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
	1	1	FISH STOMACHS	08-19-54	41-13	69-22	53	
ALBATROSS IV	68-12	13	1-METER NAT. DREDGE	08-13-68	41-10	69-22	46	SANDY GRAVEL
ALBATROSS IV	68-12	101	1-METER NAT. DREDGE	08-16-68	42-54	65-48	119	GRAVEL
ALBATROSS IV	68-12	109	1-METER NAT. DREDGE	08-17-68	43-14	65-45	38	GRAVEL
ALBATROSS IV	68-12	112	1-METER NAT. DREDGE	08-17-68	43-13	66-08	73	SANDY GRAVEL
ALBATROSS IV	68-12	118	1-METER NAT. DREDGE	08-17-68	43-12	66-38	110	GRAVEL
ALBATROSS IV	68-12	144	1-METER NAT. DREDGE	08-18-68	44-25	66-40	128	SHELLY GRAVE
ALBATROSS IV	68-12	213	1-METER NAT. DREDGE	08-20-68	42-46	70-22	88	TILLOID
ALBATROSS IV	68-12	223	1-METER NAT. DREDGE	08-21-68	42-40	70-16	48	GRAVEL

TOTAL SAMPLES 9

TABLE 201 **VELUTINA** SP

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	65-11	51	SMITH MCINTYRE GRAB	08-23-65	42-24	67-05	329	SILT-CLAY

TOTAL SAMPLES 1

TABLE 202

VERMICULARIA SPIRATA

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
		9311	MISC. GEAR	07-28-62	41-33	70-33	1	
GOSNOLD	11	1007	CAMPBELL GRAB	04-30-63	41-27	70-42	37	SANDY GRAVEL
GOSNOLD	11	1007	CAMPBELL GRAB	04-30-63	41-27	70-42	37	SANDY GRAVEL
GOSNOLD	11	1007	CAMPBELL GRAB	04-30-63	41-27	70-42	37	SANDY GRAVEL

TOTAL SAMPLES 4

TABLE 203

GASTROPODA EGGS

VESSEL	CRUISE NUMBER	STAT	SAMPLING GEAR	DATE	LAT (N)	LONG (W)	WATER DEPTH (M)	BOTTOM TYPE
ALBATROSS IV	74-7	47	OTTER TRAWL	07-19-74	40-50	66-38	458	

TOTAL SAMPLES 1

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Alvania harpa	13	19
Alvania pelagica	14	20
Alvania pseudoareolata	15	23
Alvania sp	16	24
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