Station data for Benthos sampling cruises from 1956 to 1965

by

Bruce R. Burns and Roger B. Theroux

U. S. DEPT. OF COMMERCE
LIBRARY
NMFS
WOODS HOLE, MASS.

Bureau of Commercial Fisheries
Biological Laboratory
Woods Hole, Massachusetts
Laboratory Reference No. 67-4

The following station data are for bottom sampling cruises conducted by the Benthos Project, Bureau of Commercial Fisheries, Biological Laboratory, Woods Hole, Massachusetts, from 1956 to 1965. These cruises were conducted from aboard the research vessels Albatross III, Albatross IV and the Delaware. Samples were collected with a Smith-McIntyre sampler, which samples an area 0.1 square meter of bottom and collects a maximum of 15 liters of material. This report lists only those stations where quantitative samples of benthic biomass were collected. At stations where multiple samples were collected each sample is designated by a different collection number. The longitude and latitude were obtained by means of loran bearings; water depth was determined by sonic methods. A sediment sample was obtained from each collection and geologically analyzed by the New York Soil Testing Service, the Bureau of Commercial Fisheries, or the U. S. Geological Survey. The original data were transferred to automatic data processing cards and the subsequent listings have been checked against the original logs. The following cruises are included in the data:

Vessel	Cruise	No. of samples
Albatross III	80	35
Albatross III	101	165
Delaware	59-9	75
Delaware	61-10	75
Delaware	62-7	123
Albatross IV	64-12	24
Albatross IV	64-13	10
Albatross IV	65-11	123

ALBATROSS III CRUISE 80

ADP CODE NUMBER 56-1-2

AUGUST 11-16, 1956 SMITH-MACINTYRE SAMPLER

STATION NUMBER	COLLECTION	LATITUDE (N)	LONGITUDE (W)	DEPTH METERS	BOTTOM TYPE
1	1	40-34	68-17	95	SAND
1	2	40-34	68-17	95	SAND
1	3	40-34	68-17	95	SAND
1	12	40-35	68-19	92	SAND
1	13	40-35	68-19	92	SAND
2	1	40-49	66-58	90	SAND
2	2	40-49	66-58	90	SAND
2	3	40-49	66-58	90	SAND
2	11	40-49	66-58	93	SAND
2	12	40-49	66-58	93	SAND
2	13	40-49	66-58	93	SAND
3	1	41-54	65-57	108	SAND
3	3	41-54	65-57	108	SAND
3	11	41-54	65-57	108	SAND
4	1	42-09	66-52	103	GRAVELLY SAND
4	2	42-09	66-52	103	GRAVELLY SAND
4	3	42-09	66-52	103	GRAVELLY SAND
4	11	42-09	66-52	103	GRAVELLY SAND
4	12	42-09	66-52	103	GRAVELLY SAND
4	13	42-09	66-52	103	GRAVELLY SAND
5	1	42-10	67-58	232	SILTY SAND
5	2	42-10	67-58	232	SILTY SAND
5	3	42-10	67-58	232	SILTY SAND
5	11	42-10	67-58	232	SILTY SAND
5	12	42-10	67-58	232	SILTY SAND
5	13	42-10	67-58	232	SILTY SAND
6	1	41-23	67-38	40	SAND
6	2	41-21	67-35	40	SAND
6	3	41-23	67-38	40	SAND
6	11	41-21	67-35	38	SAND
6	12	41-21	67-35	38	SAND
6	13	41-21	67-35	38	SAND
7	1	41-06	68-52	95	SAND
7	2	41-06	68-52	95	SAND
7	3	41-06	68-52	95	SAND

ALBATROSS III CRUISE 101

ADP CODE NUMBER 57-1-1

AUGUST 20-30, 1957 SMITH-MACINTYRE SAMPLER

STATION NUMBER	COLLECTION	LATITUDE (N)	LONGITUDE (W)	DEPTH METERS	BOTTOM TYPE
2	1	41-40	69-42	8	SAND
3	1	41-42	69-38	148	CLAYEY SAND
5	1	41-48	69-28	194	SAND SILT CLAY
6	1	41-51	69-22	203	SILTY CLAY
7	1	41-55	69-15	209	SILTY CLAY
9	1	42-00	69-05	196	SAND SILT CLAY
10	1	41-54	69-05	194	SILTY CLAY
11	1	41-49	69-05	179	SAND SILT CLAY
12	1	41-45	69-04	176	SAND SILT CLAY
13	1	41-39	69-06	159	SAND
14	1	41-34	69-06	165	GRAVELLY SAND
15	1	41-30	69-05	145	SAND
16	1	41-25	69-06	157	GRAVELLY SAND
18	1	41-14	69-05	152	GRAVELLY SAND
19	1	41-09	69-04	121	GRAVELLY SAND
20	1	41-05	69-05	82	SAND
21	1	40-59	69-06	77	SAND
22	1	40-54	69-05	75	GRAVELLY SAND
23	1	40-48	69-04	68	GRAVEL
24	1	40-43	69-04	77	GRAVELLY SAND
25	1	40-38	69-04	73	PEBBLEY SAND
26	1	40-33	69-06	70	SAND
27	1	40-29	69-06	79	SAND
28	1	40-24	69-06	84	SAND
29	1	40-19	69-05	88	SAND
30	1	40-14	69-05	95	SAND
31	1	40-10	69-05	106	SAND
32	1	40-09	68-58	135	SAND
33	1	40-09	68-50	152	SAND
34	1	40-15	68-50	110	SAND
35	1	40-20	68-51	90	SAND
36	1	40-26	68-51	81	SAND
37	1	40-29	68-52	71	GRAVEL
38	1	40-34	68-51	68	SAND
39	1	40-39	68-51	62	SAND
40	1	40-44	68-51	60	SAND
41	1	40-52	68-50	64	GRAVELLY SAND
42	1	40-55	68-50	68	SAND
44	1	41-05	68-50	64	GRAVEL
46	1	41-15	68-50	93	GRAVELLY SAND
47	1	41-20	68-50	112	SAND
48	1	41-25	68-50	134	SAND
49	1	41-30	68-50	146	SAND
50	1	41-34	68-50	156	SILTY SAND
51	1	41-39	68-50	150	SAND
52	1	41-44	68-50	165	SAND SILT CLAY
53	1	41-50	68-50	159	SAND SILT CLAY
54	1	41-54	68-50	135	CLAYEY SAND
55	1	42-00	68-50	139	SAND
56	1	41-55	68-46	154	GRAVELLY SAND
57	1	41-52	68-42	154	SILTY SAND
58	1	41-47	68-38	168	CLAYEY SILT

STATION NUMBER	COLLECTION	LATITUDE (N)	LONGITUDE (W)	DEPTH METERS	BOTTOM TYPE
59	1	41-42	68-35	181	SILTY SAND
60	1	41-39	68-30	170	SAND
61	1	41-35	68-26	49	GRAVELLY SAND
62	1	41-31	68-23	46	SAND
63	1	41-26	68-19	48	SAND
64	1	41-22	68-20	44	SAND
65	1	41-18	68-11	31	SAND
66	1	41-14	68-07	29	SAND
67	1	41-10	68-03	42	SAND
68	1	41-06	68-00	44	SAND
69	1	41-02	67-56	49	SAND
70	1	40-57	67-52	51	SAND
71	1	40-53	67-48	60	SAND
72	1	40-49	67-49	66	SAND
74	1	40-41	67-36	81	SAND
76	1	40-32	67-33	121	SAND
78	1	40-33	67-28	117	SAND
79	1	40-37	67-28	86	SAND
81	1	40-48	67-23	81	SAND
82	1	40-53	67-28	77	SAND
83	1	40-59	67-28	68	SAND
84	1	41-04	67-28	60	SAND
85	1	41-09	67-28	55	SAND
86	1	41-14	67-28	44	SAND
87	1	41-19	67-28	29	SAND
88	1	41-24	67-28	33	SAND
89	1	41-29	67-28	49	SAND
90	1	41-34	67-28	42	SAND
92	1	41-44	67-28	33	GRAVELLY SAND
94	1	41-54	67-28	46	SANDY GRAVEL
95	1	42-01	67-27	46	SANDY GRAVEL
97	1	42-08	67-28	156	SAND
98	1	42-10	67-28	231	SANDY SILT
103	1	42-15	67-10	168	SAND
106	1	42-06	67-09	48	GRAVELLY SAND
107	1	42-00	67-10	55	SAND
109	1	42-02	66-58	64	SAND
110	1	42-00	66-56	73	SAND
111	1	42-00	66-45	73	GRAVELLY SAND
112	1	42-05	66-45	71	SANDY GRAVEL
114	1	42-10	66-45	161	SAND
116	1	42-20	66-45	333	SAND
121	1	42-15	66-21	221	GRAVELLY SAND
122	1	42-10	66-20	192	SAND
123	1	42-07	66-20	106	GRAVELLY SAND
124	1	42-04	66-20	86	GRAVEL
127	1	41-50	66-20	79	SAND
128	1	41-45	66-20	79	SAND
129	1	41-41	66-20	86	SAND
130	1	41-35	66-19	88	SAND
131	1	41-29	66-21	92	SAND
132	1	41-24	66-20	112	SAND

STATION NUMBER	COLLECTION	LATITUDE (N)	LONGITUDE (W)	DEPTH METERS	BOTTOM TYPE
135	1	41-24	66-00	238	GRAVELLY SAND
137	1	41-35	66-00	106	SAND
139	1	41-45	66-00	99	SAND
140	1	41-49	65-58	92	GRAVELLY SAND
150	1	42-22	65-47	152	GRAVELLY SAND
151	1	42-18	65-51	231	GRAVELLY SAND
155	1	42-05	66-11	93	SANDY GRAVEL
156	1	42-02	66-16	81	GRAVEL
157	1	41-57	66-21	79	GRAVEL
158	1	41-58	66-25	82	GRAVELLY SAND
160	1	41-46	66-34	73	GRAVELLY SAND
161	1	41-42	66-41	66	SAND
162	1	41-40	66-45	70	SAND
163	1	41-35	66-45	71	SAND
164	1	41-29	66-45	70	SAND
165	1	41-25	66-44	79	SANDY GRAVEL
166	1	41-19	66-45	77	SAND
167	1	41-14	66-44	81	SAND
168	1	41-09	66-45	77	SAND
169	1	41-05	66-44	86	SAND
170	1	40-59	66-44	90	SAND
173	1	40-49	66-52	114	SAND
176	1	40-47	67-12	95	SAND
177	1	40-46	67-18	92	SAND
178	1	40-46	67-25	84	SAND
180	1	40-46	67-37	75	SAND
181	1	40-46	67-45	68	SAND
182	1	40-46	67-52	70	SAND
183	1	40-48	67-58	70	SAND
184	1	40-48	68-06	66	SAND
186	1	40-48	68-19	57	SAND
187	1	40-48	68-25	46	SAND
188	1	40-48	68-32	53	SAND
189	1	40-48	68-40	62	GRAVELLY SAND
190	1	40-48	68-46	66	SAND
193	1	40-48	69-06	66	SAND
196	1	40-52	69-15	64	GRAVELLY SAND
197	1	40-58	69-15	68	GRAVELLY SAND
198	1	41-00	69-15	60	GRAVELLY SAND
200	1	41-00	69-02	79	GRAVELLY SAND
201	1	41-00	68-55	77	GRAVELLY SAND
202	1	41-00	68-48	66	SAND
203	1	41-00	68-42	64	SANDY GRAVEL
204	1	41-00	68-35	46	GRAVELLY SAND
205	1	41-05	68-35	57	GRAVELLY SAND
206	1	41-10	68-35	57	GRAVELLY SAND
207	1	41-15	68-35	62	GRAVELLY SAND
208	1	41-20	68-35	68	SAND
209	1	41-25	68-35	86	SAND
210	1	41-30	68-35	102	SAND
211	1	41-34	68-34	132	GRAVELLY SAND
213	1	41-45	68-34	187	MUDDY SAND

STATION NUMBER	COLLECTION	LATITUDE (N)	LONGITUDE (W)	DEPTH METERS	BOTTOM TYPE
214	1	41-45	68-28	192	GRAVELLY SAND
215	1	41-45	68-22	165	SAND
216	1	41-40	68-24	22	SAND
217	1	41-34	68-25	62	GRAVELLY SAND
218	1	41-30	68-28	77	SAND
220	1	41-25	68-37	95	SAND
221	1	41-25	68-44	117	SAND
223	1	41-25	68-57	154	SAND
224	1	41-25	69-05	163	SAND

DELAWARE CRUISE 59-9

ADP CODE NUMBER 59-2-1

AUGUST 5-10, 1959 SMITH-MACINTYRE SAMPLER

STATION NUMBER	COLLECTION	LATITUDE (N)	LONGITUDE (W)	DEPTH METERS	BOTTOM TYPE
2	1	42-00	69-47	139	SAND
3	1	42-00	69-41	190	SILTY CLAY
4	1	42-00	69-34	220	SILTY CLAY
5	1	42-00	69-27	205	SILTY CLAY
6	1	42-00	69-21	211	SILTY CLAY
7	1	42-01	69-15	190	SILTY CLAY
8	1	42-01	69-07	201	SILTY CLAY
9	1	42-00	69-00	135	SAND
10	1	42-00	68-51	135	GRAVELLY SAND
11	1	42-00	68-47	152	SAND
12	1	42-00	68-40	165	CLAYEY SAND
13	1	42-00	68-34	174	SILTY CLAY
14	1	42-00	68-26	183	SILTY CLAY
16	1	41-56	68-15	188	TILLOID
17	1	41-52	68-11	231	SAND SILT CLAY
18	1	41-47	68-08	103	SAND
19	1	41-43	68-05	35	SAND
21	1	41-48	67-53	28	SAND
23	1	41-54	67-48	38	SANDY GRAVEL
24	1	42-00	67-49	88	SAND
25	1	42-05	67-48	189	SILTY SAND
27	1	42-14	67-49	231	GRAVELLY SAND
28	1	42-21	67-49	220	GRAVELLY SAND
29	1	42-25	67-48	190	SAND
30	1	42-31	67-48	236	TILLOID
32	1	42-31	67-35	260	SAND SILT CLAY
33	1	42-31	67-28	320	CLAYEY SILT
34	1	42-31	67-21	339	CLAYEY SAND
35	1	42-31	67-15	348	SAND SILT CLAY
36	1	42-31	67-07	353	SANDY SILT
37	1	42-31	67-01	339	SAND

STATION NUMBER	COLLECTION	LATITUDE (N)	LONGITUDE (W)	DEPTH METERS	BOTTOM TYPE
44	1	42-40	66-23	117	SAND
46	1	42-50	66-19	128	GRAVELLY SAND
47	1	42-54	66-15	146	SANDY GRAVEL
50	1	43-08	66-08	77	SANDY GRAVEL
57	1	42-50	66-04	70	GRAVEL
58	1	42-45	66-04	62	SAND
59	1	42-40	66-05	62	SANDY GRAVEL
63	1	42-29	66-01	157	SAND
75	1	42-46	65-17	110	SAND
78	1	42-31	65-13	106	SANDY GRAVEL
79	1	42-27	65-12	114	SAND
80	1	42-22	65-16	117	SAND
81	1	42-18	65-20	117	SANDY GRAVEL
82	1	42-15	65-25	121	GRAVELLY SAND
85	1	42-21	65-28	110	SAND
91	1	42-40	65-56	86	SANDY GRAVEL
92	1	42-43	66-02	79	SANDY GRAVEL
93	1	42-45	66-08	55	SAND
94	1	42-48	66-13	46	SAND
95	1	42-52	66-20	73	SAND
96	1	42-53	66-25	146	SHELLY SAND
109	1	42-41	67-29	249	CLAYEY SILT
111	1	42-41	67-42	192	SANDY GRAVEL
113	1	42-41	67-56	179	GRAVELLY SAND
115	1	42-41	68-10	185	CLAYEY SILT
116	1	42-41	68-17	198	SILTY SAND
119	1	42-41	68-37	192	CLAYEY SAND
123	1	42-41	69-04	159	CLAYEY SAND
124	1	42-41	69-11	159	MUDDY SAND
125	1	42-41	69-18	194	CLAYEY SAND
127	1	42-41	69-32	249	CLAYEY SILT
128	1	42-41	69-38	278	SILTY CLAY
130	1	42-41	69-52	209	SILTY CLAY
136	1	42-30	70-19	92	CLAYEY SAND
139	1	42-30	69-58	161	SILTY SAND
141	1	42-30	69-44	267	CLAYEY SAND
142	1	42-30	69-38	275	SILTY CLAY
143	1	42-30	69-31	297	SILTY CLAY
145	1	42-31	69-18	247	CLAYEY SILT
147	1	42-30	69-04	205	SAND SILT CLAY
148	1	42-30	68-57	212	SILTY CLAY
149	1	42-30	68-50	201	SAND SILT CLAY
150	1	42-30	68-44	183	MUDDY SAND
151	1	42-30	68-36	201	SILTY CLAY

DELAWARE CRUISE 61-10

ADP CODE NUMBER 61-2-2

JUNE 20-29, 1961 SMITH-MACINTYRE SAMPLER

STATION NUMBER	COLLECTION	LATITUDE (N)	LONGITUDE (W)	DEPTH METERS	BOTTOM TYPE
1	1	42-49	70-30	121	CLAYEY SILT
3	1	42-50	70-00	211	SILTY CLAY
6	1	42-50	69-15	165	SANDY MUD
7	1	42-50	69-00	187	SAND SILT CLAY
8	1	42-49	68-45	238	SILTY CLAY
10	1	42-50	68-15	238	SILTY CLAY
11	1	42-50	68-00	220	TILLOID
12	1	42-50	67-45	245	CLAYEY SILT
16	1	42-50	66-45	253	TILLOID
20	1	43-01	67-15	275	SANDY SILT
23	1	43-00	68-00	192	SAND SILT CLAY
25	1	43-00	68-30	201	SANDY MUD
26	1	43-01	68-45	189	GRAVEL
27	1	43-01	68-59	176	SANDY MUD
28	1	43-01	69-16	220	SILTY CLAY
29	1	43-00	69-30	201	MUDDY GRAVEL
30	1	43-00	69-45	183	MUDDY GRAVEL
32	1	43-00	70-15	201	SILTY CLAY
33	1	43-10	70-15	150	CLAYEY SILT
37	1	43-10	69-15	220	SILTY CLAY
38	1	43-10	69-00	174	CLAYEY SAND
39	1	43-11	68-45	201	CLAYEY SILT
40	1	43-10	68-30	229	SILTY CLAY
41	1	43-11	68-15	212	TILLOID
43	1	43-10	67-45	220	TILLOID
44	1	43-10	67-30	211	TILLOID
45	1	43-10	67-15	203	SILTY SAND
47	1	43-10	66-45	165	SHELL
48	1	43-11	66-31	92	SHELL
53	1	43-20	67-30	229	TILLOID
54	1	43-19	67-45	242	SILTY SAND
55	1	43-20	68-01	245	SILTY CLAY
56	1	43-20	68-15	229	SILTY CLAY
57	1	43-20	68-30	229	SILTY CLAY
59	1	43-20	69-01	176	SILTY CLAY
60	1	43-20	69-15	183	SILTY CLAY
61	1	43-21	69-31	192	SANDY MUD
62	1	43-21	69-46	190	SILTY CLAY
63	1	43-20	70-00	192	CLAYEY SILT
64	1	43-30	69-45	156	SILTY CLAY
65	1	43-30	69-30	156	SAND SILT CLAY
66	1	43-30	69-15	174	SILTY CLAY
67	1	43-29	69-00	156	SILTY CLAY
69	1	43-29	68-30	198	SILTY CLAY
71	1	43-30	68-00	238	SILTY CLAY
72	1	43-30	67-45	265	SAND SILT CLAY
73	1	43-30	67-21	238	CLAYEY SILT
74	1	43-30	67-15	238	SAND SILT CLAY
75	1	43-30	67-00	229	TILLOID
81	1	43-40	67-10	201	TILLOID
82	1	43-40	67-30	229	CLAYEY SILT
83	1	43-41	67-46	238	CLAYEY SILT

STATION NUMBER	COLLECTION	LATITUDE (N)	LONGITUDE (W)	DEPTH METERS	BOTTOM TYPE
86	1	43-40	68-30	183	SILTY CLAY
87	1	43-40	68-46	168	SILTY CLAY
88	1	43-40	68-59	114	SILTY CLAY
89	1	43-50	68-31	137	SILTY CLAY
90	1	43-50	68-15	128	SILTY CLAY
91	1	43-50	68-00	220	SILTY CLAY
92	1	43-50	67-45	256	CLAYEY SILT
93	1	43-50	67-30	214	TILLOID
94	1	43-50	67-15	227	SAND SILT CLAY
95	1	43-50	67-00	183	TILLOID
101	1	44-00	67-30	242	SILTY CLAY
102	1	44-00	67-45	179	SANDY MUD
103	1	44-00	68-00	165	CLAYEY SILT
104	1	44-00	68-15	101	SILTY CLAY
105	1	43-50	68-15	192	SILTY CLAY
107	1	43-29	68-16	183	SAND SILT CLAY
108	1	43-20	68-17	216	SILTY CLAY
109	1	43-10	68-17	234	SILTY CLAY
110	1	43-00	68-15	128	SILTY CLAY
111	1	42-50	68-15	211	SILTY CLAY
113	1	42-50	68-45	242	SILTY CLAY
114	1	43-09	69-00	187	CLAYEY SAND
115	1	43-00	68-59	135	SAND SILT CLAY

DELAWARE CRUISE 62-7

ADP CODE NUMBER 62-2-3

JUNE 13-20, 1962 SMITH-MACINTYRE SAMPLER

STATION NUMBER	COLLECTION	LATITUDE (N)	LONGITUDE (W)	DEPTH METERS	BOTTOM TYPE
1	1	40-58	69-30	46	GRAVELLY SAND
1	2	40-58	69-30	46	GRAVELLY SAND
2	1	40-51	69-31	46	SAND
2	2	40-51	69-31	46	SAND
3	1	40-40	69-31	51	SAND
3	2	40-40	69-31	51	SAND
4	1	40-30	69-29	62	SAND
4	2	40-30	69-29	62	SAND
5	1	40-21	69-30	77	SAND
5	2	40-21	69-30	77	SAND
6	1	40-10	69-31	92	SAND
6	2	40-10	69-31	92	SAND
8	1	39-57	69-30	183	SAND
9	1	39-56	69-45	201	SAND
9	2	39-56	69-45	201	SAND
10	1	40-00	69-45	139	SILTY SAND
10	2	40-00	69-45	139	SILTY SAND
11	1	40-10	69-45	95	SILTY SAND
11	2	40-10	69-45	95	SILTY SAND
12	1	40-20	69-46	79	SAND

STATION NUMBER	COLLECTION	LATITUDE (N)	LONGITUDE (W)	DEPTH METERS	BOTTOM TYPE
12	2	40-20	69-46	79	SAND
13	1	40-30	69-45	73	SAND
13	2	40-30	69-45	73	SAND
14	1	40-40	69-45	59	SAND
14	2	40-40	69-45	59	SAND
15	1	40-50	69-45	37	SAND
15	2	40-50	69-45	37	SAND
16	1	40-46	70-00	38	SAND
16	2	40-46	70-00	38	SAND
17	1	40-39	69-59	49	SAND
17	2	40-39	69-59	49	SAND
18	1	40-30	70-00	73	SAND
18	2	40-30	70-00	73	SAND
19	1	40-20	69-59	92	SAND
19	2	40-20	69-59	92	SAND
20	1	40-10	70-00	117	SILTY SAND
20	2	40-10	70-00	117	SILTY SAND
21	1	40-00	70-00	165	SAND
21	2	40-00	70-00	165	SAND
22	1	40-03	70-15	183	SAND
22	2	40-03	70-15	183	SAND
23	1	40-10	70-15	114	SILTY SAND
23	2	40-10	70-15	114	SILTY SAND
24	1	40-20	70-15	90	SILTY SAND
24	2	40-20	70-15	90	SILTY SAND
25	1	40-30	70-15	70	SILTY SAND
25	2	40-30	70-15	70	SILTY SAND
26	1	40-40	70-15	51	SAND
26	2	40-40	70-15	51	SAND
27	1	40-50	70-15	44	SAND
27	2	40-50	70-15	44	SAND
28	1	41-00	70-15	33	SAND
28	2	41-00	70-15	33	SAND
29	1	41-11	70-16	28	SAND
29	2	41-11	70-16	28	SAND
30	1	41-10	70-30	38	SAND
30	2	41-10	70-30	38	SAND
31	1	41-00	70-30	48	SAND
31	2	41-00	70-30	48	SAND
32	1	40-50	70-30	59	SAND
32	2	40-50	70-30	59	SAND
33	1	40-40	70-30	62	SILTY SAND
33	2	40-40	70-30	62	SILTY SAND
34	1	40-30	70-30	73	SANDY SILT
34	2	40-30	70-30	73	SANDY SILT
35	1	40-20	70-30	97	SANDY SILT
35	2	40-20	70-30	97	SANDY SILT
36	1	40-10	70-30	128	SILTY SAND
36	2	40-10	70-30	128	SILTY SAND
37	1	40-04	70-29	220	SAND
37	2	40-04	70-29	220	SAND
38	1	40-02	70-44	194	SILTY SAND
38	2	40-02	70-44	194	SILTY SAND

STATION NUMBER	COLLECTION	LATITUDE (N)	LONGITUDE (W)	DEPTH METERS	BOTTOM TYPE
39	1	40-10	70-45	132	SILTY SAND
39	2	40-10	70-45	132	SILTY SAND
40	1	40-20	70-46	106	SAND SILT CLAY
40	2	40-20	70-46	106	SAND SILT CLAY
41	1	40-30	70-45	79	SANDY SILT
42	1	40-40	70-45	66	SILTY SAND
43	1	40-50	70-45	55	SAND
43	2	40-50	70-45	55	SAND
44	1	41-00	70-45	51	SAND
44	2	41-00	70-45	51	SAND
45	1	41-10	70-45	38	GRAVELLY SAND
45	2	41-10	70-45	38	GRAVELLY SAND
46	1	41-10	71-00	40	SAND
46	2	41-10	71-00	40	SAND
47	1	41-00	71-00	51	GRAVELLY SAND
47	2	41-00	71-00	51	GRAVELLY SAND
48	1	40-50	71-00	59	SAND
48	2	40-50	71-00	59	SAND
49	1	40-40	71-00	70	SANDY SILT
49	2	40-40	71-00	70	SANDY SILT
50	1	40-30	71-00	84	CLAYEY SILT
50	2	40-30	71-00	84	CLAYEY SILT
51	1	40-21	71-00	99	SANDY SILT
51	2	40-21	71-00	99	SANDY SILT
52	1	40-10	71-00	146	SILTY SAND
52	2	40-10	71-00	146	SILTY SAND
53	1	40-06	71-00	179	SILTY SAND
53	2	40-06	71-00	179	SILTY SAND
54	1	39-59	71-00	366	SILT
54	2	39-59	71-00	366	SILT
55	1	39-56	71-00	567	SILT
55	2	39-56	71-00	567	SILT
56	1	40-03	71-16	183	SAND
56	2	40-03	71-16	183	SAND
57	1	40-10	71-15	110	SILTY SAND
57	2	40-10	71-15	110	SILTY SAND
58	1	40-20	71-15	92	SILTY SAND
58	2	40-20	71-15	92	SILTY SAND
59	1	40-30	71-15	77	SILTY SAND
59	2	40-30	71-15	77	SILTY SAND
60	1	40-40	71-15	62	SAND
60	2	40-40	71-15	62	SAND
61	1	40-50	71-15	62	SAND
61	2	40-50	71-15	62	SAND
62	1	41-01	71-16	48	SAND
62	2	41-01	71-16	48	SAND
63	1	41-10	71-15	38	SAND
63	2	41-10	71-15	38	SAND
64	1	41-00	71-30	55	SAND
64	2	41-00	71-30	55	SAND

ALBATROSS IV CRUISE 64-12

ADP CODE NUMBER 64-4-1

OCTOBER 7-15, 1965 SMITH-MACINTYRE SAMPLER

STATION NUMBER	COLLECTION	LATITUDE (N)	LONGITUDE (W)	DEPTH METERS	BOTTOM TYPE
201	1	40-54	67-14	86	SAND
201	2	40-54	67-14	86	SAND
202	1	40-56	67-11	82	SAND
202	2	40-56	67-11	82	SAND
203	1	41-12	67-00	64	SAND
203	2	41-12	67-00	64	SAND
204	1	41-08	67-15	64	SAND
204	2	41-08	67-15	64	GRAVELLY SAND
205	1	41-07	67-48	49	SAND
205	2	41-07	67-48	49	GRAVELLY SAND
206	1	41-14	68-20	57	GRAVELLY SAND
206	2	41-14	68-20	59	GRAVELLY SAND
207	1	40-56	68-20	48	SAND
207	2	40-56	68-20	48	SAND
300	1	41-14	67-26	46	SAND
300	2	41-14	67-26	46	SAND
300	3	41-14	67-26	46	SAND
300	4	41-14	67-26	46	SAND
300	5	41-14	67-26	46	SAND
300	6	41-14	67-26	46	SAND
300	7	41-14	67-26	46	SAND
300	8	41-14	67-26	46	SAND
300	9	41-14	67-26	46	SAND
300	11	41-14	67-26	46	SAND

ALBATROSS IV CRUISE 64-13

ADP CODE NUMBER 64-4-2

NOVEMBER 13, 1964 SMITH-MACINTYRE SAMPLER

STATION NUMBER	COLLECTION	LATITUDE (N)	LONGITUDE (W)	DEPTH METERS	BOTTOM TYPE
101	1	44-00	68-15	110	SILT CLAY
101	2	44-00	68-15	110	SILT CLAY
101	3	44-00	68-15	110	SILT CLAY
101	4	44-00	68-15	110	SILT CLAY
101	5	44-00	68-15	110	SILT CLAY
101	6	44-00	68-15	110	SILT CLAY
101	7	44-00	68-15	110	SILT CLAY
101	8	44-00	68-15	110	SILT CLAY
101	9	44-00	68-15	110	SILT CLAY
101	10	44-00	68-15	110	SILT CLAY

ALBATROSS IV CRUISE 65-11

ADP CODE NUMBER 65-4-7

AUGUST 17-26, 1965 SMITH-MACINTYRE SAMPLER

STATION NUMBER	COLLECTION	LATITUDE (N)	LONGITUDE (W)	DEPTH METERS	BOTTOM TYPE
3	1	40-58	70-59	49	SAND
3	2	40-58	70-59	49	SAND
3	3	40-58	70-59	49	SAND
3	4	40-58	70-59	49	SAND
3	5	40-58	70-59	49	SAND
3	6	40-58	70-59	49	SAND
3	7	40-58	70-59	49	SAND
3	8	40-58	70-59	49	SAND
3	9	40-58	70-59	49	SAND
3	10	40-58	70-59	49	SAND
5	1	40-41	71-00	59	SILT
5	2	40-41	71-00	59	SILT CLAY
5	3	40-41	71-00	59	SILT CLAY
5	4	40-41	71-00	59	SILT CLAY
5	5	40-41	71-00	59	SILT CLAY
5	6	40-41	71-00	59	SILT CLAY
5	7	40-41	71-00	59	SAND SILT
5	8	40-41	71-00	59	SAND SILT
5	9	40-41	71-00	59	SAND SILT
5	10	40-41	71-00	59	SAND SILT
7	1	40-20	71-00	93	SILT CLAY
7	2	40-20	71-00	93	SILT CLAY
7	3	40-20	71-00	93	SILT CLAY
7	4	40-20	71-00	93	SILT CLAY
7	5	40-20	71-00	93	SILT CLAY
7	6	40-20	71-00	93	SILT CLAY
7	7	40-20	71-00	93	SILT CLAY
7	8	40-20	71-00	93	SILT CLAY
7	9	40-20	71-00	93	SILT CLAY
7	10	40-20	71-00	93	SILT CLAY
9	1	40-05	71-00	188	SILT CLAY
9	3	40-05	71-00	188	SILT CLAY
9	4	40-05	71-00	188	SILT
9	5	40-05	71-00	188	SILT
9	6	40-05	71-00	188	SAND
9	7	40-05	71-00	188	SILT CLAY
9	8	40-05	71-00	188	SAND
9	9	40-05	71-00	188	SAND
9	10	40-05	71-00	188	SAND
11	2	39-58	71-00	458	SILT CLAY
11	3	39-58	71-00	458	SILT
11	4	39-58	71-00	458	SILT
11	5	39-58	71-00	458	SILT
11	6	39-58	71-00	458	SILT
11	7	39-58	71-00	458	SILT CLAY
11	8	39-58	71-00	458	SILT CLAY
11	9	39-58	71-00	458	SILT
11	10	39-58	71-00	458	SILT
12	1	40-05	70-49	141	SAND
13	1	40-13	70-40	121	SILT CLAY
14	1	40-17	70-32	93	SILT CLAY
15	1	40-27	70-22	68	SILT CLAY

STATION NUMBER	COLLECTION	LATITUDE (N)	LONGITUDE (W)	DEPTH METERS	BOTTOM TYPE
26	1	40-42	70-00	40	SAND
27	1	40-35	69-48	62	SAND
28	1	40-30	69-38	68	SAND
29	1	40-24	69-27	70	SAND
30	1	40-18	69-18	84	SAND
31	1	40-12	69-08	114	SAND
32	1	40-10	69-04	403	SAND
33	1	40-20	68-49	92	SAND
34	1	40-28	68-49	73	SAND
35	1	40-35	68-44	66	SAND
36	1	40-43	68-36	55	SAND
37	1	40-52	68-28	35	SAND
38	1	40-46	68-16	55	SAND
39	1	40-35	67-55	90	SAND
40	1	40-30	67-42	421	SAND
41	1	40-44	67-37	80	SAND
42	1	41-01	67-32	66	SAND
43	1	41-10	67-28	48	SAND
43	2	41-10	67-28	48	SAND
43	3	41-10	67-28	48	SAND
43	4	41-10	67-28	48	SAND
43	5	41-10	67-28	48	SAND
43	6	41-10	67-28	48	SAND
43	7	41-10	67-28	48	SAND
43	8	41-10	67-28	48	SAND
43	9	41-10	67-28	48	SAND
43	10	41-10	67-28	48	SAND
44	1	41-14	67-04	64	SAND
45	1	41-14	66-38	82	SAND
46	1	41-17	66-11	183	GRAVELLY SAND
47	1	41-39	66-09	92	SAND
48	1	41-58	66-06	92	SANDY GRAVEL
49	1	42-06	66-20	95	GRAVEL
50	1	42-16	66-44	251	SAND
51	1	42-24	67-05	329	GRAVELLY SAND
51	2	42-24	67-05	329	SILT CLAY
51	3	42-24	67-05	329	SILT CLAY
51	4	42-24	67-05	329	SILT CLAY
51	5	42-24	67-05	329	SILT CLAY
51	6	42-24	67-05	329	SAND
51	7	42-24	67-05	329	SAND
51	8	42-24	67-05	329	SANDY SILT
51	9	42-24	67-05	329	GRAVELLY SAND
51	10	42-24	67-05	329	SILT CLAY
52	1	42-40	66-40	165	SAND
53	1	42-54	66-41	201	SAND
54	2	43-10	66-40	114	GRAVEL
55	1	43-08	67-05	174	SAND
56	1	43-10	67-30	188	SAND
57	1	42-40	67-30	201	GRAVELLY SAND
58	1	42-34	67-49	232	SILT CLAY
59	1	42-30	68-10	156	SAND

STATION NUMBER	COLLECTION	LATITUDE (N)	LONGITUDE (W)	DEPTH METERS	BOTTOM TYPE
60	1	42-36	68-28	220	CLAY
61	1	42-38	68-49	166	SILT CLAY
62	1	42-28	69-02	220	SILT CLAY
62	2	42-28	69-02	220	SILT
62	3	42-28	69-02	220	SILT
62	4	42-28	69-02	220	SILT
62	5	42-28	69-02	220	SILT
62	6	42-28	69-02	220	SILT
62	7	42-28	69-02	220	SILT
62	8	42-28	69-02	220	SILT
62	9	42-28	69-02	220	SILT
62	10	42-28	69-02	220	SILT
63	1	42-42	69-03	156	SILT CLAY
64	1	42-46	69-17	73	GRAVELLY SAND
65	1	42-32	69-32	274	SILT
66	1	42-50	69-46	238	SILT
67	1	42-59	70-02	55	TILLOID
68	1	42-52	70-20	55	SILT
70	1	42-23	70-22	31	SILT