UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Tabulation of the Ostracode Assemblages and Associated Organisms from Selected Bottom Grab Samples Taken in the Northeast Gulf of Alaska, F.R.S. Townsend Cromwell Cruise EGAL-75KC, 1975: Part II

By

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This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards.

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INTRODUCTION

The U.S. Geological Survey is conducting studies of the Alaskan continental shelf, identifying areas and processes of geologic hazard that may affect resource development offshore. These hazards include areas of rapid accumulation of unconsolidated sediment, areas of intense erosional activity, and regions of submarine sliding and slumping; shallow faults are also being identified and classified.

The region of concern in this report is the continental shelf of the northeast Gulf of Alaska, between Montague Island (longitude 148° W.) and Yakutat Bay (longitude 140° W., fig. 1). During 1975, the Fisheries Research Ship Townsend Cromwell collected nearly 350 bottom grab samples from this region.

As part of the northeast Gulf of Alaska project, I am examining the ostracode assemblages (table 2) occurring in the Cromwell bottom grab samples to determine the age, paleoenvironment, and zoogeography. A previous report (Brouwers, 1981) provided a tabulation of the fauna and flora contained in 102 selected bottom grab samples (Van Veen, Shipek and Box Core) from the northeast Gulf of Alaska. The present study similarly records the data from 126 samples collected on the Cromwell cruise (figs. 2, 3; table 1). This information forms a baseline datum of the distribution and relative abundances of the Quaternary ostracode species occurring in the northeast Gulf of Alaska.

METHODS

The micropaleontological subsamples taken were not standardized, ranging in weight (usually wet) from 200 gm to 1 kg of raw sediment, depending on the initial amount of sample available. All samples were washed on a 200-mesh sieve (75 micrometer openings). The washed sediment was sorted using a set of nested sieves and the sediment was examined for ostracodes 180 micrometers or larger. The tabulation of fauna and flora (tables 2 and 3), therefore, does not include any organism smaller than 180 micrometers in size. All samples were completely "stripped" of valves.

The ostracode adult and juvenile specimens found in each sample were identified at the species level and counted. The percentage each species constitutes of the entire ostracode assemblage from each sample was calculated. The counts refer to the total number of valves or recognizable fragments of a species; a carapace is counted as two valves. Some of the species are represented by specimens containing soft parts, and these are denoted with an asterisk (*) at the left of a species binomen. These individuals were probably living when collected

During the microscopic examination and picking of the ostracodes from the sediment, the associated biota was recorded. No attempt was made to determine relative abundance or percentages of these organisms. Table 3 notes their presence or absence in the samples.

The lithologic descriptions included in the appendix were determined on shipboard, as such, should be considered preliminary. This information could reveal faunal associations with particular substrates.

Figure 1.--Locality map of the Gulf of Alaska region studied.

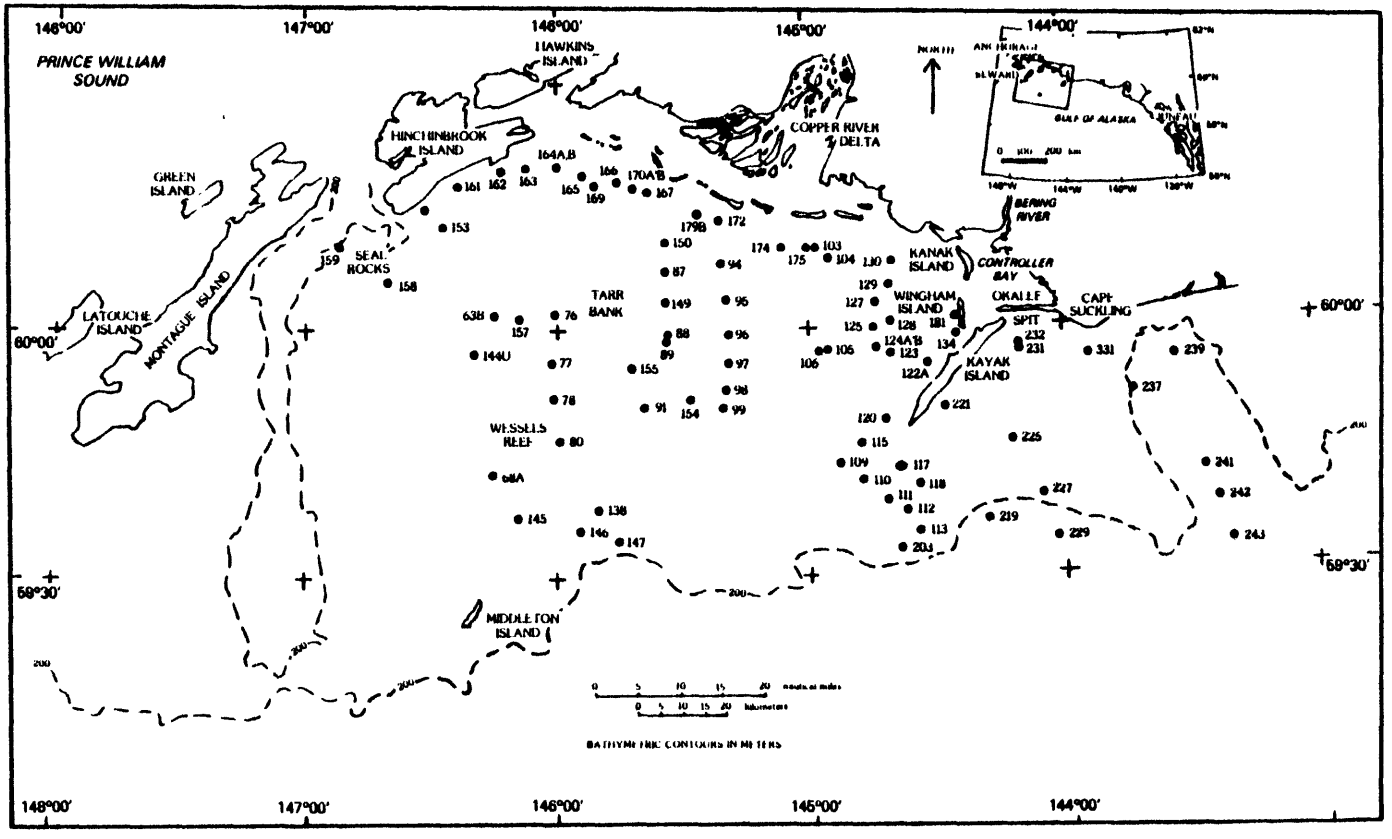

Figure 2.--Location map of sample stations between Montague Island and Cape Suckling.

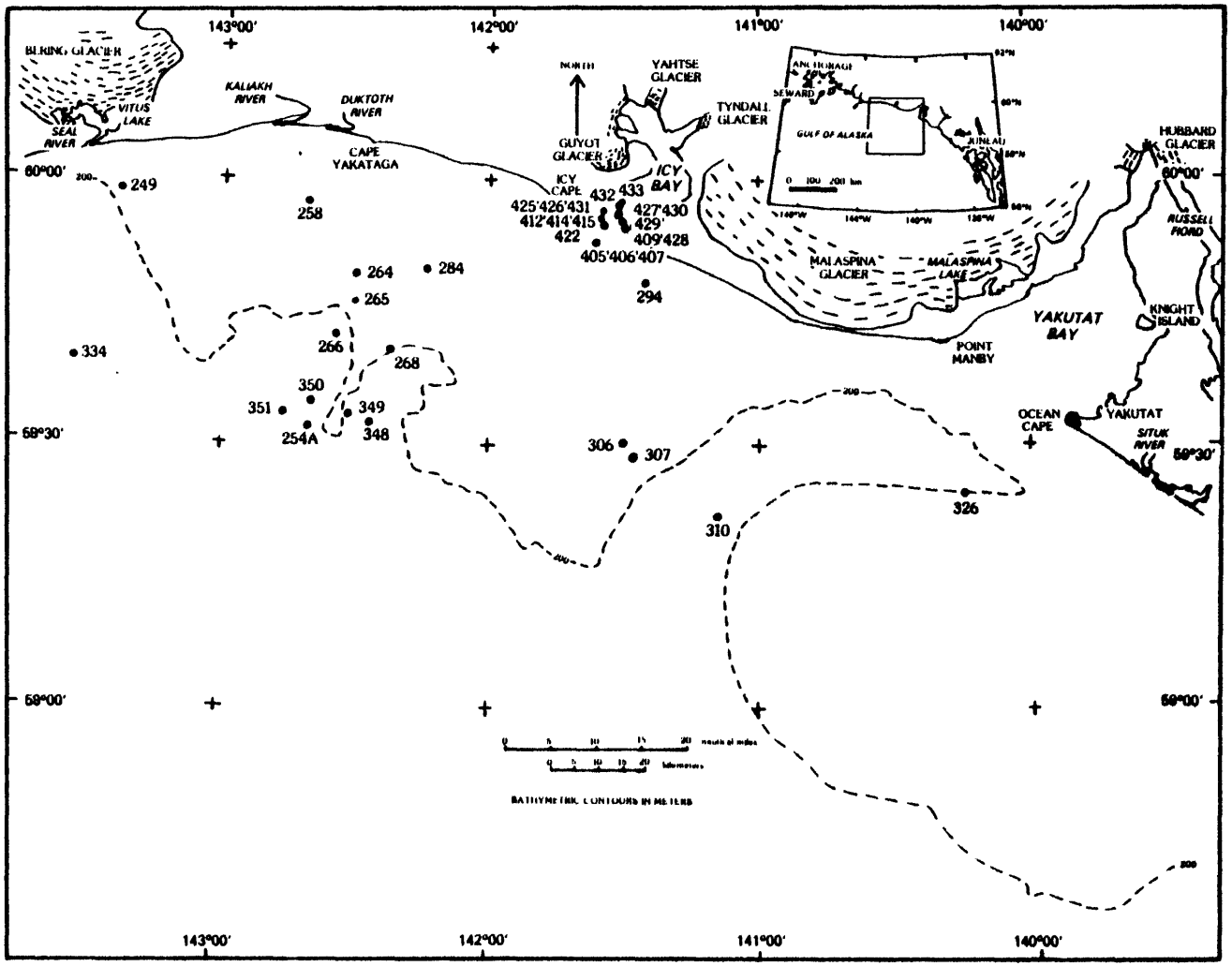

Figure 3.--Location map of sample stations between Bering Glacier and Yakutat Bay.

Table 1.--List of the selected bottom grab samples by sample type and number
[Numbers refer to localities shown in figs. 2 and 3.]

Sample No.	Type	Sample No.	Type
68A	Shipek	104	Shipek
69	Van Veen	105	Box Core
72	Van Veen	106	Van Veen
73	Van Veen	109	Van Veen
74	Van Veen	110	Shipek
75	Van Veen	111	Shipek
76	Van Veen	112	Van Veen
77	Van Veen	113	Shipek
78	Van Veen	115	Shipek
80	Van Veen	117	Shipek
87	Van Veen	118	Shipek
88	Shipek	120	Shipek
89	Shipek	122A	Shipek
91	Van Veen	123	Shipek
94	Van Veen	124A	Box Core
95	Van Veen	124A	Box Core
96	Van Veen	125	Van Veen
97	Van Veen	127	Box Core
98	Van Veen	128	Box Core
99	Van Veen	129	Shipek
103	Shipek	130	Shipek
132	Shipek	164B	Van Veen
133	Shipek	165	Shipek
134	Shipek	166	Shipek

Table 1.--List of the selected bottom grab samples by sample type and number--Continued

Sample No.	Type	Sample No.	Type
138	Shipek	167	Shipek
141	Van Veen	169	Shipek
144 Upper	Van Veen	170B	Box Core
145	Shipek	172	Shipek
146	Shipek	174	Shipek
147	Shipek	175	Shipek
149	Shipek	179B	Box Core
150	Van Veen	181	Shipek
153	Van Veen	203	Van Veen
154	Van Veen	219	Van Veen
155	Van Veen	221	Shipek
157	Van Veen	223	Box Core
158	Van Veen	225	Shipek
159	Shipek	227	Shipek
160A	Van Veen	229	Van Veen
160C	Box Core	231	Van Veen
161	Van Veen	232	Van Veen
162	Van Veen	233	Van Veen
163	Van Veen	237	Van Veen
164A	Van Veen	239	Van Veen
241	Van Veen	405	Shipek
242	Van Veen	406	Shipek
243	Van Veen	407	Shipek
249	Van Veen	409	Shipek
254A	Shipek	412	Shipek

Table 1.--List of the selected bottom grab samples by sample type and number--Continued

Sample No.	Type	Sample No.	Type
258	Van Veen	414	Shipek
264	Shipek	415	Shipek
265	Shipek	422	Shipek
266	Shipek	423	Shipek
268	Shipek	425	Shipek
284	Van Veen	427	Shipek
294	Shipek	428	Shipek
306	Van Veen	429	Shipek
307	Van Veen	431	Shipek
310	Van Veen	432	Shipek
326	Van Veen	433	Shipek
331	Van Veen		
334	Van Veen		
348	Shipek		
349	Shipek		
350	Van Veen		
351	Van Veen		

Table 2.--Alphabetical list of the ostracode species recovered from the 126 selected bottom grab samples

"Acanthocythereis" dunelmensis (Norman, 1865)
Acuminocythere sp. A
Ambostracon sp. A
Argilloecia sp. A
Argilloecia sp. B
Aurila sp. A
"Australicythere" sp. A
Baffinicythere emarginata (Sars, 1865)
Bairdia sp. A
Buntonia sp. A
Bythocythere sp. A
Bythocythere sp. B
Bythocytheromorpha sp. A
Bythocytheromorpha sp. B
Candona sp.
Cluthia cluthae (Brady, Crosskey and Robertson, 1894)
Cluthia sp. A
Coquimba sp. A
Cyclocypris sp.
Cythere aff. C. alveolivalva Smith, 1952
Cythere sp. A
Cytherois sp. A
Cytheromorpha sp. A
Cytheromorpha sp. B
Cytheromorpha sp. D
Cytheromorpha sp. E
Cytheropteron aff. C. latissimum of Neale and Howe (1975)
Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975
Cytheropteron sp. A
Cytheropteron sp. B
Cytheropteron sp. C
Cytheropteron sp. D
Cytheropteron sp. E
Cytheropteron sp. F
Cytheropteron sp. G
Cytheropteron sp. H
Cytheropteron sp. I
Cytheropteron sp. L
Cytheropteron sp. M
Cytheropteron sp. N
Cytheropteron sp. O
Cytheropteron sp. Q
Cytheropteron sp. R
Cytheropteron sp. S
Cytheropteron sp. X
Cytheropteron sp. Y
Cytheropteron sp. Z
Cytheropteron sp. AA
Cytheropteron sp. uniden.
Cytherura sp. D
Cytherura sp. F

Table 2.--Alphabetical list of the ostracode species recovered from the 126 selected bottom grab samples--Continued

Cytherura sp. G
Cytherura sp. H
Cytherura sp. I
Cytherura sp. J
Elofsonia sp. A
Eucytherura sp. A
Finmarchinella (Barentsovia) angulata (Sars, 1866)
Finmarchinella (Barentsovia) sp. A
Finmarchinella (Finmarchinella) finmarchica (Sars, 1866)
Hemicythere aff. H. quadrinodosa Schornikov, 1974
Hemicythere sp.
Hemicytherura sp. A
Hemicytherura sp. B
Hemicytherura sp. C
Krithe sp. A
"Leguminocythereis" sp. A
"Leguminocythereis" sp. B
"Leguminocythereis" sp. D
Loxoconcha sp. A
Loxoconcha sp. B
Loxoconcha sp. D
Loxoconcha sp. E
Loxoconcha sp. F
Macrocypris sp.
Munseyella sp. A
Munseyella sp. B
myodocopid
Normanicythere sp.
Palmanella limicola (Norman, 1865)
Paracypris sp.
Paradoxostoma aff. P. brunneatum Schornikov, 1975
Paradoxostoma aff. P. japonicum Schornikov, 1975
Paradoxostoma sp. B
Paradoxostoma sp. D
Paradoxostoma sp. G
Paradoxostoma sp. H
Paradoxostoma sp. I
Paradoxostoma sp. J
Paradoxostoma sp. uniden.
Patagonacythere sp. A
Pectocythere aff. P. parkerae Swain and Gilby, 1974
Pectocythere aff. P. quadrangulata Hanai, 1957
Pectocythere sp. D
Pectocythere sp. E
Pectocythere sp. F
Pontocythere sp. A
Pseudocythere sp.A
"Radimella" jollaensis (LeRoy, 1943)
Robertsonites tuberculata (Sars, 1865)
Schizocythere sp. A
Sclerochilus sp. C

Table 2.—Alphabetical list of the ostracode species recovered from the 126 selected bottom grab samples—Continued

Sclerochilus sp. D
Sclerochilus sp. E
Sclerochilus sp. F
Sclerochilus sp. G
Semicytherura aff. *S. undata* (Sars, 1965)
Semicytherura sp. F
Xestoleberis sp. A
Xestoleberis sp.B
Xiphichilus sp.

Table 3.--Chart showing the presence and absence of the major faunal and floral organisms in the 126 selected bottom grab samples

	CALCAREOUS BENTHIC FORAMINIFERS	AGGLUTINATED BENTHIC FORAMINIFERS	PLANKTIC FORAMINIFERS	RADIOLARIANS	SPONGE SPICULES	BRYOZOANS	WORM TUBES	BRACHIOPODS	PELECYPODS	GASTROPODS	OSTRACODES	OTHER CRUSTACEANS	ECHINODERMS	FISH PARTS	DIATOMS	PLANT MATERIAL
68A	X				X	X		X	X		X					
69											X					
72	X								X	X	X					
73	X	X	X						X		X				X	
74	X						X			X	X				X	
75	X		X		X				X		X		X		X	
76	X				X		X	X	X	X	X		X			
77	X	X	X		X				X	X	X					
78	X	X					X				X		X		X	
80	X	X			X		X		X	X	X				X	
87	X		X	X			X		X		X				X	
88	X	X			X		X		X	X	X		X			
89	X				X	X	X		X	X	X		X			
91	X	X	X				X				X		X		X	
94	X	X					X		X	X	X					X
95	X						X		X	X	X					
96	X	X					X		X		X		X			X

Table 3.--Chart showing the presence and absence of the major faunal and floral organisms in the 126 selected bottom grab samples--Continued

	CALCAREOUS BENTHIC FORAMINIFERS	AGGLUTINATED BENTHIC FORAMINIFERS	PLANKTIC FORAMINIFERS	RADIOLARIANS	SPONGE SPICULES	BRYOZOANS	WORM TUBES	BRACHIOPODS	PELECYPODS	GASTROPODS	OSTRACODES	OTHER CRUSTACEANS	ECHINODERMS	FISH PARTS	DIATOMS	PLANT MATERIAL
97	X						X		X	X	X					X
98	X	X					X		X	X	X		X		X	
99	X	X					X		X	X	X		X		X	
103	X						X		X	X	X					
104	X	X	X				X		X	X	X					
105	X	X	X						X		X					
106	X	X							X		X					
109	X	X	X			X	X		X		X				X	
110	X										X				X	
111	X	X	X				X	X	X	X	X		X			
112	X	X							X		X					
113	X	X	X	X	X		X		X	X	X		X			
115	X					X	X		X		X		X			
117	X	X	X						X		X					
118	X	X	X	X			X		X		X				X	
120	X						X		X		X					
122A	X	X					X		X		X		X		X	X
123	X	X		X						X	X					
124B	X	X									X				X	
124A	X		X								X					
125	X		X				X				X				X	

Table 3.--Chart showing the presence and absence of the major faunal and floral organisms in the 126 selected bottom grab samples--Continued

	CALCAREOUS BENTHIC FORAMINIFERS	AGGLUTINATED BENTHIC FORAMINIFERS	PLANKTIC FORAMINIFERS	RADIOLARIANS	SPONGE SPICULES	BRYOZOANS	WORM TUBES	BRACHIOPODS	PELECYPODS	GASTROPODS	OSTRACODES	OTHER CRUSTACEANS	ECHINODERMS	FISH PARTS	DIATOMS	PLANT MATERIAL
127	X									X	X				X	
128	X	X	X			X					X		X		X	
129	X						X		X		X			X		X
130											X					
132											X					
133											X					
134											X					
138	X	X			X				X	X	X					
141	X		X		X	X			X	X	X		X			
144U	X		X		X	X	X		X		X	X	X		X	
145	X	X					X		X		X					
146	X	X					X			X	X					
147	X	X	X	X			X		X	X	X				X	
149	X		X				X		X		X				X	
150	X	X	X	X					X		X				X	X
153	X								X	X	X		X		X	X
154	X	X					X		X	X	X					
155	X				X	X	X		X	X	X		X			
157	X	X	X			X	X		X	X	X		X			
158	X		X	X					X	X	X		X		X	

Table 3.--Chart showing the presence and absence of the major faunal and floral organisms in the 126 selected bottom grab samples--Continued

	CALCAREOUS BENTHIC FORAMINIFERS	AGGLUTINATED BENTHIC FORAMINIFERS	PLANKTIC FORAMINIFERS	RADIOLARIANS	SPONGE SPICULES	BRYOZOANS	WORM TUBES	BRACHIOPODS	PELECYPODS	GASTROPODS	OSTRACODES	OTHER CRUSTACEANS	ECHINODERMS	FISH PARTS	DIATOMS	PLANT MATERIAL
159	X		X			X	X		X		X	X	X		X	
160 A	X								X				X			
160C	X						X		X							
161	X								X		X					
162	X								X		X		X			X
163	X								X		X					X
164A	X															X
164B	X								X		X		X			X
165	X								X		X					
166	X										X					
167	X								X	X	X					
169	X								X				X			
170B	X								X		X		X			X
172																
174											X					
175	X								X		X					X
179B									X							
181	X					X	X		X	X	X					
203	X	X			X	X			X				X			
219				X	X						X		X			
221	X		X			X			X	X	X		X	X		X
223											X					
225									X		X					

Table 3.--Chart showing the presence and absence of the major faunal and floral organisms of the 126 selected bottom grab samples--Continued

	CALCAREOUS BENTHIC FORAMINIFERS	AGGLUTINATED BENTHIC FORAMINIFERS	PLANKTIC FORAMINIFERS	RADIOLARIANS	SPONGE SPICULES	BRYOZOANS	WORM TUBES	BRACHIOPODS	PELECYPODS	GASTROPODS	OSTRACODES	OTHER CRUSTACEANS	ECHINODERMS	FISH PARTS	DIATOMS	PLANT MATERIAL
227				X							X					
229				X	X						X					
231	X					X					X		X			
232									X		X		X			X
233	X	X		X			X		X	X	X		X			
237	X	X	X				X		X		X		X		X	X
239	X		X	X						X	X					
241	X	X		X	X									X	X	
242	X															
243	X	X			X	X			X	X			X			
249									X		X					
254A	X	X			X											
258	X		X				X		X		X		X			X
264	X	X	X						X							
265	X	X	X				X		X		X		X			
266	X	X	X		X		X				X		X		X	
268	X	X	X	X	X		X		X		X		X			X
284	X								X		X					X
294	X								X		X					
306	X	X	X	X			X		X		X					
307	X										X					
310	X	X	X	X	X		X			X			X		X	
326	X	X	X	X	X		X		X		X		X		X	
331	X	X	X						X		X					X
334					X											

Table 3.--Chart showing the presence and absence of the major faunal and floral organisms of the 126 selected bottom grab samples--Continued

	CALCAREOUS BENTHIC FORAMINIFERS	AGGLUTINATED BENTHIC FORAMINIFERS	PLANKTIC FORAMINIFERS	RADIOLARIANS	SPONGE SPICULES	BRYOZOANS	WORM TUBES	BRACHIOPODS	PELECYPODS	GASTROPODS	OSTRACODES	OTHER CRUSTACEANS	ECHINODERMS	FISH PARTS	DIATOMS	PLANT MATERIAL
348	X		X	X	X		X						X		X	
349	X		X	X	X		X		X				X		X	
350	X		X		X		X		X					X	X	
351	X	X	X	X	X		X						X		X	
405	X								X							
406	X								X		X					
407	X					X			X			X				
409									X							
412	X					X			X			X				
414	X								X				X			
415	X					X			X							
422	X								X		X				X	
423									X							
425	X								X	X	X					X
427	X								X		X				X	
428	X								X	X	X				X	X
429									X		X				X	
431	X								X		X					X
432	X								X		X				X	
433	X								X		X					

APPENDIX

EGAL-75-KC Shipek-68A

Latitude: 59° 42.6' N
Longitude: 146° 15.0' W
Water Depth: 81 meters

Lithology: Gray mud with gravel and shells.

Organisms: Calcareous Benthic Foraminifers
Sponge Spicules
Cheilostome Bryozoans
Brachiopods
Pelecypods
Ostracodes

Ostracode Species:	Adult	Juv.	%
"Australicythere" sp. A	39	136	51.17
Pectocythere aff. P. quadrangulata Hanai, 1957	30	11	11.99
Cytheropteron aff. C. latissimum of Neale and Howe (1975)	22	11	9.65
Pectocythere aff. P. parkerae Swain and Gilby, 1974	19	4	6.73
"Acanthocythereis" dunelmensis (Norman, 1865)	3	13	4.68
Robertsonites tuberculata (Sars, 1865)		9	2.63
Cytheromorpha sp. B	4	1	1.46
Ambostracon sp. A	1	3	1.17
Cytheropteron sp. G	4		1.17
Cytheropteron sp. L	2	2	1.17
Cytheropteron sp. H	3	1	1.17
Cytheropteron sp. E	2	2	1.17
Eucytherura sp. A	3		0.88
Argilloecia sp. A	3		0.88
Hemicytherura sp. B	2		0.59
Cytheropteron sp. N	2		0.59
Finmarchinella (Barentosovia) sp. A	2		0.59
Cytheropteron sp. F	1	1	0.59
Finmarchinella (Finmarchinella) finmarchica (Sars, 1866)	1		0.29
Palmanella limicola (Norman, 1865)	1		0.29
Acuminocythere sp. A	1		0.29
Cytheropteron sp. D	1		0.29
Sclerochilus sp. C		1	0.29
Sclerochilus sp. F	1		0.29

Total Ostracodes 342

EGAL-75-KC Van Veen-69

Latitude: 60° 16.6' N
Longitude: 146° 14.6' W
Water Depth: 49 meters

Lithology: Olive-gray, sandy, clayey silt.

Organisms: Ostracodes

Ostracode Species:	Adults	Juv.	%
* "Leguminocythereis" sp. A	20	198	20.20
Pectocythere aff. P. quadrangulata Hanai, 1957	150	48	18.35
Pectocythere sp. D	159	38	18.26
Loxoconcha sp. A	59	88	13.62
Robertsonites tuberculata (Sars, 1865)	15	54	6.39
"Acanthocythereis" dunelmensis (Norman, 1865)	7	49	5.19
Palmanella limicola (Norman, 1865)	19	29	4.45
Cytheropteron sp. A	18	23	3.40
* Hemicythere aff. H. quadrinodosa Schornikov, 1974	4	27	2.87
Cytheromorpha sp. B	15	2	1.58
Cytheromorpha sp. E	16		1.48
Cytheromorpha sp. A	14		1.30
Cythere aff. C. alveolivalva Smith, 1952	2	7	0.83
Candona sp.	1	5	0.56
Elofsonia sp. A	4		0.37
Cytherois sp. B	2		0.19
Cytheropteron aff. C. nodosoalatum Neale and Howe (1975)	1		0.09
Cythere sp. A		1	0.09
Cyclocypris sp.	1		0.09
Acuminocythere sp. A		1	0.09
Cytherura sp. J	1		0.09
Cytheropteron sp. I		1	0.09

Total Ostracodes 1079

EGAL-75-KC Van Veen-72

Latitude: 60° 15.3' N
Longitude: 146° 00.8' W
Water Depth: 90 meters

Lithology: Gray-brown mud.

Organisms: Calcareous Benthic Foraminifers
Pelecypods
Gastropods
Ostracodes

Ostracode Species:	Adults	Juv.	%
Robertsonites tuberculata (Sars, 1865)	5	61	33.67
"Acanthocythereis" dunelmensis (Norman, 1865)	1	52	27.04
Cytheropteron sp. B	8	14	11.23
Bythocythere sp. B	8	12	10.20
Cytheropteron sp. A	3	11	7.14
Palmanella limicola (Norman, 1865)	1	6	3.57
Pectocythere aff. P. quadrangulata Hanai, 1957	4	3	3.57
Cytheromorpha sp. B		2	1.02
Cytherois sp. A	1	1	1.02
Cyclocypris sp.		1	0.51
Pseudocythere sp. A		1	0.51
Loxoconcha sp. B	1		0.51

Total Ostracodes 196

EGAL-75-KC Van Veen-73

Latitude: 60° 10.45' N
Longitude: 146° 01.35' W
Water Depth: 95 meters

Lithology: Gray-brown, clayey silt.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Pelecypods
Ostracodes
Diatoms

Ostracode Species:	Adults	Juv.	%
"Acanthocythereis" dunelmensis (Norman, 1865)	24	155	72.47
Palmanella limicola (Norman, 1865)	14	5	7.69
Loxoconcha sp. A	8	6	5.67
Eucytherura sp. A	7	1	3.24

Ostracode Species:	Adult	Juv.	%
Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975		7	2.83
Munseyella sp. A	5		2.02
Cluthia cluthae (Brady, Crosskey, and Robertson, 1874)	4		1.62
Cytheropteron sp. D	3	1	1.62
Cytheropteron sp. Q		3	1.22
Loxoconcha sp. B	2		0.81
Robertsonites tuberculata (Sars, 1865)		1	0.41
"Australicythere" sp. A		1	0.41

Total Ostracodes 247

EGAL-75-KC Van Veen-74

Latitude: 60° 09.2' N
Longitude: 146° 01.5' W
Water Depth: 90 meters

Lithology: Gray-brown silt.

Organisms: Calcareous Benthic Foraminifers
Proteinaceous Worm Tubes
Gastropods
Ostracodes
Diatoms

Ostracode Species:	Adults	Juv.	%
"Acanthocythereis" dunelmensis (Norman, 1865)	2	23	32.47
Loxoconcha sp. A	5	14	24.68
Palmanella limicola (Norman, 1865)	9	9	23.38
Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975	5	3	10.39
Eucytherura sp. A	3		3.90
Cytheropteron sp. L		1	1.30
Robertsonites tuberculata (Sars, 1865)	1		1.30
Cytheropteron sp. D	1		1.30
Munseyella sp. B	1		1.30

Total Ostracodes 77

EGAL-75-KC Van Veen-75

Latitude: 60° 07.4' N
Longitude: 146° 02.3' W
Water Depth: 84 meters

Lithology: Rounded cobbles at the surface, underlain by gray mud with pea-sized gravel.

Organisms: Calcareous Benthic Foraminifers
Planktic Foraminifers
Sponge Spicules
Pelecypods
Ostracodes
Echinoderm Spines
Diatoms

Ostracode Species:	Adults	Juv.	%
"Acanthocythereis" dunelmensis (Norman, 1865)	1	2	42.86
Cytheropteron aff. C. latissimum of Neale and Howe (1975)	1	2	42.86
Palmanella limicola (Norman, 1865)		1	14.29

Total Ostracodes 7

EGAL-75-KC Van Veen-76

Latitude: 60° 02.0' N
Longitude: 146° 00.5' W
Water Depth: 77 meters

Lithology: 10 cm of gravel and shell fragments overlying gray silty mud.

Organisms: Calcareous Benthic Foraminifers
Sponge Spicules
Proteinaceous and Agglutinated Worm Tubes
Brachiopods
Pelecypods
Gastropods
Pteropod
Ostracodes
Echinoderm Fragments

Ostracode Species:	Adults	Juv.	%
"Australicythere" sp. A	25	111	51.52
Cytheropteron aff. C. latissimum of Neale and Howe (1975)	12	20	12.12
Pectocythere aff. P. quadrangulata Hanai, 1857	8	15	5.68
Pectocythere aff. P. parkerae Swain and Gilby, 1974	11	4	5.68
Cytheropteron sp. G	11	4	5.68
"Acanthocythereis" dunelmensis (Norman, 1865)	2	3	1.89
Robertsonites tuberculata (Sars, 1865)	2	3	1.89
Cytheromorpha sp. B	4	1	1.89
Cytheropteron sp. H	1	4	1.89
Eucytherura sp. A		3	1.14
Cytheropteron sp. N	1	2	1.14
Hemicytherura sp. B	2		0.76
Munseyella sp. A	2		0.76
Ambostracon sp. A		2	0.76
Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975		1	0.38
Hemicytherura sp. A	1		0.38
Cytheropteron sp. F		1	0.38
"Leguminocythereis" sp. D		1	0.38

Total Ostracodes 264

EGAL-75-KC Van Veen-77

Latitude: 59° 56' N
Longitude: 146° 1.5' W
Water Depth: 86 meters

Lithology: Gray, pebbly mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Sponge Spicules
Pelecypods
Gastropods
Ostracodes

Ostracode Species:	Adults	Juv.	%
"Acanthocythereis" dunelmensis (Norman, 1865)	5	4	25.71
Cytheropteron aff. C. latissimum of Neale and Howe (1975)	3	6	25.71
Cytheropteron sp. H	1	2	8.57
Cytheropteron sp. E	1	2	8.57
Munseyella sp. A	2		5.71
Eucytherura sp. A		2	5.71
Cytheropteron sp. G		2	5.71
Palmanella limicola (Norman, 1865)	1		2.86
"Australicythere" sp. A		1	2.86
Cytheropteron sp. O	1		2.86
Cytheromorpha sp. A	1		2.86
Cytheropteron sp. F		1	2.86

Total Ostracodes 35

EGAL-75-KC Van Veen-78

Latitude: 59° 51.6' N
Longitude: 146° 00.9' W
Water Depth: 101 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Proteinaceous Worm Tubes
Ostracodes
Echinoderm Fragments
Diatoms

Ostracode Species:	Adults	Juv.	%
"Acanthocythereis" dunelmensis (Norman, 1865)		38	67.86
Palmanella limicola (Norman, 1865)	5	5	17.86
Cytherois sp. A	2		3.57
Eucytherura sp. A	1	1	3.57
Cytheropteron sp. Q	1		1.79
Cytheropteron sp. D	1		1.79
Munseyella sp. B	1		1.79
Cytheropteron sp. A		1	1.79

Total Ostracodes 56

EGAL-75-KC Van Veen-80

Latitude: 59° 46.7' N
Longitude: 145° 59.5' W
Water Depth: 91 meters

Lithology: Tan-gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Sponge Spicules
Proteinaceous Worm Tubes
Pelecypods
Gastropods
Ostracodes
Diatoms

Ostracode Species:	Adults	Juv.	%
Palmanella limicola (Norman, 1865)	12	2	18.18
Cytheropteron aff. C. latissimum of Neale and Howe (1975)	3	10	16.88
"Acanthocythereis" dunelmensis (Norman, 1865)	1	11	15.58
"Australicythere" sp. A		6	7.79
Pectocythere aff. P. parkerae Swain and Gilby, 1974	2	3	6.49
Cluthia sp. A	3	1	5.20
Cytheropteron sp. H		3	3.90
Cytheropteron sp. F		2	2.60
Robertsonites tuberculata (Sars, 1865)		2	2.60
Hemicytherura sp. A		2	2.60
Paradoxostoma sp. G	2		2.60
Cytheromorpha sp. A	2		2.60
Eucytherura sp. A		1	1.30
Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975		1	1.30
Cytheropteron sp. O		1	1.30
Cytheropteron sp. E		1	1.30
Cytheropteron sp. D	1		1.30
Paradoxostoma sp.		1	1.30
Pectocythere aff. P. quadrangulata Hanai, 1957	1		1.30
Aurila sp. A		1	1.30
Sclerochilus sp. C		1	1.30
Cytheropteron sp. G	1		1.30

Total Ostracodes 77

EGAL-75-KC Van Veen-87

Latitude: 60° 06.9' N
Longitude: 145° 34.4' W
Water Depth: 126 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Proteinaceous Worm Tubes
Pelecypod Fragments
Ostracodes
Diatoms

Ostracode Species:	Adults	Juv.	%
"Acanthocythereis" dunelmensis (Norman, 1865)		25	52.08
Robertsonites tuberculata (Sars, 1865)		11	22.92
Krithe sp. A	1	1	4.17
Munseyella sp. A	2		4.17
Cytheropteron sp. Q		2	4.17
Loxoconcha sp. B		2	4.17
Cytheropteron sp. R	1		2.08
Palmanella limicola (Norman, 1865)		1	2.08
Bythocythere sp. B		1	2.08
Cluthia sp. A	1		2.08

Total Ostracodes 48

EGAL-75-KC Shipek-88

Latitude: 59° 59.2' N
Longitude: 145° 34.0' W
Water Depth: 88 meters

Lithology: Gray mud with pebbles and cobbles.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Sponge Spicules
Proteinaceous Worm Tubes
Pelecypods
Pteropod
Ostracodes
Echinoderm Fragments

Ostracode Species:	Adults	Juv.	%
Cytheropteron aff. *C. latissimum* of Neale and Howe (1975)	4	5	50.0
Munseyella sp. A	2		11.11
"*Australicythere*" sp. A		1	5.56
Robertsonites tuberculata (Sars, 1865)		1	5.56
Cytheropteron sp. E	1		5.56
Eucytherura sp. A	1		5.56
Pectocythere aff. *P. parkerae* Swain and Gilby, 1974	1		5.56
Cytheropteron sp. N		1	5.56
Cytheropteron sp. F		1	5.56

Total Ostracodes 18

EGAL-75-KC Shipek-89

Latitude: 59° 58.5' N
Longitude: 145° 34.2' W
Water Depth: 84 meters

Lithology: Gray mud with cobbles and gravel.

Organisms:
Calcareous Benthic Foraminifers
Sponge Spicules
Proteinaceous Worm Tubes
Cheilostome Bryozoans
Pelecypods
Gastropods
Pteropod
Ostracodes
Echinoderm Fragments

Ostracode Species:	Adults	Juv.	%
Cluthia cluthae (Brady, Crosskey, and Robertson, 1874)	2		100

Total Ostracodes 2

EGAL-75-KC Van Veen-91

Latitude: 59° 50.5' N
Longitude: 145° 39.6' W
Water Depth: 97 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Proteinaceous Worm Tubes
Ostracodes
Echinoderm Fragments
Diatoms

Ostracode Species:	Adults	Juv.	%
Palmanella limicola (Norman, 1865)	5	1	50.00
"*Acanthocythereis*" *dunelmensis* (Norman, 1865)		3	25.00
Munseyella sp. A	1		8.33
Eucytherura sp. A		1	8.33
Munseyella sp. B		1	8.33

Total Ostracodes 12

EGAL-75-KC Van Veen-94

Latitude: 60° 07.7' N
Longitude: 145° 21.0' W
Water Depth: 97 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Proteinaceous Worm Tubes
Pelecypods
Gastropods
Ostracodes
Organic Debris

Ostracode Species:	Adults	Juv.	%
* Robertsonites tuberculata (Sars, 1865)		24	42.11
"Acanthocythereis" dunelmensis (Norman, 1865)	2	18	35.09
Loxoconcha sp. A	1	3	7.02
Cluthia sp. A	3		5.26
Palmanella limicola (Norman, 1865)	1		1.75
Loxoconcha sp. B	1		1.75
Bythocythere sp. B	1		1.75
Cytheropteron sp. B	1		1.75
Cytheropteron sp. Q		1	1.75
Pseudocythere sp. A		1	1.75

Total Ostracodes 57

EGAL-75-KC Van Veen-95

Latitude: 60° 03.3' N
Longitude: 145° 19.8' W
Water Depth: 132 meters

Lithology: Greenish-gray mud.

Organisms: Calcareous Benthic Foraminifers
Proteinaceous Worm Tubes
Pelecypods
Pteropod
Ostracodes

Ostracode Species:	Adults	Juv.	%
"Acanthocythereis" dunelmensis (Norman, 1865)	3	21	80.00
Palmanella limicola (Norman, 1865)	1	1	6.67
* Krithe sp. A	1		3.33
Cytheropteron sp. B	1		3.33
Robertsonites tuberculata (Sars, 1865)		1	3.33
Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975		1	3.33

Total Ostracodes 30

EGAL-75-KC Van Veen-96

Latitude: 59° 59.2' N
Longitude: 145° 19.3' W
Water Depth: 119 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Proteinaceous Worm Tubes
Pelecypods
Ostracodes
Echinoderm Fragments
Diatoms

Ostracode Species:	Adults	Juv.	%
"Acanthocythereis" dunelmensis (Norman, 1865)	1	8	56.25
Palmanella limicola (Norman, 1865)	1	1	12.50
Krithe sp. A	2		12.50
Robertsonites tuberculata (Sars, 1865)		1	6.26
Eucytherura sp. A		1	6.25
Loxoconcha sp. B		1	6.25

Total Ostracodes 16

EGAL-75-KC Van Veen-97

Lithology: 59° 55.7' N
Longitude: 145° 19.5' W
Water Depth: 101 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Proteinaceous Worm Tubes
Pelecypods
Gastropods
Ostracodes

Ostracode Species:	Adults	Juv.	%
Loxoconcha sp. A	4	2	28.57
"Acanthocythereis" dunelmensis (Norman, 1865)	2	3	23.81
Palmanella limicola (Norman, 1865)	5		23.81
Eucytherura sp. A	1	1	9.52
Cytheropteron sp. L		1	4.76
Munseyella sp. A	1		4.76
Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975		1	4.76

Total Ostracodes 21

EGAL-75-KC Van Veen-98

Latitude: 59° 52.5' N
Longitude: 145° 19.8' W
Water Depth: 101 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Proteinaceous Worm Tubes
Pelecypods
Ostracodes
Echinoderm Fragments
Diatoms

Ostracode Species:	Adults	Juv.	%
Palmanella limicola (Norman, 1865)	7	2	30.00
"Acanthocythereis" dunelmensis (Norman, 1865)	1	6	23.33
Eucytherura sp. A	4		13.33
Robertsonites tuberculata (Sars, 1865)	1	2	10.0
Loxoconcha sp. A	1	1	6.67
Cytheropteron sp. D	2	6.67	
Munseyella sp. A	2		6.67
Cluthia cluthae (Brady, Crosskey, and Robertson, 1874)	1		3.33

Total Ostracodes 30

EGAL-75-KC Van Veen-99

Latitude: 59° 50.4' N
Longitude: 145° 20.6' W
Water Depth: 110 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Proteinaceous Worm Tubes
Pelecypods
Pteropods
Ostracodes
Echinoderm Fragments
Diatoms

Ostracode Species:	Adults	Juv.	%
"Acanthocythereis" dunelmensis (Norman, 1865)	5	18	57.50
Palmanella limicola (Norman, 1865)	5	6	27.50
* Munseyella sp. A	4		10.00
* Cluthia sp. A	1		2.50
Xestoleberis sp. B		1	2.50
Total Ostracodes 40			

EGAL-75-KC Shipek-103

Latitude: 60° 09.4' N
Longitude: 144° 58.2' W
Water Depth: 35 meters

Lithology: Thin layer of gray mud overlying dark, fine-grained sand.

Organisms: Calcareous Benthic Foraminifers
Proteinaceous Worm Tubes
Pelecypods
Gastropods
Ostracodes

Ostracode Species:	Adults	Juv.	%
"Leguminocythereis" sp. A	3	2	41.67
* Loxoconcha sp. A	4		33.33
Robertsonites tuberculata (Sars, 1865)	2		16.67
Pectocythere sp. D	1		8.33
Total Ostracodes 12			

EGAL-75-KC Shipek-104

Latitude: 60° 08.1' N
Longitude: 144° 54.9' W
Water Depth: 53 meters

Lithology: Gray mud with some sand lenses.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Proteinaceous Worm Tubes
Pelecypods
Gastropod
Ostracodes

Ostracode Species:	Adults	Juv.	%
"Acanthocythereis" dunelmensis (Norman, 1865)	49	98	34.83
* Robertsonites tuberculata (Sars, 1865)	31	107	32.70
Pectocythere aff. P. quadrangulata Hanai, 1957	81	22	24.41
Palmanella limicola (Norman, 1865)	13	6	4.50
Loxoconcha sp. A	11	3	3.32
Cytheropteron sp. A		1	0.24
Total Ostracodes 422			

EGAL-75-KC Box Core-105

Latitude: 59° 57.1' N
Longitude: 144° 55.4' W
Water Depth: 183 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Pelecypods
Ostracodes

Ostracode Species:	Adults	Juv.	%
"Acanthocythereis" dunelmensis (Norman, 1865)	6	63	38.33
Loxoconcha sp. B	52	2	30.00
* Cytheropteron sp. A	6	12	10.00
* Cluthia sp. A	13		7.22
* Krithe sp. A	8	4	6.67
Cytheropteron aff. C. latissimum of Neale and Howe (1975)	2	1	1.67
Cytheropteron sp. M	3		1.67
Cytheropteron sp. Q	1	1	1.11
Bythocythere sp. B	2		1.11
Cytherura sp. I	1		0.56
"Leguminocythereis" sp. A		1	0.56
Cluthia cluthae (Brady, Crosskey, and Robertson, 1874)	1		0.56
Robertsonites tuberculata (Sars, 1865)		1	0.56

Total Ostracodes 180

EGAL-75-KC Van Veen-106

Latitude: 59° 57.0' N
Longitude: 144° 57.4' W
Water Depth: 192 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Pelecypods
Ostracodes

Ostracode Species:	Adults	Juv.	%
"Acanthocythereis" dunelmensis (Norman, 1865)	3	47	31.25
* Loxoconcha sp. B	44	2	28.75
* Cytheropteron sp. A	12	13	15.63
Bythocythere sp. B	4	9	8.13
* Krithe sp. A	11	2	8.13
Cytheropteron sp. Q	2	5	4.38
Cluthia sp. A	5		3.13
Cytheropteron sp. AA	1		0.63

Total Ostracodes 160

EGAL-75-KC Van Veen-109

Latitude: 59° 43.4' N
Longitude: 144° 52.7' W
Water Depth: 102 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Proteinaceous Worm Tubes
Bryozoans
Pelecypods
Ostracodes
Diatoms

Ostracode Species:	Adults	Juv.	%
Palmanella limicola (Norman, 1865)	1	20	17.65
Pectocythere aff. P. parkerae Swain and Gilby, 1974	1	13	11.77
Loxoconcha sp. A	3	7	8.40
Cythere aff. C. alveolivalva Smith, 1952		10	8.40
Acuminocythere sp. A		8	6.72
"Leguminocythereis" sp. A		7	5.88
Cytheromorpha sp. B	3	4	5.88
"Acanthocythereis" dunelmensis (Norman, 1865)	1	5	5.04
Robertsonites tuberculata (Sars, 1865)		6	5.04
Cytheromorpha sp. A	4	2	5.04
Hemicythere aff. H. quadrinodosa Schornikov, 1974		4	3.36
Buntonia sp. A	2	1	2.52
Pectocythere aff. P. quadrangulata Hanai, 1957	1	2	2.52
Loxoconcha sp. D		2	1.68
Cytheropteron sp. E		2	1.68
Cytheromorpha sp. E	2		1.68
Cytheropteron sp. A		2	1.68
Cythere sp. A		1	0.84
* Sclerochilus sp. F	1		0.84
"Australicythere" sp. A		1	0.84
Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975	1		0.84
Ambostracon sp. A		1	0.84
Cytherois sp. A		1	0.84

Total Ostracodes 119

EGAL-75-KC Shipek-110

Latitude: 59° 41.5' N
Longitude: 144° 47.2' W
Water Depth: 97 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Ostracodes
Diatoms

Ostracode Species:	Adults	Juv.	%
Robertsonites tuberculata (Sars, 1865)	1	5	22.22
Cytheropteron sp. G	4		14.82
Cytheropteron aff. C. latissimum of Neale and Howe (1975)	3	1	14.82
"Acanthocythereis" dunelmensis (Norman, 1865)	2	1	11.11
Loxoconcha sp. A		2	7.41
Munseyella sp. A	2		7.41
Cytheropteron sp. F	1		3.70
Palmanella limicola (Norman, 1865)		1	3.70
Cytheromorpha sp. A	1		3.70
Cytheropteron sp. N	1		3.70
Sclerochilus sp. C		1	3.70
Paradoxostoma sp.		1	3.70

Total Ostracodes 27

EGAL-75-KC Shipek-111

Latitude: 59° 38.9' N
Longitude: 144° 41.0' W
Water Depth: 148 meters

Lithology: Olive mud overlying gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Proteinaceous Worm Tubes
Brachiopods
Pelecypods
Gastropods
Ostracodes
Echinoderm Fragments

Ostracode Species:	Adults	Juv.	%
Palmanella limicola (Norman, 1865)	5	6	24.44
"Acanthocythereis" dunelmensis (Norman, 1865)	2	7	20.00
Robertsonites tuberculata (Sars, 1865)		8	17.78
Eucytherura sp. A	2	2	8.89
Cytheropteron sp. L	2	2	8.89
Munseyella sp. A	3		6.67
Cytheropteron sp. D	1		2.22
Cluthia sp. A	1		2.22
Buntonia sp. A		1	2.22
"Leguminocythereis" sp. A		1	2.22
Munseyella sp. B	1		2.22
Loxoconcha sp. B	1		2.22

Total Ostracodes 45

EGAL-75-KC Van Veen-112

Latitude: 59° 37.6' N
Longitude: 144° 37.0' W
Water Depth: 145 meters

Lithology: Olive-green mud overlying gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Pelecypods
Ostracodes

Ostracode Species:	Adults	Juv.	%
Munseyella sp. A	3		23.08
* Palmanella limicola (Norman, 1865)	2	1	23.08
* Macrocypris sp.	2		15.39
"Acanthocythereis" dunelmensis (Norman, 1865)		2	15.39
Robertsonites tuberculata (Sars, 1865)		1	7.69
Cytheropteron sp. L	1		7.69
Eucytherura sp. A	1		7.69

Total Ostracodes 13

EGAL-75-KC Shipek-113

Latitude: 59° 34.9' N
Longitude: 144° 30.0' W
Water Depth: 139 meters

Lithology: Olive mud with occasional small pebbles and coarse sand overlying gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Sponge Spicules
Calcareous and Proteinaceous Worm Tubes
Pelecypods
Gastropod
Ostracodes
Echinoderm Fragments

Ostracode Species:	Adults	Juv.	%
Sclerochilus sp. D	5		55.56
Krithe sp. A	3		33.33
Eucytherura sp. A	1		11.11
Total Ostracodes 9			

EGAL-75-KC Shipek-115

Latitude: 59° 46.0' N
Longitude: 144° 47.7' W
Water Depth: 64 meters

Lithology: Dark gray, muddy, fine-grained sand.

Organisms: Calcareous Benthic Foraminifers
Worm Tubes
Bryozoans
Pelecypods
Ostracodes
Echinoderm Fragments

Ostracode Species:	Adults	Juv.	%
Loxoconcha sp. A	40	93	15.13
* "Leguminocythereis" sp. A	9	104	12.86
Pectocythere aff. P. quadrangulata Hanai, 1957	67	39	12.06
Hemicythere aff. H. quadrinodosa Schornikov, 1974	3	89	10.47
Cythere aff. C. alveolivalva Smith, 1952	7	48	6.26
* Cytheromorpha sp. B	39	6	5.12
* Palmanella limicola (Norman, 1865)	15	23	4.32
Aurila sp. A	3	34	4.21
Pectocythere sp. D	9	25	3.87
Robertsonites tuberculata (Sars, 1865)	3	28	3.53
Pectocythere aff. P. parkerae Swain and Gilby, 1974	3	22	2.84
"Radimella" jollaensis (LeRoy, 1943)		18	2.05
Acuminocythere sp. A	3	14	1.93
Cytheromorpha sp. E	15		1.71
Cythere sp. A	2	11	1.48
Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975	1	11	1.37
Paradoxostoma sp. G	8	4	1.37
Cytheropteron sp. A	7	5	1.37
* Buntonia sp. A	7	4	1.25
Hemicytherura sp. A	10	1	1.25
Loxoconcha sp. D	7	2	1.02
Coquimba sp. A	2	6	0.91
"Acanthocythereis" dunelmensis (Norman, 1865)	1	5	0.68
Cytherois sp. A	5		0.57
* Paradoxostoma sp. I	4	1	0.57
Hemicytherura sp. B	5		0.57
Ambostracon sp. A		4	0.46
Cytheropteron sp. Z	1	2	0.34
* Argilloecia sp. A	2		0.23
Cytheropteron aff. C. latissimum of Neale and Howe (1975)		1	0.11
myodocopid	1		0.11
Total Ostracodes 879			

EGAL-75-KC Shipek-117

Latitude: 59° 43.0' N
Longitude: 144° 38.1' W
Water Depth: 119 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Pelecypods
Ostracodes

Ostracode Species:	Adults	Juv.	%
Palmanella limicola (Norman, 1865)	2	7	33.33
* "Acanthocythereis" dunelmensis (Norman, 1865)	4	4	29.63
Pectocythere sp. D	1	2	11.11
Robertsonites tuberculata (Sars, 1865)		2	7.41
"Leguminocythereis" sp. A		2	7.41
Pectocythere aff. P. quadrangulata Hanai, 1957	1		3.70
Loxoconcha sp. A		1	3.70
Cytheropteron sp. S	1		3.70

Total Ostracodes 27

EGAL-75-KC Shipek-118

Latitude: 59° 40.7' N
Longitude" 144° 33.3' W
Water Depth: 137 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Proteinaceous Worm Tubes
Pelecypods
Ostracodes
Occasional Diatoms

Ostracode Species:	Adults	Juv.	%
Eucytherura sp. A	5	2	36.84
Palmanella limicola (Norman, 1865)	3	2	26.32
Robertsonites tuberculata (Sars, 1865)		2	10.53
Cytheropteron sp. L		1	5.26
Cytheropteron sp. D	1		5.26
Munseyella sp. B	1		5.26
"Acanthocythereis" dunelmensis (Norman, 1865)		1	5.26

Ostracode Species:	Adult	Juv.	%
"Leguminocythereis" sp. A		1	5.26

Total Ostracodes 19

EGAL-75-KC Shipek-120

Latitude: 59° 48.8' N
Longitude: 144° 41.0' W
Water Depth: 66 meters

Lithology: Dark, fine-grained sand.

Organisms: Calcareous Benthic Foraminifers
Agglutinated and Proteinaceous Worm Tubes
Pelecypods
Ostracodes

Ostracode Species:	Adults	Juv.	%
"Leguminocythereis" sp. A	159	109	78.82
Pectocythere sp. D	30		8.82
* Pectocythere aff. P. quadrangulata Hanai, 1957	14	1	4.41
Robertsonites tuberculata (Sars, 1865)	5	4	2.65
"Leguminocythereis" sp. B	2	3	1.87
Loxoconcha sp. A	3		0.88
Eucythere sp. A	2		0.59
Cytheromorpha sp. B	2		0.59
Buntonia sp. A		2	0.59
Cythere aff. C. alveolivalva Smith, 1952		1	0.29
Cytheropteron aff. C. latissimum of Neale and Howe (1975)	1		0.29
"Acanthocythereis" dunelmensis (Norman, 1865)		1	0.29
Aurila sp. A		1	0.29

Total Ostracodes 340

EGAL-75-KC Shipek-122A

Latitude: 59° 55.6' N
Longitude: 144° 31.4' W
Water Depth: 55 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Proteinaceous Worm Tubes
Pelecypods
Ostracodes
Echinoderm Fragments
Plant Material
Diatoms

Ostracode Species:	Adults	Juv.	%
* *Palmanella limicola* (Norman, 1865)	52	21	51.41
"*Acanthocythereis*" *dunelmensis* (Norman, 1865)	2	18	14.09
* *Buntonia* sp. A	11	6	11.97
Pontocythere sp. A		5	3.52
Cluthia sp. A	4		2.82
Cytheropteron sp. D	4		2.82
Hemicythere aff.. *quadrinodosa* Schornikov, 1974		4	2.82
Cythere sp. A		4	2.82
Cythere aff. *C. alveolivalva* Smith, 1952		3	2.11
Cytheromorpha sp. B		2	1.41
Cluthia cluthae (Brady, Crosskey, and Robertson, 1874)	1		0.70
"*Leguminocythereis*" sp. A		1	0.70
Cytherois sp. A		1	0.70
Loxoconcha sp. A	1		0.70
Cytheropteron sp. Y		1	0.70
Loxoconcha sp. D	1		0.70

Total Ostracodes 142

EGAL-75-KC Shipek-123

Latitude: 59° 56.7' N
Longitude: 144° 40.2' W
Water Depth: 210 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Radiolarians
Gastropod
Ostracodes

Ostracode Species:	Adults	Juv.	%
* *Loxoconcha* sp. B	11	2	30.23
"*Acanthocythereis*" *dunelmensis* (Norman, 1865)		9	20.93
Cytheropteron sp. A	4	3	16.28
Cluthia sp. A	4		9.30
Cytheropteron sp. Q	2	2	9.30
Bythocythere sp. B	2	1	6.98
Cytheropteron sp. C	2		4.65
"*Leguminocythereis*" sp. A		1	2.33

Total Ostracodes 43

EGAL-75-KC Box Core-124B

Latitude: 59° 57.5' N
Longitude: 144° 43.2' W
Water Depth: 234 meters

Lithology: Sticky, firm, gray mud with some fragments of more firm mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Ostracodes
Diatoms

Ostracode Species:	Adults	Juv.	%
Cytheropteron sp. Q		1	100

Total Ostracodes 1

EGAL-75-KC Box Core-124A

Latitude: 59° 57.5' N
Longitude: 144° 43.2' W
Water Depth: 234 meters

Lithology: Very soft, soupy, gray mud.

Organisms: Calcareous Benthic Foraminifers
Planktic Foraminifers
Ostracodes

Ostracode Species:	Adults	Juv.	%
Bythocythere sp. B	5		41.67
Cytheropteron sp. Q	2	3	41.67
Palmanella limicola (Norman, 1865)	2		16.67

Total Ostracodes 12

EGAL-75-KC Van Veen-125

Latitude: 59° 59.8' N
Longitude: 144° 44.0' W
Water Depth: 232 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Planktic Foraminifers
Worm Tubes
Ostracodes
Diatoms

Ostracode Species:	Adults	Juv.	%
Loxoconcha sp. B	2		33.33
"Leguminocythereis" sp. A	1		16.67
Loxoconcha sp. A		1	16.67
Cytheropteron sp. D	1		16.67
Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975		1	16.67

Total Ostracodes 6

EGAL-75-KC Box Core-127

Latitude: 60° 02.8' N
Longitude: 144° 43.5' W
Water Depth: 210 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Gastropods
Ostracodes
Diatoms

Ostracode Species:	Adults	Juv.	%
Bythocythere sp. B	9	4	35.14
* "Acanthocythereis" dunelmensis (Norman, 1865)	2	6	21.62
Cytheropteron sp. A	7		18.92
Loxoconcha sp. B	3		8.11
Cytheropteron sp. Q		2	5.41
* Krithe sp. A	2		5.41
Cytheropteron sp. C	2		5.41
Total Ostracodes 37			

EGAL-75-KC Box Core-128

Latitude: 60° 00.6' N
Longitude: 144° 40.0' W
Water Depth: 227 meters

Lithology: Stiff gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Cheilostome Bryozoans
Cyclostome Bryozoans
Ostracodes
Echinoderm Fragments
Diatoms

Ostracode Species:	Adults	Juv.	%
Hemicythere aff. H. quadrinodosa Schornikov, 1974		14	17.72
Cythere sp. A		8	10.13
Cytheropteron sp. B	2	5	8.86
Cytheropteron sp. A	3	3	7.60
Bythocythere sp. B	5	1	7.60
Loxoconcha sp. A	1	5	7.60
Aurila sp. A		4	5.06
Cythere aff. C. alveolivalva Smith, 1952	1	3	5.06
Loxoconcha sp. D	1	2	3.80
Cythweromorpha sp. B	2	1	3.80
Paradoxostoma sp. G		3	3.80
Coquimba sp. A		2	2.53
Hemicytherura sp. B	1	1	2.53
Hemicytherura sp. A	2		2.53
Krithe sp. A	1		1.27
Pontocythere sp. A	1		1.27
Cytherura sp. G	1		1.27
Paradoxostoma sp. D		1	1.27
"Australicythere" sp. A		1	1.27
Cluthia sp. A	1		1.27
"Leguminocythereis" sp. A		1	1.27
Cytheropteron sp. X	1		1.27
"Leguminocythereis" sp. D		1	1.27

Total Ostracodes 79

EGAL-75-KC Shipek-129

Latitude: 60° 04.9' N
Longitude: 144° 40.4' W
Water Depth: 146 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Proteinaceous Worm Tubes
Pelecypods
Ostracodes
Fish Vertebrae
Plant Material

Ostracode Species:	Adults	Juv.	%
"Leguminocythereis" sp. A	9	85	47.96
* Pectocythere sp. D	73	6	40.31
Loxoconcha sp. A	6	6	7.14
Cytheromorpha sp. A	6		3.06
Pectocythere aff. P. quadrangulata Hanai, 1957	2		1.02
Aurila sp. A		1	0.51

Total Ostracodes 196

EGAL-75-KC Shipek-130

Latitude: 60° 07.8' N
Longitude: 144° 39.5' W
Water Depth: 31 meters

Lithology: Fine sand with muddy matrix.

Organisms: Ostracodes

Ostracode Species:	Adults	Juv.	%
Cytheropteron sp. Z	1	2	33.33
Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975		2	22.22
Loxoconcha sp. B	2		22.22
"Acanthocythereis" dunelmensis (Norman, 1865)		1	11.11
Cytherella sp. A		1	11.11

Total Ostracodes 9

EGAL-75-KC Shipek-132

Latitude: 60° 07.1' N
Longitude: 144° 31.2' W
Water Depth: 20 meters

Lithology: Gray sand.

Organisms: Ostracodes

Ostracode Species:	Adult	Juv.	%
"Leguminocythereis" sp. B	2	2	44.44
Pectocythere sp. D	1		11.11
Cythere aff. C. alveolivalva Smith, 1952		1	11.11
Loxoconcha sp. A	1		11.11
Candona sp.		1	11.11
Hemicythere aff. H. quadrinodosa		1	11.11
Schornikov, 1974		1	11.11

Total Ostracodes 9

EGAL-75-KC Shipek-133

Latitude: 60° 03.8' N
Longitude: 144° 26.2'W
Water Depth: 17 meters

Lithology: Fine-grained, gray sand.

Organisms: Ostracodes

Ostracode Species:	Adult	Juv.	%
Hemicythere aff. H. quadrinodosa Schornikov, 1974	1		100

Total Ostracodes 1

EGAL-75-KC Shipek-134

Latitude: 59° 59.0' N
Longitude: 144° 24.0' W
Water Depth: 20 meters

Lithology: Fine-grained sand with very slight amount of mud.

Organisms: Ostracodes

Ostracode Species:	Adults	Juv.	%
* Pontocythere sp. A	27	1	22.40
* "Leguminocythereis" sp. B	14	13	21.60
* Pectocythere sp. D	26		20.80
Aurila sp. A	2	9	8.80
Hemicythere aff. H. quadrinodosa Schornikov, 1974	2	7	7.20
* Loxoconcha sp. A	5	1	4.80
* "Leguminocythereis" sp. A	6		4.80
"Radimella" jollaensis (LeRoy, 1943)	1	2	2.40
Cytheromorpha sp. A	3		2.40
Cythere aff. C. alveolivalva Smith, 1952	1	1	1.60
Loxoconcha sp. D		1	0.80
Finmarchinella (Barentsovia) angulata (Sars, 1866)	1		0.80
Robertsonite tuberculata (Sars, 1865)		1	0.80
Cythere sp. A		1	0.80

Total Ostracodes 125

EGAL-75-KC Shipek-138

Latitude: 59° 38.2' N
Longitude: 145° 50.4' W
Water Depth: 168 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Sponge Spicules
Pelecypods
Pteropod
Ostracodes

Ostracode Species:	Adults	Juv.	%
Palmanella limicola (Norman, 1865)		2	22.22
Munseyella sp. A	2		22.22
"Acanthocythereis" dunelmensis (Norman, 1865)	1	1	22.22
Argilloecia sp. A		1	11.11
Eucytherura sp. A	1		11.11
Cytheropteron sp. L		1	11.11
Total Ostracodes 9			

EGAL-75-KC Van Veen-141

Latitude: 60° 06.8' N
Longitude: 146° 14.5' W
Water Depth: 71 meters

Lithology: Gray mud with muddy sand; coarse-grained, poorly-sorted, rounded sand layer of variable thickness; pebbles in mud.

Organisms: Calcareous Benthic Foraminifers
Planktic Foraminifers
Sponge Spicules
Bryozoans
Mollusk Fragments
Ostracodes
Echinoderm Fragments

Ostracode Species:	Adults	Juv.	%
"Australicythere" sp. A	26	96	38.49
Pectocythere aff. P. parkerae Swain and Gilby, 1974	32	8	12.62
Pectocythere aff. P. quadrangulata Hanai, 1957	22	11	10.41
Cytheropteron aff. C. latissimum of Neale and Howe (1975)	15	7	6.94
Cytheropteron sp. G	10	4	4.42
Finmarchinella (Barentosvia) sp. A	8	3	3.47

Ostracode Species:	Adult	Juv.	%
Ambostracon sp. A	5	5	3.16
"Leguminocythereis" sp. D	4	4	2.52
Cytheropteron sp. H	4	4	2.52
Hemicytherura sp. B	6		1.89
Cytheropteron sp. E	4	2	1.89
Finmarchinella (Finmarchinella) finmarchica (Sars, 1866)	1	4	1.58
Acuminocythere sp. A	3	2	1.58
Robertsonites tuberculata (Sars, 1865)		4	1.26
Cytheromorpha sp. B	4		1.26
Eucytherura sp. A	3		0.95
* Argilloecia sp. B	2		0.63
Cytheropteron sp. I	1	1	0.63
"Acanthocythereis" dunelmensis (Norman, 1965)	1	1	0.63
Cytheromorpha sp. A	2		0.63
Coquimba sp. A	1		0.32
Hemicytherura sp. A	1		0.32
Cytheropteron sp. N	1		0.32
Palmanella limicola (Norman, 1865)	1		0.32
Pectocythere sp. F	1		0.32
Cytheropteron sp. X	1		0.32
Cytheropteron sp. F	1		0.32
Cytheropteron sp.	1		0.32

Total Ostracodes 317

EGAL-75-KC Van Veen-144-Upper

Latitude: 59° 57.3' N
Longitude: 146° 19.6' W
Water Depth: 64 meters

Lithology: Sandy mud with shells and gravel.

Organisms: Calcareous Benthic Foraminifers
Planktic Foraminifers
Sponge Spicules
Agglutinated Worm Tubes
Cheilostome Bryozoans
Brachiopods
Pelecypods
Cirriped Plates
Ostracodes
Echinoderm Fragments
Diatoms

Ostracode Species:	Adults	Juv.	%
* "Australicythere" sp. A	66	284	41.32
* Pectocythere aff. P. parkerae Swain and Gilby, 1974	93	9	12.04
Ambostracon sp. A	50	28	9.21
Pectocythere aff. P. quadrangulata Hanai, 1957	59	16	8.86
Cytheropteron aff. C. latissimum of Neale and Howe (1975)	26	13	4.61
Finmarchinella (Barentsovia) sp. A	32	6	4.49
Patagonacythere sp. A	13	9	2.60
Cytheropteron sp. G	14	8	2.60
"Leguminocythereis" sp. D	8	6	1.65
Finmarchinella (Finmarchinella) finmarchica (Sars, 1866)	6	8	1.65
Aurila sp. A	3	9	1.42
Hemicytherura sp. B	10	1	1.30
Cytheropteron sp. N	7	4	1.30
Cytheropteron sp. E	3	6	1.06
Acuminocythere sp. A	3	4	0.83
Cytheromorpha sp. B	6	1	0.83
Cytherura sp. F	5		0.59
Pectocythere sp. E	5		0.59
Cytheropteron sp. H	3	1	0.47
Cytheromorpha sp. A	4		0.47
Pectocythere sp. F	3		0.35
Cytheropteron sp. F	3		0.35
Cytheropteron sp. I	2		0.24
Sclerochilus sp. F	1	1	0.24
Loxoconcha sp. E	2		0.24
Hemicythere aff. H. quadrinodosa Schornikov, 1974	1		0.12
"Acanthocythereis" dunelnensis (Norman, 1865)		1	0.12
Cythere aff. C. alveolivalva Smith, 1952	1		0.12
Argilloecia sp. B	1		0.12
Sclerochilus sp. G	1		0.12
Sclerochilus sp. C		1	0.12
Total Ostracodes 847			

EGAL-75-KC Shipek-145

Latitude: 59° 37.4' N
Longitude: 146° 09.0' W
Water Depth: 101 meters

Lithology: Thin layer of soupy, olive-gray mud overlying gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Proteinaceous Worm Tubes
Pelecypods
Ostracodes

Ostracode Species:	Adults	Juv.	%
"Acanthocythereis" dunelmensis (Norman, 1865)		4	23.53
Palmanella limicola (Norman, 1865)		4	23.53
Robertsonites tuberculata (Sars, 1865)		3	17.65
Cytheropteron sp. L		3	17.65
Munseyella sp. B	1		5.88

Total Ostracodes 17

EGAL-75-KC Shipek-146

Latitude: 59° 35.6' N
Longitude: 145° 54.8' W
Water Depth: 143 meters

Lithology: Thin layer of soupy, olive-green mud overlying gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Proteinaceous Worm Tubes
Pteropods
Ostracodes

Ostracode Species:	Adults	Juv.	%
Palmanella limicola (Norman, 1865)	2	7	47.37
"Acanthocythereis" dunelmensis (Norman, 1865)		5	26.32
Loxoconcha sp. B	3		15.79
Cytheropteron sp. Q	1	1	10.53

Total Ostracodes 19

EGAL-75-KC Shipek-147

Latitude: 59° 34.2' N
Longitude: 145° 45.7' W
Water Depth: 165 meters

Lithology: Soupy, olive-gray mud overlying gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Proteinaceous Worm Tubes
Pelecypods
Pteropod
Ostracodes
Diatoms

Ostracode Species:	Adults	Juv.	%
Cytheropteron sp. L	2	1	30.00
Loxoconcha sp. B	2	1	30.00
Palmanella limicola (Norman, 1865)		1	10.00
Cytheropteron sp. Q		1	10.00
Munseyella sp. B	1		10.00
"Acanthocythereis" dunelmensis (Norman, 1865)	1		10.00

Total Ostracodes 10

EGAL-75-KC Shipek-149

Latitude: 60° 03.2' N
Longitude: 145° 34.5' W
Water Depth: 104 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Planktic Foraminifers
Proteinaceous Worm Tubes
Pelecypods
Ostracodes
Diatoms

Ostracode Species:	Adult	Juv.	%
"Acanthocythereis" dunelmensis (Norman, 1865)	11	30	53.25
Palmanella limicola (Norman, 1865)	5	4	11.69
Eucytherura sp. A	8		10.40
Loxoconcha sp. A	3	2	6.49
Munseyella sp. A	4		5.20
Cytheropteron sp. L	2	1	3.90
Robertsonites tuberculata (Sars, 1865)		3	3.90
Loxoconcha sp. B	2		2.60
Munseyella sp. B	1		1.30
Cytheropteron aff. C. latissimum of Neale and Howe (1975)		1	1.30

Total Ostracodes 77

EGAL-75-KC Van Veen-150

Latitude: 60° 10.4' N
Longitude: 145° 34.5' W
Water Depth: 104 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Pelecypods
Ostracodes
Plant Material
Diatoms

Ostracode Species:	Adults	Juv.	%
Robertsonites tuberculata (Sars, 1865)	5	32	25.00
Loxoconcha sp. B	22	8	20.27
Cytheropteron sp. A	8	19	18.24
"Acanthocythereis" dunelmensis (Norman, 1865)	2	20	14.87
Cytheropteron sp. Q	5	4	6.08
Bythocythere sp. B	3	1	2.70
Cluthia sp. A	3	1	2.70
Pseudocythere sp. A	2		1.35
Munseyella sp. B	2		1.35
Palmanella limicola (Norman, 1865)	1	1	1.35

Ostracode Species:	Adult	Juv.	%
Cytheropteron sp. K	2		1.35
Cytheropteron aff. C. latissimum of Neale and Howe (1975)	1	1	1.35
Loxoconcha sp. A		1	0.68
Cytherois sp. A	1		0.68
Pectocythere aff. P. parkerae Swain and Gilby, 1974		1	0.68
Cytherura sp. I		1	0.68
Cyclocypris sp.	1		0.68

Total Ostracodes 148

EGAL-75-KC Van Veen-153

Latitude: 60° 12.5' N
Longitude: 146° 27.0' W
Water Depth: 137 meters

Lithology: Olive-gray, soupy mud overlying homogeneous gray mud.

Organisms: Calcareous Benthic Foraminifers
Pelecypods
Pteropod
Ostracodes
Echinoderm Fragments
Plant Material
Diatoms

Ostracode Species:	Adults	Juv.	%
"Acanthocythereis" dunelmensis (Norman, 1865)	14	135	56.87
Robertsonites tuberculata (Sars, 1865)	8	55	24.05
Palmanella limicola (Norman, 1865)	2	11	4.96
Cytheropteron sp. A	5	5	3.82
Bythocythere sp. B	5		1.91
Loxoconcha sp. B	4	1	1.91
Cytheropteron aff. C. latissimum of Neale and Howe (1975)		4	1.53
"Australicythere" sp. A		3	1.15
Cytherura sp. I		2	0.76
Cluthia sp. A	2		0.76
Pectocythere aff. P. quadrangulata Hanai, 1957		1	0.38
Cytheromorpha sp. B	1		0.38

Ostracode Species:	Adult	Juv.	%
Hemicytherura sp. A		1	0.38
Xestoleberis sp. B		1	0.38
Cluthia cluthae (Brady, Crosskey and Robertson, 1874)	1		0.38
Finmarchinella (Finmarchinella) finmarchica (Sars, 1866)		1	0.38

Total Ostracodes 262

EGAL-75-KC Van Veen-154

Latitude: 59° 51.4' N
Longitude: 145° 28.5' W
Water Depth: 95 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Proteinaceous Worm Tubes
Pelecypods
Pteropod
Ostracodes

Ostracode Species:	Adults	Juv.	%
Loxoconcha sp. A	5	5	25.64
Palmanella limicola (Norman, 1865)	5	2	17.95
"Acanthocythereis" dunelmensis (Norman, 1865)	1	6	17.95
Munseyella sp. A	5		12.82
Eucytherura sp. A		2	5.13
Cytherura sp. I		2	5.13
Cytheropteron sp. L		2	5.13
Cytheropteron sp. D	2		5.13
Cytheropteron aff. C. latissimum of Neale and Howe (1975)		1	2.56
Munseyella sp. B	1		2.56

Total Ostracodes 39

EGAL-75-KC Van Veen-155

Latitude: 59° 55.2' N
Longitude: 145° 42.0' W
Water Depth: 82 meters

Lithology: Gray mud with pebbles, cobbles, and shells.

Organisms: Calcareous Benthic Foraminifers
Sponge Spicules
Bryozoans
Proteinaceous Worm Tubes
Pelecypods
Gastropods
Pteropod
Ostracodes
Echinoderms

Ostracode Species:	Adults	Juv.	%
Cytheropteron aff. C. latissimum of Neale and Howe (1975)	1	1	33.33
"Australicythere" sp. A		2	33.33
Cytheromorpha sp. B	2		33.33
Total Ostracodes 6			

EGAL-75-KC Van Veen-157

Latitude: 60° 01.4' N
Longitude: 146° 08.5' W
Water Depth: 73 meters

Lithology: Gray mud with pebbles and cobbles.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Cheilostome Bryozoans
Cyclostome Bryozoans
Proteinaceous Worm Tubes
Pelecypods
Gastropods
Scaphopod Fragments
Ostracodes
Echinoderm Fragments

Ostracode Species:	Adults	Juv.	%
Aurila sp. A	20	110	20.12
Ambostracon sp. A	5	33	5.88
"Acanthocythereis" dunelmensis		38	5.88
Pectocythere aff. P. parkerae Swain and Gilby, 1974	20	14	5.26
Loxoconcha sp. A	13	16	4.49
Cytheropteron aff. C. latissimum of Neale and Howe (1975)	10	17	4.18
Acuminocythere sp. A	3	24	4.18
Robertsonites tuberculata (Sars, 1865)	2	21	3.56
Cytheropteron sp. E	14	8	3.41
Cytheropteron sp. A	11	9	3.10
Cytheromorpha sp. B	10	8	2.79
Cytheropteron sp. N	12	4	2.48
Cytheromorpha sp. A	6	7	2.01
Sclerochilus sp. C	4	9	2.01
Loxoconcha sp. D	6	5	1.70
Pseudocythere sp. A	10	1	1.70
Argilloecia sp. A	6	4	1.55
Pectocythere aff. P. quadrangulata Hanai, 1957	2	8	1.55
Hemicytherura sp. B	5	5	1.55
Palmanella limicola (Norman, 1865)	4	6	1.55
Paradoxostoma sp. H	7	3	1.55
Xestoleberis sp. B	4	5	1.39
"Australicythere" sp. A		9	1.39
Cytheropteron sp. R	8	1	1.39
Paradoxostoma sp. I	5	4	1.39
Paradoxostoma sp. D	8		1.24
"Radimella" jollaensis (LeRoy, 1943)	1	7	1.24
Cytheropteron sp. F	5	1	0.93
Finmarchinella (Barentsovia) sp. A	1	5	0.93
Cluthia cluthae (Brady, Crosskey, and Robertson, 1874)	5	1	0.93
Coquimba sp. A	4	2	0.93
Bythocytheromorpha sp. A	4	1	0.77
* Bairdia sp. A	2	2	0.62
Munseyella sp. A	4		0.62
Cytheropteron sp. I	3	1	0.62
Cytheropteron sp. G	2	1	0.46
Buntonia sp. A		3	0.46
Cytheromorpha sp. E	3		0.46
Sclerochilus sp. E	3		0.46
Argilloecia sp. B		2	0.31
Bythocytheromorpha sp. B	2		0.31
Semicytherura aff. S. undata (Sars, 1865)	2		0.31
Hemicytherura sp. A	2		0.31
Hemicythere sp.	1	1	0.31
Cytheropteron sp. Y		2	0.31
Paracypris sp.	1		0.16

Ostracode Species:	Adult	Juv.	%
Pectocythere sp. F	1		0.16
Bythocythere sp. B		1	0.31
Cytheropteron sp. H	1		0.16
Cytherura sp. H	1		0.16
Cythere aff. C. alveolivalva Smith, 1952		1	0.16
Elofsonella sp. A	1		0.16
Schizocythere sp. A	1		0.16
Bythocythere sp. A	1		0.16

Total Ostracodes 646

EGAL-75-KC Van Veen-158

Latitude: 60° 06.0' N
Longitude: 146° 40.5' W
Water Depth: 117 meters

Lithology: Gray mud.
Organisms: Calcareous Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Mollusk Fragments
Ostracodes
Echinoderm Fragments
Diatoms

Ostracode Species:	Adults	Juv.	%
"Acanthocythereis" dunelmensis (Norman, 1865)	3	8	36.67
Rboertsonites tuberculata (Sars, 1865)		8	26.67
Cytheropteron aff. C. latissimum of Neale and Howe (1975)	1	2	10.00
"Australicythere" sp. A		3	10.00
Cytheropteron sp. N	1		3.33
Loxoconcha sp. A	1		3.33
Cytheropteron sp. A	1		3.33
Munseyella sp. B	1		3.33
Cytheropteron sp. B		1	3.33

Total Ostracodes 30

EGAL-75-KC Shipek-159

Latitude: 60° 10.2' N
Longitude: 146° 52.1' W
Water Depth: 165 meters

Lithology: Thin layer of olive-gray, soupy mud overlying gray mud.

Organisms: Calcareous Benthic Foraminifers
Planktic Foraminifers
Proteinaceous Worm Tubes
Bryozoans
Pelecypods
Cyprid Barnacles
Ostracodes
Echinoderm Spine
Diatoms

	Ostracode Species:	Adults	Juv.	%
	Aurila sp. A	18	58	16.27
*	"Acanthocythereis" dunelmensis (Norman, 1865)	5	43	10.28
	Pectocythere aff. P. quadrangulata Hanai, 1957	2	24	5.57
	Cytheropteron sp. A	13	10	4.93
	Loxoxoncha sp. A	5	16	4.50
	Ambostracon sp. A	1	19	4.28
	Cytheropteron sp. N	11	9	4.28
	Paradoxostoma sp. G	9	9	3.85
	Cytheromorpha sp. B	10	6	3.43
*	Robertsonites tuberculata (Sars, 1865)	1	15	3.43
	"Australicythere" sp. A		13	2.78
	Loxoconcha sp. D	7	5	2.57
	Cytheropteron aff. C. latissimum of Neale and Howe (1975)	10	1	2.36
	Palmanella limicola (Norman, 1865)	4	7	2.36
	Cytheropteron sp. E	4	6	2.14
	Finmarchinella (Barentsovia) sp. A	1	8	1.93
*	Acuminocythere sp. A	2	7	1.93
	Sclerochilus sp. C	4	4	1.71
	Xestoleberis sp. B	6	1	1.50
	Cytheropteron sp. F	1	6	1.50
	Paradoxostoma aff. P. japonicum Schornikov, 1975	3	3	1.29
	Cytherois sp. A	5	1	1.29
	Hemicytherura sp. A	6		1.29
	Cytheromorpha sp. E	5		1.07
	Pseudocythere sp. A	4	1	1.07
*	Munseyella sp. A	4		0.86
	Coquimba sp. A	4	0.86	

Ostracode Species:	Adult	Juv.	%
Paradoxostoma aff. P. brunneatum Schornikov, 1975	1	2	0.64
* Bairdia sp.	2	1	0.64
Argilloecia sp. A	1	2	0.64
Cytheropteron sp. G	2	1	0.64
Hemicytherura sp. B	3		0.64
Loxoconcha sp. E	2	1	0.64
Cytheropteron sp. I		3	0.64
Cytheropteron sp. H		3	0.64
Semicytherura aff. S. undata (Sars, 1865)	2		0.43
Hemicytherura sp. C	2		0.43
Elofsonia sp. A	2		0.43
Xiphichilus sp.	2		0.43
Pectocythere sp. E	2		0.43
Buntonia sp. A	2		0.43
Bythocytheromorpha sp. B	1		0.21
Xestoleberis sp. A		1	0.21
"Leguminocythereis: sp. D		1	0.21
Cytheropteron sp. Y	1		0.21
Paradoxostoma sp. J	1		0.21
Bythocythere sp. A	1		0.21
Normanicythere sp.		1	0.21
Argilloecia sp. B	1		0.21
Eucytherura sp. A		1	0.21
Semicytherura sp. F		1	0.21
Hemicythere aff. H. quadrinodosa Schornikov, 1974		1	0.21

Total Ostracodes 467

EGAL-75-KC Van Veen-160A

Latitude: 60° 15.0' N
Longitude: 146° 31.8' W
Water Depth: 37 meters

Lithology: Dark, fine-grained sand.

Organisms: Calcareous Benthic Foraminifers
Pelecypods
Echinoderm Spines

EGAL-75-KC Box Core-160C

Latitude: 60° 14.9' N
Longitude: 146° 32.2' W
Water Depth: 37 meters

Lithology: Dark, fine-grained sand.

Organisms: Calcareous Benthic Foraminifers
Agglutinated and Proteinaceous Worm Tubes
Pelecypods

EGAL-75-KC Van Veen-161

Latitude: 60° 17.4' N
Longitude: 146° 23.7' W
Water Depth: 22 meters

Lithology: Dark, fine-grained, well-sorted sand.

Organisms: Calcareous Benthic Foraminifers
Pelecypods
Ostracodes

Ostracode Species:	Adults	Juv.	%
Hemicythere aff. *H. quadrinodosa* Schornikov, 1974	1		50.00
Cythere aff. *C. alveolivalva* Smith, 1952	1		50.00
Total Ostracodes 2			

EGAL-75-KC Van Veen-162

Latitude: 60° 19.2' N
Longitude: 146° 13.2' W
Water Depth: 24 meters

Lithology: Dark, fine-grained sand with overlying thin layer of soupy, gray mud.

Organisms: Calcareous Benthic Foraminifers
Pelecypods
Ostracodes
Echinoderm Fragments
Plant Material

Ostracode Species:	Adults	Juv.	%
Cytheromorpha sp. B	3	6	33.33
Hemicythere aff. H. quadrinodosa Schornikov, 1974	3	2	18.52
* Elofsonia sp. A	4		14.82
Pectocythere sp. D	2	1	11.11
Cytherura sp. D	1	2	11.11
Cytheromorpha sp. E	2		7.41
Cythere aff. C. alveolivalva Smith, 1952		1	3.70

Total Ostracodes 27

EGAL-75-KC Van Veen-163

Latitude: 60° 19.5' N
Longitude: 146° 07.0' W
Water Depth: 22 meters

Lithology: Dark, fine-grained sand.

Organisms: Calcareous Benthic Foraminifers
Pelecypods
Ostracodes
Plant Material

Ostracode Species:	Adults	Juv.	%
* Hemicythere aff. H. quadrinodosa Schornikov, 1974	2		66.67
Elofsonia sp. A	1		33.33

Total Ostracodes 3

EGAL-75-KC Van Veen-164A

Latitude: 60° 19.5' N
Longitude: 146° 00.0' W
Water Depth: 22 meters

Lithology: Dark, fine-grained sand.

Organisms: Calcareous Benthic Foraminifers
Plant Debris

EGAL-75-KC Van Veen-164B

Latitude: 60° 19.5' N
Longitude: 146° 00.0' W
Water Depth: 22 meters

Lithology: Dark, fine-grained sand.

Organisms: Occasional Calcareous Benthic Foraminifers
Pelecypod Fragments
Ostracodes
Occasional Echinoderm Fragments
Plant Fragments

Ostracode Species:	Adults	Juv.	%
Cytheromorpha sp. B	5	1	46.15
Hemicythere aff. *H. quadrinodosa* Schornikov, 1974	2	2	30.77
Elofsonia sp. A	3		23.08

Total Ostracodes 13

EGAL-75-KC Shipek-165

Latitude: 60° 18.3' N
Longitude: 145° 53.5' W
Water Depth: 33 meters

Lithology: Dark, fine-grained sand with some gray mud.

Organisms: Rare Calcareous Benthic Foraminifers
Pelecypods
Ostracodes

Ostracode Species:	Adults	Juv.	%
* *Cytheromorpha* sp. B	2	3	41.67
Pectocythere sp. D	2		16.67
* *Loxoconcha* sp. A	2		16.67
Pectocythere aff. *P. quadrangulata* Hanai, 1957		1	8.33
Eucythere sp. A	1		8.33
"*Leguminocythereis*" sp. A		1	8.33

Total Ostracodes 12

EGAL-75-KC Shipek-166

Latitude: 60° 17.7' N
Longitude: 145° 45.6' W
Water Depth: 20 meters

Lithology: Dark, fine-grained sand.

Organisms: Calcareous Benthic Foraminifers
Ostracodes

Ostracode Species:	Adults	Juv.	%
Candona sp.		1	25.00
Elofsonia sp. A	1		25.00
Aurila sp. A		1	25.00
Cytheromorpha sp. B	1		25.00
Total Ostracodes 4			

EGAL-75-KC Shipek-167

Latitude: 60° 16.4' N
Longitude: 145° 38.4' W
Water Depth: 26 meters

Lithology: Dark, fine-grained sand.

Organisms: Calcareous Benthic Foraminifers
Mollusk Fragments
Ostracodes

Ostracode Species:	Adults	Juv.	%
"*Leguminocythereis*" sp. A		1	100
Total Ostracodes 1			

EGAL-75-KC Shipek-169

Latitude: 60° 17.7' N
Longitude: 145° 50.7' W
Water Depth: 35 meters

Lithology: Dark, fine-grained sand with some clay galls at surface.

Organisms: Calcareous Benthic Foraminifers
Pelecypods
Echinoderm Fragments

EGAL-75-KC Box Core-170B

Latitude: 60° 16.9' N
Longitude: 145° 42.0' W
Water Depth: 20 meters

Lithology: Dark, fine-grained, well-sorted sand overlying gray mud.

Organisms: Calcareous Benthic Foraminifers
Pelecypods
Ostracodes
Echinoderm Fragments
Plant Fragments

Ostracode Species:	Adults	Juv.	%
Cytheromorpha sp. B	2		50.00
Pectocythere sp. D	1		25.00
Loxoconcha sp. A		1	25.00
Total Ostracodes 4			

EGAL-75-KC Shipek-172

Latitude: 60° 13.5' N
Longitude: 145° 21.2' W
Water Depth: 18 meters

Lithology: Dark, fine-grained sand.

Organisms: Barren of any faunal or floral remains.

EGAL-75-KC Shipek-174

Latitude: 60° 09.6' N
Longitude: 145° 06.4' W
Water Depth: 35 meters

Lithology: Gray mud with fine-grained sand.

Organisms: Ostracodes

Ostracode Species:	Adults	Juv.	%
"Leguminocythereis" sp. A	3	3	37.50
Pectocythere sp. D	5		31.25
Pectocythere aff. P. quadrangulata Hanai, 1957	2		12.50
"Acanthocythereis" dunelmensis (Norman, 1865)		1	6.25
Loxoconcha sp. A		1	6.25
Cytheropteron sp. R	1		6.25
Total Ostracodes 16			

EGAL-75-KC Shipek-175

Latitude: 60° 09.4' N
Longitude: 145° 00.0' W
Water Depth: 33 meters

Lithology: Gray mud with very thin, surficial layer of sand.

Organisms: Calcareous Benthic Foraminifers
Pelecypods
Ostracodes
Plant Material

Ostracode Species:	Adults	Juv.	%
Cytheromorpha sp. A	1		50.00
Cytheromorpha sp. B		1	50.00
Total Ostracodes 2			

EGAL-75-KC Box Core-179B

Latitude: 60° 14.8' N
Longitude: 145° 26.9' W
Water Depth: 18 meters

Lithology: Fine-grained sand with thin clay layer at surface.

Organisms: Pelecypod Fragments

EGAL-75-KC Shipek-181

Latitude: 60° 01.0' N
Longitude: 144° 24.0' W
Water Depth: 33 meters

Lithology: Gray mud with slight amount of sand.

Organisms: Calcareous Benthic Foraminifers
Agglutinated and Proteinaceous Worm Tubes
Cheilostome Bryozoans
Pelecypods
Gastropods
Ostracodes

	Ostracode Species:	Adults	Juv.	%
	Pectocythere aff. P. quadrangulata Hanai, 1957	141	55	24.17
*	Robertsonites tuberculata (Sars, 1865)	11	150	19.85
	Loxoconcha sp. A	48	36	10.36
*	Buntonia sp. A	73	8	9.99
*	Cytheromorpha sp. B	48	7	6.78
	Palmanella limicola (Norman, 1865)	22	11	4.07
	Hemicythere aff. H. quadrinodosa Schornikov, 1975	5	27	3.95
	"Leguminocythereis" sp. A		26	3.21
	Cytheromorpha sp. A	24		2.96
	"Acanthocythereis" dunelmensis (Norman, 1865)	2	21	2.84
	Cythere aff. C. alveolivalva Smith, 1952	5	10	1.85
	Aurila sp. A	1	13	1.73
	Cythere sp. A	2	9	1.36
	Ambostracon sp. A		11	1.36
*	Pectocythere sp. D	5	3	0.99
	Loxoconcha sp. D	5	1	0.74
	Loxoconcha sp. E	3	2	0.62
	Pontocythere sp. A	5		0.62
	Cytheropteron sp. I	4		0.49
*	Argilloecia sp. A	3		0.37
	Hemicytherura sp. A		2	0.25
	Elofsonia sp. A	2		0.25
	Cytherura sp. F	2		0.25
	Argilloecia sp. B	2		0.25
	Cytheropteron sp.		1	0.12

Ostracode Species:	Adult	Juv.	%
Cytherois sp. A		1	0.12
paracyprid		1	0.12
Paradoxostoma sp. G		1	0.12
Acuminocythere sp. A		1	0.12
Paradoxostoma sp. B		1	0.12
Total Ostracodes 811			

EGAL-75-KC Van Veen-203

Latitude: 59° 32.5' N
Longitude: 144° 36.4' W
Water Depth: Not Determined

Lithology: Gray, gravelly mud.
Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Sponge Spicules
Cheilostome Bryozoans
Pelecypods
Echinoderm Spines

EGAL-75-KC Van Veen-219

Latitude: 59° 36.3' N
Longitude: 144° 17.4' W
Water Depth: 475 meters

Lithology: Gray mud.

Organisms: Radiolarians
Sponge Spicules
Ostracodes
Echinoderm Fragments

Ostracode Species:	Adults	Juv.	%
Cytheropteron sp. Q	1		100
Total Ostracodes 1			

EGAL-75-KC Shipek-221

Latitude: 59° 50.1' N
Longitude: 144° 27.4' W
Water Depth: 29 meters

Lithology: Olive- sandy mud overlying gray clay with some shell fragments.

Organisms: Calcareous Benthic Foraminifers
Planktic Foraminifers
Cheilostome Bryozoans
Pelecypods
Gastropods
Ostracodes
Echinoderm Spines
Fish Parts
Plant Debris

Ostracode Species:	Adults	Juv.	%
* Pectocythere sp. D	224	38	34.79
* Loxoconcha sp. A	95	125	29.22
"Leguminocythereis" sp. A	5	63	9.03
* Cytheromorpha sp. B	40	22	8.23
* Pectocythere aff. P. parkerae Swain and Gilby, 1974	58	2	7.97
Cytheromorpha sp. A	39	2	5.44
* Cytheromorpha sp. E	17		2.26
* Aurila sp. A	2	3	0.66
Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975	4	1	0.66
Pectocythere aff. P. quadrangulata Hanai, 1957		3	0.40
Cytheropteron sp. A	1	2	0.40
Cythere sp. A		2	0.27
"Leguminocythereis" sp. B		2	0.27
Cythere aff. C. alveolivalva Smith, 1952		1	0.13
Palmanella limicola (Norman, 1865)		1	0.13
Finmarchinella (Barentsovia) sp. A		1	0.13
Baffinicythere emarginata (Sars, 1865)		1	0.13
Loxoconcha sp. F	1		0.13

Total Ostracodes 753

EGAL-75-KC Box Core-223

Latitude: 59° 52.4' N
Longitude: 144° 18.7' W
Water Depth: 51 meters

Lithology: Muddy, fine-grained sand.

Organisms: Ostracodes

Ostracode Species:	Adults	Juv.	%
* "Leguminocythereis" sp. A	13	104	43.01
* Pectocythere sp. D	103	4	39.34
Loxoconcha sp. A	14	28	15.44
Cytheropteron sp. A	2	1	1.10
"Leguminocythereis" sp. B		2	0.74
Pectocythere aff. P. quadrangulata Hanai, 1957		1	0.37
Total Ostracodes 272			

EGAL-75-KC Shipek-225

Latitude: 59° 46.2' N
Longitude: 144° 11.5' W
Water Depth: 101 meters

Lithology: Gray mud.

Organisms: Pelecypods
Ostracodes

Ostracode Species:	Adults	Juv.	%
"Acanthocythereis" dunelmensis (Norman, 1865)		3	42.86
Palmanella limicola (Norman, 1865)	2		28.57
Robertsonites tuberculata (Sars, 1865)		1	14.29
Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975		1	14.29
Total Ostracodes 7			

EGAL-75-KC Shipek-227

Latitude: 59° 39.4' N
Longitude: 144° 04.9' W
Water Depth: 161 meters

Lithology: Very stiff, olive-gray mud with subrounded pebbles and shells.

Organisms: Radiolarians
Ostracodes

Ostracode Species:	Adults	Juv.	%
Cytheropteron aff. *C. latissimum* of Neale and Howe (1975)	3	2	55.56
Cytheropteron sp. G	2	1	33.33
Cytheropteron sp. L		1	11.11
Total Ostracodes 9			

EGAL-75-KC Van Veen-229

Latitude: 59° 34.0' N
Longitude: 144° 01.2' W
Water Depth: 1189 meters

Lithology: Stiff, gray-green mud.

Organisms: Radiolarians
Sponge Spicules
Ostracodes

Ostracode Species:	Adults	Juv.	%
"*Acanthocythereis*" *dunelmensis* (Norman, 1865)		1	100
unidentifiable fragment			
Total Ostracodes 1			

EGAL-75-KC Van Veen-231

Latitude: 59° 56.9' N
Longitude: 144° 09.7' W
Water Depth: 33 meters

Lithology: Gray sand.

Organisms: Calcareous Benthic Foraminifers
Bryozoans
Ostracodes
Echinoderm Fragments
Ophiuroids

Ostracode Species:	Adults	Juv.	%
"Leguminocythereis" sp. A		2	100
Total Ostracodes 2			

EGAL-75-KC Van Veen-232

Latitude: 59° 57.25' N
Longitude: 144° 09.9' W
Water Depth: 49 meters

Lithology: 2-3 cm of green-gray sand overlying gray mud, with sand layers.

Organisms: Pelecypod Fragments
Ostracodes
Echinoderm Fragment
Plant Fragments
Carbonaceous Plant Fragments

Ostracode Species:	Adults	Juv.	%
Pectocythere sp. D	11		68.75
Loxoconcha sp. A	1	1	12.50
Cytheromorpha sp. A	2		12.50
Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975		1	6.25
Total Ostracodes 16			

EGAL-75-KC Van Veen-233

Latitude: 59° 51.6' N
Longitude: 143° 53.25' W
Water Depth: 106 meters

Lithology: Olive-green mud overlying gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Radiolarians
Proteinaceous Worm Tubes
Pelecypods
Gastropods
Ostracodes
Echinoderm Fragments

Ostracode Species:	Adults	Juv.	%
* "Acanthocythereis" dunelmensis (Norman, 1865)	3	6	37.50
Palmanella limicola (Norman, 1865)		9	37.50
* Cytheropteron sp. Q	2		8.33
Cytheropteron sp. A	1	1	8.33
Pectocythere aff. P. quadrangulata] Hanai, 1957		1	4.17
Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975		1	4.17
Total Ostracodes 24			

EGAL-75-KC Van Veen-237

Latitude: 59° 51.7' N
Longitude: 143° 42.5' W
Water Depth: 225 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Proteinaceous Worm Tubes
Pelecypods
Ostracodes
Echinoderm Spines
Plant Debris
Diatoms

Ostracode Species:	Adults	Juv.	%
* Cluthia cluthae (Brady, Crosskey, and Robertson, 1874)		2	66.67
Palmanella limicola (Norman, 1865)		1	33.33
Total Ostracodes 3			

EGAL-75-KC Van Veen-239

Latitude: 59° 55.6' N
Longitude: 143° 32.4' W
Water Depth: 252 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Scaphopod Fragments
Ostracodes

Ostracode Species:	Adults	Juv.	%
Palmanella limicola (Normanm, 1865)		1	100
Total Ostracodes 1			

EGAL-75-KC Van Veen-241

Latitude: 59° 43.2' N
Longitude: 143° 26.6' W
Water Depth: 311 meters

Lithology: Olive-gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Radiolarians
Sponge Spicules
Fish Parts
Diatoms

EGAL-75-KC Van Veen-242

Latitude: 59° 39.7' N
Longitude: 143° 22.9' W
Water Depth: 289 meters

Lithology: Olive-gray mud.

Organisms: Calcareous Benthic Foraminifers

EGAL-75-KC Van Veen-243

Latitude: 59° 34.9' N
Longitude: 143° 19.9' W
Water Depth: 238 meters

Lithology: Olive-gray mud with sand, gravel and cobbles.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Sponge Spicules
Cheilostome Bryozoans
Pelecypods
Scaphopods
Ophiuroid Parts
Echinoderm Fragments and Spines

EGAL-75-KC Van Veen-249

Latitude: 59° 58.4' N
Longitude: 143° 23.0' W
Water Depth: 152 meters

Lithology: Gray mud.

Organisms: Pelecypods
Ostracodes

Ostracode Species:	Adults	Juv.	%
"Acanthocythereis" dunelmensis (Norman, 1865)	1	6	41.18
Palmanella limicola (Norman, 1865)	5		29.41
* Buntonia sp. A	2		11.76
Robertsonites tuberculata (Sars, 1865)		2	11.76
Cytheropteron sp. D	1		5.88

Total Ostracodes 17

EGAL-75-KC Shipek-254A

Latitude: 59° 31.3' N
Longitude: 142° 39.5' W
Water Depth: 403 meters

Lithology: Muddy gravel.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Sponge Spicules

EGAL-75-KC Van Veen-258

Latitude: 59° 57.5' N
Longitude: 142° 412.0' W
Water Depth: 108 meters

Lithology: About 1-2 cm of olive-green, soupy mud overlying gray, mottled mud.

Organisms: Calcareous Benthic Foraminifers
Planktic Foraminifers
Agglutinated Worm Tubes
Pelecypods
Ostracodes
Echinoderm Fragments
Plant Debris

Ostracode Species:	Adults	Juv.	%
Palmanella limicola (Norman, 1865)	6	16	37.93
"Acanthocythereis" dunelmensis (Norman, 1865)	2	8	17.24
Cytheropteron aff. C. latissimum of Neale and Howe (1975)	2	3	8.62
Munseyella sp. A	5		8.62
Eucytherura sp. A	2	1	5.17
Pectocythere sp. D		2	3.45
Robertsonites tuberculata (Sars, 1865)		2	3.45
Cytheropteron sp. D	1	1	3.45
Cytheromorpha sp. B		1	1.72

Ostracode Species:	Adult	Juv.	%
Pectocythere aff. P. quadrangulata Hanai, 1957		1	1.72
Cytheropteron sp. G	1		1.72
Cytheropteron sp. A		1	1.72
Paradoxostoma sp. I		1	1.72
Loxoconcha sp. B	1		1.72
Buntonia sp. A		1	1.72

Total Ostracodes 58

EGAL-75-KC Shipek-264

Latitude: 59° 49.5' N
Longitude: 142° 30.0' W
Water Depth: 134 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Pelecypods
Ostracodes

Ostracode Species:	Adults	Juv.	%
"Acanthocythereis" dunelmensis (Norman, 1865)	3	16	45.24
Palmanella limicola (Norman, 1865)	2	3	11.90
Cytheropteron aff. C. latissimum of Neale and Howe (1975)	5		11.90
Robertsonites tuberculata (Sars, 1865)	1	3	9.52
Cytheropteron sp. L	1	2	7.14
Munseyella sp. A	2		4.76
Cytheropteron sp. G	2		4.76
Loxoconcha sp. A		1	2.38
Paradoxostoma sp. B		1	2.38

Total Ostracodes 42

EGAL-75-KC Shipek-265

Latitude: 59° 46.2' N
Longitude: 142° 29.9' W
Water Depth: 181 meters

Lithology: Olive-gray mud with pebbles.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Proteinaceous Worm Tubes
Pelecypods
Ostracodes
Echinoderm Fragments

Ostracode Species:	Adults	Juv.	%
Robertsonites tuberculata (Sars, 1865)		2	66.67
Palmanella limicola (Norman, 1865)	1		33.33
Total Ostracodes 3			

EGAL-75-KC Shipek-266

Latitude: 59° 42.5' N
Longitude: 142° 34.0' W
Water Depth: 262 meters

Lithology: Olive mud with cobbles and gravel.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Sponge Spicules
Agglutinated and Proteinaceous Worm Tubes
Ostracodes
Echinoderm Spines and Fragments
Diatoms

Ostracode Species:	Adults	Juv.	%
Eucytherura sp. A		1	100
Total Ostracodes 1			

EGAL-75-KC Shipek-268

Latitude: 59° 40.7' N
Longitude: 142° 21.6' W
Water Depth: 174 meters

Lithology: Olive-gray mud layer overlying gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Sponge Spicules
Proteinaceous Worm Tubes
Pelecypods
Ostracodes
Echinoderm Debris
Plant Debris

Ostracode Species:	Adults	Juv.	%
Eucytherura sp. A	7	5	38.71
"*Acanthocythereis*" *dunelmensis* (Norman, 1865)		8	25.81
Cytheropteron aff. *C. latissimum* of Neale and Howe (1975)	1	3	12.90
Krithe sp A		2	6.45
Cytheropteron sp. L	1	1	6.45
Palmanella limicola (Norman, 1865)	1		3.23
Sclerochilus sp. C	1		3.23
Munseyella sp. A	1		3.23

Total Ostracodes 31

EGAL-75-KC Van Veen-284

Latitude: 59° 50.0' N
Longitude: 142° 14.2' W
Water Depth: 86 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Pelecypods
Ostracodes
Plant Debris

Ostracode Species:	Adults	Juv.	%
* "Acanthocythereis" dunelmensis (Norman, 1865)	25	43	30.09
Robertsonites tuberculata (Sars, 1865)		50	22.12
* Palmanella limicola (Norman, 1865)	20	15	15.49
* Pectocythere aff. P. quadrangulata Hanai, 1957	26	4	13.27
Buntonia sp. A	8	2	4.43
Eucytherura sp. A	7		3.10
Cytheropteron sp. E	2	4	2.66
Cytheropteron aff. C. latissimum of Neale and Howe (1975)	5		2.21
Munseyella sp. A	4		1.77
Cytheropteron sp. G	2		0.89
Cytheropteron sp. H		2	0.89
Cytheromorpha sp. D	2		0.89
Cytheropteron sp. F	1		0.44
Pectocythere aff. P. parkerae Swain and Gilby, 1974	1		0.44
Cytheropteron sp. D	1		0.44
Cytheropteron sp. A	1		0.44

Total Ostracodes 226

EGAL-75-KC Shipek-294

Latitude: 59° 48.7' N
Longitude: 141° 25.0' W
Water Depth: 29 meters

Lithology: Fine-grained, gray sand.

Organisms: Calcareous Benthic Foraminifers
Pelecypods
Ostracodes

Ostracode Species:	Adults	Juv.	%
Pectocythere sp. D	1		100

Total Ostracodes 1

EGAL-75-KC Van Veen-306

Latitude: 59° 30.4' N
Longitude: 141° 30.0' W
Water Depth: 161 meters

Lithology: Gray-green mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Proteinaceous Worm Tubes
Pelecypods
Ostracodes

Ostracode Species:	Adults	Juv.	%
Palmanella limicola (Norman, 1865)	6	3	37.50
"*Acanthocythereis*" *dunelmensis* (Norman, 1865)		6	25.00
Krithe sp. A	3	2	20.83
Munseyella sp. A	4		16.67

Total Ostracodes 24

EGAL-75-KC Van Veen-307

Latitude: 59° 28.9' N
Longitude: 141° 27.8' W
Water Depth: 165 meters

Lithology: Thin layer of green mud overlying gray mud.

Organisms: Calcareous Benthic Foraminifers
Ostracodes

Ostracode Species:	Adults	Juv.	%
Palmanella limicola (Norman, 1865)	7	6	38.24
"*Acanthocythereis*" *dunelmensis* (Norman, 1865)		9	26.47
Krithe sp. A		5	14.71
Munseyella sp. A	5		14.71
Cytheropteron sp. Q	1	1	5.88

Total Ostracodes 34

EGAL-75-KC Van Veen-310

Latitude: 59° 22.1' N
Longitude: 141° 09.5' W
Water Depth: 298 meters

Lithology: Green, muddy, fine-grained sand.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Sponge Spicules
Worm Tubes
Gastropods
Ophiuroids
Echinoderm Fragments and Spines
Diatoms

EGAL-75-KC Van Veen-326

Latitude: 59° 24.6' N
Longitude: 140° 14.5' W
Water Depth: 183 meters

Lithology: Gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Sponge Spicules
Proteinaceous Worm Tubes
Pelecypods
Ostracodes
Echinoderm Fragments
Diatoms

Ostracode Species:	Adults	Juv.	%
"Acanthocythereis" dunelmensis (Norman, 1865)		6	46.15
Palmanella limicola (Norman, 1865)	3		23.08
Krithe sp. A		2	15.39
Cytheropteron sp. L	1		7.69
Cytherois sp. A	1		7.69

Total Ostracodes 13

EGAL-75-KC Van Veen-331

Latitude: 59° 56.1' N
Longitude: 143° 53.4' W
Water Depth: 66 meters

Lithology: Olive-green mud overlying gray mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Pelecypods
Ostracodes
Plant Debris

Ostracode Species:	Adults	Juv.	%
Cytheropteron sp. A	10	13	32.86
Loxoconcha sp. A	5	10	21.43
Palmanella limicola (Normanm, 1865)	5	5	14.29
"Leguminocythereis" sp. A		6	8.57
Pectocythere sp. D	3	1	5.71
"Acanthocythereis" dunelmensis (Norman, 1865)		2	2.86
Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975		2	2.86
Hemicytherura sp. B			
Finmarchinella (Barentsovia) sp. A	1		1.43
Hemicythere aff. H. quadrinodosa Schornikov, 1974		1	1.43
Paradoxostoma sp. B	1		1.43
Paradoxostoma sp. G	1		1.43
Cytheromorpha sp. D	1		1.43
Cluthia sp. A		1	1.43

Total Ostracodes 70

EGAL-75-KC Van Veen-334

Latitude: 59° 37.6' N
Longitude: 143° 34.0' W
Water Depth: 145 meters

Lithology: Pebbly mud.

Organisms: Sponge Spicules

EGAL-75-KC Shipek-348

Latitude: 59° 31.8' N
Longitude: 142° 24.8' W
Water Depth: 631 meters

Lithology: Homogeneous olive-gray mud.

Organisms: Calcareous Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Sponge Spicules
Proteinaceous Worm Tubes
Ophiuroid Plates
Diatoms

EGAL-75-KC Shipek-349

Latitude: 59° 32.6' N
Longitude: 142° 30.5' W
Water Depth: 714 meters

Lithology: Homogeneous olive-green mud.

Organisms: Calcareous Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Sponge Spicules
Proteinaceous Worm Tubes
Pelecypods
Ophiuroid Plates
Diatoms

EGAL-75-KC Van Veen-350

Latitude: 59° 34.3' N
Longitude: 142° 33.0' W
Water Depth: 578 meters

Lithology: Very soft, olive mud.

Organisms: Calcareous Benthic Foraminifers
Planktic Foraminifers
Sponge Spicules
Proteinaceous Worm Tubes
Pelecypods
Fish Scales
Diatoms

EGAL-75-KC Van Veen-351

Latitude: 59° 35.0' N
Longitude: 142° 44.3' W
Water Depth: 615 meters

Lithology: Green mud.

Organisms: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Sponge Spicules
Proteinaceous Worm Tubes
Echinoderm Fragments
Ophiuroid Spines
Diatoms

EGAL-75-KC Shipek-405

Latitude: 59° 52.4' N
Longitude: 141° 37.5' W
Water Depth: 24 meters

Lithology: Gray mud with numerous pebbles.

Organisms: Rare Benthic Foraminifers
Pelecypod Fragments

EGAL-75-KC Shipek-406

Latitude: 59° 53.0' N
Longitude: 141° 36.5' W
Water Depth: 26 meters

Lithology: Very stiff gray clay with some pebbles.

Organisms: Calcareous Benthic Foraminifers
Pelecypods
Ostracodes

Ostracode Species:	Adults	Juv.	%
Cytheropteron sp. A	1		100
Total Ostracodes 1			

EGAL-75-KC Shipek-407

Latitude: 59° 52.62' N
Longitude: 141° 35.25' W
Water Depth: 35 meters

Lithology: Mud with encrusting organisms at surface, with cobbles, gravel and sand.

Organisms: Calcareous Benthic Foraminifers
Bryozoans
Pelecypods
Cirriped Plates

EGAL-75-KC Shipek-409

Latitude: 59° 51.7' N
Longitude: 141° 32.2' W
Water Depth: 35 meters

Lithology: Fine-grained, dark sand.

Organisms: Pelecypod Fragments

EGAL-75-KC Shipek-412

Latitude: 59° 53.61' N
Longitude: 141° 35.15' W
Water Depth: 40 meters

Lithology: Dark gray clay with thin veneer of pebbles and shell fragments.

Organisms: Calcareous Benthic Foraminifers
Cheilostome Bryozoans
Pelecypods
Cirriped Plates

EGAL-75-KC Shipek-414

Latitude: 59° 55.99' N
Longitude: 141° 37.6' W
Water Depth: 26 meters

Lithology: Stiff gray clay overlain by veneer of pebbles.

Organisms: Calcareous Benthic Foraminifers
Pelecypod Fragments
Echinoderm Spine

EGAL-75-KC Shipek-415

Latitude: 59° 55.22' N
Longitude: 141° 36.45' W
Water Depth: 31 meters

Lithology: Olive-green mud with pebbles and cobbles overlying gray mud.

Organisms: Calcareous Benthic Foraminifers
Bryozoans
Pelecypods

EGAL-75-KC Shipek-422

Latitude: 59° 55.8' N
Longitude: 141° 35.6' W
Water Depth: 68 meters

Lithology: Gray mud with some sand.

Organisms: Calcareous Benthic Foraminifers
Pelecypods
Ostracodes
Diatoms

Ostracode Species:	Adults	Juv.	%
Cytheropteron sp. A	23	18	58.57
Cytheropteron sp. N	7		10.00
Hemicytherura sp. A	2	5	10.00
Loxoconcha sp. D	2	2	5.71
Cytheromorpha sp. B	2		2.86
Cytherura sp. F	2		2.86
Paradoxostoma sp. H	2		2.86
Hemicytherura sp. B	1		1.43
Paradoxostoma sp. G	1		1.43
Cytheropteron sp. F	1		1.43
Loxoconcha sp. A		1	1.43
Cytheropteron sp. E		1	1.43

Total Ostracodes 70

EGAL-75-KC Shipek-423

Latitude: 59° 55.5' N
Longitude: 141° 35.9' W
Water Depth: 27 meters

Lithology: Stiff gray clay with coarse sand and cobbles at surface.

Organisms: Rare Pelecypod Fragments

EGAL-75-KC Shipek-425

Latitude: 59° 56.7' N
Longitude: 141° 35.1' W
Water Depth: 59 meters

Lithology: Green soupy mud overlying gray mud.

Organisms: Rare Calcareous Benthic Foraminifers
Pelecypods
Gastropod
Ostracodes
Plant Debris

Ostracode Species:	Adults	Juv.	%
Cytheropteron sp. A	3	5	72.73
Cytheropteron aff. *C. nodosoalatum* Neale and Howe, 1975		1	9.09
Candona sp.		1	9.09
Bythocythere sp. B	1		9.09
Total Ostracodes 11			

EGAL-75-KC Shipek-427

Latitude: 59° 55.45' N
Longitude: 141° 32.7' W
Water Depth: 71 meters

Lithology: Olive-green mud overlying gray-green mud.

Organisms: Occasional Calcareous Benthic Foraminifers
Pelecypod
Ostracodes
Diatoms

Ostracode Species:	Adults	Juv.	%
Cytheropteron sp. A		1	100
Total Ostracodes 1			

EGAL-75-KC Shipek-428

Latitude: 59° 54.7' N
Longitude: 141° 30.1' W
Water Depth: 49 meters

Lithology: Dark gray, soupy sand with much organic material.

Organisms: Rare Calcareous Benthic Foraminifers
Pelecypods
Gastropods
Ostracodes
Plant Debris
Diatoms

Ostracode Species:	Adults	Juv.	%
Loxoconcha sp. A		2	28.57
Cytheromorpha sp. B		1	14.29
Cytheropteron sp. I	1		14.29
Cytherura sp. D		1	14.29
Cythere sp. A		1	14.29
Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975		1	14.29
Total Ostracodes 7			

EGAL-75-KC Shipek-429

Latitude: 59° 55.5' N
Longitude: 141° 30.6' W
Water Depth: 60 meters

Lithology: Green soupy mud overlying gray-green, clayey sand.

Organisms: Pelecypods
Ostracodes
Diatoms

Ostracode Species:	Adults	Juv.	%
Hemicytherura sp. C	1		100
Total Ostracodes 1			

EGAL-75-KC Shipek-431

Latitude: 59° 56.5' N
Longitude: 141° 33.3' W
Water Depth: 59 meters

Lithology: Olive-green mud overlying gray mud.

Organisms: Calcareous Benthic Foraminifers
Pelecypods
Ostracodes
Plant Debris

Ostracode Species:	Adults	Juv.	%
Cytheropteron sp. A		4	50.00
Cytheropteron sp. E		2	25.00
Cytheropteron aff. *C. nodosoalatum* Neale and Howe, 1975	1		12.50
Pseudocythere sp. A	1		12.50
Total Ostracodes 8			

EGAL-75-KC Shipek-432

Latitude: 59° 57.2' N
Longitude: 141° 31.6' W
Water Depth: 68 meters

Lithology: Green mud.

Organisms: Calcareous Benthic Foraminifers
Pelecypods
Ostracodes
Diatoms

Ostracode Species:	Adults	Juv.	%
Cytheropteron sp. A	14	18	96.97
Loxoconcha sp. A		1	3.03
Total Ostracodes 33			

EGAL-75-KC Shipek-433

Latitude: 59° 57.5' N
Longitude: 141° 30.8' W
Water Depth: 68 meters

Lithology: Olive-green mud with some sand overlying gray mud.

Organisms: Calcareous Benthic Foraminifers
Pelecypods
Ostracodes

Ostracode Species:	Adults	Juv.,	%
Cytheropteron sp. A	11	26	100
Total Ostracodes 37			

REFERENCE CITED

Brouwers, E. M., 1981, Tabulation of the ostracode assemblages and associated organisms from selected bottom grab samples taken in the northeast Gulf of Alaska, F.R.S. Townsend Cromwell Cruise EGAL-75-KC, 1975: U.S. Geological Survey Open-File Report 81-1314 134 p.