UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

TABULATION OF THE OSTRACODE ASSEMBLAGES AND ASSOCIATED FAUNA AND FLORA FROM VAN VEEN SAMPLES TAKEN IN THE NORTHEAST GULF OF ALASKA, R/V DISCOVERER CRUISE DC2-80-EG, JUNE, 1980.

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OPEN FILE REPORT 82-390

INTRODUCTION

The U.S. Geological Survey is presently conducting studies of the Alaskan continental shelf to determine the type and distribution of geologic conditions that could prove hazardous to resource development. Detailed analyses of the sediment distribution, depositional environments, and shallow structure of the northeast Gulf of Alaska began in 1974 (see Molnia and Carlson, 1980, for references). As part of the northeast Gulf of Alaska project, I am establishing a modern datum of the dominant environmental factors that control or contribute to the distributional patterns of modern ostracode species. This information forms a vital part of the interpretive aspects of Neogene and Quaternary stratigraphic and paleoenvironmental studies in this region.

This report tabulates the fauna and flora contained in 109 Van Veen samples collected by the NOAA ship Discoverer (DC2-80-EG) during June, 1980 from the northeast Gulf of Alaska continental shelf (figs. 1-6). Eighty-five species of ostracodes found in the samples were identified and counted, juveniles were differentiated from adults, and the percentage that each species comprises of the entire assemblage was calculated.

All of the samples examined were collected by means of a Van Veen bottom grab sampling device. Forty-one samples were collected by the R/V Discoverer; the remaining 68 samples were collected by a small motorboat or whaleboat that could sample closer to shore (table 1). All of the latter samples are assumed to have been collected from water depths of less than 20 meters, but no actual water depth measurements were made.

At least 500 grams of raw sediment was available from each locality. All samples were washed on a number 200 mesh sieve (75 micrometer opening).

Washed sediment was sorted by a set of nested sieves and examined to a sieve size of 180 micrometers.

The term rare is used in a qualitative sense, denoting an abundance of less than 10 organisms or recognizable fragments occurring in 227 grams (8 ounces) of washed material. The counts of ostracode species refers to the total number of valves or recognizable fragments; a carapace is counted as two valves. All samples containing ostracodes were completely stripped of ostracode valves 180 micrometers or larger.

Most of the samples collected are modern, and consist of living and recently dead individuals. An asterisk (*) at the left of a particular species binomen indicates that specimens of that species contained soft parts. I interpret this to indicate that such individuals were living at that site when the sample was collected. Several of the samples contain ostracode species that do not presently live in the Gulf of Alaska, occurring only as fossils. These are indicated by the letter (F) adjacent to the binomen. Undoubtedly, other species not indicated are fossil occurrences as well, but more modern distributional data is needed to sort these out.

The lithologic descriptions presented for each sample represent the initial shipboard examinations, which were described by several individuals. As such, these determinations should be considered as relatively imprecise and not necessarily consistent. Lithology was included in this report to indicate faunal associations with a particular substrate type.

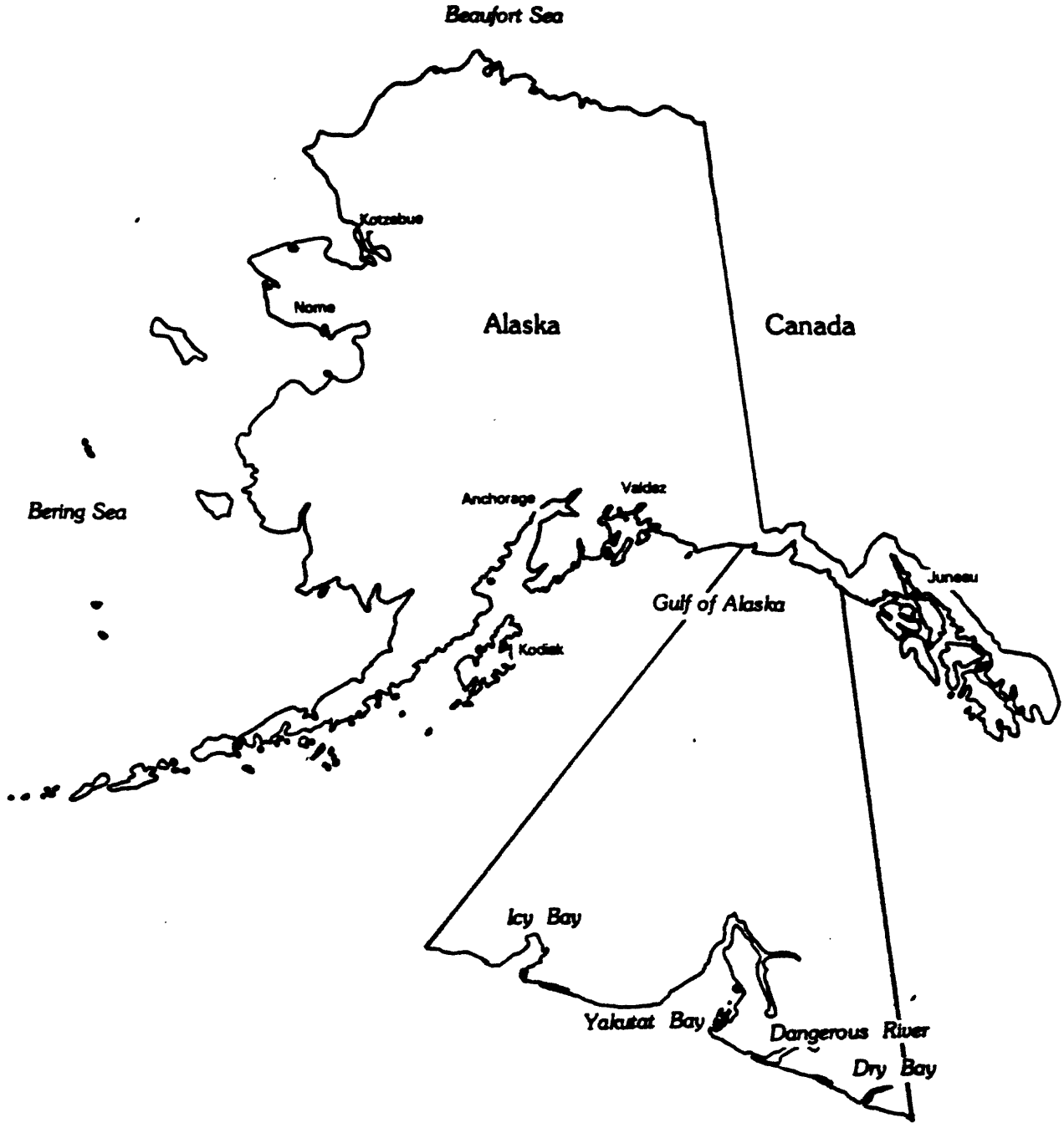

Figure 1.—Map showing the region in Alaska covered in this report.

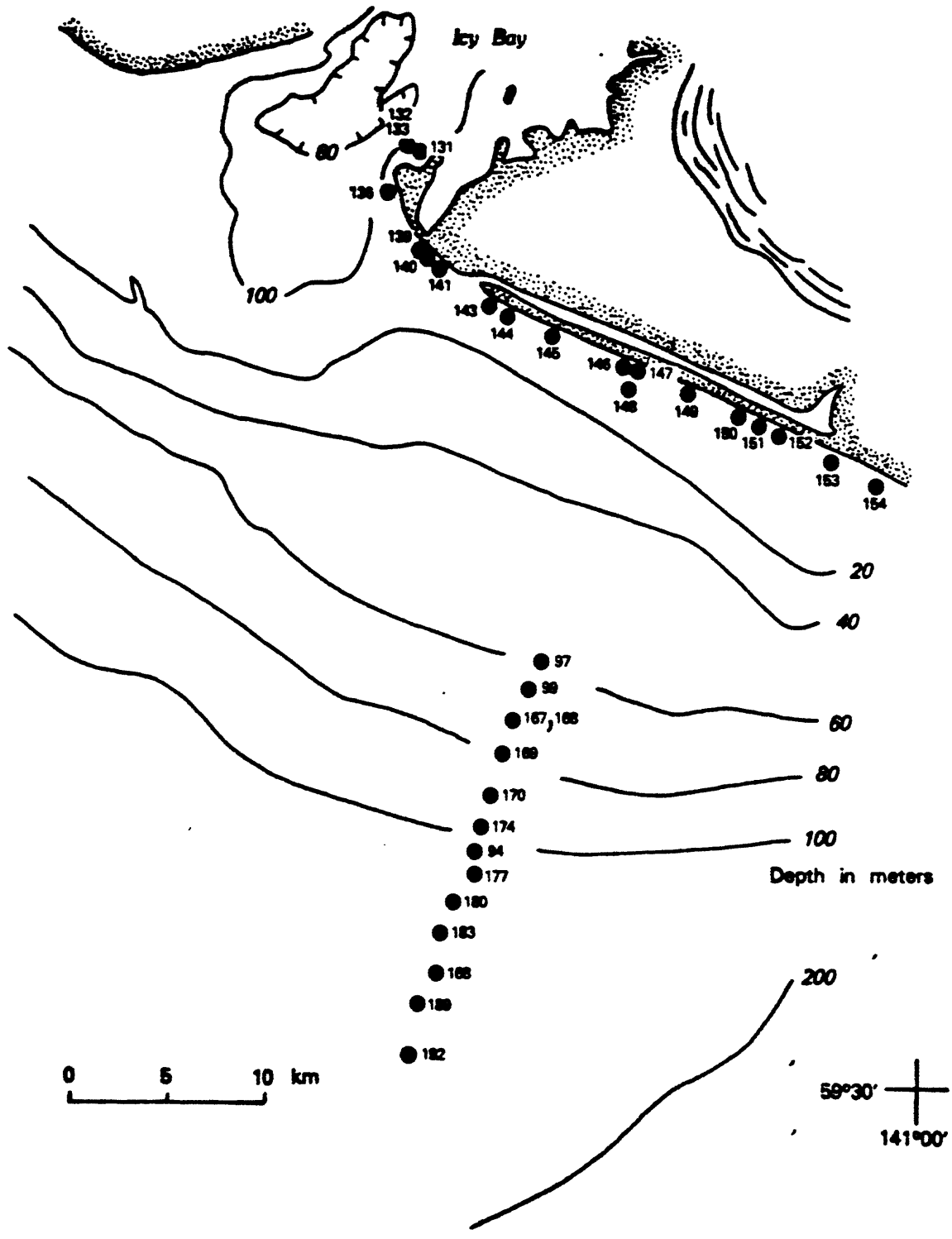

Figure 2.—Locality map showing samples collected near Icy Bay, from latitude 59° 30' N. to 60° 00' N. and longitude 141° 00' W.

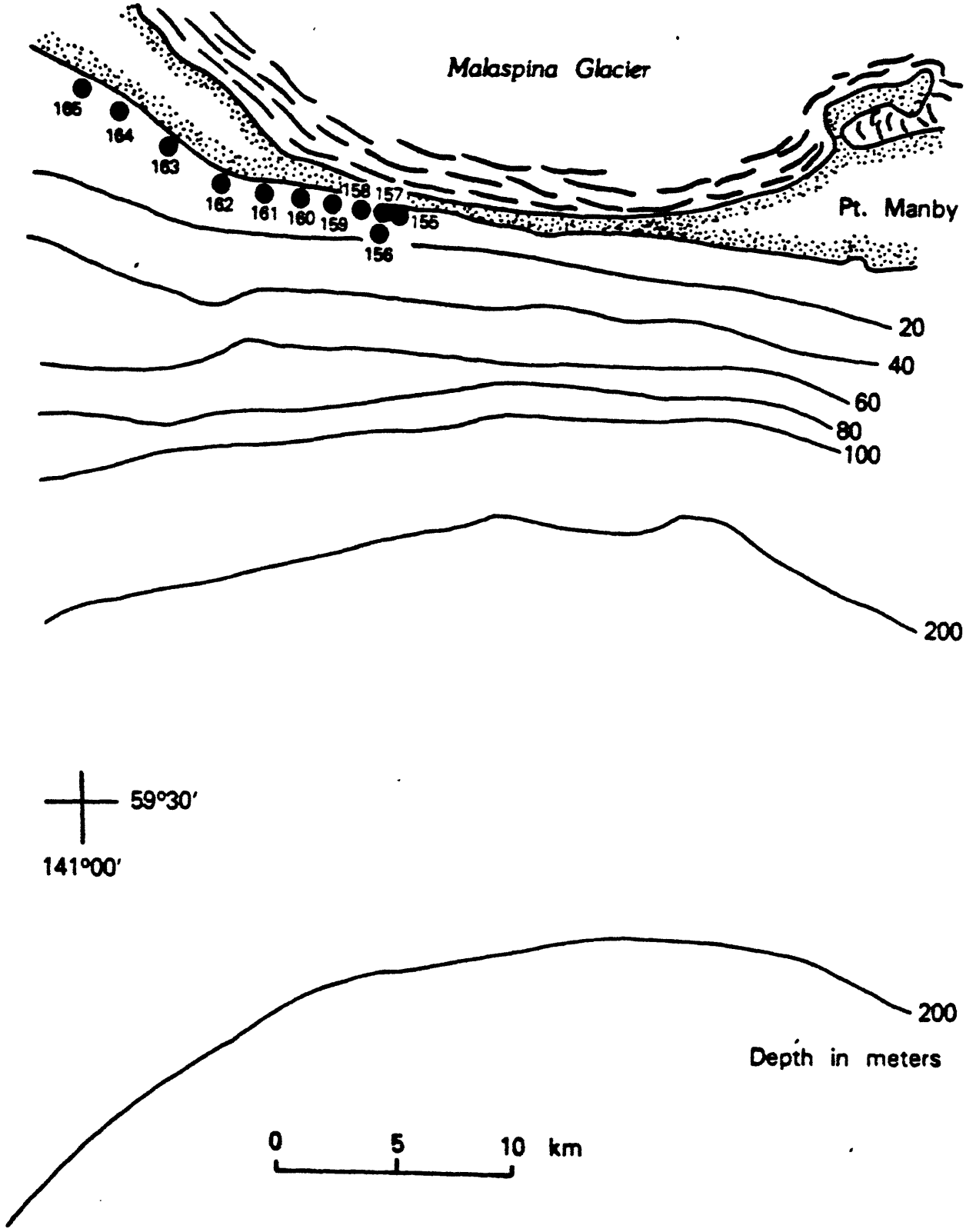

Figure 3.--Locality map showing samples collected between Icy Bay and Point Manby, from latitude 59° 45' N. to 59° 15' N. and longitude 140° 30' W. to 141° 00' W.

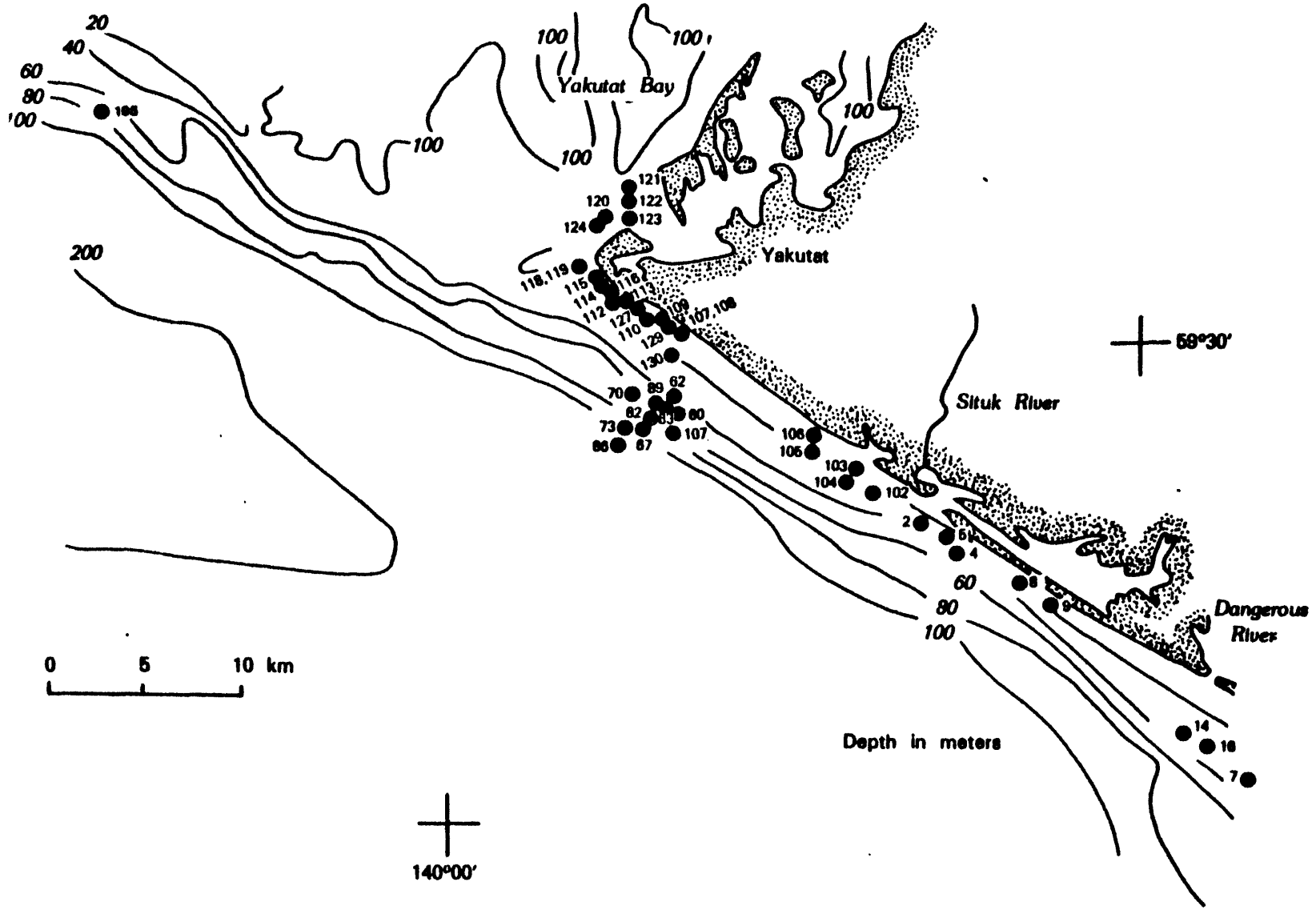

Figure 4.--Locality Map showing samples collected from Yakutat Bay to the Dangerous River, from latitude 59° 15' N. to 59° 45' N. and longitude 139° 30' W. to 140° 30' W.

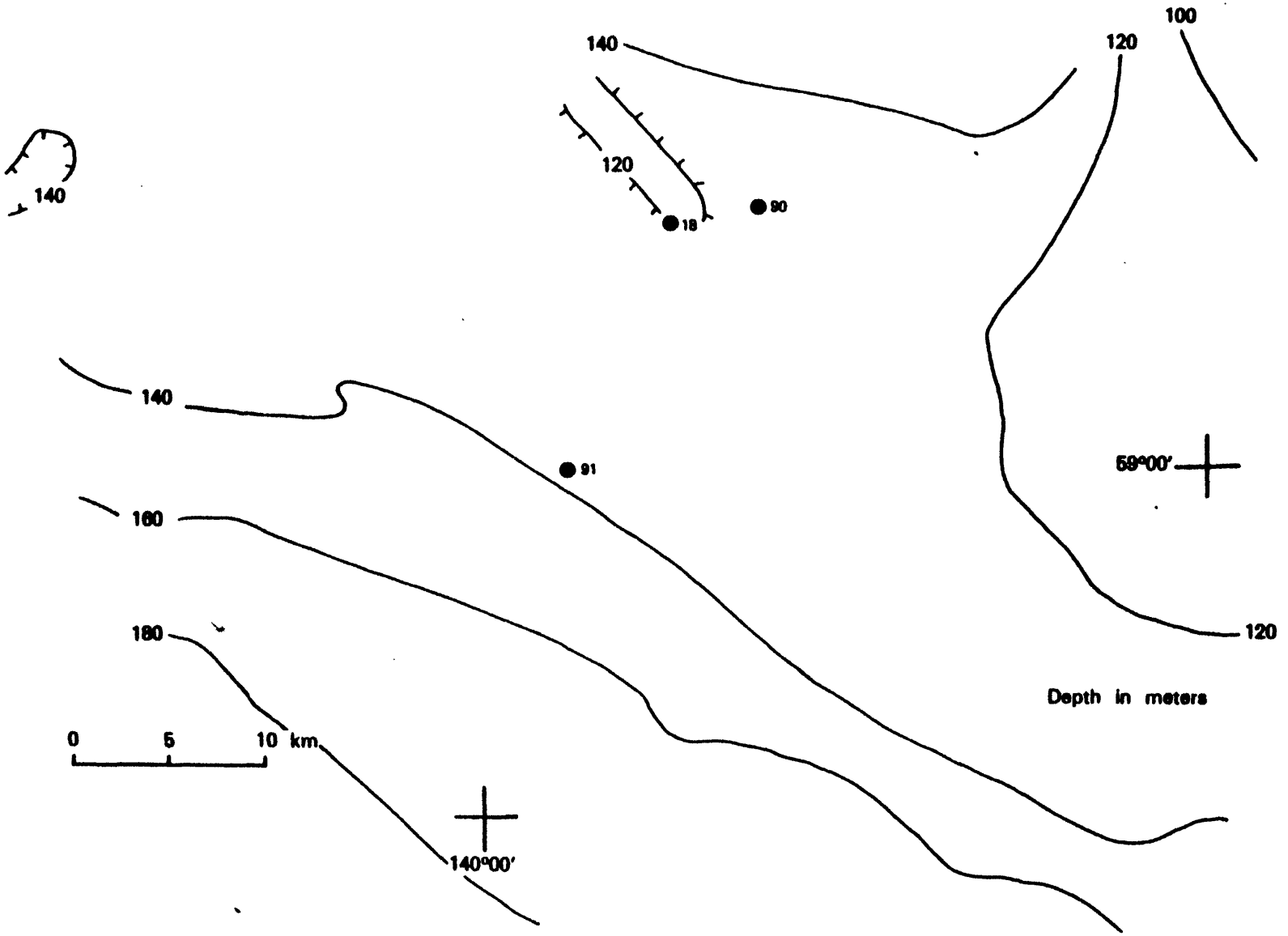

Figure 5.--Locality map showing samples collected south of Yakutat Bay, from latitude 58° 45' N. to 59° 15' N. and longitude 139° 30' W. to 140° 30' W.

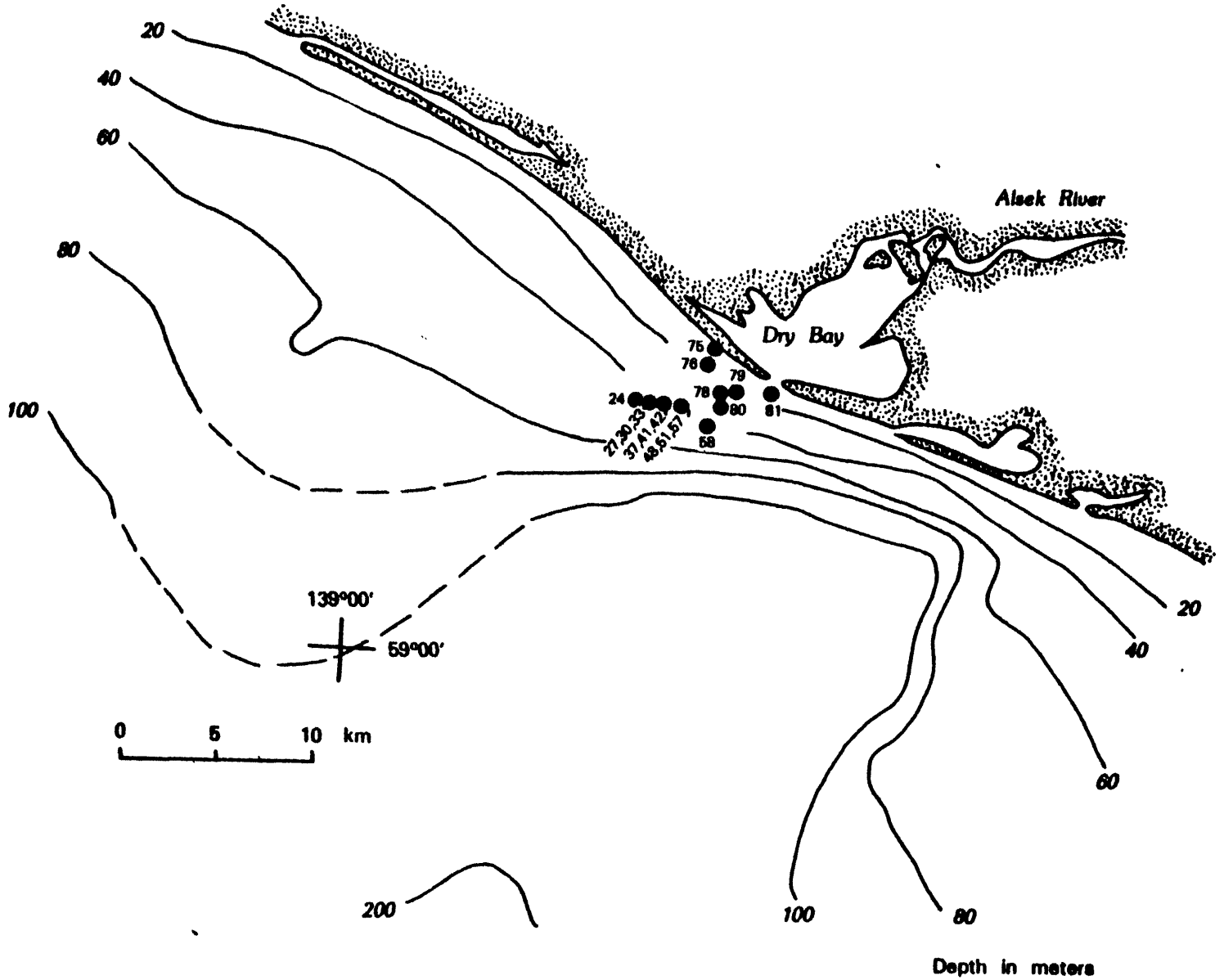

Figure 6.--Locality map showing samples collected near Dry Bay, from latitude 58° 45' N. to 59° 15' N. and longitude 138° 30' W. to 139° 15' W.

Table 1.--List of Van Veen samples examined, and means of collection, Cruise DC2-80-EG

VAN VEEN NUMBER	COLLECTED FROM	VAN VEEN NUMBER	COLLECTED FROM
1	R/V DISCOVERER	79	Small Boat
2	Small Boat	80	Small Boat
4	Small Boat	81	Small Boat
5	Small Boat	82	R/V DISCOVERER
7	R/V DISCOVERER	86	R/V DISCOVERER
8	Small Boat	89	R/V DISCOVERER
9	Small Boat	90	R/V DISCOVERER
14	Small Boat	91	R/V DISCOVERER
16	R/V DISCOVERER	94	R/V DISCOVERER
18	R/V DISCOVERER	97	R/V DISCOVERER
24	R/V DISCOVERER	99	R/V DISCOVERER
27	R/V DISCOVERER	102	Small Boat
30	R/V DISCOVERER	103	Small Boat
33	R/V DISCOVERER	104	Small Boat
37	R/V DISCOVERER	105	Small Boat
41	R/V DISCOVERER	106	Small Boat
42	R/V DISCOVERER	107	Small Boat
48	R/V DISCOVERER	108	Small Boat
51	R/V DISCOVERER	109	Small Boat
57	R/V DISCOVERER	110	Small Boat
58	R/V DISCOVERER	112	Small Boat
60	R/V DISCOVERER	113	Small Boat
62	R/V DISCOVERER	114	Small Boat
63	R/V DISCOVERER	115	Small Boat
67	R/V DISCOVERER	116	Small Boat
70	R/V DISCOVERER	118	Small Boat
73	R/V DISCOVERER	119	Small Boat
75	Small Boat	120	Small Boat
76	Small Boat	121	Small Boat
78	Small Boat	122	Small Boat
123	Small Boat	160	Small Boat
124	Small Boat	161	Small Boat
127	Small Boat	162	Small Boat
129	Small Boat	163	Small Boat
130	Small Boat	164	Small Boat
131	Small Boat	165	Small Boat
132	Small Boat	167	R/V DISCOVERER
133	Small Boat	168	R/V DISCOVERER
134	Small Boat	169	R/V DISCOVERER
135	Small Boat	170	R/V DISCOVERER
136	Small Boat	174	R/V DISCOVERER
139	Small Boat	177	R/V DISCOVERER
140	Small Boat	180	R/V DISCOVERER
141	Small Boat	183	R/V DISCOVERER
143	Small Boat	186	R/V DISCOVERER
144	Small Boat	189	R/V DISCOVERER
145	Small Boat	192	R/V DISCOVERER
146	Small Boat	195	R/V DISCOVERER
147	Small Boat		

Table 1.--List of Van Veen samples examined, and means of collection, Cruise DC2-80-EG--Continued

VAN VEEN NUMBER	COLLECTED FROM	VAN VEEN NUMBER	COLLECTED FROM
148	Small Boat		
149	Small Boat		
150	Small Boat		
151	Small Boat		
152	Small Boat		
153	Small Boat		
154	Small Boat		
155	Small Boat		
156	Small Boat		
157	Small Boat		
158	Small Boat		
159	Small Boat		

Table 2--Alphabetical list of all of the ostracode species reported from cruise DC2-80-EG

"Acanthocythereis" dunelmensis (Norman, 1865)
Argilloecia sp. A
Aurila sp. A
"Australicythere" sp. A
Buntonia sp. A
Bythocytheromorpha sp. C
Candona rawsoni Tressler, 1957
Candona sp.
Cluthia sp. A
Cyclocypris ampla Furtos, 1933
Cyclocypris sp
Cyprinotus salinus (Brady, 1868)
Cyprinotus sp.
Cythere aff. C. alveolivala Smith, 1952
Cythere sp. A
Cytheromorpha sp. A
Cytheromorpha sp. B
Cytheromorpha sp. C
Cytheromorpha sp. D
Cytheromorpha sp. E
Cytherois sp. A
Cytherois sp. B
Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975
Cytheropteron aff. C. latissimum of Neale and Howe (1975)
Cytheropteron sp. A
Cytheropteron sp. B
Cytheropteron sp. D
Cytheropteron sp. E
Cytheropteron sp. F
Cytheropteron sp. G
Cytheropteron sp. H
Cytheropteron sp. I
Cytheropteron sp. J
Cytheropteron sp. K
Cytheropteron sp. L
Cytheropteron sp. N
Cytheropteron sp. Q
Cytheropteron sp. R
Cytheropteron sp. S
Cytheropteron sp. W
Cytherura sp. C
Elofsonia sp. A
Eucythere sp. A
Eucytherura sp. A
Eucytherura sp. B
Eucytherura sp C
Finmarchinella (Barentsovia) barentzovoensis Mandelstam, 1957
Hemicythere aff. H. quadrinodosa Schornikov, 1974

Table 2.--Alphabetical list of all of the ostracode species reported from Cruise DC2-80-EG--Continued

Hemicythere sp.
Hemicytherura sp. A
Hemicytherura sp. B
Hemicytherura sp. C
Ilyocypris bradii Sars, 1890
"Leguminocythereis" sp. A
"Leguminocythereis" sp. B
Limnocythere sp.
Loxoconcha sp. A
Loxoconcha sp. B
Loxoconcha sp. D
Loxoconcha sp. F.
Munseyella sp. A
Munseyella sp. B
Palmanella limicola (Norman, 1865)
Paracypris sp. A
Paracytheridea sp. A
Paradoxostoma aff. P. brunneatum Schornikov, 1975
Paradoxostoma aff. P. japonicum Schornikov, 1975
Paradoxostoma sp. D
Paradoxostoma sp. I
Paradoxostoma sp. J
Pectocythere aff. P. quadrangulata Hanai, 1957
Pectocythere aff. P. parkerae Swain and Gilby, 1974
Pectocythere sp. D
Pontocythere sp. A
Prionocypris canadensis Sars, 1926
Prionocypris sp.
Pseudocythere sp. A
Pseudocythere sp. B
Robertsonites tuberculata (Sars, 1865)
Sclerochilus sp. B
Semicytherura aff. S. undata (Sars, 1865)
Semicytherura sp. F

Table 3.--Summary chart showing the presence and absence of the various faunal and floral elements in the Van Veen samples

ORGANISM / SAMPLE NUMBER	CALCAREOUS BENTHIC FORAMS	AGGLUTINATED BENTHIC FORAMS	PLANKTIC FORAMS	RADIOLARIANS	SPICULES	WORM TUBES	POLYCHAETES	CHEILOSTOME BRYOZOANS	CYCLOSTOME BRYOZOANS	BRACHIOPODS	PELECYPODS	GASTROPODS	SCAPHOPODS	PTEROPODS	OSTRACODES	OTHER CRUSTACEANS	INSECTS	ECHINODERMS	FISH DEBRIS	DIATOMS	SEEDS	PLANT FRAGMENTS	CHAROPHYTES
1						X					X												
2											X												
4																							
5	X										X												
7	X										X												
8							X				X												
9											X												
14	X										X				X								
16	X										X				X			X		X			
18	X		X		X						X	X			X			X		X			
24	X	X									X				X	X							
27	X	X								X	X	X			X	X	X	X		X	X	X	
30	X		X								X							X					
33	X										X												
37	X	X									X			X		X		X					
41	X	X									X	X			X	X		X	X	X			
48	X	X				X					X				X			X		X		X	
51	X										X		X					X		X		X	
57	X																	X		X	X	X	

Table 3.--Summary chart showing the presence and absence of the various faunal and floral elements in the Van Veen samples--Continued

SAMPLE NUMBER / ORGANISM	CALCAREOUS BENTHIC FORAMS	AGGLUTINATED BENTHIC FORAMS	PLANKTIC FORAMS	RADIOLARIANS	SPICULES	WORM TUBES	POLYCHAETES	CHEILOSTOME BRYOZOANS	CYCLOSTOME BRYOZOANS	BRACHIOPODS	PELECYPODS	GASTROPODS	SCAPHOPODS	PTEROPODS	OSTRACODES	OTHER CRUSTACEANS	INSECTS	ECHINODERMS	FISH DEBRIS	DIATOMS	SEEDS	PLANT FRAGMENTS	CHAROPHYTES
58	X		X				X				X							X		X		X	
60	X		X								X				X			X					
62	X	X	X								X				X			X				X	
63	X	X	X			X					X	X			X			X				X	
67	X	X	X	X		X					X	X			X			X	X				X
70	X	X	X	X							X	X			X	X		X					X
73	X	X				X					X	X			X			X					
75																							
76	X										X												
78																							
79											X												
80											X												
81																							
82	X	X	X	X		X					X				X		X	X				X	
86	X	X	X	X		X					X	X			X			X				X	
89	X	X	X								X	X			X			X					
90	X					X					X							X					
91	X	X	X	X	X	X					X				X			X					
94	X	X	X	X		X					X	X	X		X			X		X			

Table 3.--Summary chart showing the presence and absence of the various faunal and floral elements in the Van Veen samples--Continued

ORGANISM / SAMPLE NUMBER	CALCAREOUS BENTHIC FORAMS	AGGLUTINATED BENTHIC FORAMS	PLANKTIC FORAMS	RADIOLARIANS	SPICULES	WORM TUBES	POLYCHAETES	CHEILOSTOME BRYOZOANS	CYCLOSTOME BRYOZOANS	BRACHIOPODS	PELECYPODS	GASTROPODS	SCAPHOPODS	PTEROPODS	OSTRACODES	OTHER CRUSTACEANS	INSECTS	ECHINODERMS	FISH DEBRIS	DIATOMS	SEEDS	PLANT FRAGMENTS	CHAROPHYTES
97	X	X	X	X	X	X					X	X			X			X	X				
99	X	X	X			X					X				X			X		X			
102											X												
103											X												
104											X												
105																							
106											X												
107											X												
108											X												
109											X												
110																							
112											X												
113																							
114											X												
115											X												
116																							
118											X												
119																							
120											X												

Table 3.--Summary chart showing the presence and absence of the various faunal and floral elements in the Van Veen samples--Continued

ORGANISM / SAMPLE NUMBER	CALCAREOUS BENTHIC FORAMS	AGGLUTINATED BENTHIC FORAMS	PLANKTIC FORAMS	RADIOLARIANS	SPICULES	WORM TUBES	POLYCHAETES	CHEILOSTOME BRYOZOANS	CYCLOSTOME BRYOZOANS	BRACHIOPODS	PELECYPODS	GASTROPODS	SCAPHOPODS	PTEROPODS	OSTRACODES	OTHER CRUSTACEANS	INSECTS	ECHINODERMS	FISH DEBRIS	DIATOMS	SEEDS	PLANT FRAGMENTS	CHAROPHYTES
121	X										X												
122											X												
123											X												
124											X												
127											X												
129																							
130																							
131																							
132	X										X	X										X	
133											X												
134	X										X												
135											X												
136																							
139																							
140																		X					
141																							
143											X												
144											X												
145																							
146											X												

Table 3.--Summary chart showing the presence and absence of the various faunal and floral elements in the Van Veen samples--Continued

ORGANISM / SAMPLE NUMBER	CALCAREOUS BENTHIC FORAMS	AGGLUTINATED BENTHIC FORAMS	PLANKTIC FORAMS	RADIOLARIANS	SPICULES	WORM TUBES	POLYCHAETES	CHEILOSTOME BRYOZOANS	CYCLOSTOME BRYOZOANS	BRACHIOPODS	PELECYPODS	GASTROPODS	SCAPHOPODS	PTEROPODS	OSTRACODES	OTHER CRUSTACEANS	INSECTS	ECHINODERMS	FISH DEBRIS	DIATOMS	SEEDS	PLANT FRAGMENTS	CHAROPHYTES
147	X										X												
148											X												
149											X												
150																							
151											X												
152											X												
153											X												
154											X												
155	X										X				X	X		X					
156	X							X			X							X					
157											X							X					
158	X																						
159								X			X												
160											X												
161																							
162											X												
163											X												
164											X												
165											X												
167	X	X	X			X					X				X			X				X	

Table 3.--Summary chart showing the presence and absence of the various faunal and floral elements in the Van Veen samples--Continued

ORGANISM / SAMPLE NUMBER	CALCAREOUS BENTHIC FORAMS	AGGLUTINATED BENTHIC FORAMS	PLANKTIC FORAMS	RADIOLARIANS	SPICULES	WORM TUBES	POLYCHAETES	CHEILOSTOME BRYOZOANS	CYCLOSTOME BRYOZOANS	BRACHIOPODS	PELECYPODS	GASTROPODS	SCAPHOPODS	PTEROPODS	OSTRACODES	OTHER CRUSTACEANS	INSECTS	ECHINODERMS	FISH DEBRIS	DIATOMS	SEEDS	PLANT FRAGMENTS	CHAROPHYTES
168	X	X	X	X		X					X				X			X		X		X	
169	X	X	X			X					X				X			X		X			
170	X		X	X		X					X	X			X			X		X		X	
174	X	X	X			X					X	X			X			X		X			
177	X	X	X	X		X					X	X			X			X	X	X		X	
180	X	X	X	X		X					X	X		X	X			X	X	X		X	
183	X	X	X	X		X					X	X			X			X		X		X	
186	X	X	X	X		X			X		X	X	X		X	X		X	X	X		X	
189	X	X	X	X	X	X					X	X	X		X			X		X		X	
192	X	X	X	X		X					X	X			X			X					
195	X	X	X			X			X		X	X			X			X		X		X	

DC1-80-EG Van Veen - 1

Latitude: 59° 06.82' N
Longitude: 148° 40.15' W
Water Depth: 30 meters

Lithology: About 15 centimeters of sand overlying mud.

Organisms Present: Worm Tubes
Pelecypod Fragments

DC2-80-EG Van Veen - 2

Latitude: 59° 25' 15" N
Longitude: 139° 33' 15" W
Water Depth: Less than 20 meters

Lithology: Dark gray-green, fine to medium-grain, subangular sand.

Organisms present: Pelecypod Fragments

DC2-80-EG Van Veen - 4

Latitude: 59° 24' 50" N
Longitude: 139° 31' 20" W
Water Depth: Less than 20 meters

Lithology: Dark gray-green, fine-grain, subangular sand.

Organisms present: Barren of Organic Remains

DC2-80-EG Van Veen - 5

Latitude: 59° 24' 50" N
Longitude: 139° 31' 50" W
Water Depth: Less than 20 meters

Lithology: Dark gray-green, fine-grain, subangular sand.

Organisms present: Calcareous Benthic Foraminifers
Elphidium spp.
Pelecypod Fragments

DC2-80-EG Van Veen - 7

Latitude: 59° 17.6' N
Longitude: 139° 16.4' W
Water Depth: 37 meters

Lithology: Olive-gray (5Y 3/2), fine-grain, subangular sand.

Organisms present: Calcareous Benthic Foraminifers
Elphidium spp.
Pelecypod Fragments

DC2-80-EG Van Veen - 8

Latitude: 59° 23' 30" N
Longitude: 139° 28' 35" W
Water Depth: Less than 20 meters

Lithology: Dark gray-green, fine-grain, subangular sand.

Organisms present: Polychaetes
Pelecypod Fragments

DC2-80-EG Van Veen - 9

Latitude: 59° 23' 00" N
Longitude: 139° 26' 50" W
Water Depth: Less than 20 meters

Lithology: Dark gray-green, fine-grain, subangular sand.

Organisms present: Pelecypod Fragments

DC2-80-EG Van Veen - 14

Latitude: 59° 19' 10" N
Longitude: 139° 19' 50" W
Water Depth: Less than 20 meters

Lithology: Dark-gray-green, fine-grain sand with several large rounded pebbles.

Organisms present: Calcareous Benthic Foraminifers
Pelecypod Fragments
Ostracodes

Ostracode Species:	Adult	Juv.	%
* "Leguminocythereis" sp. A	22	2	100

Total ostracode valves - 24

DC2-80-EG Van Veen - 16

Latitude: 59° 18.81' N
Longitude: 139° 18.6' W
Water Depth: 35 meters

Lithology: Grayish-olive-green (5GY) 3/2), fine-grain, silty sand with some pebbles.

Organisms present: Calareous Benthic Foraminifers
Pelecypods
Ostracodes
Echinoderms
Diatoms

Ostracode Species:	Adult	Juv.	%
* "Leguminocythereis" sp. A	8	2	100

Total Ostracode valves 10

DC2-80-EG Van Veen - 18

Latitude: 59° 06.99' N
Longitude: 138° 48.28' W
Water Depth: 44 meters

Lithology: Dark-greenish-gray (5G 4/1) mud with some organic material and subrounded small pebbles.

Organisms present: Calcareous Benthic Foraminifers
Planktic Foraminifers
Sponge Spicules
Pelecypods
Gastropod

Ostracodes
Echinoderm Fragments
Diatoms

Ostracode Species:	Adult	Juv.	%
Cytheromorpha sp. A		1	50
Pectocythere sp. D	1		50

Total Ostracode valves 2

DC2-80-EG Van Veen - 24

Latitude: 59° 06.99' N
Longitude: 138° 44.02' W
Water Depth: 42 meters

Lithology: Medium-dark-gray (N4), tight, cohesive mud.

Organisms present: Calcareous Benthic Foraminifers
Agglutinated Foraminifers
Pelecypods
Small Crustaceans
Ostracodes

Ostracode Species:	Adult	Juv.	%
* Pectocythere sp. D	4		66.67
Loxoconcha sp. A	1		16.67
"Leguminocythereis" sp. A		1	16.67

Total Ostracode valves 6

DC2-80-EG Van Veen - 27

Latitude: 59° 06.99' N
Longitude: 138° 43.97' W
Water Depth: 43 meters

Lithology: Medium-dark-gray, cohesive mud with dark gray-black, coarser-grained sandy material and carbonaceous material.

Organisms present: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Brachiopods
Pelecypods
Gastropod
Branchiuran Fragments
Copepod
Daphniid Ephippia
Ostracodes
Insect Mandible
Mites
Chironomid
Stelleroid Ossicles
Scirpus Seeds
Plant Fragments
Diatoms

Ostracode Species:	Adult	Juv.	%
"Leguminocythereis" sp. B		6	37.50
Pectocythere sp. D	2		12.50
Loxoconcha sp. A	2		12.50
Candona sp.		2	12.50
Cytheromorpha sp. B	1		6.25
Cytheromorpha sp. C	1		6.25
Cyclocypris sp.		1	6.25
Elofsonia sp. A	1		6.25

Total Ostracode valves 16

DC-80-EG Van Veen - 30

Latitude: 59° 07.02' N
Longitude: 138° 43.72' W
Water Depth: 43 meters

Lithology: Medium-dark-gray (N4), sandy silt with carbonaceous material.

Organisms present: Calcareous Benthic Foraminifers
Planktic Foraminifers
Pelecypods
Ophiuroid Vertebrae
Ophiuroid Vertebrae
Echinoderm Fragments

DC2-80-EG Van Veen - 33

Latitude: 59° 06.95' N
Longitude: 138° 43.54' W
Water Depth: Less than 20 meters

Lithology: Meduim-dark-gray (N4), sandy mud with carbonaceous material.

Organisms present: Calcareous Benthic Foraminifers
Pelecypods

DC2-80-EG Van Veen - 37

Latitude: 59° 07.01' N
Longitude: 138° 43.33' W
Water Depth: 40 meters

Lithology: Medium-dark-gray (N4) mud.

Organisms present: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Pelecypods
Pteropod
Small Crustaceans
Echinoderm Fragments

DC2-80-EG Van Veen - 41

Latitude: 59° 06.89' N
Longitude: 138° 42.96" W
Water Depth: 40 meters

Lithology: Medium-dark-gray (N4) mud with some sand-size material and carbonaceous material.

Organisms present: Calcareous Benthic Foraminifers
Agglutinated Bethnic Foraminifers
Pelecypods
Gastropod
Large Crustacean Claws
Ostracodes
Echinoderm Fragments
Diatoms (Numerous)

Ostracode Species:	Adult	Juv.	%
"Leguminocythereis" sp. A		1	33.33
"Leguminocythereis" sp. B		1	33.33
Elofsonia sp. A	1		33.33

Total Ostracode valves 3

DC2-80-EG Van Veen - 48

Latitude: 59° 06.92' N
Longitude: 138° 42.59' W
Water Depth: 37 meters

Lithology: Medium dark-gray-green mud.

Organisms present:
Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Agglutinated Worm Tubes
Pelecypods
Ostracodes
Ophiuroid Fragments
Abundant Plant Debris
Diatoms (Few)

Ostracode Species:	Adult	Juv.	%
* Loxoconcha sp. A	4		57.14
* Cytheromorpha sp. D	2		28.57
Cyprinotus salinus Brady, (1868)	1		14.29

Total Ostracode valves 7

DC2-80-EG Van Veen - 51

Latitude: 59° 06.93' N
Longitude: 138° 42.45' W
Water Depth: 35 meters

Lithology: Medium dark-greenish-gray (5GY 5/1), tight, featureless mud with a very small sand content.

Organisms present: Calcareous Benthic Foraminifers
Pelecypods
Scaphopod
Echinoderm Fragments
Woody Fragments
Diatoms

DC2-80-EG Van Veen - 57

Latitude: 59° 06.89' N
Longitude: 138° 42.19' W
Water Depth: 33 meters

Lithology: Medium dark-greenish-gray (5GY 5/1) silt with some organic material.
Organisms present: Calcareous Benthic Foraminifers
Echinoderm Fragments
Seed pods
Plant Fragments
Diatoms

DC2-80-EG Van Veen - 58

Latitude: 59° 06.77' N
Longitude: 138° 40.93' W
Water Depth: 33 meters

Lithology: Olive-greenish-gray (5Y 4/1 to 5GY 4/1) mud underlain by a more consolidated sandy, olive-greenish-gray (5Y 4/1 to 5GY 4/1) mud with occasional rounded pebbles.

Organisms present: Calcareous Benthic Foraminifers
Planktic Foraminifers
Polychaete
Pelecypods
Echinoderm Fragments
Plant Debris
Diatoms

DC2-80-EG Van Veen - 60

Latitude: 59° 28.46' N
Longitude: 139° 47.99' W
Water Depth: 58 meters

Lithology: Medium-gray-green, fine-grain, silty sand.

Organisms present: Calcareous Benthic Foraminifers
Planktic Foraminifers
Pelecypods
Ostracodes
Echinoderm Fragments

Ostracode Species:	Adult	Juv.	%
* "Leguminocythereis" sp. A	95	186	37.57
* "Leguminocythereis" sp. B	75	144	29.28
* Pectocythere sp. D	212		28.34
Loxoconcha sp. A	15	2	2.27
Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975	6		0.80
Pectocythere aff. P. quadrangulata Hanai, 1957	2	1	0.40
Cytheropteron sp. A	2		0.27
Aurila sp. A	2		0.27
Robertsonites tuberculata (Sars, 1865)		2	0.27
Cytheromorpha sp. B		2	0.27
Candona sp.		1	0.13
Cythere sp. A	1		0.13

Total Ostracode valves 748

DC2-80-EG Van Veen - 62

Latitude: 59° 28.50' N
Longitude: 139° 48.35' W
Water Depth: 64 meters

Lithology: Fine-grain, subangular sand.

Organisms present: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Pelecypods
Ostracodes
Echinoderm Fragments
Wood and Plant Fragments

Ostracode Species:	Adult	Juv.	%
* "Leguminocythereis" sp. A	26	195	42.26
"Leguminocythereis" sp. B	29	134	31.17
* Pectocythere sp. D	111		21.22
* Loxoconcha sp. A	3	5	1.53
* Pectocythere aff. P. quadrangulata Hanai, 1957	6		1.15
* Eucythere sp. A	5		0.96
Candona sp.		4	0.76
* Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975	2		0.57
* Argilloecia sp. A		2	0.38

Total Ostracode valves 523

DC2-80-EG Van Veen - 63

Latitude: 59° 28.16' N
Longitude: 139° 48.90' W
Water Depth: 62 meters

Lithology: Dark-gray-green sandy mud.

Organisms present:
Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Proteinaceous and Agglutinated Worm Tubes
Pelecypods
Gastropods
Ostracodes
Ophiuroid and Echinoderm Fragments
Plant Debris

Ostracode Species:	Adult	Juv.	%
* "Acanthocythereis" dunelmensis (Norman, 1865)	36	201	21.14
* Palmanella limicola (Norman, 1865)	86	108	17.31
"Leguminocythereis" sp. B	14	164	15.88
* "Leguminocythereis" sp. A	9	144	13.65
* Loxoconcha sp. A	86	18	9.28
* Pectocythere aff. P. quadrangulata Hanai, 1957	54	17	6.33
* Pectocythere sp. D	41		3.66

	Ostracode Species:	Adult	Juv.	%
	Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975	18	12	2.68
*	Buntonia sp. A	17	4	1.87
	Robertsonites tuberculata (Sars, 1865)	2	16	1.61
	Eucythere sp. A	14	1	1.34
*	Cytheromorpha sp. B	11	4	1.34
*	Cytheromorpha sp. E	13		1.16
	Cytheropteron sp. A	8	2	0.89
	Candona sp.		9	0.80
	Cytherois sp. A	6		0.54
	Cythere sp. A	4		0.36
	Cyprinotus sp.	2		0.18
	Aurila sp. A		2	0.18
	Candona sp.	2		0.18
	Argilloecia sp. B		1	0.09
	Cythere aff. C. alveolivalva Smith, 1952	1		0.09
	Ilyocypris sp.	1		0.09
	Elofsonia sp. A	1		0.09

Total Ostracode valves 1121

DC2-80-EG Van Veen - 67

Latitude: 59° 28.01' N
Longitude: 139° 49.29' W
Water Depth: 82 meters

Lithology: Dark-gray-green (5GY 4/1) mud.

Organisms present:
Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Agglutinated and Proteinaceous Worm Tubes
Pelecypods
Gastropods
Ostracodes
Echinoderm Fragments (primarily Ophiuroids)
Fish Debris
Charophyte

	Ostracode Species:	Adult	Juv.	%
*	"Acanthocythereis" dunelmensis (Norman, 1865)	63	294	23.66
*	Palmanella limicola (Norman, 1865)	121	181	20.08
	"Leguminocythereis" sp. A	8	143	10.01
*	Loxoconcha sp. A	54	92	9.68
	"Leguminocythereis" sp. B	10	113	8.15
*	Pectocythere aff. P. quadrangulata Hanai, 1957	46	17	5.10
	Robertsonites tuberculata (Sars, 1865)	2	69	4.71
*	Buntonia sp. A	56	13	4.57
	Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975	30	16	3.05
	Cytheromorpha sp. E	31	11	2.78
*	Cytheropteron sp. A	20	2	1.46
	Pectocythere sp. D	20	11	1.39
*	Cytherois sp. A	18		1.19
*	Eucythere sp. A	11	4	0.99
	Cytheromorpha sp. B	1	14	0.93
*	Cytheropteron sp. D	10		0.66
	Cluthia sp. A	5		0.33
	Candona sp.		3	0.20
	Aurila sp. A		2	0.13
	Eucytherura sp. C	1	1	0.13
	Pontocythere sp. A	2		0.13
	Cytheropteron aff. C. latissimum of Neale and Howe (1975)	2		0.13
	Argilloecia sp. A		1	0.07
	Argilloecia sp. B		1	0.07
	Cythere aff. C. alveolivalva Smith, 1952	1		0.07
(F)	Finmarchinella (Barentsovia) barentzovoensis Mandelstam, 1957		1	0.07
	Ilyocypris bradii Sars, 1890	1		0.07
	Cyclocypris ampla Furtos, 1933		1	0.07
	Cythere sp. A	1		0.07
	Hemicythere aff. H. quadrinodosa Schornikov, 1974	1		0.07
	Prionocypris canadensis Sars, 1926	1		0.07
	Pectocythere aff. P. parkerae Swain and Gilby, 1974	1		0.07
	Cytheropteron sp. G	1		0.07

Total Ostracode valves 1509

DC2-80-EG Van Veen - 70

Latitude: 59° 28.89' N
Longitude: 139° 49.81' W
Water Depth: 98 meters

Lithology: Greenish-gray (5GY 6/1) silt.

Organisms present: Calcarious Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Pelecypods
Gastropods
Small Crustaceans (Malacostracan)
Ostracodes
Ophiuroids
Echinoderm Fragments
Charophytes

	Ostracode Species:	Adult	Juv.	%
	Palmanella limicola (Norman, 1865)	168	349	22.32
	"Acanthocythereis" dunelmensis (Norman, 1865)	36	477	22.15
	Loxoconcha sp. A	107	174	12.13
*	Buntonia sp. A	127	90	9.37
	Cytheropteron sp. D	121	4	5.40
*	Pectocythere aff. P. quadrangulata Hanai, 1957	20	73	4.02
	"Leguminocythereis" sp. B	2	85	3.76
	"Leguminocythereis" sp. A	2	74	3.28
*	Robertsonites tuberculata (Sars, 1865)	5	59	2.76
	Cluthia sp. A	49		2.12
	Cytheromorpha sp. B	43		1.86
	Cytheropteron sp. A	13	26	1.68
	Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975	7	30	1.60
	Cytherois sp. A	27	5	1.38
	Cytheromorpha sp. E	23	2	1.08
	Pectocythere sp. D	7	11	0.78
*	Argilloecia sp. B	8	7	0.65
	Eucytherura sp. C	14		0.61
*	Loxoconcha sp. B	13		0.56
*	Argilloecia sp. A	13		0.56
	Eucythere sp. A	7	1	0.35
	Cytheropteron sp. W	5	2	0.30
	Paradoxostoma sp. I	2	4	0.26
	Cytheromorpha sp. A	5		0.22
	Cytheropteron sp. I	4		0.17
	Elofsonia sp. A	3		0.13

Ostracode Species:	Adult	Juv.	%
Candona rawsoni Tressler, 1957		3	0.13
Cytherois sp. B	2		0.09
Cythere sp. A		2	0.09
Cythere alveolivalva Smith, 1952		1	0.04
Prionocypris sp.		1	0.04
Candona sp.		1	0.04
Cytheropteron sp. L		1	0.04
Cytheropteron sp. Q	1		0.04

Total Ostracode valves 2316

DC2-80-EG Van Veen - 73

Latitude: 59° 27.73' N
Longitude: 139° 50.20' W
Water Depth: 104 meters

Lithology: Greenish-gray (5GY 6/1) silt.

Organisms present: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Numerous Agglutinated Worm Tubes
Pylecypods
Gastropods
Ostracodes
Echinoderm Fragments

Ostracode Species:	Adult	Juv.	%
* "Acanthocythereis" dunelmensis (Norman, 1865)	45	208	28.68
* Palmanella limicola (Norman, 1865)	45	112	17.69
* Buntonia sp. A	107	46	17.35
* Loxoconcha sp. A	20	38	6.58
"Leguminocythereis" sp. A		39	4.42
* Robertsonites tuberculata (Sars, 1865)	2	34	4.08
"Leguminocythereis sp. B	1	33	3.85
* Cytheropteron sp. D	32		3.63
* Cytheromorpha sp. E	28	1	3.29
* Pectocythere aff. P. quadrangulata Hanai, 1957	5	19	2.72

Ostracode Species:	Adult	Juv.	%
Cluthia sp. A	11		1.25
Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975	5	5	1.13
Cytheropteron sp. A	7	2	1.02
Argilloceia sp. A	8		0.91
Cytherois sp. A	5		0.57
Argilloecia sp. B	4		0.45
Cytheropteron sp. I	3	1	0.45
Pectocythere sp D	1	3	0.45
Cytheromorpha sp. B	3		0.34
Eucytherura sp. C	2		0.23
Eucytherura sp. A	2		0.34
Cytheropteron aff. C. latissimum of Neale and Howe (1975)	2		0.23
Paradoxostoma sp. H	1		0.11
Limnocythere sp.	1		0.11
Candona sp.		1	0.11
Cytheropteron sp. J	1		0.11

Total Ostracode valves 882

DC2-80-EG Van Veen - 75

Latitude: 59° 08.5' N
Longitude: 138° 40.5' W
Water Depth: Less than 20 meters

Lithology: Medium- to coarse-grain, subangular to subrounded sand.

Organisms present: Barren of Organic Remains.

DC2-80-EG Van Veen - 76

Latitude: 59° 08.05' N
Longitude: 138° 41.0' W
Water Depth: Less than 20 meters

Lithology: Dark-greenish-gray (5G 4/1), medium-grain, subangular sand.

Organisms present: Calcareous Benthic Foraminifers
Quinqueloculina sp.
Pelecypod Fragment

DC2-80-EG Van Veen - 78

Latitude: 59° 07.7' N
Longitude: 138° 38.7' W
Water Depth: Less than 20 meters

Lithology: Dark-green-gray, medium- to coarse-grain, subangular to subrounded sand.

Organisms present: Barren of Organic Remains.

DC2-80-EG Van Veen - 79

Latitude: 59° 07.35' N
Longitude: 138° 39.6' W
Water Depth: Less than 20 meters

Lithology: Dark-gray-green, medium-grain, subangular sand.

Organisms present: Rare Pelecypod Fragments

DC2-80-EG Van Veen - 80

Latitude: 59° 06.8' N
Longitude: 138° 39.9' W
Water Depth: Less than 20 meters

Lithology: Dark-gray-green, medium grain, subangular sand.

Organisms present: Rare Pelecypod Fragments

DC2-80-EG Van Veen - 81

Latitude: 59° 06.95' N
Longitude: 138° 36.6' W
Water Depth: Less than 20 meters

Lithology: Dark-gray-green, medium-grain, subangular sand.

Organisms present: Barren of Organic Remains.

DC2-80-EG Van Veen - 82

Latitude: 59° 28.18' N
Longitude: 139° 48.38' W
Water Depth: 74 meters

Lithology: Dark-gray-green silt with a minor organic content.

Organisms present:
Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Agglutinated Worm Tubes
Pelecypods
Ostracodes
Insect Wing
Echinoderm Fragments
Carbonized Wood Fragments
Woody Plant Fragments

Ostracode Species:	Adult	Juv.	%
* "Leguminocythereis" sp. A	11	158	26.91
* "Leguminocythereis" sp. B	22	112	21.02
Loxoconcha sp. A	50	32	13.06
* "Acanthocythereis" dunelmensis (Norman, 1865)	8	36	7.01
* Pectocythere sp. D	40	4	7.01
Palmanella limicola (Norman, 1865)	20	23	6.85
* Pectocythere aff. P. quadrangulata Hanai, 1957	20	17	5.89
Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975	13	19	5.10
Cytheromorpha sp. D	14		2.23
Cytheropteron sp. A	9	2	1.75
Eucythere sp. A	2	1	0.48
Eucytherura sp. C	2		0.32
Argilloecia sp. B	2		0.32
Cytherois sp. A	2		0.32
Cytheromporpha sp. B	2		0.32
Candona sp.		2	0.32
Cythere aff. C. alveolivalva Smith, 1952	1		0.16
Cyclocypris ampla Furtos, 1933	1		0.16
Robertsonites tuberculata (Sars, 1865)		1	0.16

Ostracode Species:	Adult	Juv.	%
Hemicythere aff.H. quadrinodosa Schornikov, 1974		1	0.16
Hemicythere sp.	1		0.16

Total Ostracode valves 628

DC2-80-EG Van Veen - 86

Latitude: 59° 27.48' N
Longitude: 139° 50.48' W
Water Depth: 110 meters

Lithology: Olive-gray (5Y 3/2) and dark-greenish-gray (5GY 3/1) silt with organic material throughout.

Organisms present:
Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Agglutinated and Proteinaceous Worm Tubes
Pelecypod
Gastropod
Ostracodes
Echinoderm Fragments
Plant Debris

Ostracode Species:	Adult	Juv.	%
* "Acanthocythereis" dunelmensis (Norman, 1865)	48	233	46.68
* Palmanella limicola (Norman, 1865)	43	47	14.95
* Buntonia sp. A	33	10	7.14
* Cytheropteron sp. D	32		5.32
Robertsonites tuberculata (Sars, 1865)	1	28	4.82
* Loxoconcha sp. A	8	17	4.15
"Leguminocythereis" sp. B		19	3.16
Cytheropteron aff. C. nodosoalatum Neale and Howe, 1975	1	13	2.33
Pectocythere aff. P. quadrangulata Hanai, 1957	2	12	2.32
"Leguminocythereis" sp. A	3	11	2.16
Cytheromorpha sp. E	7		1.16

	Ostracode Species:	Adult	Juv.	%
	Cytherois sp. A	6		1.0
	Cytheropteron aff. C. latissimum of Neale and Howe (1975)	5		0.83
	Cytheromorpha sp. B		4	0.66
	Cluthia sp. A	1	2	0.50
	Cytheropteron sp. I	1	1	0.33
*	Eucytherura sp. C	2		0.33
*	Pectocythere sp. D	2		0.33
	Cytheropteron sp. A		2	0.33
	Argilloecia sp. A	2		0.33
	Eucythere sp. A		1	0.17
	Candona sp.		1	0.17
	Loxoconcha sp. B		1	0.17
	Ilocypris sp.	1		0.17
	Cytheropteron sp. L	1		0.17

Total Ostracode valves 602

DC2-80-EG Van Veen - 89

Latitude: 59° 28.64' N
Longitude: 139° 48.16' W
Water Depth: 55 meters

Lithology: Dark-greenish-gray (5GY 4/1) to greenish-black (5GY 2/1) silty sand.

Organisms present:
Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Pelecypod Fragments
Gastropods
Ostracodes
Echinoderm Fragments

	Ostracode Species:	Adult	Juv.	%
*	"Leguminocythereis" sp. B	35	33	50.37
*	Pectocythere sp. D	27		20.00
	"Leguminocythereis" sp. A	7	17	17.78

Ostracode Species:	Adult	Juv.	%
"Acanthocythereis" dunelmensis (Norman, 1865)		6	4.44
* Buntonia sp. A	4		2.96
Palmanella limicola (Norman, 1865)	4		2.96
Pectocythere aff. P. quadrangulata Hanai, 1957	1		0.74
Robertsonites tuberculata (Sars, 1865)		1	0.74

Total Ostracode valves 135

DC2-80-EG Van Veen - 90

Latitude: 59° 07.74' N
Longitude: 138° 43.85' W
Water Depth: 31 meters

Lithology: Dark-greenish-gray (5GY 4/1) fine-grain sand.

Organisms present: Calcareous Benthic Foraminifers
Agglutinated Worm Tubes
Pelecypods
Ophiuroid Fragments

DC2-80-EG Van Veen - 91

Latitude: 59° 00.16' N
Longitude: 139° 54.01' W
Water Depth: 128 meters

Lithology: About 3 cm. of medium dusky-yellow-green (5GY 5/2) silt overlying medium dark-greenish-gray (5GY 5/1), more consolidated, sandy mud with some subangular pebbles.

Organisms present: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Numerous Sponge Spicules
Agglulinated Worm Tubes
Pelecypods
Ostracodes
Echinoderm Spines

Ostracode Species:		Adult	Juv.	%
(F)	"Australicythere" sp. A		1	100

Total Ostracode valves 1

DC2-80-EG Van Veen - 94

Latitude: 59° 26.3, N
Longitude: 139° 36.0, W
Water Depth: Less than 20 meters

Lithology: Dark-greenish-gray (5GY 4/1), fine-grain sand.

Organisms present:
Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Agglutinated Worm Tubes
Pelecypods
Gastropod
Scaphopods
Ostracodes
Echinoderm Fragments
Diatoms

Ostracode Species:		Adult	Juv.	%
*	Palmanella limicola (Norman, 1865)	13	32	39.13
*	"Acanthocythereis" dunelmensis (Norman, 1865)	4	40	38.26
	Loxoconcha sp. B	10	1	9.57
	Argilloecia sp. A	4	1	4.35
	Cytheropteron sp. D	3		2.61
	Cytherois sp. A	3		2.61
	Pectocythere aff. P. quadrangulata Hanai, 1957	1	1	1.74
	Candona sp.		1	0.87
	Cluthia sp. A		1	0.87

Total Ostracode valves 115

DC2-80-EG Van Veen - 97

Latitude: 59° 41.8' N
Longitude: 141° 20.1' W
Water Depth: 60 meters

Lithology: Dark-greenish-gray (5GY 4/1), very fine-grain sand with a thin silty layer on the surface.

Organisms present:
Calcareous Benthic Foraminifers
Afflutinated Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Occasional Sponge Spicules
Proteinaceous Worm Tubes
Pelecypods
Gastropods
Ostracodes
Echinoderm Fragments
Fish Debris

Ostracode Species:	Adult	Juv.	%
"Acanthocythereis" dunelmensis (Norman, 1865)	2	16	25.00
Palmanella limicola (Norman, 1865)	3	15	25.00
"Leguminocythereis" sp. A	2	12	19.44
Loxoconcha sp. A	5	2	9.72
Loxoconcha sp. B	3	2	6.94
Pectocythere sp. D		3	4.17
Pectocythere aff. P. quadrangulata Hanai, 1957	2		2.78
Cytherois sp. A	2		2.78
Cytheropteron sp. B	1	1	2.78
Cytheromorpha sp. B		1	1.39

Total Ostracode valves 72

DC2-80-EG Van Veen - 99

Latitude: 59° 41.0' N
Longitude: 141° 20.7' W
Water Depth: 60 meters

Lilthology: Dark-greenish-gray (5GY 4/1), fine-grain sand to silt with a thin layer of mud on top.

Organisms present: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Agglutinated Worm Tubes
Pelecypods
Ostracodes
Echinoderm Fragments (primarily Ophiuroids)
Occasional Diatoms

Ostracode Species:	Adult	Juv.	%
* "Leguminocythereis sp. A	5	34	66.10
* Pectocythere sp. D	10	5	25.42
Loxoconcha sp. A	2	1	5.08
* Cytheromorpha sp B		2	3.39

Total Ostracode valves 59

DC2-80-EG Van Veen - 102

Latitude: 59° 26.3' N
Longitude: 139° 36.0' W
Water Depth Less than 20 meters

Lithology: Dark-greenish-gray (5GY 4/1), fine-grain sand.

Organisms present: Rare Pelecypod Fragments

DC2-80-EG Van Veen - 103

Latitude: 59° 26.3' N
Longitude: 139° 37.2' W
Water Depth: Less than 20 meters

Lithology: Greenish-black (5GY 2/1), fine-grain, subangular sand.

Organisms present: Pelecypod Fragments

DC2-80-EG Van Veen - 104

Latitude: 59° 26.6' N
Longitude: 139° 37.5' W
Water Depth: Less than 20 meters

Lithology: Olive-gray (5Y 4/5), medium-grain sand.

Organisms present: Rare pelecypod Fragments

DC2-80-EG Van Veen - 105

Latitude: 59° 27.3' N
Longitude: 139° 39.77' W
Water Depth: Less than 20 meters

Lithology: Greenish-black (5GY 2/1), fine-grain, subangular sand.

Organisms present: Barren of Organic Remains

DC2-80-EG Van Veen - 106

Latitude: 59° 27.6' N
Longitude: 139° 39.3' W
Water Depth: Less than 20 meters

Lithology: Dark-gray (N3), medium-grain sand.

Organisms present: Pelecypod Fragments

DC2-80-EG Van Veen - 107

Latitude: 59° 30.2' N
Longitude: 139° 47.2' W
Water Depth: Less than 20 meters

Lithology: Greenish-black (5GY 2/1), fine-grain, subangular sand.

Organisms present: Pelecypod Fragments

DC2-80-EG Van Veen - 108

Latitude: 59° 30.5' N
Longitude: 139° 46.9' W
Water Depth: Less than 20 meters

Lithology: Dark-greenish-gray (5GY 4/1), medium-grain sand.

Organisms present: Rare Pelecypod Fragments

DC2-80-EG Van Veen - 109

Latitude: 59° 31.2' N
Longitude: 139° 48.9' W
Water Depth: Less than 20 meters

Lithology: Olive-black (5YR 2/1), coarse to very coarse-grain sand.

Organisms present: Rare Pelecypod Fragments

DC2-80-EG Van Veen - 110

Latitude: 59° 31.0' N
Longitude: 139° 49.1' W
Water Depth: Less than 20 meters

Lithology: Olive-gray (5Y4/5), medium-grain sand.

Organisms present: Barren of Organic Remains

DC2-80-EG Van Veen - 112

Latitude: 59° 31,6' N
Longitude: 139° 50.6' W
Water Depth: Less than 20 meters

Lithology: Grayish-olive-green (5GY 3/2) to olive-black (5Y 2/1), fine-grain, subangular sand.

Organisms present: Rare Pelecypod Fragments

DC2-80-EG Van Veen - 113

Latitude: 59° 31.6' N
Longitude: 139° 50.4' W
Water Depth: Less than 20 meters

Lithology: Dark-green, medium-grain, subangular sand

Organisms present: Barren of Organic Remains

DC2-80-EG Van Veen - 114

Latitude: 59° 31.9' N
Longitude: 139° 51.2' W
Water Depth: Less than 20 meters

Lithology: Greenish-black, (5GY 2/1), fine-grain, subangular sand.

Organisms present: Pelecypod Fragment

DC2-8-EG Van Veen - 115

Latitude: 59° 32.0' N
Longitude: 139° 51.5' W
Water Depth: Less than 20 meters

Lithology: Dark-medium-green, medium-grain, subangular sand.

Organisms present: Abraded Pelecypod Fragments

DC2-80-EG Van Veen - 116

Latitude: 59° 31.7' N
Longitude: 139° 50.5' W
Water Depth: Less than 20 meters

Lithology: Olive-black (5Y 2/1), fine-grain, subrounded to subangular sand.

Organisms present: Barren of Organic Remains

DC2-80-EG Van Veen - 118

Latitude: 59° 32.2' N
Longitude: 139° 51.9' W
Water Depth: Less than 20 meters

Lithology: Dark-greenish-gray (5GY 4/1), fine- to medium-grain sand.

Organisms present: Pelecypod Fragments

DC2-80-EG Van Veen - 119

Latitude: 59° 32.2' N
Longitude: 139o 52.0' W
Water Depth: Less than 20 meters

Lithology: Olive-gray, medium-grain sand.

Organisms present: Barren of Organic Remains

DC2-80-EG Van Veen - 120

Latitude: 59° 33.7' N
Longitude: 139° 50.9' W
Water Depth: Less than 20 meters

Lithology: Dark gray (N3), fine-grain sand.

Organisms present: Pelecypod Fragments

DC2-80-EG Van Veen - 121

Latitude: 59° 33.6' N
Longitude: 139° 49.6' W
Water Depth: Less than 20 meters

Lithology: Olive-gray (5Y 4/1), medium- to coarse-grain sand.

Organisms present: Calcareous Benthic Foraminifer
Quinqueloculina sp.
Rare Pelecypod Fragments

DC2-80-EG Van Veen - 122

Latitude: 59° 33.7' N
Longitude: 139° 49.7' W
Water Depth: Less than 20 meters

Lithology: Dark-gray (N3), fine-grain sand.

Organisms present: Rare Pelecypod Fragments

DC2-80-EG Van Veen - 123

Latitude: 59° 33.7' N
Longitude: 139° 50.0' W
Water Depth: Less than 20 meters

Lithology: Olive-gray (5Y 4/1), coarse-grain sand with some shell fragments.

Organisms present: Rare Pelecypod Fragments

DC2-80-EG Van Veen - 124

Latitude: 59° 33.5' N
Longitude: 139° 51.5. W
Water Depth: Less than 20 meters

Lithology: Olive-gray (5Y 4/1), medium-grain sand.

Organisms present: Rare Pelecypod Fragments

DC2-80-EG Van Veen - 127

Latitude: 59° 31.3' N
Longitude: 139° 49.4' W
Water Depth: Less than 20 meters

Lithology: Greenish-black (5GY 2/1), coarse to very coarse-grain sand.

Organisms present: Rare Pelecypod Fragments

DC2-80-EG Van Veen - 129

Latitude: 59° 30.7' N
Longitude: 139° 47.6' W
Water Depth: Less than 20 meters

Lithology: Dark-greenish-gray (5G 4/1), fine- to medium-grain sand.

Organisms present: Barren of Organic Remains

DC2-80-EG Van Veen - 130

Latitude 59° 29.0' N
Longitude: 139° 41.0' W
Water Depth: Less than 20 meters

Lithology: Olive-gray (5Y 4/1), medium-grain sand.

Organisms present: Barren of Organic Remains

DC2-80-EG Van Veen - 131

Latitude: 59° 55.29' N
Longitude: 141° 27.9' W
Water Depth: Less than 20 meters

Lithology: Coarse gravel composed of subrounded lithic fragments.

Organisms present: Barren of Organic Remains

DC2-80-EG Van Veen - 132

Latitude: 59° 55.33' N
Longitude: 141° 28.2' W
Water Depth: Less than 20 meters

Lithology: Light-greenish-gray (5GY 5/1), sandy mud.

Organisms present: Calcareous Benthic Foraminifers
Elphidium sp.
Quinqueloculina sp.
Pelecypod Fragment
Gastropod Fragment
Plant Debris

DC2-80-EG Van Veen - 133

Latitude: 59° 55.38' N
Longitude: 141° 28.4' W
Water Depth: Less than 20 meters

Lithology: Light greenish-black (5GY 3/1), medium-grain, subangular sand with some coarse sand to gravel-size lithic fragments.

Organisms present: Rare Pelecypod Fragments

DC2-80-EG Van Veen - 134

Latitude: 59° 55.20' N
Longitude: 141° 28.6' W
Water Depth: Less than 20 meters

Lithology: Light-greenish-black (5GY 3/1), fine-grain sand.

Organisms present: Calcareous Benthic Foraminifers
Elphidium spp.
Pelecypod Fragments

DC2-80-EG Van Veen - 135

Latitude: 59° 54.88' N
Longitude: 141° 28.7' W
Water Depth: Less than 20 meters

Lithology: Greenish-black (5GY 2/1), medium-grain sand.
Organisms present: Rare Pelecypod Fragments

DC2-80-EG Van Veen - 136

Latitude: 59° 54.46' N
Longitude: 141° 28.4' W
Water Depth: Less than 20 meters

Lithology: Greenish-black (5GY 2/1), medium-grain, subangular sand with some gravel-size lithic fragments.

Organisms present: Barren of Organic Remains

DC2-80-EG Van Veen - 139

Latitude: 59° 53.08' N
Longitude: 141° 27.02' W
Water Depth: Less than 20 meters

Lithology: Medium- to coarse-grain, well sorted, subrounded to subangular sand.
Organisms present: Barren of Organic Remains

DC2-80-EG Van Veen - 140

Latitude: 59° 52.95' N
Longitude: 141° 26.83' W
Water Depth: Less than 20 meters

Lithology: Greenish-black (5GY 3/1), fine-grain, silty sand.

Organisms present: Echinoderm Spine

DC2-80-EG Van Veen 141

Latitude: 59° 52.78' N
Longitude: 141° 26.42' W
Water Depth: Less than 20 meters

Lithology: Dark-gray (N3) silt with some pebbles.

Organisms present: Barren of Organic Remains

DC2-80-EG Van Veen - 143

Latitude: 59° 51.77' N
Longitude: 141° 23.17' W
Water Depth: Less than 20 meters

Lithology: Greenish-black (5GY 2/1), medium-grain sand with some small pebbles.

Organisms present: Rare Pelecypod Fragments

DC2-80-EG Van Veen - 144

Latitude: 59° 51.60' N
Longitude: 141° 22.43' W
Water Depth: Less than 20 meters

Lithology: Greenish-black (5GY 2/1), medium-grain, subangular sand.

Organisms present: Pelecypod Fragments

DC2-80-EG Van Veen - 145

Latitude: 59° 51.08' N
Longitude: 141° 19.82' W
Water Depth: Less than 20 meters

Lithology: Medium-dark-gray (N4) silt.

Organisms present: Barren of Organic Remains

DC2-80-EG Van Veen - 146

Latitude: 59° 50.10' N
Longitude: 141° 15.48' W
Water Depth: Less than 20 meters

Lithology: Light-greenish-black (5GY 3/1), medium-grain, subangular, well-sorted sand.

Organisms present: Rare Pelecypod Fragments

DC2-80-EG Van Veen - 147

Latitude: 59° 52.3' N
Longitude: 141° 16.90' W
Water Depth: Less than 20 meters

Lithology: Dark-greenish-gray (5GY 4/1), fine- to medium-grain, subangular sand with some lithic fragments.

Organisms present: Rare Calcareous Benthic Foraminifers
Elphidium sp.
Pelecypod Fragments

DC2-80-EG Van Veen - 148

Latitude: 59° 50.2' N
Longitude: 141° 15.0' W
Water Depth: Less than 20 meters

Lithology: Dark-greenish-gray (5GY 4/1), medium-gray sand.

Organisms present: Rare Pelecypod Fragments

DC2-80-EG Van Veen - 149

Latitude: 59° 49.6' N
Longitude: 141° 12.5' W
Water Depth: Less than 20 meters

Lithology: Medium- to coarse-grain, well-sorted sand.

Organisms present: Rare Pelecypod Fragments

DC2-80-EG Van Veen - 150

Latitude: 59° 48.4' N
Longitude: 141° 09.4' W
Water Depth: Less than 20 meters

Lithology: Dark-greenish-gray (5GY 4/1), fine-grain sand.

Organisms present: Barren of Organic Remains

DC2-80-EG Van Veen - 151

Latitude: 59° 48.3' N
Longitude: 141° 08.2' W
Water Depth: Less than 20 meters

Lithology: Dark-greenish-gray (5GY 4/1), fine-grain sand.

Organisms present: Rare Pelecypod Fragments

DC2-80-EG Van Veen - 152

Latitude: 59° 48.1' N
Longitude: 141° 07.5' W
Water Depth: Less than 20 meters

Lithology: Fine- to medium-grain, subangular sand.

Organisms present: Rare Pelecypod Fragments

DC2-80-EG Van Veen - 153

Latitude: 59° 47.5' N
Longitude: 141° 04.1' W
Water Depth: Less than 20 meters

Lithology: Greenish-black (5GY 2/1), medium-grain, subangular to subrounded, moderately-well-sorted sand.

Organisms present: Rare Pelecypod Fragments

DC2-80-EG Van Veen - 154

Latitude: 59° 46.9' N
Longitude: 141° 02.0' W
Water Depth: Less than 20 meters

Lithology: Greenish-black (5GY 2/1), medium-grain sand.

Organisms present: Rare Pelecypod Fragments

DC2-80-EG Van Veen - 155

Latitude: 59° 43.5' N
Longitude: 140° 46.5' W
Water Depth: Less than 20 meters

Lithology: Olive gray (5Y 4/1), fine-grain, sandy silt.

Organisms present: Calcareous Benthic Foraminifers
Elphidium spp.
Quinqueloculina sp.
Trichohyalus sp.
Pelecypods
Branchiurans
Ostracodes
Echinoderm Fragments

Ostracode Species:	Adult	Juv.	%
"Leguminocythereis" sp. A		1	100

Total Ostracode valves 1

DC2-80-EG Van Veen - 156

Latitude: 59° 43.1' N
Longitude: 140° 47.1' W
Water Depth: Less than 20 meters

Lithology: Olive-gray (5Y 4/1) to medium-dark-gray (N4), fine-grain sandy silt.

Organisms present: Calcareous Benthic Foraminifers
Elphidium spp.
Eponides sp.
Cheilostome Fragments
Pelecypod Fragments
Echinoderm Fragments

DC2-80-EG Van Veen - 157

Latitude: 59° 43.6' N
Longitude: 140° 47.1' W
Water Depth: Less than 20 meters

Lithology: Dark-greenish-gray (5GY /41), fine-grain, subangular sand.

Organisms present: Pelecypod Fragments
Echinoderm Fragments

DC2-80-EG Van Veen - 158

Latitude: 59° 43.9' N
Longitude: 140° 47.8' W
Water Depth: Less than 20 meters

Lithology: Very coarse, well-sorted sand.

Organisms present: Calcareous Benthic Foraminifers
Elphidium spp.

DC2-80-EG Van Veen - 159

Latitude: 59° 43.9' N
Longitude: 140° 49.0' W
Water Depth: Less than 20 meters

Lithology: Dark-greenish-gray (5GY 4/1), medium-grain, subrounded to subangular, poorly-sorted sand.

Organisms present: Cheilostome Fragments
Abraded Pelecypod Fragment

DC2-80-EG Van Veen - 160

Latitude: 59° 43.9' N
Longitude: 140° 50.08' W
Water Depth: Less than 20 meters

Lithology: Medium- to coarse-grain, subrounded to angular, poorly-sorted sand.

Organisms present: Rare Pelecypod Fragments

DC2-80-EG Van Veen - 161

Latitude: 59° 43.9' N
Longitude: 140° 51.6' W
Water Depth: Less than 20 meters

Lithology: Dark-gray (N3), subangular to subrounded gravel with coarse sand.

Organisms present: Barren of Organic Remains

DC2-80-EG Van Veen - 162

Latitude: 59° 44.0' N
Longitude: 140° 53.0' W
Water Depth: Less than 20 meters

Lithology: Olive-black (5Y 2/1), water-saturated silt.

Organisms present: Pelecypod Fragments

DC2-80-EG Van Veen - 163

Latitude: 59° 45.1' N
Longitude: 140° 55.8' W
Water Depth: Less than 20 meters

Lithology: Olive-gray to olive-black (5Y 3/1), medium- to coarse-grain, subangular sand.

Organisms present: Rare Pelecypod Fragments

DC2-80-EG Van Veen - 164

Latitude: 59° 46.00' N
Longitude: 140° 57.5' W
Water Depth: Less than 20 meters

Lithology: Dark-greenish-gray (5GY 4/1), coarse-grain sand.

DC2-80-EG Van Veen - 165

Latitude: 59° 46.5' N
Longitude: 140° 59.0' W
Water Depth: Less than 20 meters

Lithology: Olive black (5GY 2/1), coarse-grain, subangular to subrounded sand.

Organisms present: Rare Pelecypod Fragments

DC2-80-EG Van Veen - 167

Latitude: 59° 40.1' N
Longitude: 141° 21.6' W
Water Depth: 68 meters

Lithology: Dark-greenish-gray (5GY 4/1) silt.

Organisms present:
Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Agglutinated Worm Tubes
Pelecypod
Ostracodes
Live Ophiuroid
Echinoderm Fragments and Spines
Plant Debris

Ostracode Species:	Adult	Juv.	%
Loxoconcha sp. A	7	10	42.5
"Leguminocythereis" sp. A	2	12	35.0
Pectocythere sp. D	2	2	10.0
Cytheromorpha sp. E		2	5.0
Pectocythere aff. P. quadrangulata Hanai, 1957	2		5.0
Cytheromorpha sp. B	1		2.5

Total Ostracode valves 40

DC2-80-EG Van Veen - 168

Latitude: 59° 40.1' N
Longitude: 141° 21.6' W
Water Depth: 68 meters

Lithology: Dark-greenish-gray (5GY 4/1) silt.

Organisms present: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Occasional Radiolarians
Agglutinated and Proteinaceous Worm Tubes
Pelecypods
Ostracodes
Echinoderm Fragments
Occasional Diatoms

	Ostracode Species:	Adult	Juv.	%
	Loxoconcha sp. A	38	14	37.68
	"Leguminocythereis" sp. A	1	35	26.09
*	Cytheromorpha sp. E	18	5	16.67
	Pectocythere sp. D	1	18	13.77
	Palmanella limicola (Norman, 1865)	2	2	2.90
	Robertsonites tuberculata (Sars, 1865)		2	1.45
	Pectocythere aff. P. quadrangulata Hanai, 1957		2	1.45
	Cythere sp. A	1		0.72
	Hemicytherura sp. A		1	0.72

Total Ostracode valves 138

DC2-80-EG Van Veen - 169

Latitude: 59° 39.2' N
Longitude: 141° 22.1' W
Water Depth: 73 meters

Lithology: Dark-greenish-gray (5GY 4/1), highly compacted silt.

Organisms present: Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Agglutinated Worm Tubes
Pelecypod
Ostracodes

Echinoderm Fragments
Diatoms

	Ostracode Species:	Adult	Juv.	%
	"Leguminocythereis" sp. A	1	23	54.55
*	Cytheromorpha sp. E	6		13.64
	Loxoconcha sp. A	2	2	9.09
	Pectocythere sp. D	2	2	9.09
	Palmanella limicola (Norman, 1865)	1	1	4.55
	Pectocythere aff. P. quadrangulata Hanai, 1957			
	Robertsonites tuberculata (Sars, 1865)		1	2.27
	Candona sp.		1	2.27

Total Ostracode valves 44

DC2-80-EG Van Veen - 170

Latitude: 59° 38.1' N
Longitude: 141° 22.5' W
Water Depth: 84 meters

Lithology: Dark-greenish-gray (5GY 4/1), under-consolided silt.

Organisms present:
Calcareous Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Proteinaceous and Agglutinated Worm Tubes
Pelecypods
Gastropod
Ostracodes
Echinoderm Fragments
Carbonized Wood Fragments
Diatoms

Ostracode Species:	Adult	Juv.	%
"Acanthocythereris" dunelmensis (Norman, 1865)	10	41	35.17
Pectocythere aff. P. quadrangulata Hanai, 1957	13	23	24.83
Palmanella limicola (Norman, 1865)	11	19	20.69

Ostracode Species:	Adult	Juv.	%
* Robertsonites tuberculata (Sars, 1865)	3	6	6.21
Cytherois sp. A	2	3	3.45
Cytheropteron sp. A	3	2	3.45
"Leguminocythereis" sp. A		4	2.76
Buntonia sp. A	1	2	2.07
Argilloecia sp. B	1		0.69
Loxoconcha sp. B	1		0.69

Total Ostracode valves 145

DC2-80-EG Van Veen - 174

Latitude: 59° 37.2' N
Longitude: 141° 23.1' W
Water Depth: 91 meters

Lithology: Dark-green-gray (5GY 4/1) silt.

Organisms present:
Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Agglutinated Worm Tubes
Pelecypods
Gastropods
Ostracodes
Echinoderm Fragments (primarily Ophiuroids)
Diatoms

Ostracode Species:	Adult	Juv.	%
"Acanthocythereis" dunelmensis (Norman, 1865)	4	21	37.31
* Palmanella limocola (Norman, 1865)	13	11	35.82
* Pectocythere aff. P. quadrangulata Hanai, 1957	2	2	5.97
Loxoconcha sp. B	4		5.97
Cytherois sp. A	3		4.48
Cluthia sp. A	1		1.49
Cytheromorpha sp. B		1	1.49
Loxoconcha sp. A	1		1.49
Argilloecia sp. A	1		1.49

Ostracode Species:	Adult	Juv.	%
Argilloecia sp. B		1	1.49
Buntonia sp. A	1		1.49
Cytherura sp. C		1	1.49

Total Ostracode valves 67

DC2-80-EG Van Veen - 177

Latitude: 59° 36.1' N
Longitude: 141° 23.5' W
Water Depth: 102 meters

Lithology: Dark-greenish-gray (5GY 4/1) silt with some streaks of organic material.

Organisms present:
Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Worm Tubes
Pelecypods
Gastracodes
Ostracodes
Echinoderm Fragments
Fish Bones
Woody Plant Fragments
Diatoms

Ostracode Species:	Adult	Juv.	%
* "Acanthocythereis" dunelmensis (Norman, 1865)	5	8	41.94
Palmanella limicola (Norman, 1865)	1	10	35.48
Buntonia sp. A	2		6.45
Cytheropteron sp. B	1	1	6.45
"Leguminocythereis" sp. A		1	3.23
Loxoconcha sp. B		1	3.23
Cytherois sp. A	1		3.23

Total Ostracode valves 31

DC2-80-EG Van Veen - 180

Latitude: 59° 35.2' N
Longitude: 141° 24.5' W
Water Depth: 111 meters

Lithology: Dark-gray-green (5GY 4/1) silt with worm tubes and some organic material.

Organisms present:
Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Agglutinated Worm Tubes
Pelecypods
Pteropod
Ostracodes
Echinoderm Fragments
Fish Debris
Fecal Pellets
Plant Debris
Diatoms

Ostracode Species:	Adult	Juv.	%
Palmanella limocola (Norman, 1865)	4	5	32.14
"Acanthocythereis" dunelmensis (Norman, 1865)		8	28.57
Loxoconcha sp. B	5	2	25.00
Cytherois sp. A	2		7.14
Sclerochilus sp. B	1		3.57
Cluthia sp. A	1		3.57

Total Ostracode valves 28

DC2-80-EG Van Veen - 183

Latitude: 59° 34.4' N
Longitude: 141° 25.1' W
Water Depth: 121 meters

Lithology: 3-4 cm. of gray-olive-green (5GY 3/2), mottled silt underlain by dark-greenish-gray (5GY 4/1), mottled silt with laminae of organic material.

Organisms present:
Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers

Radiolarians
Proteinaceous and Agglutinated Worm Tubes
Pelecypods
Gastropods
Ostracodes
Echinoderm Fragments
Plant Debris
Diatoms

Ostracode Species:	Adult	Juv.	%
Palmanella limicola (Norman, 1865)	1	5	40.00
Cluthia sp. A	4		26.67
Loxoconcha sp B	2		13.33
"Acanthocythereis" dunelmensis (Norman, 1865)		1	6.67
Cytheropteron sp. K.	1		6.67
"Leguminocythereis" sp. A		1	6.67

Total Ostracode valves 15

DC2-80-EG Van Veen - 186

Latitude: 59° 33.3' N
Longitude: 141° 25.3' W
Water Depth: 132 meters

Lithology: Dusky yellow-olive-green (5GY 4/2) silt underlain by dark-greenish-gray (5GY 4/1), more consolidated silt with small amounts of organic material.

Organisms present:
Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Proteinaceous and Agglutinated Worm Tubes
Cyclostome Bryozoans
Pelecypods
Gastropods
Scaphopods
Crustacean Fragments
Ostracodes
Echinoderm Fragments (primarily Ophiuroids)
Fish Scales
Plant Debris
Abundant Diatoms

Ostracode Species:	Adult	Juv.	%
Palmanella limicola (Norman, 1865)	6	61	32.37
Loxoconcha sp. B	41	6	22.71
"Acanthocythereis" dunelmensis (Norman, 1865)	4	36	19.32
Cytheropteron sp. K	14	3	8.21
Cluthia sp. A	15		7.25
Cytheropteron sp. Q	3	1	1.93
Argilloecia sp. A	3		1.45
Cytheropteron sp. B	1	2	1.45
"Leguminocythereis" sp. A		3	1.45
Loxoconcha sp. A		2	0.97
Cytheromorpha sp .C	1	1	0.48
Eucytherura sp. C	1		0.48
Bythocythere sp. B	1		0.48
Cytheropteron sp. D	1		0.48
Cytherois sp. A		1	0.48
Pseudocythere sp. A		1	0.48

Total Ostracode valves 207

DC2-80-EG Van Veen - 189

Latitude: 59° 32.5' N
Longitude: 141° 26.4' W
Water Depth: 139 meters

Lithology: Dark-greenish-gray (5G 4/1) silt.

Organisms present:
Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Radiolarians
Sponge Spicules
Proteinaceous and Agglutinated Worm Tubes
Pelecypods
Gastropods
Scaphopod
Ostracodes
Ophiuroid Vertebrae
Plant Debris
Numerous Diatoms

Ostracode Species:	Adult	Juv.	%
"Acanthocythereis" dunelmensis (Norman, 1865)	1	29	32.97
Palmanella limicola (Norman, 1865)	6	21	29.67
Loxoconcha sp. B	12	1	14.29
Munseyella sp. A	6		6.59
Cytheropteron sp. Q	4	1	5.50
Cytheropteron sp. K	4		4.40
Cluthia sp. A	2	1	3.30
"Leguminocythereis" sp. B		2	2.20
Munseyella sp. B	1		1.10

Total Ostracode valves 91

DC2-80-EG Van Veen - 192

Latitude: 59° 31.2' N
Longitude: 141° 26.8' W
Water Depth: 150 meters

Lithology: 1 cm. of grayish-olive (10Y 4/2), water-saturated silt underlain by dark greenish-gray (5GY 4/1) silt.

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

Ostracode Species:	Adult	Juv.	%
* Krithe sp. A	16	4	32.79
"Acanthocythereis" dunelmensis (Norman, 1865)	2	12	22.95
* Munseyella sp. A	10		16.39
Palmanella limicola (Norman, 1865)	5	3	13.11
Munseyella sp. B		3	4.92

Ostracode Species:	Adult	Juv.	%
Loxoconcha sp. B	2		3.28
Robertsonites tuberculata (Sars, 1865)		2	3.28
Cytheropteron sp. B	1		1.64
Cluthia sp. A	1		1.64

Total Ostracode valves 61

DC2-80-EG Van Veen - 195

Latitude: 59° 36.5' N
Longitude: 140° 19.2' W
Water Depth: 82 meters

Lithology: Dark-greenish-gray (5GY 4/1) silty mud with concentrations of organic material.

Organisms present:
Calcareous Benthic Foraminifers
Agglutinated Benthic Foraminifers
Planktic Foraminifers
Cyclostome Bryozoans
Agglutinated and Calcareous Worm Tubes
Pelecypods
Gastropods
Ostracodes
Ophiuroid Vertebrae
Plant Debris
Diatoms

	Ostracode Species:	Adult	Juv.	%
	Aurila sp. A	44	850	23.98
	Cytheropteron sp. E	173	139	8.37
	Cytheropteron aff. C. latissimum of Neale and Howe (1975)	172	115	7.70
	Cytheromorpha sp. B	226	16	6.49
	Cytheropteron sp. N	69	103	4.61
	Loxoconcha sp. A	94	70	4.40
	Pectocythere aff. P. parkerae Swain and Gilby, 1974	65	91	4.19
*	Hemicytherura sp. A	127	1	3.43

	Ostracode Species:	Adult	Juv.	%
*	Cytheropteron sp. F	89	30	3.19
	Pectocythere aff. P. quadrangulata Hanai, 1957	41	73	3.06
	Cythere sp. A	18	86	2.79
	Cytheromorpha sp. E	77	13	2.41
	Palmanella limicola (Norman, 1865)	17	55	1.93
	"Acanthocythereis" dunelmensis (Norman, 1865)	3	67	1.88
	Cytheropteron sp. R	33	21	1.45
	Paradoxostoma sp. D	33	16	1.31
	Cytheropteron sp. D	48		1.29
	Cytheropteron sp. I	26	19	1.21
	Eucythere sp. A	32	13	1.21
	"Leguminocythereis" sp. A		45	1.21
	Loxoconcha sp. D	34	9	1.15
	Paradoxostoma sp. I	21	21	1.13
*	Robertsonites tuberculata (Sars, 1865)		42	1.13
*	Argilloecia sp. A	31	6	0.99
	Hemicytherura sp. B	32	1	0.89
	Semicytherura sp. F	25	7	0.86
	Semicytherura aff. S. undata Sars, 1865	32		0.86
	Pseudocythere sp. A	30	1	0.83
	Eucytherura sp. C	26		0.70
	Cytherois sp. A	26		0.70
*	Buntonia sp. A	16	9	0.67
*	Cluthia sp. A	19		0.51
*	Hemicytherura sp. C	18		0.48
	Paradoxostoma aff. P. japonicum Schornikov, 1975	10	6	0.43
	"Leguminocythereis" sp. B		15	0.40
	Cytheropteron aff. C. nodosoalatum	11	3	0.38
	Cytheropteron sp. A	6	4	0.27
	Bythocytheromorpha sp. C	7		0.19
	Cytherois sp. B	7		0.19
	Loxoconcha sp. B	6		0.16
	Eucytherura sp. B	6		0.16
	Paradoxostoma aff. P. brunneatum Schornikov, 1975	4		0.13
	Paracytheridea sp. A	4		0.11
	Pseudocythere sp. B	4		0.11
	Candona sp.		3	0.08
	Bairdia sp.	1	2	0.08
	Loxoconcha sp. F	2		0.05
	Pectocythere sp. D	2		0.05
*	Paracypris sp. A		2	0.05
	Paradoxostoma sp. H	2		0.05
	Paradoxostoma sp. J	2		0.03

Ostracode Species:	Adult	Juv.	%
Cytheropteron sp. S	1		0.03
Hemicythere aff H. quadrinodosa Schornikov, 1974		1	0.03

Total Ostracode valves 3728

References

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