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CONTRACT  
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# SOUTH ATLANTIC BENCHMARK PROGRAM

Fourth Quarterly Summary Report  
Data Appendix  
31 December 1977

prepared for  
**BUREAU OF LAND MANAGEMENT**  
Washington, D.C.

prepared by



**TEXAS INSTRUMENTS**  
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SOUTH ATLANTIC BENCHMARK PROGRAM

Fourth Quarterly Report

Volume II

DATA APPENDIX

31 December 1977

Prepared for

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Bureau of Land Management  
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## INTRODUCTION

The following data appendix has been generated subsequent to the fourth quarterly period of the South Atlantic Benchmark Program. The data has been audited by the data center in order to identify and correct keypunch and transcription errors. The designated program task leaders are presently reviewing the data outputs for data quality format. The enclosed data has been issued to the SABP principal investigators either by previous data transfers or copies of this report. A composite listing of all data, in final corrected form, will be presented in the final report.



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SECTION I  
DATA CODE DICTIONARIES

FIELD DATA



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SABP DATA CODE DICTIONARY

Field Data Tables

<u>CODE</u>	<u>CODE IDENTIFICATION</u>
Project Code	06 = BLM/SABP
Task Code	01 = field data
Gear Code	10-50, consult separate gear code listing provided
Site	Sampling season, 1 = Winter, 1977 2 = Spring, 1977 3 = Summer, 1977 4 = Fall, 1977
Sample ID Code	Unique numbers, assigned consecutively per gear code per station occupied
Sample ID Rep	Replicate, consecutive number relating sample to gear usage. Example: Zooplankton Rep 2 = sample obtained from second zooplankton net trawl for designated station. Box core Rep 6 = sample obtained from sixth box core drop for designated station.
X, Y, Z	X = Station transect number Y = First digit indicated: near shore (1) midshelf (2), deepshelf (3) Second digit identifies station letter (A=1, B=2, C=3, etc.) Z = Sample depth: 1 = surface, sub-surface 2 = mid-depth 3 = bottom 4 = oblique tow 5 = whole water column
Date	Month/Day/Year
Time	Local time zone (24 hour clock)
Latitude, DG	Degrees, actual
MN	Minutes, actual
Sec	Seconds, actual
N/S	North/South: 1 = North 2 = South
Longitude, DG	Degrees, actual
MN	Minutes, actual
Sec	Seconds, actual
E/W	East/West: 1 = East 2 = West



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<u>CODE</u>	<u>CODE IDENTIFICATION</u>
Water Depth C	Actual depth, expressed to tenths Units code: 1 = metre units 2 = 10 metre units
Sample Depth C	Actual depth, expressed to tenths Units code: 1 = metre units 2 = 10 metre units
Water Temp	Water temperature: actual, to nearest 0.01 degrees centigrade
Saln	Salinity: actual, to nearest .001 ppt
D.O.	Dissolved oxygen: actual, to nearest 0.1 ppm
Bottom Type	First digit = predominant type Second digit = secondary type Codes: 1 = solid rock 2 = boulders (greater than 256 mm dia) 3 = cobble (64-256 mm dia) 4 = pebble (2-64 mm dia) 5 = sand (.06-2 mm dia) 6 = silt (.004-.06 mm dia) 7 = clay (less than .004 mm dia) 8 = detritus (decaying debris) 9 = muck (black, fine, organic) 20 = sand and shell fragments 30 = coarse sand over clay 40 = pterapod ooze
Gear Flow Meter	Flow meter values utilized on zooplankton hauls.
Sample V/A, units C	Sample volume or area: actual Code, 3 = cubic metres 4 = litres 5 = millilitres 6 = square metres 7 = square centimetres
D/N	Day/Night: 1 = day (sunrise to sunset) 2 = night (sunset to sunrise)
Duration, units	Actual, in units designated
Duration, C	Code: 1 = seconds 2 = minutes 3 = hours
Wind, speed , C , direction	Actual Code, 1 = knots Reported to 36 points of the compass. "00" used for calm,

---



CODE

CODE IDENTIFICATION

"36" used for true North. Code examples below:

<u>Nearest degree</u>	<u>Code figure</u>
90 (East)	09
270 (West)	27
7	01
315	32
180 (South)	18

Wave Pd Wave period, actual  
C Code, 1 = seconds

Wave Ht Wave Height, actual  
C Code, every .5 metres as demonstrated below

<u>Code</u>	<u>Wave Height</u>
1	0.5 metre
2	1.0 metre
3	1.5 metre

Wave Dr Wave Direction  
C Code, reported to 36 points of the compass. "00" used for calm, "36" used for true North. Code examples below:

<u>Nearest degree</u>	<u>Code figure</u>
90	09
270	27
7	01
315	32
180	18

Humid Humidity = actual, percent saturation

Bar Barometric pressure = actual  
C Code, 1 = millibars



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SABP DATA CODE DICTIONARY

Sampling Gear Codes

<u>GEAR CODE</u>	<u>GEAR</u>
10	Contaminant Samples, Lab Blanks
11	CTD and Associated Samples (seasonal)
12	CTD and Associated Samples (time series)
21	Hydrocarbon Surface Film
22	Hydrocarbon Near-surface and Bottom
23	Trace Metals, (Partial and Total), POC, DOC
24	Microbiology, Surface Film
25	Microbiology, Near-surface
26	Microbiology, BOD
31	Zooplankton Tow (202 $\mu$ ) seasonal
32	Zooplankton Tow (505 $\mu$ ) seasonal
33	Zooplankton Tow (202 $\mu$ ) time series
34	Zooplankton Tow (505 $\mu$ ) time series
40	Macroepifaunal Trawl
41	Box Core Geochemical Samples
42	Smith-McIntire Geochemical Samples
43	Box Core Meiofaunal Samples
44	Smith-McIntire Meiofaunal Samples
45	Box Core Macroinfaunal Samples
46	Smith-McIntire Macroinfaunal Samples
50	Incidental Observations



SECTION I

SURFACE FILM HYDROCARBON DATA



SABP DATA CODE DICTIONARY

Surface Film Hydrocarbons

<u>CODE</u>	<u>CODE IDENTIFICATION</u>
Project Code	06 = BLM/SABP
Task Code	17 = Surface film hydrocarbons
Gear Code	21 = Hydrocarbon surface film
SITE	Sampling Season 1 = Winter, 1977 2 = Spring, 1977 3 = Summer, 1977 4 = Fall, 1977
X. Y. Z	X = Station transect number Y = First digit indicates: nearshore (1), midshelf (2), deepshelf (3) Second digit identifies station letter (A=1, B=2, C=3, etc.) Z = Sample depth: 1 = surface, near-surface 2 = mid-depth 3 = bottom, near-bottom 4 = oblique tow
Sub Num	Subordinate number: unique number assigned in laboratory for internal tracking purposes
Sample Code	Unique number, assigned consecutively per gear code per station occupied
Rep	Replicate, consecutive number relating sample to gear usage
Amount analyzed	Expressed in square metres
Total extractable	Expressed in mg/square metre
Total (heptane and benzene fractions)	Expressed in mg/square metre
Compound Identification Numbers, consecutively ranked from left to right in the data table	



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SECTION I

POC/DOC DATA



SABP DATA CODE DICTIONARY

Particulate Organic Carbon/Dissolved Organic Carbon

<u>CODE</u>	<u>CODE IDENTIFICATION</u>														
PC	Project Code, 06 = BLM/SABP														
SITE	Sampling Season, 1 = Winter, 1977 2 = Spring, 1977 3 = Summer, 1977 4 = Fall, 1977														
GC	Gear Code, 23 = Trace Metals (partial & total), POC, DOC.														
TC	Task Code, 20 = POC/DOC														
X, Y, Z	X = Station transect number Y = First digit indicates nearshore (1) midshelf (2), deepshelf (3). Second digit identifies the station letter (A=1, B=2, C=3, etc.) Z = Sample depth 1 = surface, near-surface 2 = mid-depth 3 = bottom, near-bottom 4 = oblique tow														
Sample Date	Month/Day/Year														
Sample, Code	Unique number assigned consecutively per gear code per station occupied														
Rep	Replicate, consecutive number relating sample to gear usage. Example: POC rep #1 = sample secured from surface bottle, rep #2 = sample secured from bottom bottle.														
POC	Particulate Organic Carbon, expressed as micrograms of carbon per litre. <table><thead><tr><th><u>Code entry</u></th><th><u>Code identification</u></th></tr></thead><tbody><tr><td>0.300000E+00</td><td>0.3</td></tr><tr><td>0.130000E+02</td><td>13.0</td></tr><tr><td>0.700000E-01</td><td>0.07</td></tr><tr><td>-0.318000E-03</td><td>Recorded Data, below detectable limits</td></tr><tr><td>0.0 *</td><td>No data entry</td></tr><tr><td>0.0</td><td>Recorded value of zero</td></tr></tbody></table>	<u>Code entry</u>	<u>Code identification</u>	0.300000E+00	0.3	0.130000E+02	13.0	0.700000E-01	0.07	-0.318000E-03	Recorded Data, below detectable limits	0.0 *	No data entry	0.0	Recorded value of zero
<u>Code entry</u>	<u>Code identification</u>														
0.300000E+00	0.3														
0.130000E+02	13.0														
0.700000E-01	0.07														
-0.318000E-03	Recorded Data, below detectable limits														
0.0 *	No data entry														
0.0	Recorded value of zero														
DOC	Dissolved Organic Carbon, expressed as milligrams of carbon per litre code entry same as POC.														



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SECTION I

PARTICULATE, DISSOLVED, AND TOTAL TRACE METAL DATA



SABP DATA CODE DICTIONARY

Particulate, Dissolved and Total Trace Metals

<u>CODE</u>	<u>CODE IDENTIFICATION</u>														
PC	Project Code, 06 = BLM/SABP														
Site	Sample Season, 1 = Winter, 1977 2 = Spring, 1977 3 = Summer, 1977 4 = Fall, 1977														
GC	Gear Code, 23 = Trace metals (particulate and total), POC, DOC.														
TC	Task Code, 21 = Particulate trace metals, AAS 22 = Particulate trace metals, INAA 24 = Dissolved trace metals, AAS 25 = Total trace metals, AAS														
X. Y. Z	X = Station transect number Y = First digit indicates nearshore (1), midshelf (2), deepshelf (3) Second digit identifies station letter (A=1, B=2, C=3, etc.) Z = Sample depth, 1 = surface, near-surface 2 = mid-depth 3 = bottom, near-bottom 4 = oblique tow														
Sample date	Month/Day/Year														
Sample, Code	Unique number, assigned consecutively per gear code per station occupied														
Rep	Replicate, consecutive number relating sample to gear usage														
Cadmium	Expressed as microgram/litre														
	<table><thead><tr><th><u>Code entry</u></th><th><u>Code identification</u></th></tr></thead><tbody><tr><td>0.640000E+00</td><td>0.64</td></tr><tr><td>0.280000E-02</td><td>0.0028</td></tr><tr><td>0.371000E+01</td><td>3.71</td></tr><tr><td>-0.260000E-02</td><td>Recorded date, below detectable limits</td></tr><tr><td>0.0</td><td>Recorded value of zero</td></tr><tr><td>0.0 *</td><td>No data entry</td></tr></tbody></table>	<u>Code entry</u>	<u>Code identification</u>	0.640000E+00	0.64	0.280000E-02	0.0028	0.371000E+01	3.71	-0.260000E-02	Recorded date, below detectable limits	0.0	Recorded value of zero	0.0 *	No data entry
<u>Code entry</u>	<u>Code identification</u>														
0.640000E+00	0.64														
0.280000E-02	0.0028														
0.371000E+01	3.71														
-0.260000E-02	Recorded date, below detectable limits														
0.0	Recorded value of zero														
0.0 *	No data entry														
Chromimum	Coding same as cadmium														
Copper	Coding same as cadmium														



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<u>CODE</u>	<u>CODE IDENTIFICATION</u>
Iron	Coding same as cadmium
Nickel	Coding same as cadmium
Lead	Coding same as cadmium
Zinc	Coding same as cadmium



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SECTION I

ZOOPLANKTON TRACE METAL DATA



SABP DATA CODE DICTIONARY

Zooplankton Trace Metals

<u>CODE</u>	<u>CODE IDENTIFICATION</u>
PC	Project Code, 06= BLM/SABP, 1977
SITE	Sampling Season, 1 = Winter, 1977 2 = Spring, 1977 3 = Summer, 1977 4 = Fall, 1977
X. Y	X: Station transect number Y: First digit indicates: nearshore (1), midshelf (2), deepshelf (3). Second digit identifies station letter (1=A, 2=B, 3=C, etc.)
GC	Gear Code, 31 = 202 $\mu$ net 32 = 505 $\mu$ net 33 = 202 $\mu$ net, time series 34 = 505 $\mu$ net, time series
TC	Task Code, 12 = Trace Metals, AAS 13 = Trace Metals, INAA
Species/Tissue	Unidentified, entire sample split analyzed for trace metals
Trace Metal Values	Expressed in micrograms/gram

<u>Code Entry</u>	<u>Code Identification</u>
0.960000E+00	0.96
0.123000E+01	1.23
0.210000E-01	0.021
0.380000E-03-	Recorded data, below detectable limits
0.0	* Missing data entry
0.0	Data value of zero



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SECTION I

ZOOPLANKTON HYDROCARBON DATA



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SABP DATA CODE DICTIONARY

Zooplankton Hydrocarbons

<u>CODE</u>	<u>CODE IDENTIFICATION</u>
Project Code	06 = BLM/SABP
Task Code	15, Zooplankton Hydrocarbons
Gear Code	31, Zooplankton (202 $\mu$ ) tow, seasonal 32, Zooplankton (505 $\mu$ ) tow, seasonal 33, Zooplankton (202 $\mu$ ) tow, time series 34, Zooplankton (505 $\mu$ ) tow, time series
Site	Sampling Season, 1 = Winter, 1977 2 = Spring, 1977 3 = Summer, 1977 4 = Fall, 1977
X. Y. Z	X = Station transect number Y = First digit indicates = nearshore (1), mid-depth (2), deepshelf (3) Second digit identifies station letter (A=1, B=2, C=3, etc.) Z = Sample depth, 1 = surface, near-surface 2 = mid-depth 3 = bottom, near-bottom 4 = oblique tow
Sub Num	Subordinate number, unique number assigned in the laboratory for internal tracking purposes
Sample Code	Unique number, assigned consecutively per gear code per station occupied
Rep	Replicate, consecutive number relating sample to gear usage. Example, zooplankton hydrocarbon Rep #2 = sample for hydro- carbon analysis obtained from second net trawl on that station.
Dry Weight Analyzed, expressed in grams	
Wet Weight, expressed in grams	
Total Extractable, expressed in milligrams/grams	
Total (heptane and benzene fractions), expressed in milligrams/grams	
Compound Identification Number, consecutively ranked from left to right in the data table	



SECTION I

SEDIMENT HYDROCARBON DATA



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SABP DATA CODE DICTIONARY

Sediment Hydrocarbons

<u>CODE</u>	<u>CODE IDENTIFICATION</u>
Project Code	06, BLM/SABP
Task Code	33 = Sediment hydrocarbon analysis
Gear Code	41 = Box core geochemical samples
Site	Sampling Season, 1 = Winter, 1977 2 = Spring, 1977 3 = Summer, 1977 4 = Fall, 1977
X, Y, Z	X = Station transect number Y = First digit indicates: nearshore (1) mid-shelf (2), deep shelf (3) Second digit identifies station letter (A=1, B=2, C=3, etc.) Z = Sample depth, 1 = surface, sub-surface 2 = mid=depth 3 = bottom, near=bottom 4 = oblique tow
Sub Num	Subordinate number, unique number assigned by the laboratory for internal tracking procedures
Sample Code	Unique number, assigned consecutively per gear code per station occupied
Rep	Replicate, consecutive number relating sample to gear usage. Code 9 indicated pooling of samples. Therefore, hydrocarbon subsamples from each designated box core were pooled before analysis of each station.
Amount Analyzed, expressed in grams	
Wet Weight, expressed in grams	
Total Extractable, expressed in micrograms/gram	
Total Nonsaponifiable, expressed in microgram/gram	
Total (heptane and benzene fractions), expressed in microgram/gram	
Compound Identification Numbers, consecutively ranked from left to right in the data table.	



SECTION I

SEDIMENT GRAIN SIZE DATA



## SABP DATA CODE DICTIONARY

GS

Sediment Grain Size

<u>CODE</u>	<u>CODE IDENTIFICATION</u>
PC	Project Code, 06= BLM/SABP
SITE	Sampling Season, 1 = Winter, 1977 2 = Spring, 1977 3 = Summer, 1977 4 = Fall, 1977
GC	Gear Code, 41 = Box core geochemical samples
TC	Task Code, 32 = Grain Size, hydraulic 34 = Grain Size, sieve
X. Y. Z	X: Station transect number Y: First digit indicates nearshore (1), midshelf (2), deep shelf (3). Second digit identifies station letter (A=1, B=2, C=3, etc.) Z: Sample depth, 1 = surface, sub-surface 2 = mid-depth 3 = bottom, near bottom 4 = oblique tow
Sample Date	Month/Day/Year
Sample, Code	Unique number, assigned consecutively per gear code per station occupied.
Rep	Replicate, consecutive nubmer relating sample to gear usage. Example: Grain size Rep #1,2,3,4,5 or 6 = sample secured from one of the six box core samples taken for geochemistry. Rep # 7 = sample taken from pooled geochemistry sample used for hydrocarbon analysis. Rep #8 = sample taken from pooled geochemistry sample used for trace metal analysis. Rep # 9 = pooled sample.
-3 PHI	-3 phi fraction, expressed as percent total weight, codes defined as follows:

<u>Code Entry</u>	<u>Code Identification</u>
0.491800E+00	0.4918
0.236280E+01	2.3628
0.404000E-01	0.0404
-0.859900E-03	Recorded data, below detectable limits
0.0	* Missing data entry
0.0	Data value of zero



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GEOCHEM, GS-2

<u>CODE</u>	<u>CODE IDENTIFICATION</u>
-2 PHI	-2 phi fraction, codes defined as in -3 phi
-1 PHI	-1 phi fraction, codes defined as in -3 phi
0 PHI	0 phi fraction, codes defined as in -3 phi
1 PHI	1 phi fraction, codes defined as in -3 phi
2 PHI	2 phi fraction, codes defined as in -3 phi
3 PHI	3 phi fraction, codes defined as in -3 phi
4 PHI	4 phi fraction, codes defined as in -3 phi
PAN	Greater than 4 phi fraction, codes defined as in -3 phi



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SECTION I

MICROINFAUNA TAXONOMY/DENSITY DATA



SABP DATA CODE DICTIONARY

Meiofauna and Foraminifera Taxonomy/Density Tables

<u>CODE</u>	<u>CODE IDENTIFICATION</u>
PC	Project Code, 06 = BLM/SABP, 1977
GC	Gear Code, 43: Boxcore/microinfauna
S	Site Sampling Season, 1 = Winter, 1977 2 = Spring, 1977 3 = Summer, 1977 4 = Fall, 1977
LOC	Station Location Data First Digit: station transect number Second Digit: nearshore (1), mid-depth (2), deepshelf (3) Third Digit: station letter, (1=A, 2=B, 3=C, etc.) Fourth Digit: sample depth (3=bottom)
LS	Life Stage, consult attached life stage list
Taxa	Microinfaunal identification to lowest possible identification level (LPIL)
Station Report	Listing of density of organisms by each taxa identified for each subcore per station occupied. Mean subcore density ( $\bar{x}$ ) standard error (S.E.) and relative abundance (REL AB%) is calculated for each taxa per station occupied. Total density, diversity ( $H'$ and $J'$ ) and number of taxa are calculated for each subcore.
Transect Report	Listing of density of organisms by each taxa identified for each station per transect occupied. Mean station density ( $\bar{x}$ ), standard error (S.E.) and relative abundance (REL AB%) is calculated for each taxa per transect occupied. Total density, diversity ( $H'$ and $J'$ ) and number of taxa are calculated for each station.
Cruise Report	Listing of density of organisms by each taxa identified for each transect occupied per cruise effort. Mean transect density ( $\bar{x}$ ) standard error (S.E.) and relative abundance (REL AB%) is calculated for each taxa per cruise effort. Total density, diversity ( $H'$ and $J'$ ) and number of taxa are calculated for each transect.



---

SABP LIFE STAGE CODES

Faunal Groups = Zooplankton/Meiofauna

<u>STAGE</u>	<u>CODE</u>
adult	01
larva	02
pupa	03
egg	04
nestling	05
immature	06
juvenile	07
	08
trochophore	09
ephippium	10
statoblast	11
nauplius	12
nmyph	13
copepodid	14
protozoa	15
zoa	16
post larva	17
colony	18
undetermined	19
mixed	20



SECTION II

FIELD DATA

BLM OCS/SABP

WINTER CRUISE 1977

IN-SITU FIELD DATA SUMMARY

HYDROCARBONS (SURFACE FILM)

PROJECT TASK GEAR SITE  
CODE CODE CODE  
06 01 21 1

SAMPLE ID	X	Y	Z	DATE	TIME (2400)	LATITUDE			LONGITUDE			WATER		SAMPLE	WATER	SALN	D.O.	BOTTOM	GEAR	FLOWMETER		
CODE	REP					DG	MN	SEC	N/S	DEG	MN	SEC	E/W	DPTH	C	DPTH	C	TEMP	TYPE	END	START	CAL
0077	1	01	24	1	02/08/77	2300	33	20	00.00	1	077	46	00.00	2	29.0	1	0.0	1	11.09	35.9	7.8	
0063	1	02	25	1	02/07/77	0800	32	40	00.00	1	078	47	00.00	2	34.0	1	0.0	1		35.9	7.9	
0050	1	04	25	1	02/04/77	1230	31	34	00.00	1	080	03	00.00	2	28.7	1	0.0	1		36.4	7.8	

DATE 12/12/77  
PAGE NO 1, PART 1 OF 2  
T200LFLD 03/29/77

BLM OCS/SABP

WINTER CRUISE 1977

IN-SITU FIELD DATA SUMMARY

HYDROCARBONS (SURFACE FILM)

PROJECT CODE	TASK CODE	GEAR CODE	SITE
06	01	21	1

SAMPLE CODE	ID	X	Y	Z	DATE	SAMPLE UNITS	V/A C	D/N	DURATION UNITS	C	WIND SPD	C	DIR	WAVE PD	WAVE C	WAVE HT	WAVE C	DR	C	HUMID	BAR	C
0077	1	01	24	1	02/08/77						2											
0063	1	02	25	1	02/07/77						1											
0050	1	04	25	1	02/04/77						1											

DATE  
PAGE NO  
T200LFLD

12/12/77  
1, PART 2 OF 2  
03/29/77



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SECTION II

HYDROCARBON DATA

BLM OCS/SABP

WINTER CRUISE 1977

HYDROCARBON ANALYSIS

SURFACE FILM

SURFACE FILM

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION X Y Z	SUB NUM	SAMPLE CODE	REP
6	17	21	1	1 24 1	10	77	1

AMOUNT ANALYZED	1.000 SQ M	HEPTANE FRACTION (F0)	HEPTANE FRACTION (F1)	BENZENE FRACTION (F2)
TOTAL EXTRACTABLE	18.000 MG /SQ M			
TOTAL NONSAPONIFIABLE	0.0 MG /SQ M	TOTAL 0.0 MG /SQ M	3.030 MG /SQ M	1.200 MG /SQ M
TOT NONSAP / TOT EXTR	0.0	GC RESOLVED 0.0	1.330	*****
TOT FRACT / TOT NONSAP	0.210	GC UNRESOLVED 0.0	1.700	*****
LOW WT / HIGH WT	18.100	FRACTION / NONSAP 0.0	0.150	0.070
ODD LOW / EVEN LOW	0.960	GAS CHROM / TOTAL 0.0	1.120	0.0
ODD HIGH/ EVEN HIGH	1.520	RESOLVED / GAS CHROM 0.0	0.440	0.0
PRISTANE / PHYTANE	1.050	DETERMINED / RESOLVED 0.0	0.550	0.0
PRISTANE / C17	0.580			
PHYTANE / C18	0.300			
C17 / C18	0.540			

29

COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG /SQ M)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG /SQ M)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG /SQ M)
1500	1500	1	0.0070	1600	1600	1	0.0350	1700	1700	1	0.1180
1701	1720	1	0.0700	1800	1800	1	0.2210	1801	1820	1	0.0660
1900	1900	1	0.1750	2000	2000	1	0.0970	2100	2100	1	0.0370
2200	2200	1	0.0140	2300	2300	1	0.0060	2400	2400	1	0.0030
2500	2500	1	0.0030	2600	2600	1	0.0020	2700	2700	1	0.0020
2800	2800	1	0.0010	2900	2900	1	0.0040				

NOTE: A NEGATIVE VALUE IS BELOW THE LIMIT OF DETECTION. ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

DATE 12/12/77  
PAGE NO 1  
TQCOHCBN 08/23/77

BLM OCS/SABP

WINTER CRUISE 1977

HYDROCARBON ANALYSIS

SURFACE FILM

SURFACE FILM

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION			SUB NUM	SAMPLE CODE	REP
				X	Y	Z			
6	17	21	1	2	25	1	10	63	1

AMOUNT ANALYZED	1.000 SQ M	HEPTANE FRACTION (F0)	HEPTANE FRACTION (F1)	BENZENE FRACTION (F2)
TOTAL EXTRACTABLE	85.900 MG /SQ M			
TOTAL NONSAPONIFIABLE	0.0 MG /SQ M	TOTAL	0.0 MG /SQ M	8.800 MG /SQ M
TOT NONSAP / TOT EXTR	0.0	GC RESOLVED	0.0	2.400
TOT FRACT / TOT NONSAP	0.200	GC UNRESOLVED	0.0	3.000
LOW WT / HIGH WT	12.900	FRACTION / NONSAP	0.0	0.090
ODD LOW / EVEN LOW	1.140	GAS CHROM / TOTAL	0.0	0.650
ODD HIGH / EVEN HIGH	1.700	RESOLVED / GAS CHROM	0.0	0.450
PRISTANE / PHYTANE	1.120	DETERMINED / RESOLVED	0.0	0.560
PRISTANE / C17	0.0			
PHYTANE / C18	0.0			
C17 / C18	0.0			

COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG /SQ M)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG /SQ M)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG /SQ M)
1400	1400	1	0.0020	1500	1500	1	0.0130	1600	1600	1	0.0770
1700	1700	1	0.2400	1701	1715	1	0.1400	1800	1800	1	0.3000
1801	1815	1	0.1200	1900	1900	1	0.3000	2000	2000	1	0.1550
2100	2100	1	0.0600	2200	2200	1	0.0240	2300	2300	1	0.0110
2400	2400	1	0.0070	2500	2500	1	0.0050	2600	2600	1	0.0050
2700	2700	1	0.0050	2800	2800	1	0.0060	2900	2900	1	0.0070
3000	3000	1	0.0060	3100	3100	1	0.0070	3200	3200	1	0.0050

NOTE: A NEGATIVE VALUE IS BELOW THE LIMIT OF DETECTION.  
 ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

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BLM DCS/SABP

WINTER CRUISE 1977

HYDROCARBON ANALYSIS

SURFACE FILM

SURFACE FILM

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION			SUB NUM	SAMPLE CODE	REP
E	17	21	1	X	Y	Z	NUM	CODE	1
				4	25	1	10	50	

AMOUNT ANALYZED	0.500 SQ M	HEPTANE FRACTION (F0)	HEPTANE FRACTION (F1)	LENZENE FRACTION (F2)
TOTAL EXTRACTABLE	143.000 MG /SQ M	-----		
TOTAL NONSAPONIFIABLE	0.0 MG /SQ M	TOTAL	0.0 MG /SQ M	13.200 MG /SQ M
TOT NONSAP / TOT EXTR	0.0	GC RESOLVED	0.0	1.780
TOT FRACT / TOT NONSAP	0.880	GC UNRESOLVED	0.0	1.900
LOW WT / HIGH WT	16.400	FRACTION / NONSAP	0.0	0.0
ODD LOW / EVEN LOW	1.100	GAS CHROM / TOTAL	0.0	0.290
ODD HIGH / EVEN HIGH	0.0	RESOLVED / GAS CHROM	0.0	0.460
PRISTANE / PHYTANE	0.900	DETERMINED / RESOLVED	0.0	0.0
PRISTANE / C17	0.600			
PHYTANE / C18	0.430			
C17 / C18	0.690			

COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG /SQ M)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG /SQ M)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG /SQ M)
1400	1400	1	0.0020	1500	1500	1	0.0130	1600	1600	1	0.0830
1700	1700	1	0.3160	1701	1710	1	0.1890	1800	1800	1	0.4570
1801	1820	1	0.1940	1900	1900	1	0.4570	2000	2000	1	0.2410
2100	2100	1	0.0920	2200	2200	1	0.0350	2300	2300	1	0.0150
2400	2400	1	0.0080	2500	2500	1	0.0060	2600	2600	1	0.0040
2700	2700	1	0.0040	2800	2800	1	0.0050				

NOTE: A NEGATIVE VALUE IS BELOW THE LIMIT OF DETECTION.  
 ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

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SECTION III  
WATER CHEMISTRY TASK

POC/DOC DATA

BLM OCS/SABR

WINTER CRUISE 1977

PC SITE GC TC  
6 1 23 20 POC (UG/L) & DOC (MG/L)

LOCATION			SAMPLE	SAMPLE	POC		DOC
X	Y	Z	DATE	CODE	REP	POC	DOC
1	24	1	2/ 7/77	73	1	0.522000E+02	0.499000E+01
1	24	3	2/ 4/77	73	2	0.651000E+02	0.750000E+01
2	25	1	2/ 7/77	60	1	0.233000E+02	0.381000E+01
2	25	3	2/ 7/77	60	2	0.608000E+02	0.352000E+01
2	26	1	2/ 7/77	67	1	0.714000E+02	0.559000E+01
2	26	3	2/ 7/77	67	2	0.559000E+02	0.721000E+01
3	24	1	2/ 4/77	55	1	0.743000E+02	0.358000E+01
3	24	3	2/ 4/77	55	2	0.112600E+03	0.361000E+01
4	24	1	2/ 4/77	41	1	0.504000E+02	0.391000E+01
4	24	3	2/ 4/77	41	2	0.543000E+02	0.332000E+01
4	25	1	2/ 4/77	45	1	0.591000E+02	0.332000E+01
4	25	3	2/ 4/77	45	2	0.607000E+02	0.364000E+01
5	11	1	2/ 3/77	20	1	0.108500E+03	0.575000E+01
5	11	3	2/ 3/77	20	2	0.123900E+03	0.624000E+01
5	12	1	2/ 3/77	26	1	0.115200E+03	0.590000E+01
5	12	3	2/ 3/77	26	2	0.102700E+03	0.657000E+01
5	25	1	2/ 3/77	30	1	0.596000E+02	0.172000E+01
5	25	3	2/ 3/77	30	2	0.768000E+02	0.155000E+01
5	27	1	2/ 3/77	36	1	0.117200E+03	0.277000E+01
5	27	3	2/ 3/77	36	2	0.903000E+02	0.242000E+01
6	24	1	2/ 2/77	13	1	0.483000E+02	0.295000E+01
6	24	3	2/ 2/77	13	2	0.886000E+02	0.137000E+01
7	24	1	2/ 1/77	4	1	0.993000E+02	0.164000E+01
7	24	3	2/ 1/77	4	2	0.175000E+02	0.126000E+01

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SECTION III

PARTICULATE TRACE METAL, AAS

BLM OCS/SABP

WINTER CRUISE 1977

PC SITE GC TC  
6 1 23 21

PARTICULATE TRACE METALS (AAS) - UG/L

LOCATION	SAMPLE	SAMPLE			CADMIUM	CHROMIUM	COPPER	IRON	NICKEL	LEAD	ZINC
X Y Z	DATE	CODE REP									
1 24 1	2/ 7/77	73 1			0.640000E-02	-0.110000E-01	-0.420000E-01	0.910000E+00	-0.240000E-01	-0.900000E-02	-0.790000E-02
1 24 3	2/ 4/77	73 2			0.270000E-02	-0.170000E-01	-0.300000E-01	0.100000E+01	-0.340000E-01	-0.130000E-01	-0.112000E-01
2 25 1	2/ 7/77	60 1			0.210000E-02	-0.900000E-02	0.350000E-01	0.179000E+01	-0.180000E-01	-0.710000E-02	-0.620000E-02
2 25 3	2/ 7/77	60 2			0.180000E-02	-0.110000E-01	-0.290000E-01	0.980000E+00	-0.240000E-01	-0.880000E-02	-0.770000E-02
2 26 1	2/ 7/77	67 1			0.540000E-02	-0.130000E-01	-0.190000E-01	0.348000E+01	-0.280000E-01	-0.110000E-01	-0.950000E-02
2 26 3	2/ 7/77	67 2			0.730000E-03	-0.900000E-02	-0.250000E-01	0.160000E+00	-0.200000E-01	-0.750000E-02	0.210000E-01
3 24 1	2/ 4/77	55 1			0.200000E-02	-0.120000E-01	-0.330000E-01	0.230000E+00	-0.260000E-01	-0.980000E-02	0.410000E-01
3 24 3	2/ 4/77	55 2			0.280000E-02	-0.900000E-02	-0.240000E-01	0.181000E+01	-0.180000E-01	-0.720000E-02	-0.630000E-02
4 24 1	2/ 4/77	41 1			0.630000E-02	-0.260000E-01	0.710000E-01	0.200000E+00	-0.560000E-01	-0.210000E-01	0.940000E-01
4 24 3	2/ 4/77	41 2			0.240000E-02	-0.300000E-01	0.101000E+00	0.370000E+00	-0.640000E-01	-0.240000E-01	0.350000E-01
4 25 1	2/ 4/77	45 1			0.220000E-02	-0.180000E-01	-0.480000E-01	0.190000E+00	-0.380000E-01	-0.140000E-01	0.240000E-01
4 25 3	2/ 4/77	45 2			0.880000E-03	-0.120000E-01	-0.310000E-01	0.520000E+00	-0.240000E-01	-0.140000E-01	0.210000E-01
5 11 1	2/ 3/77	20 1			0.141000E-01	-0.290000E-01	-0.790000E-01	0.371000E+02	-0.620000E-01	-0.240000E-01	0.860000E-01
5 11 3	2/ 3/77	20 2			0.230000E-02	-0.290000E-01	0.154000E+00	0.288000E+02	-0.620000E-01	-0.230000E-01	0.720000E-01
5 12 1	2/ 3/77	26 1			0.400000E-02	-0.240000E-01	-0.650000E-01	0.174000E+02	-0.520000E-01	-0.200000E-01	0.760000E-01
5 12 3	2/ 3/77	26 2			0.320000E-02	-0.280000E-01	-0.770000E-01	0.254000E+02	-0.600000E-01	-0.230000E-01	0.200000E-01
5 25 1	2/ 3/77	30 1			0.240000E-02	-0.210000E-01	-0.560000E-01	0.280000E+00	-0.440000E-01	-0.170000E-01	0.150000E-01
5 25 3	2/ 3/77	30 2			0.110000E-02	-0.140000E-01	-0.390000E-01	0.600000E+00	-0.300000E-01	-0.120000E-01	0.100000E-01
5 27 1	2/ 3/77	36 1			0.900000E-03	-0.110000E-01	-0.310000E-01	0.220000E+00	-0.240000E-01	-0.930000E-02	-0.820000E-02
5 27 3	2/ 3/77	36 2			0.180000E-02	-0.110000E-01	-0.360000E-01	0.140000E+01	-0.240000E-01	-0.900000E-02	0.400000E-01
6 24 1	2/ 2/77	13 1			0.670000E-02	-0.800000E-02	0.520000E-01	0.155000E+01	-0.180000E-01	-0.690000E-02	0.830000E-01
6 24 3	2/ 2/77	13 2			0.104000E-01	0.920000E-01	-0.120000E-01	0.210000E+01	-0.240000E-01	-0.950000E-02	0.190000E-01
7 24 1	2/ 1/77	4 1			0.290000E-02	0.650000E-01	-0.120000E-01	0.304000E+01	-0.240000E-01	-0.950000E-02	-0.830000E-02
7 24 3	2/ 1/77	4 2			0.620000E-02	0.120000E+00	-0.150000E-01	0.477000E+01	-0.320000E-01	-0.124000E-01	0.340000E-01

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SECTION III

PARTICULATE TRACE METAL, INAA

PC SITE GC TC  
6 1 23 22

PARTICULATE TRACE METALS (INAA) - UG/L

LOCATION X Y Z	SAMPLE DATE	SAMPLE CODE REP	VANADIUM	ALUMINUM	COPPER	CALCIUM	BARIIUM	CADMIUM	CHROMIUM
1 24 1	2/ 7/77	73 1	-0.300000E-05	0.471000E-02	-0.310000E-02	-0.320000E-01	-0.210000E-02	-0.220000E-02	0.200000E-04
1 24 3	2/ 4/77	73 2	-0.230000E-05	0.450000E-02	0.594000E-02	-0.220000E-01	-0.160000E-02	-0.170000E-02	0.120000E-04
2 25 1	2/ 7/77	60 1	0.658000E-05	0.138000E-01	-0.170000E-02	-0.170000E-01	0.349000E-02	-0.340000E-02	-0.160000E-02
2 25 3	2/ 7/77	60 2	0.711000E-05	0.165000E-01	-0.220000E-02	-0.180000E-01	0.514000E-02	-0.330000E-02	0.185000E-02
2 26 1	2/ 7/77	67 1	0.110000E-04	0.216000E-01	-0.270000E-02	-0.280000E-01	0.243000E-01	0.698000E-02	0.118000E-02
2 26 3	2/ 7/77	67 2	0.102000E-04	0.112000E-01	-0.190000E-02	-0.220000E-01	0.144000E-01	0.109000E-01	0.897000E-02
3 24 1	2/ 4/77	55 1	-0.170000E-05	0.322000E-02	-0.190000E-02	-0.190000E-02	0.0	0.0	0.0
3 24 3	2/ 4/77	55 2	0.270000E-05	0.142000E-01	-0.180000E-02	-0.170000E-01	0.0	0.0	0.0
4 24 1	2/ 4/77	41 1	0.114000E-04	0.329000E-01	-0.490000E-02	-0.420000E-01	0.660000E-01	0.216000E-01	0.301000E-01
4 24 3	2/ 4/77	41 2	0.233000E-04	0.369000E-01	-0.550000E-02	-0.660000E-01	-0.460000E-02	-0.420000E-02	0.132000E-03
4 25 1	2/ 4/77	45 1	-0.260000E-05	-0.350000E-02	-0.280000E-02	-0.320000E-01	0.258000E-02	0.992000E-03	0.225000E-04
4 25 3	2/ 4/77	45 2	-0.170000E-05	0.325000E-02	-0.190000E-02	-0.180000E-01	0.257000E-02	-0.150000E-02	0.514000E-05
5 11 1	2/ 3/77	20 1	0.203000E-04	0.128000E+00	-0.750000E-02	0.347000E+00	-0.480000E-02	0.287000E-03	0.409000E-04
5 11 3	2/ 3/77	20 2	0.137000E-04	0.106000E+00	-0.650000E-02	-0.610000E-01	-0.400000E-02	0.247000E-02	0.488000E-04
5 12 1	2/ 3/77	26 1	0.190000E-04	0.667000E-01	-0.530000E-02	-0.550000E-01	-0.340000E-02	0.149000E-02	0.649000E-04
5 12 3	2/ 3/77	26 2	0.259000E-04	0.798000E-01	-0.580000E-02	-0.510000E-01	-0.350000E-02	-0.310000E-03	0.948000E-04
5 25 1	2/ 3/77	30 1	0.118000E-04	0.259000E-01	-0.400000E-02	-0.490000E-01	0.418000E-02	-0.410000E-02	0.225000E-02
5 25 3	2/ 3/77	30 2	0.854000E-05	0.195000E-01	0.567000E-02	0.115000E+00	0.150000E-01	-0.330000E+00	0.247000E-02
5 27 1	2/ 3/77	36 1	0.736000E-05	0.150000E-01	-0.210000E-02	-0.270000E-01	0.769000E-02	-0.300000E-02	0.144000E-02
5 27 3	2/ 3/77	36 2	0.872000E-05	0.166000E-01	-0.210000E-02	-0.200000E-01	0.859000E-01	0.558000E-02	0.138000E-02
6 24 1	2/ 2/77	13 1	0.406000E-05	0.128000E-01	-0.150000E-02	-0.170000E-01	-0.110000E-02	-0.840000E-03	0.164000E-04
6 24 3	2/ 2/77	13 2	0.373000E-05	0.178000E-01	-0.200000E-02	-0.320000E-01	-0.170000E-02	-0.130000E-02	0.375000E-05
7 24 1	2/ 1/77	4 1	0.665000E-05	0.202000E-01	-0.260000E-02	-0.260000E-01	-0.160000E-02	0.515000E-03	0.432000E-04
7 24 3	2/ 1/77	4 2	0.891000E-06	0.226000E-01	-0.280000E-02	-0.290000E-01	-0.210000E-02	-0.160000E-02	0.309000E-04

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BLM OCS/SABP

WINTER CRUISE 1977

PC SITE GC TC  
6 1 23 22

PARTICULATE TRACE METALS (INAA) - UG/L

LOCATION			SAMPLE	SAMPLE	PARTICULATE TRACE METALS (INAA) - UG/L		
X	Y	Z	DATE	CODE	REP	IRON	ZINC
1	24	1	2/ 7/77	73	1	0.325000E-02	0.214000E-03
1	24	3	2/ 4/77	73	2	0.193000E-02	0.397000E-03
2	25	1	2/ 7/77	60	1	0.103000E+00	0.110000E-02
2	25	3	2/ 7/77	60	2	0.999000E-01	0.692000E-03
2	26	1	2/ 7/77	67	1	0.269000E+00	0.135000E-01
2	26	3	2/ 7/77	67	2	0.388000E+01	0.175000E+00
3	24	1	2/ 4/77	55	1	0.0	0.0
3	24	3	2/ 4/77	55	2	0.0	0.0
4	24	1	2/ 4/77	41	1	0.139000E+02	0.175000E+01
4	24	3	2/ 4/77	41	2	0.395000E-01	0.439000E-03
4	25	1	2/ 4/77	45	1	0.231000E-02	0.270000E-03
4	25	3	2/ 4/77	45	2	0.0	0.262000E-03
5	11	1	2/ 3/77	20	1	0.518000E-03	0.793000E-04
5	11	3	2/ 3/77	20	2	0.0	0.349000E-03
5	12	1	2/ 3/77	26	1	0.509000E-02	0.928000E-04
5	12	3	2/ 3/77	26	2	0.177000E-02	0.569000E-03
5	25	1	2/ 3/77	30	1	0.605000E-02	0.205000E-02
5	25	3	2/ 3/77	30	2	0.129000E+00	0.335000E-03
5	27	1	2/ 3/77	36	1	0.225000E+00	0.573000E-03
5	27	3	2/ 3/77	36	2	0.289000E+01	0.279000E+00
6	24	1	2/ 2/77	13	1	0.169000E-02	0.193000E-04
6	24	3	2/ 2/77	13	2	0.167000E-02	0.182000E-03
7	24	1	2/ 1/77	4	1	0.417000E-03	0.218000E-03
7	24	3	2/ 1/77	4	2	0.448000E-03	0.700000E-03

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SECTION III

DISSOLVED TRACE METAL, AAS

PC SITE GC TC  
6 1 23 24

## DISSOLVED TRACE METALS (AAS) - UG/L

LOCATION X Y Z	SAMPLE DATE	SAMPLE CODE REP	CADMIUM	CHROMIUM	COPPER	IRON	NICKEL	LEAD	ZINC
1 24 1	2/ 7/77	73 1	0.130000E-02	-0.780000E-02	-0.170000E-01	-0.210000E-02	-0.120000E-01	-0.900000E-02	0.200000E-01
1 24 3	2/ 4/77	73 2	0.180000E-02	-0.550000E-02	-0.120000E-01	-0.200000E-02	-0.170000E-01	-0.130000E-01	0.160000E-01
2 25 1	2/ 7/77	60 1	0.140000E-02	-0.430000E-02	-0.900000E-02	-0.240000E-02	-0.900000E-02	-0.710000E-02	-0.570000E-02
2 25 3	2/ 7/77	60 2	0.160000E-02	-0.540000E-02	-0.120000E-01	0.520000E-01	-0.120000E-01	-0.880000E-02	0.530000E-01
2 26 1	2/ 7/77	67 1	0.220000E-02	-0.670000E-02	-0.140000E-01	-0.240000E-02	-0.140000E-01	-0.110000E-01	-0.890000E-02
2 26 3	2/ 7/77	67 2	0.260000E-02	-0.460000E-02	0.130000E-01	-0.170000E-02	-0.100000E-01	-0.750000E-02	-0.610000E-02
3 24 1	2/ 4/77	55 1	0.150000E-02	-0.600000E-02	-0.130000E-01	-0.210000E-02	-0.130000E-01	-0.980000E-02	0.610000E-01
3 24 3	2/ 4/77	55 2	0.500000E-03	-0.880000E-02	-0.900000E-02	-0.160000E-02	-0.900000E-02	-0.720000E-02	-0.580000E-02
4 24 1	2/ 4/77	41 1	0.180000E-02	-0.130000E-01	-0.280000E-01	-0.500000E-02	-0.280000E-01	-0.210000E-01	0.610000E-01
4 24 3	2/ 4/77	41 2	0.420000E-02	-0.150000E-01	0.450000E-01	-0.500000E-02	-0.320000E-01	-0.240000E-01	-0.110000E-01
4 25 1	2/ 4/77	45 1	0.120000E-02	-0.870000E-02	-0.190000E-01	-0.310000E-02	-0.190000E-01	-0.140000E-01	0.210000E-01
4 25 3	2/ 4/77	45 2	0.760000E-03	-0.560000E-02	-0.120000E-01	-0.200000E-02	-0.120000E-01	-0.140000E-01	0.200000E-01
5 11 1	2/ 3/77	20 1	0.240000E-02	-0.145000E-01	-0.310000E-01	0.680000E+01	-0.310000E-01	-0.240000E-01	0.380000E-01
5 11 3	2/ 3/77	20 2	0.340000E-02	0.170000E-01	-0.310000E-01	0.640000E+01	-0.310000E-01	-0.230000E-01	0.700000E-01
5 12 1	2/ 3/77	26 1	0.350000E-02	0.590000E-01	0.700000E-01	0.440000E+01	-0.260000E-01	-0.200000E-01	0.670000E-01
5 12 3	2/ 3/77	26 2	0.230000E-02	-0.141000E-01	-0.300000E-01	0.580000E+01	-0.300000E-01	-0.230000E-01	-0.190000E-01
5 25 1	2/ 3/77	30 1	-0.700000E-03	-0.104000E-01	-0.220000E-01	-0.370000E-02	-0.220000E-01	-0.170000E-01	-0.140000E-01
5 25 3	2/ 3/77	30 2	0.820000E-03	-0.720000E-02	-0.150000E-01	-0.260000E-02	-0.150000E-01	-0.120000E-01	-0.100000E-01
5 27 1	2/ 3/77	36 1	0.190000E-02	-0.570000E-02	0.140000E-01	-0.200000E-02	-0.120000E-01	-0.930000E-02	-0.760000E-02
5 27 3	2/ 3/77	36 2	0.220000E-02	-0.550000E-02	-0.120000E-01	-0.200000E-02	-0.120000E-01	-0.900000E-02	-0.730000E-02
6 24 1	2/ 2/77	13 1	0.120000E-02	-0.430000E-02	-0.900000E-02	0.140000E+00	-0.900000E-02	-0.690000E-02	0.270000E-01
6 24 3	2/ 2/77	13 2	0.140000E-02	-0.580000E-02	-0.130000E-01	0.120000E+00	-0.120000E-01	-0.950000E-02	-0.780000E-02
7 24 1	2/ 1/77	4 1	0.430000E-02	-0.580000E-02	-0.130000E-01	0.810000E+00	-0.120000E-01	-0.950000E-02	0.330000E-01
7 24 3	2/ 1/77	4 2	0.560000E-02	-0.760000E-02	-0.160000E-01	0.810000E+00	-0.160000E-01	-0.124000E-01	-0.100000E-01

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SECTION III

TOTAL TRACE METAL, AAS

BLM OCS/SABP

WINTER CRUISE 1977

PC SITE GC TC  
6 1 23 25

TOTAL TRACE METALS (AAS) - UG/L

LOCATION			SAMPLE									
X	Y	Z	DATE	CODE	REP	CADMIUM	CHROMIUM	COPPER	IRON	NICKEL	LEAD	ZINC
1	24	1	2/ 7/77	73	1	-0.380000E-01	-0.630000E-01	0.180000E+01	0.160000E+02	-0.200000E+00	0.800000E+00	0.110000E+02
3	24	1	2/ 4/77	55	1	-0.380000E-01	-0.630000E-01	0.250000E+01	0.110000E+02	-0.200000E+00	0.400000E+00	0.130000E+02
5	12	1	2/ 3/77	26	1	-0.380000E-01	-0.630000E-01	0.120000E+01	0.370000E+02	-0.200000E+00	-0.100000E+00	0.100000E+02
5	25	1	2/ 3/77	30	1	-0.380000E-01	-0.630000E-01	0.900000E+00	0.160000E+02	-0.200000E+00	0.210000E+01	0.140000E+02
5	27	1	2/ 3/77	36	1	-0.380000E-01	-0.630000E-01	0.900000E+00	0.150000E+02	-0.200000E+00	0.800000E+00	0.120000E+02
7	24	1	2/ 1/77	4	1	-0.380000E-01	-0.630000E-01	0.600000E+00	0.240000E+02	-0.200000E+00	0.900000E+00	0.800000E+01

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SECTION IV  
ZOOPLANKTON TASK

FIELD DATA

BLM OCS/SABP

WINTER CRUISE 1977

IN-SITU FIELD DATA SUMMARY

ZOOPLANKTON (SEASONAL)

PROJECT TASK GEAR SITE  
CODE CODE CODE  
06 01 31 1

SAMPLE ID	X	Y	Z	DATE	TIME	LATITUDE			LONGITUDE			WATER	SAMPLE	WATER	SALN	D.O.	BOTTOM	GEAR	FLOWMETER			
CODE	REP				(2400)	DG	MN	SEC	N/S	DEG	MN	SEC	E/W	DPTH	C	DPTH	C	TEMP	TYPE	END	START	CAL
0074	1	01	24	4	02/07/77	2334	33	20	00.00	1	077	46	00.00	2	28.0	1	10.8	35.9	8.8	187350	118930	37
0074	2	01	24	4	02/07/77	2334	33	20	00.00	1	077	46	00.00	2	28.0	1	10.8	35.9	8.8	187350	118930	37
0061	1	02	25	4	02/07/77	0826	32	40	00.00	1	078	47	00.00	2	34.0	1	12.9	35.9	7.9	118932	079174	37
0061	2	02	25	4	02/07/77	0955	32	40	00.00	1	078	47	00.00	2	34.0	1	12.9	35.9	7.9	118932	079174	37
0046	1	04	25	4	02/04/77	1011	31	34	00.00	1	080	03	00.00	2	37.0	1	14.7	36.5	7.9	460603	393558	37
0046	2	04	25	4	02/04/77	1011	31	34	00.00	1	080	03	00.00	2	37.0	1	14.7	36.5	7.9	460603	393558	37
0031	1	05	25	4	02/03/77	1941	31	03	00.00	1	080	26	00.00	2	033.0	1	16.2	36.5	7.7	309393	250146	37
0031	2	05	25	4	02/03/77	1941	31	30	00.00	1	080	26	00.00	2	033.0	1	16.2	36.5	7.7	309393	250146	37
0015	1	06	24	4	02/02/77	1033	30	23	00.00	1	080	36	00.00	2	26.0	1	16.0	36.4	9.4	182938	160300	37
0015	2	06	24	4	02/02/77	1033	30	23	00.00	1	080	36	00.00	2	26.0	1	16.0	36.4	9.4	182938	160300	37
0006	1	07	24	4	02/01/77	2350	29	34	00.00	1	80	22	00.00	2	46.0	1	19.1	36.5	7.3	091374	056256	37
0006	2	07	24	4	02/01/77	2350	29	34	00.00	1	80	22	00.00	2	46.0	1	19.1	36.5	7.3	091374	056256	37

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BLM OCS/SABP

WINTER CRUISE 1977

IN-SITU FIELD DATA SUMMARY

ZOOPLANKTON (SEASONAL)

PROJECT TASK GEAR SITE  
CODE CODE CODE SITE  
06 01 31 1

SAMPLE CODE	ID REP	X	Y	Z	DATE	SAMPLE UNITS	V/A C	D/N	DURATION UNITS	C	WIND			WAVE			HUMID	BAR
											SPD	C	DIR	PD	C	HT		
0074	1	01	24	4	02/07/77	.	1	2	22.0	2								
0074	2	01	24	4	02/07/77	.	1	2	22.0	2								
0061	1	02	25	4	02/07/77	.	1	1	30.0	2								
0061	2	02	25	4	02/07/77	.	1	1	20.0	2								
0046	1	04	25	4	02/04/77	.	1	1	30.0	2								
0046	2	04	25	4	02/04/77	.	1	1	30.0	2								
0031	1	05	25	4	02/03/77	.	1	2	30.0	2								
0031	2	05	25	4	02/03/77	.	1	2	30.0	2								
0015	1	06	24	4	02/02/77	.	1	1	30.0	2								
0015	2	06	24	4	02/02/77	.	1	1	30.0	2								
0036	1	07	24	4	02/01/77	.	1	2	30.0	2	5.0	34		4	36		1026	
0006	2	07	24	4	02/01/77	.	1	2	30.0	2	5.	34		4	36		1026	

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BLM OCS/SABP

WINTER CRUISE 1977

IN-SITU FIELD DATA SUMMARY

ZOOPLANKTON (SEASONAL)

PROJECT TASK GEAR SITE  
CODE CODE CODE  
06 01 32 1

SAMPLE ID CODE	X	Y	Z	DATE	TIME (2400)	LATITUDE			LONGITUDE			WATER		SAMPLE WATER DPTH C	WATER SALN TEMP	D.O.	BOTTOM TYPE	GEAR END	FLOWMETER START CAL					
						DG	MN	SEC	N/S	DEG	MN	SEC	E/W							DPTH	C			
0075	1	01	24	4	02/08/77	0055	33	20	00.00	1	077	46	00.00	2	28.0	1	10.8	35.9	8.8	258141	187350	37		
0075	2	01	24	4	02/08/77	0055	33	20	00.00	1	077	46	00.00	2	28.0	1	10.8	35.9	8.8	258141	187350	37		
0062	1	02	25	4	02/07/77	0912	32	40	00.00	1	078	47	00.00	2	34.0	1	12.9	35.9	7.9	079174	024867	37		
0062	2	02	25	4	02/07/77	0912	32	40	00.00	1	078	47	00.00	2	34.0	1	12.9	35.9	7.9	079174	024867	37		
0047	1	04	25	4	02/04/77	1118	31	34	00.00	1	080	03	00.00	2	40.0	1	14.7	36.5	7.9	554747	460603	37		
0047	2	04	25	4	02/04/77	1118	31	34	00.00	1	080	03	00.00	2	40.0	1	40.0	1	14.56	36.5	7.9	554747	460603	37
0032	1	05	25	4	02/03/77	2030	31	03	00.00	1	080	26	00.00	2	035.0	1	16.2	36.5	7.7	393550	309393	37		
0032	2	05	25	4	02/03/77	2030	31	03	00.00	1	080	26	00.00	2	035.0	1	16.2	36.5	7.7	393550	309393	37		
0016	1	06	24	4	02/02/77	1122	30	23	00.00	1	080	36	00.00	2	27.0	1	16.0	36.4	9.4	250152	182938	37		
0016	2	06	24	4	02/02/77	1122	30	23	00.00	1	080	36	00.00	2	27.0	1	16.0	36.4	9.4	250152	182938	37		
0007	1	07	24	4	02/02/77	0115	29	34	00.00	1	80	22	00.00	2	46.0	1	19.1	36.5	7.3	160300	091374	37		
0007	2	07	24	4	02/02/77	0115	29	34	00.00	1	80	22	00.00	2	46.0	1	19.1	36.5	7.3	160300	091374	37		

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BLM OCS/SABP

WINTER CRUISE 1977

IN-SITU FIELD DATA SUMMARY

ZOOPLANKTON (SEASONAL)

PROJECT TASK GEAR SITE  
CODE CODE CODE  
06 01 32 1

SAMPLE CODE	ID REP	X	Y	Z	DATE	SAMPLE UNITS	V/A C	D/N	DURATION		WIND			WAVE			HUMID	BAR
									UNITS	C	SPD	C	DIR	PD	C	HT		
0075	1	01	24	4	02/08/77	.	1	2	30.0	2								
0075	2	01	24	4	02/08/77	.	1	2	30.0	2								
0062	1	02	25	4	02/07/77	.	1	1	30.0	2								
0062	2	02	25	4	02/07/77	.	1	1	30.0	2								
0047	1	04	25	4	02/04/77	.	1	1	30.0	2								
0047	2	04	25	4	02/04/77	.	1	1	30.0	2								
0032	1	05	25	4	02/03/77	.	1	2	30.0	2								
0032	2	05	25	4	02/03/77	.	1	2	30.0	2								
0016	1	06	24	4	02/02/77	.	1	1	45.0	2								
0016	2	06	24	4	02/02/77	.	1	1	45.0	2								
0007	1	07	24	4	02/02/77	.	1	2	30.0	2	5.0	34		4	36		1026	
0007	2	07	24	4	02/02/77	.	1	2	30.0	2	5.	34		4	36		1026	

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SECTION IV

TRACE METAL DATA, AAS

BLM OCS/SABP

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL)

202 MICRON MESH BONGO NET

PC SITE X Y GC TC  
6 1 1 24 31 12

TRACE METAL ANALYSIS (AAS) - UG/G

SPECIES/ TISSUE	POOL	CADMIUM	CHROMIUM	COPPER	IRON	NICKEL	LEAD	ZINC
UNIDENTIFIED:	00000000							
	0	0.280000E-01-	0.128000E+01	0.388000E+01	0.101000E+03	0.270000E+00-	0.110000E+00	0.591000E+02
WT. AVE.		0.280000E-01	0.128000E+01	0.388000E+01	0.101000E+03	0.270000E+00	0.110000E+00	0.591000E+02

\* THE INDICATED VALUE CONTAINS A MISSING SAMPLE  
- THE INDICATED VALUE CONTAINS A VALUE AT THE LIMIT OF DETECTION

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TM105455 08/23/77

BLM OCS/SABP

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL)

202 MICRON MESH BONGO NET

PC SITE X Y GC TC  
6 1 2 25 31 12

TRACE METAL ANALYSIS (AAS) - UG/G

SPECIES/ TISSUE	POOL	CADMIUM	CHROMIUM	COPPER	IRON	NICKEL	LEAD	ZINC
UNIDENTIFIED:	00000000							
	0	0.350000E-01-	0.132000E+01	0.386000E+01	0.381000E+02	0.350000E+00-	0.740000E+00	0.181000E+02
WT. AVE.		0.350000E-01	0.132000E+01	0.386000E+01	0.381000E+02	0.350000E+00	0.740000E+00	0.181000E+02

\* THE INDICATED VALUE CONTAINS A MISSING SAMPLE  
- THE INDICATED VALUE CONTAINS A VALUE AT THE LIMIT OF DETECTION

DATE RUN 12/02/77  
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BLM OCS/SABP

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL)

202 MICRON MESH BONGO NET

PC SITE X Y GC TC  
6 1 4 25 31 12

TRACE METAL ANALYSIS (AAS) - UG/G

SPECIES/ TISSUE	POOL	CADMIUM	CHROMIUM	COPPER	IRON	NICKEL	LEAD	ZINC
UNIDENTIFIED:	00000000							
	0	0.440000E-01-	0.126000E+01	0.594000E+01	0.145000E+03	0.440000E+00-	0.210000E+00	0.323000E+02
WT. AVE.		0.440000E-01	0.126000E+01	0.594000E+01	0.145000E+03	0.440000E+00	0.210000E+00	0.323000E+02

\* THE INDICATED VALUE CONTAINS A MISSING SAMPLE  
- THE INDICATED VALUE CONTAINS A VALUE AT THE LIMIT OF DETECTION

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BLM OCS/SABP

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL)

202 MICRON MESH BONGO NET

PC SITE X Y GC TC  
6 1 5 25 31 12

TRACE METAL ANALYSIS (AAS) - UG/G

SPECIES/ TISSUE	POOL	CADMIUM	CHROMIUM	COPPER	IRON	NICKEL	LEAD	ZINC
UNIDENTIFIED:	00000000							
	0	0.250000E-01-	0.810000E+00	0.416000E+01	0.297000E+03	0.250000E+00-	0.430000E+00	0.256000E+02
	WT. AVE.	0.250000E-01	0.810000E+00	0.416000E+01	0.297000E+03	0.250000E+00	0.430000E+00	0.256000E+02

\* THE INDICATED VALUE CONTAINS A MISSING SAMPLE  
- THE INDICATED VALUE CONTAINS A VALUE AT THE LIMIT OF DETECTION

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BLM OCS/SABP

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL)

202 MICRON MESH BONGO NET

PC SITE X Y GC TC  
6 1 6 24 31 12

TRACE METAL ANALYSIS (AAS) - UG/G

SPECIES/ TISSUE	POOL	CADMIUM	CHROMIUM	COPPER	IRON	NICKEL	LEAD	ZINC
UNIDENTIFIED:	00000000							
	0	0.460000E-01-	0.202000E+01	0.728000E+01	0.638000E+02	0.960000E+00-	0.147000E+01	0.135000E+02
	WT. AVE.	0.460000E-01	0.202000E+01	0.728000E+01	0.638000E+02	0.960000E+00	0.147000E+01	0.135000E+02

\* THE INDICATED VALUE CONTAINS A MISSING SAMPLE  
- THE INDICATED VALUE CONTAINS A VALUE AT THE LIMIT OF DETECTION

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BLM OCS/SABP

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL)

202 MICRON MESH BONGO NET

PC SITE X Y GC TC  
6 1 7 24 31 12

TRACE METAL ANALYSIS (AAS) - UG/G

SPECIES/ TISSUE	POOL	CADMIUM	CHROMIUM	COPPER	IRON	NICKEL	LEAD	ZINC
UNIDENTIFIED:	00000000							
	0	0.460000E-01-	0.263000E+01	0.729000E+01	0.283000E+02	0.460000E+00-	0.120000E+01	0.396000E+02
WT. AVE.		0.460000E-01	0.263000E+01	0.729000E+01	0.283000E+02	0.460000E+00	0.120000E+01	0.396000E+02

\* THE INDICATED VALUE CONTAINS A MISSING SAMPLE  
- THE INDICATED VALUE CONTAINS A VALUE AT THE LIMIT OF DETECTION

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BLM OCS/SABP

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL)

505 MICRON MESH BONGO NET

PC SITE X Y GC TC  
6 1 1 24 32 12

TRACE METAL ANALYSIS (AAS) - UG/G

SPECIES/ TISSUE	POOL	ZINC	CADMIUM	CHROMIUM	COPPER	IRON	NICKEL	LEAD
UNIDENTIFIED:	00000000							
	0	0.265000E+02	0.340000E-01-	0.157000E+01	0.384000E+01	0.367000E+02	0.340000E+00-	0.710000E+00
	WT. AVE.	0.265000E+02	0.340000E-01	0.157000E+01	0.384000E+01	0.367000E+02	0.340000E+00	0.710000E+00

\* THE INDICATED VALUE CONTAINS A MISSING SAMPLE  
- THE INDICATED VALUE CONTAINS A VALUE AT THE LIMIT OF DETECTION

DATE RUN 12/02/77  
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BLM OCS/SABP

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL)

505 MICRON MESH BONGO NET

PC SITE X Y GC TC  
6 1 2 25 32 12

TRACE METAL ANALYSIS (AAS) - UG/G

SPECIES/ TISSUE	POOL	ZINC	CADMIUM	CHROMIUM	COPPER	IRON	NICKEL	LEAD
UNIDENTIFIED:	00000000							
	0	0.181000E+02	0.250000E-01-	0.810000E+00	0.379000E+01	0.153000E+02	0.250000E+00-	0.390000E+00
WT. AVE.		0.181000E+02	0.250000E-01	0.810000E+00	0.379000E+01	0.153000E+02	0.250000E+00	0.390000E+00

\* THE INDICATED VALUE CONTAINS A MISSING SAMPLE  
- THE INDICATED VALUE CONTAINS A VALUE AT THE LIMIT OF DETECTION

DATE RUN 12/02/77  
PAGE NO 2  
TM105455 08/23/77

BLM OCS/SABP

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL)

505 MICRON MESH BONGO NET

PC SITE X Y GC TC  
6 1 4 25 32 12

TRACE METAL ANALYSIS (AAS) - UG/G

SPECIES/ TISSUE	POOL	ZINC	CADMIUM	CHROMIUM	COPPER	IRON	NICKEL	LEAD
UNIDENTIFIED:	00000000							
	0	0.387000E+02	0.490000E-01	0.158000E+01	0.708000E+01	0.163000E+03	0.490000E+00	0.690000E+00
WT. AVE.		0.387000E+02	0.490000E-01	0.158000E+01	0.708000E+01	0.163000E+03	0.490000E+00	0.690000E+00

\* THE INDICATED VALUE CONTAINS A MISSING SAMPLE  
- THE INDICATED VALUE CONTAINS A VALUE AT THE LIMIT OF DETECTION

DATE RUN 12/02/77  
PAGE NO 3  
TM105455 08/23/77

BLM UCS/SABP

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL)

505 MICRON MESH BONGO NET

PC SITE X Y GC TC  
6 1 5 25 32 12

TRACE METAL ANALYSIS (AAS) - UG/G

SPECIES/ TISSUE	POOL	ZINC	CADMIUM	CHROMIUM	COPPER	IRON	NICKEL	LEAD
UNIDENTIFIED:	00000000							
	0	0.145000E+02	0.190000E-01-	0.530000E+00	0.264000E+01	0.345000E+02	0.190000E+00-	0.270000E+00
	WT. AVE.	0.145000E+02	0.190000E-01	0.530000E+00	0.264000E+01	0.345000E+02	0.190000E+00	0.270000E+00

\* THE INDICATED VALUE CONTAINS A MISSING SAMPLE  
- THE INDICATED VALUE CONTAINS A VALUE AT THE LIMIT OF DETECTION

DATE RUN 12/02/77  
PAGE NO 4  
TM105455 08/23/77

BLM OCS/SABP

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL)

505 MICRON MESH BONGO NET

PC SITE X Y GC TC  
6 1 6 24 32 12

TRACE METAL ANALYSIS (AAS) - UG/G

SPECIES/ TISSUE	POOL	ZINC	CADMIUM	CHROMIUM	COPPER	IRON	NICKEL	LEAD
UNIDENTIFIED:	00000000							
	0	0.638000E+02	0.190000E-01-	0.740000E+00	0.780000E+01	0.105000E+02	0.190000E+00-	0.310000E+00
WT. AVE.		0.638000E+02	0.190000E-01	0.740000E+00	0.780000E+01	0.105000E+02	0.190000E+00	0.310000E+00

\* THE INDICATED VALUE CONTAINS A MISSING SAMPLE  
- THE INDICATED VALUE CONTAINS A VALUE AT THE LIMIT OF DETECTION

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BLM OCS/SABP

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL)

505 MICRON MESH BONGO NET

PC SITE X Y GC TC  
6 1 7 24 32 12

TRACE METAL ANALYSIS (AAS) - UG/G

SPECIES/ TISSUE	POOL	ZINC	CADMIUM	CHROMIUM	COPPER	IRON	NICKEL	LEAD
UNIDENTIFIED:	00000000							
	0	0.441000E+02	0.500000E-01	0.186000E+01	0.428000E+01	0.383000E+02	0.500000E+00	0.149000E+01
WT. AVE.		0.441000E+02	0.500000E-01	0.186000E+01	0.428000E+01	0.383000E+02	0.500000E+00	0.149000E+01

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- THE INDICATED VALUE CONTAINS A VALUE AT THE LIMIT OF DETECTION

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SECTION IV

TRACE METAL DATA, INAA

BLM OCS/SABP

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL)

202 MICRON MESH BONGO NET

PC SITE X Y GC TC  
6 1 1 24 31 13

TRACE METAL ANALYSIS (INAA) - UG/G

SPECIES/ TISSUE	POOL	BARIUM	CADMIUM	CHROMIUM	IRON	ZINC	312301	VANADIUM
UNIDENTIFIED:	00000000							
	0	0.356000E+03-	0.218000E+03-	0.731000E+01	0.600000E+03	0.874000E+03	0.0	0.205000E+03
WT. AVE.		0.356000E+03	0.218000E+03	0.731000E+01	0.600000E+03	0.874000E+03	0.0	0.205000E+03

\* THE INDICATED VALUE CONTAINS A MISSING SAMPLE  
- THE INDICATED VALUE CONTAINS A VALUE AT THE LIMIT OF DETECTION

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BLM OCS/SABP

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL)

202 MICRON MESH BONGO NET

PC SITE X Y GC TC  
6 1 2 25 31 13

TRACE METAL ANALYSIS (INAA) - UG/G

SPECIES/ TISSUE	POOL	BARIUM	CADMIUM	CHROMIUM	IRON	ZINC	312301	VANADIUM
UNIDENTIFIED:	00000000							
	0	0.100000E+02-	0.963000E+02-	0.499000E+01	0.138000E+03	0.636000E+01	0.0	0.256000E+03
WT. AVE.		0.100000E+02	0.963000E+02	0.499000E+01	0.138000E+03	0.636000E+01	0.0	0.256000E+03

\* THE INDICATED VALUE CONTAINS A MISSING SAMPLE  
- THE INDICATED VALUE CONTAINS A VALUE AT THE LIMIT OF DETECTION

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BLM OCS/SABP

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL)

202 MICRON MESH BONGO NET

PC SITE X Y GC TC  
6 1 4 25 31 13

TRACE METAL ANALYSIS (INAA) - UG/G

SPECIES/ TISSUE	POOL	BARIUM	CADMIUM	CHROMIUM	IRON	ZINC	312301	VANADIUM
UNIDENTIFIED:	00000000							
	0	0.194000E+03-	0.129000E+03-	0.829000E+01	0.395000E+03	0.290000E+02	0.0	0.876000E+02-
WT. AVE.		0.194000E+03	0.129000E+03	0.829000E+01	0.395000E+03	0.290000E+02	0.0	0.876000E+02

\* THE INDICATED VALUE CONTAINS A MISSING SAMPLE  
- THE INDICATED VALUE CONTAINS A VALUE AT THE LIMIT OF DETECTION

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WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL)

202 MICRON MESH BONGO NET

PC SITE X Y GC TC  
6 1 5 25 31 13

TRACE METAL ANALYSIS (INAA) - UG/G

SPECIES/ TISSUE	POOL	BARIUM	CADMIUM	CHROMIUM	IRON	ZINC	312301	VANADIUM
UNIDENTIFIED:	00000000							
	0	0.483000E+03-	0.266000E+03-	0.228000E+02	0.991000E+04	0.149000E+03	0.0	0.570000E+02-
WT. AVE.		0.483000E+03	0.266000E+03	0.228000E+02	0.991000E+04	0.149000E+03	0.0	0.570000E+02

\* THE INDICATED VALUE CONTAINS A MISSING SAMPLE  
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BLM OCS/SABP

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL)

202 MICRON MESH BONGO NET

PC SITE X Y GC TC  
6 1 6 24 31 13

TRACE METAL ANALYSIS (INAA) - UG/G

SPECIES/ TISSUE	POOL	BARIUM	CADMIUM	CHROMIUM	IRON	ZINC	312301	VANADIUM
UNIDENTIFIED:	00000000							
	0	0.179000E+03-	0.105000E+03-	0.586000E+01	0.263000E+03	0.865000E+02	0.0	0.661000E+02-
WT. AVE.		0.179000E+03	0.105000E+03	0.586000E+01	0.263000E+03	0.865000E+02	0.0	0.661000E+02

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BLM OCS/SABP

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL)

202 MICRON MESH BONGO NET

PC SITE X Y GC TC  
6 1 7 24 31 13

TRACE METAL ANALYSIS (INAA) - UG/G

SPECIES/ TISSUE	POOL	BARIUM	CADMIUM	CHROMIUM	IRON	ZINC	312301	VANADIUM
UNIDENTIFIED:	00000000							
	0	0.321000E+03-	0.108000E+03-	0.246000E+02	0.338000E+04	0.168000E+02	0.0	0.112000E+03-
WT. AVE.		0.321000E+03	0.108000E+03	0.246000E+02	0.338000E+04	0.168000E+02	0.0	0.112000E+03

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BLM OCS/SABP

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL)

505 MICRON MESH BONGO NET

PC SITE X Y GC TC  
6 1 1 24 32 13

TRACE METAL ANALYSIS (INAA) - UG/G

SPECIES/ TISSUE	POOL	BARIUM	CADMIUM	CHROMIUM	IRON	ZINC	312301	VANADIUM
UNIDENTIFIED:	0C000000							
	0	0.270000E+03-	0.185000E+03-	0.116000E+02	0.269000E+03	0.107000E+03	0.0	0.0
WT. AVE.		0.270000E+03	0.185000E+03	0.116000E+02	0.269000E+03	0.107000E+03	0.0	0.0

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BLM OCS/SABP

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL)

505 MICRON MESH BONGO NET

PC SITE X Y GC TC  
6 1 2 25 32 13

TRACE METAL ANALYSIS (INAA) - UG/G

SPECIES/ TISSUE	POOL	BARIUM	CADMIUM	CHROMIUM	IRON	ZINC	312301	VANADIUM
UNIDENTIFIED:	000000C0							
	0	0.175000E+03-	0.125000E+03-	0.475000E+01	0.191000E+03	0.676000E+01	0.0	0.368000E+03-
	WT. AVE.	0.175000E+03	0.125000E+03	0.475000E+01	0.191000E+03	0.676000E+01	0.0	0.368000E+03

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BLM DCS/SA5P

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL)

505 MICRON MESH BONGO NET

PC SITE X Y GC TC  
6 1 4 25 32 13

TRACE METAL ANALYSIS (INAA) - UG/G

SPECIES/ TISSUE	POOL	BARIUM	CADMIUM	CHROMIUM	IRON	ZINC	312301	VANADIUM
UNIDENTIFIED:	00000000							
	0	0.121000E+03-	0.813000E+02-	0.458000E+01	0.208000E+03	0.473000E+01	0.0	0.715000E+02-
WT. AVE.		0.121000E+03	0.813000E+02	0.458000E+01	0.208000E+03	0.473000E+01	0.0	0.715000E+02

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BLM OCS/SABP

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL)

505 MICRON MESH BONGO NET

PC SITE X Y GC TC  
6 1 5 25 32 13

TRACE METAL ANALYSIS (INAA) - UG/G

SPECIES/ TISSUE	POOL	BARIUM	CADMIUM	CHROMIUM	IRON	ZINC	312301	VANADIUM
UNIDENTIFIED:	00000000							
	0	0.303000E+03-	0.212000E+03-	0.117000E+02	0.670000E+03	0.527000E+02	0.0	0.762000E+02-
	WT. AVE.	0.303000E+03	0.212000E+03	0.117000E+02	0.670000E+03	0.527000E+02	0.0	0.762000E+02

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BLM OCS/SABP

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL)

505 MICRON MESH BONGO NET

PC SITE X Y GC TC  
6 1 5 24 32 13

TRACE METAL ANALYSIS (INAA) - UG/G

SPECIES/ TISSUE	POOL	BARIUM	CADMIUM	CHROMIUM	IRON	ZINC	312301	VANADIUM
UNIDENTIFIED:	00000000							
	0	0.142000E+03-	0.756000E+02-	0.494000E+01	0.254000E+03	0.992000E+02	0.0	0.528000E+02-
WT. AVE.		0.142000E+03	0.766000E+02	0.494000E+01	0.254000E+03	0.992000E+02	0.0	0.528000E+02

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WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL)

505 MICRON MESH BONGO NET

PC SITE X Y GC TC  
6 1 7 24 32 13

TRACE METAL ANALYSIS (INAA) - UG/G

SPECIES/ TISSUE	POOL	BARIUM	CADMIUM	CHROMIUM	IRON	ZINC	312301	VANADIUM
UNIDENTIFIED:	00000000							
	0	0.311000E+03-	0.188000E+03-	0.150000E+02	0.552000E+03	0.117000E+03	0.0	0.104000E+03-
WT. AVE.		0.311000E+03	0.188000E+03	0.150000E+02	0.552000E+03	0.117000E+03	0.0	0.104000E+03

\* THE INDICATED VALUE CONTAINS A MISSING SAMPLE  
- THE INDICATED VALUE CONTAINS A VALUE AT THE LIMIT OF DETECTION

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SECTION IV.

HYDROCARBON DATA

BLM GCS/SABP

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL) - HYDROCARBON ANALYSIS

202 MICRON MESH BONGO NET

202 MICRON MESH BONGO NET

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION			SUB NUM	SAMPLE CODE	REP
				X	Y	Z			
6	15	31	1	1	24	4	10	74	2

DRY WEIGHT ANALYZED		9.520 G		HEPTANE FRACTION (F0)		HEPTANE FRACTION (F1)		BENZENE FRACTION (F2)	
WET WEIGHT		104.000 G							
TOTAL EXTRACTABLE	0.0	MG/G	TOTAL	0.0	MG/G	0.030	MG/G	0.111	MG/G
TOTAL NONSAPONIFIABLE	1.010	MG/G	GC RESOLVED	0.0		0.028		0.111	
TOT NONSAP / TOT EXTR	0.0		GC UNRESOLVED	0.0		0.0		0.0	
TOT FRACT / TOT NONSAP	0.0		FRACTION / NONSAP	0.0		0.030		0.090	
LOW WT / HIGH WT	0.0		GAS CHROM / TOTAL	0.0		0.0		1.250	
ODD LOW / EVEN LOW	0.0		RESOLVED / GAS CHROM	0.0		0.0		1.000	
ODD HIGH / EVEN HIGH	0.0		DETERMINED / RESOLVED	0.0		0.150		0.0	
PRISTANE / PHYTANE	0.0								
PRISTANE / C17	7.000								
PHYTANE / C18	0.500								
C17 / C18	0.0								

75

COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)
1400	1398	1	0.0001	1500	1502	1	0.0010	1600	1598	1	0.0001
1700	1691	1	0.0001	1701	1710	1	0.0007	1800	1798	1	0.0002
1801	1810	1	0.0001	1900	1899	1	0.0003	2000	1997	1	0.0001
2100	2100	1	0.0001	2200	2200	1	0.0001	2300	2297	1	0.0001
2400	2402	1	0.0001	2500	2504	1	0.0032	2600	2600	1	0.0001
2700	2700	1	0.0001	2600	2797	1	0.0001	2900	2900	1	0.0001
3000	3001	1	0.0001	3100	3098	1	0.0004				

NOTE: A NEGATIVE VALUE IS BELOW THE LIMIT OF DETECTION. ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

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BLM OCS/SABP

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL) - HYDROCARBON ANALYSIS

202 MICRON MESH BONGO NET

202 MICRON MESH BONGO NET

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION X Y Z	SUB NUM	SAMPLE CODE	REP
6	15	31	1	2 25 4	10	61	2

76

DRY WEIGHT ANALYZED	4.070 G	HEPTANE FRACTION (F0)		HEPTANE FRACTION (F1)		BENZENE FRACTION (F2)	
WET WEIGHT	61.000 G	-----		-----		-----	
TOTAL EXTRACTABLE	0.0 MG/G	TOTAL	0.0	MG/G	0.014	MG/G	0.101 MG/G
TOTAL NONSAPONIFIABLE	6.390 MG/G	GC RESOLVED	0.0		0.014		0.047
TOT NONSAP / TOT EXTR	0.0	GC UNRESOLVED	0.0		0.0		0.0
TOT FRACT / TOT NONSAP	0.0	FRACTION / NONSAP	0.0		0.002		0.016
LOW WT / HIGH WT	2.110	GAS CHROM / TOTAL	0.0		1.170		0.470
ODD LOW / EVEN LOW	0.900	RESOLVED / GAS CHROM	0.0		1.000		1.000
ODD HIGH / EVEN HIGH	0.800	DETERMINED / RESOLVED	0.0		0.630		0.0
PRISTANE / PHYTANE	59.000						
PRISTANE / C17	59.000						
PHYTANE / C18	0.250						
C17 / C18	0.250						

COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)
1400	1398	1	0.0004	1500	1499	1	0.0004	1600	1598	1	0.0001
1700	1699	1	0.0001	1701	1710	1	0.0059	1800	1797	1	0.0004
1801	1809	1	0.0001	1900	1898	1	0.0003	2000	1996	1	0.0001
2100	2098	1	0.0001	2200	2199	1	0.0001	2300	2296	1	0.0001
2400	2402	1	0.0001	2500	2504	1	0.0001	2600	2599	1	0.0002
2700	2699	1	0.0001	2800	2796	1	0.0001	2900	2897	1	0.0001

NOTE: A NEGATIVE VALUE IS BELOW THE LIMIT OF DETECTION.  
 ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

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BLM OCS/SASP

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL) - HYDROCARBON ANALYSIS

202 MICRON MESH BONGO NET

202 MICRON MESH BONGO NET

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION X Y Z	SUB NUM	SAMPLE CODE	REP
6	15	31	1	4 25 4	10	46	2

DRY WEIGHT ANALYZED	3.790 G	HEPTANE FRACTION (F0)	HEPTANE FRACTION (F1)	BENZENE FRACTION (F2)
WET WEIGHT	75.400 G			
TOTAL EXTRACTABLE	0.0 MG/G	TOTAL	0.0 MG/G	0.069 MG/G
TOTAL NONSAPONIFIABLE	1.320 MG/G	GC RESOLVED	0.0	0.009
TOT NONSAP / TOT EXTR	0.0	GC UNRESOLVED	0.0	0.0
TOT FRACT / TOT NONSAP	0.060	FRACTION / NONSAP	0.0	0.050
LOW WT / HIGH WT	2.200	GAS CHROM / TOTAL	0.0	0.130
ODD LOW / EVEN LOW	1.440	RESOLVED / GAS CHROM	0.0	1.000
ODD HIGH / EVEN HIGH	2.330	DETERMINED / RESOLVED	0.0	0.800
PRISTANE / PHYTANE	39.000			
PRISTANE / C17	13.000			
PHYTANE / C18	0.170			
C17 / C18	0.500			

77

COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)
1400	1398	1	0.0001	1500	1501	1	0.0008	1600	1598	1	0.0001
1700	1698	1	0.0003	1701	1709	1	0.0039	1800	1797	1	0.0006
1801	1809	1	0.0001	1900	1898	1	0.0001	2000	1996	1	0.0001
2100	2098	1	0.0001	2200	2199	1	0.0001	2300	2296	1	0.0001
2400	2402	1	0.0001	2500	2504	1	0.0002	2600	2599	1	0.0001
2700	2699	1	0.0001	3100	3095	1	0.0003				

NOTE: A NEGATIVE VALUE IS BELOW THE LIMIT OF DETECTION. ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

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BLM OCS/SABP

WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL) - HYDROCARBON ANALYSIS

202 MICRON MESH BONGO NET

202 MICRON MESH BONGO NET

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION X Y Z	SUB NUM	SAMPLE CODE	REP
6	15	31	1	5 25 4	10	31	2

78

DRY WEIGHT ANALYZED	5.130 G	HEPTANE FRACTION (F0)		HEPTANE FRACTION (F1)		BENZENE FRACTION (F2)	
WET WEIGHT	74.900 G						
TOTAL EXTRACTABLE	0.0 MG/G	TOTAL	0.0	MG/G	0.070	MG/G	0.120 MG/G
TOTAL NONSAPONIFIABLE	***** MG/G	GC RESOLVED	0.0		0.028		0.120
TOT NONSAP / TOT EXTR	0.0	GC UNRESOLVED	0.0		0.0		0.0
TOT FRACT / TOT NONSAP	*****	FRACTION / NONSAP	0.0		*****		*****
LOW WT / HIGH WT	2.470	GAS CHROM / TOTAL	0.0		0.400		1.670
ODD LOW / EVEN LOW	1.470	RESOLVED / GAS CHROM	0.0		1.000		1.000
ODD HIGH / EVEN HIGH	2.750	DETERMINED / RESOLVED	0.0		0.640		0.0
PRISTANE / PHYTANE	63.000						
PRISTANE / C17	42.000						
PHYTANE / C18	0.500						
C17 / C18	0.750						

COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)
1400	1398	1	0.0003	1500	1501	1	0.0013	1600	1598	1	0.0005
1700	1699	1	0.0003	1701	1710	1	0.0126	1800	1797	1	0.0004
1801	1809	1	0.0002	1900	1898	1	0.0004	2000	1996	1	0.0003
2100	2098	1	0.0002	2200	2199	1	0.0001	2300	2296	1	0.0001
2400	2402	1	0.0001	2500	2504	1	0.0006	2600	2599	1	0.0001
2700	2699	1	0.0001	2800	2796	1	0.0001	2900	2897	1	0.0001
3100	3095	1	0.0002								

NOTE: A NEGATIVE VALUE IS BELOW THE LIMIT OF DETECTION. ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

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WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL) - HYDROCARBON ANALYSIS

202 MICRON MESH SONGO NET

202 MICRON MESH SONGO NET

PROJECT	TASK	GEAR	SITE	LOCATION	SUB	SAMPLE	REP
CODE	CODE	CODE		X Y Z	NUM	CODE	
6	15	31	1	6 24 4	10	15	2

DRY WEIGHT ANALYZED	3.800 G			HEPTANE FRACTION (F0)	HEPTANE FRACTION (F1)	BENZENE FRACTION (F2)			
WET WEIGHT	65.600 G								
TOTAL EXTRACTABLE	0.0	MG/G	TOTAL	0.0	MG/G	0.029	MG/G	0.066	MG/G
TOTAL NONSAPONIFIABLE	4.220	MG/G	GC RESOLVED	0.0		0.028		0.029	
TOT NONSAP / TOT EXTR	0.0		GC UNRESOLVED	0.0		0.0		0.0	
TOT FRACT / TOT NONSAP	0.023		FRACTION / NONSAP	0.0		0.007		0.016	
LOW WT / HIGH WT	0.980		GAS CHROM / TOTAL	0.0		0.970		0.440	
79 ODD LOW / EVEN LOW	1.780		RESOLVED / GAS CHROM	0.0		1.000		1.000	
ODD HIGH / EVEN HIGH	0.460		DETERMINED / RESOLVED	0.0		0.900		0.0	
PRISTANE / PHYTANE	49.670								
PRISTANE / C17	1.240								
PHYTANE / C18	0.330								
C17 / C18	1.330								

COMPOUND	RETENTION	FRACTION	AMOUNT	COMPOUND	RETENTION	FRACTION	AMOUNT	COMPOUND	RETENTION	FRACTION	AMOUNT
ID NUM	INDEX		( MG/G )	ID NUM	INDEX		( MG/G )	ID NUM	INDEX		( MG/G )
1400	1397	1	0.0002	1500	1499	1	0.0011	1600	1598	1	0.0003
1700	1699	1	0.0012	1701	1711	1	0.0149	1800	1797	1	0.0009
1301	1809	1	0.0003	1900	1898	1	0.0007	2000	1996	1	0.0004
2100	2097	1	0.0002	2200	2198	1	0.0002	2300	2296	1	0.0001
2400	2401	1	0.0001	2500	2503	1	0.0001	2600	2599	1	0.0002
2700	2694	1	0.0002	2800	2796	1	0.0004	2900	2899	1	0.0007
3000	3001	1	0.0009	3100	3101	1	0.0012	3200	3196	1	0.0010

NOTE: A NEGATIVE VALUE IS BELOW THE LIMIT OF DETECTION.  
ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

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WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL) - HYDROCARBON ANALYSIS

202 MICRON MESH BONGO NET

202 MICRON MESH BONGO NET

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION X Y Z	SUB NUM	SAMPLE CODE	REP
6	15	31	1	7 24 4	10	6	2

DRY WEIGHT ANALYZED	2.710 G	HEPTANE FRACTION (F0)		HEPTANE FRACTION (F1)		BENZENE FRACTION (F2)	
WET WEIGHT	49.800 G	-----		-----		-----	
TOTAL EXTRACTABLE	0.0 MG/G	TOTAL	0.0	MG/G	0.175	MG/G	0.118 MG/G
TOTAL NONSAPONIFIABLE	1.720 MG/G	GC RESOLVED	0.0		0.175		0.040
TOT NONSAP / TOT EXTR	0.0	GC UNRESOLVED	0.0		0.0		0.0
TOT FRACT / TOT NONSAP	0.120	FRACTION / NONSAP	0.0		0.050		0.070
LOW WT / HIGH WT	26.560	GAS CHROM / TOTAL	0.0		1.900		0.340
ODD LOW / EVEN LOW	30.870	RESOLVED / GAS CHROM	0.0		1.000		1.000
ODD HIGH/ EVEN HIGH	1.000	DETERMINED / RESOLVED	0.0		0.600		0.0
PRISTANE / PHYTANE	551.000						
PRISTANE / C17	1.520						
PHYTANE / C18	0.140						
C17 / C18	51.860						

08

COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT ( MG/G )	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT ( MG/G )	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT ( MG/G )
1400	1398	1	0.0002	1500	1502	1	0.0094	1600	1598	1	0.0004
1700	1700	1	0.0363	1701	1710	1	0.0551	1800	1796	1	0.0007
1801	1809	1	0.0001	1900	1898	1	0.0005	2000	1996	1	0.0002
2100	2097	1	0.0001	2200	2198	1	0.0001	2300	2296	1	0.0001
2400	2401	1	0.0002	2500	2509	1	0.0005	2600	2599	1	0.0003
2700	2700	1	0.0002	2800	2796	1	0.0001	2900	2899	1	0.0001
3000	3001	1	0.0002								

NOTE: A NEGATIVE VALUE IS BELOW THE LIMIT OF DETECTION. ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

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ZOOPLANKTON (SEASONAL) - HYDROCARBON ANALYSIS

505 MICRON MESH BONGO NET

505 MICRON MESH BONGO NET

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION X Y Z	SUB NUM	SAMPLE CODE	REP
6	15	32	1	1 24 4	10	75	2

DRY WEIGHT ANALYZED	4.120 G	HEPTANE FRACTION (F0)		HEPTANE FRACTION (F1)		BENZENE FRACTION (F2)	
WET WEIGHT	76.200 G						
TOTAL EXTRACTABLE	0.0	MG/G	TOTAL	0.0	MG/G	0.014	MG/G
TOTAL NONSAPONIFIABLE	1.700	MG/G	GC RESOLVED	0.0		0.014	0.010
TOT NONSAP / TOT EXTR	0.0		GC UNRESOLVED	0.0		0.0	0.0
TOT FRACT / TOT NONSAP	0.070		FRACTION / NONSAP	0.0		0.007	0.060
LOW WT / HIGH WT	3.230		GAS CHROM / TOTAL	0.0		1.170	1.010
ODD LOW / EVEN LOW	2.500		RESOLVED / GAS CHROM	0.0		1.000	1.000
ODD HIGH / EVEN HIGH	0.860		DETERMINED / RESOLVED	0.0		0.730	0.0
PRISTANE / PHYTANE	46.000						
PRISTANE / C17	15.330						
PHYTANE / C18	0.170						
C17 / C18	0.500						

18

COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)
1400	1398	1	0.0002	1500	1502	1	0.0021	1600	1599	1	0.0002
1700	1699	1	0.0003	1701	1710	1	0.0046	1800	1798	1	0.0006
1801	1811	1	0.0001	1900	1899	1	0.0005	2000	1997	1	0.0002
2100	2099	1	0.0001	2200	2200	1	0.0002	2300	2297	1	0.0002
2400	2403	1	0.0001	2500	2507	1	0.0001	2600	2600	1	0.0001
2700	2700	1	0.0001	2800	2797	1	0.0003	2900	2899	1	0.0002

NOTE: A NEGATIVE VALUE IS BELOW THE LIMIT OF DETECTION. ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

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ZOOPLANKTON (SEASONAL) - HYDROCARBON ANALYSIS

505 MICRON MESH BONGO NET

505 MICRON MESH BONGO NET

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION X Y Z	SUB NUM	SAMPLE CODE	REP
6	15	32	1	2 25 4	10	62	2

DRY WEIGHT ANALYZED	3.440 G			HEPTANE FRACTION (F0)	HEPTANE FRACTION (F1)	BENZENE FRACTION (F2)			
TOTAL EXTRACTABLE	0.0	MG/G							
TOTAL NONSAPONIFIABLE	6.980	MG/G	TOTAL	0.0	MG/G	0.011	MG/G	0.151	MG/G
TOT NONSAP / TOT EXTR	0.0		GC RESOLVED	0.0		0.011		0.022	
TOT FRACT / TOT NONSAP	0.023		GC UNRESOLVED	0.0		0.0		0.0	
LOW WT / HIGH WT	1.470		FRACTION / NONSAP	0.0		0.001		0.022	
ODD LOW / EVEN LOW	1.750		GAS CHROM / TOTAL	0.0		1.220		0.150	
ODD HIGH / EVEN HIGH	0.880		RESOLVED / GAS CHROM	0.0		1.000		1.000	
PRISTANE / PHYTANE	37.000		DETERMINED / RESOLVED	0.0		0.680		0.0	
PRISTANE / C17	18.500								
PHYTANE / C18	0.330								
C17 / C18	0.670								

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COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)
1400	1398	1	0.0002	1500	1501	1	0.0009	1600	1598	1	0.0002
1700	1699	1	0.0002	1701	1710	1	0.0037	1800	1797	1	0.0003
1801	1809	1	0.0001	1900	1898	1	0.0002	2000	1996	1	0.0001
2100	2098	1	0.0001	2200	2199	1	0.0002	2300	2296	1	0.0001
2400	2402	1	0.0001	2500	2504	1	0.0002	2600	2599	1	0.0002
2700	2699	1	0.0001	2800	2796	1	0.0002	2900	2899	1	0.0003
3000	3000	1	0.0001								

NOTE: A NEGATIVE VALUE IS BELOW THE LIMIT OF DETECTION. ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

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ZOOPLANKTON (SEASONAL) - HYDROCARBON ANALYSIS

505 MICRON MESH BONGO NET

505 MICRON MESH BONGO NET

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION X Y Z	SUB NUM	SAMPLE CODE	REP
6	15	32	1	5 25 4	10	32	2

DRY WEIGHT ANALYZED	4.870 G	HEPTANE FRACTION (F0)		HEPTANE FRACTION (F1)		BENZENE FRACTION (F2)	
WET WEIGHT	85.800 G	-----		-----		-----	
TOTAL EXTRACTABLE	0.0 MG/G	TOTAL	0.0	MG/G	0.021	MG/G	0.035 MG/G
TOTAL NONSAPONIFIABLE	1.190 MG/G	GC RESOLVED	0.0		0.009		0.011
TOT NONSAP / TOT EXTR	0.0	GC UNRESOLVED	0.0		0.0		0.0
TOT FRACT / TOT NONSAP	0.050	FRACTION / NONSAP	0.0		0.020		0.030
LOW WT / HIGH WT	2.500	GAS CHROM / TOTAL	0.0		0.430		0.310
ODD LOW / EVEN LOW	2.330	RESOLVED / GAS CHROM	0.0		1.000		1.000
ODD HIGH/ EVEN HIGH	1.000	DETERMINED / RESOLVED	0.0		0.880		0.0
PRISTANE / PHYTANE	49.000						
PRISTANE / C17	16.330						
PHYTANE / C18	0.330						
C17 / C18	1.000						

83

COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT ( MG/G )	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT ( MG/G )	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT ( MG/G )
1400	1401	1	0.0001	1500	1503	1	0.0009	1600	1601	1	0.0001
1700	1702	1	0.0003	1701	1713	1	0.0049	1800	1800	1	0.0003
1801	1813	1	0.0001	1900	1902	1	0.0001	2000	2000	1	0.0001
2100	2101	1	0.0001	2200	2202	1	0.0001	2300	2300	1	0.0001
2400	2405	1	0.0001	2500	2509	1	0.0001	2600	2604	1	0.0001
2700	2704	1	0.0001	2800	2800	1	0.0001	2900	2901	1	0.0001

NOTE: A NEGATIVE VALUE IS BELOW THE LIMIT OF DETECTION. ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

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WINTER CRUISE 1977

ZOOPLANKTON (SEASONAL) - HYDROCARBON ANALYSIS

505 MICRON MESH BONGO NET

505 MICRON MESH BONGO NET

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION X Y Z	SUB NUM	SAMPLE CODE	REP
6	15	32	1	6 24 4	10	16	2

DRY WEIGHT ANALYZED		3.350 G		HEPTANE FRACTION (F0)		HEPTANE FRACTION (F1)		BENZENE FRACTION (F2)	
WET WEIGHT		63.200 G							
TOTAL EXTRACTABLE	0.0	MG/G	TOTAL	0.0	MG/G	0.036	MG/G	0.015	MG/G
TOTAL NONSAPONIFIABLE	8.960	MG/G	GC RESOLVED	0.0		0.014		0.015	
TOT NONSAP / TOT EXTR	0.0		GC UNRESOLVED	0.0		0.0		0.0	
TOT FRACT / TOT NONSAP	0.005		FRACTION / NONSAP	0.0		0.004		0.002	
LOW WT / HIGH WT	1.140		GAS CHROM / TOTAL	0.0		0.390		2.500	
78 ODD LOW / EVEN LOW	0.940		RESOLVED / GAS CHROM	0.0		1.000		1.000	
ODD HIGH / EVEN HIGH	0.930		DETERMINED / RESOLVED	0.0		0.660		0.0	
PRISTANE / PHYTANE	14.000								
PRISTANE / C17	7.000								
PHYTANE / C18	0.330								
C17 / C18	0.670								

COMPOUND RETENTION FRACTION				COMPOUND RETENTION FRACTION				COMPOUND RETENTION FRACTION			
ID NUM	INDEX	FRACTION	AMOUNT ( MG/G )	ID NUM	INDEX	FRACTION	AMOUNT ( MG/G )	ID NUM	INDEX	FRACTION	AMOUNT ( MG/G )
1400	1398	1	0.0003	1500	1501	1	0.0005	1600	1598	1	0.0005
1700	1699	1	0.0004	1701	1710	1	0.0028	1800	1797	1	0.0006
1801	1810	1	0.0002	1900	1899	1	0.0004	2000	1997	1	0.0003
2100	2099	1	0.0003	2200	2200	1	0.0002	2300	2297	1	0.0002
2400	2403	1	0.0002	2500	2507	1	0.0002	2600	2601	1	0.0002
2700	2702	1	0.0003	2800	2799	1	0.0003	2900	2900	1	0.0003
3000	3004	1	0.0003	3100	3104	1	0.0004	3200	3199	1	0.0003

NOTE: A NEGATIVE VALUE IS BELOW THE LIMIT OF DETECTION.  
 ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

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SECTION V  
CHEMISTRY TASK

FIELD DATA

## WINTER CRUISE 1977

## IN-SITU FIELD DATA SUMMARY

## BENTHIC (GEOCHEMISTRY)

PROJECT TASK GEAR SITE  
 CODE CODE CODE  
 06 01 41 1

SAMPLE ID CODE	X REP	Y	Z	DATE	TIME (2400)	LATITUDE			LONGITUDE			WATER		SAMPLE WATER		SALN	D.O.	BOTTOM TYPE	GEAR END	FLOWMETER START CAL		
						DG	NN	SEC	N/S	DEG	NN	SEC	E/W	DPH	C						DPH	C
0104	1	01	12	3	02/09/77	2231	33	46	59.54	1	78	20	19.36	2	15.0	1	15.0	1	5.00	34.8	11.6	20
0104	2	01	12	3	02/09/77	2244	33	46	59.00	1	78	20	19.00	2	15.0	1	15.0	1	5.00	34.8	11.6	20
0104	3	01	12	3	02/09/77	2252	33	46	59.49	1	78	20	18.84	2	15.0	1	15.0	1	5.00	34.8	11.6	20
0104	4	01	12	3	02/09/77	2259	33	46	59.61	1	78	20	19.20	2	15.0	1	15.0	1	5.00	34.8	11.6	20
0104	5	01	12	3	02/09/77	2307	33	46	58.98	1	78	20	19.38	2	15.0	1	15.0	1	5.00	34.8	11.6	20
0104	6	01	12	3	02/09/77	2315	33	46	58.94	1	78	20	19.49	2	15.0	1	15.0	1	5.00	34.8	11.6	20
0104	7	01	12	3	02/09/77	2231	33	46	59.54	1	78	20	19.36	2	15.0	1	15.0	1	5.00	34.8	11.6	20
0104	8	01	12	3	02/09/77	2231	33	46	59.54	1	78	20	19.36	2	15.0	1	15.0	1	5.00	34.8	11.6	20
0104	9	01	12	3	02/09/77	2231	33	46	59.54	1	78	20	19.36	2	15.0	1	15.0	1	5.00	34.8	11.6	20
0121	1	01	23	3	02/11/77	1836	33	35	00.45	1	78	03	58.23	2	19.0	1	19.0	1	17.79	34.9	9.9	56
0121	2	01	23	3	02/11/77	1857	33	35	00.34	1	78	03	58.34	2	19.0	1	19.0	1	17.79	34.9	9.9	56
0121	3	01	23	3	02/11/77	1912	33	35	00.35	1	78	03	58.50	2	19.0	1	19.0	1	17.79	34.9	9.9	56
0121	4	01	23	3	02/11/77	1913	33	35	00.44	1	78	03	58.79	2	19.0	1	19.0	1	17.79	34.9	9.9	56
0121	5	01	23	3	02/11/77	1922	33	35	00.47	1	78	03	59.26	2	19.0	1	19.0	1	17.79	34.9	9.9	56
0121	6	01	23	3	02/11/77	1926	33	35	00.57	1	78	03	59.70	2	19.0	1	19.0	1	17.79	34.9	9.9	56
0121	7	01	23	3	02/11/77	1836	33	35	00.45	1	78	03	58.23	2	19.0	1	19.0	1	17.79	34.9	9.9	56
0121	8	01	23	3	02/11/77	1836	33	35	00.45	1	78	03	58.23	2	19.0	1	19.0	1	17.79	34.9	9.9	56
0121	9	01	23	3	02/11/77	1836	33	35	00.45	1	78	03	58.23	2	19.0	1	19.0	1	17.79	34.9	9.9	56
0116	1	01	24	3	02/11/77	1021	33	20	10.35	1	77	44	58.80	2	28.0	1	28.0	1	14.57	36.2	8.0	20
0116	2	01	24	3	02/11/77	1027	33	20	10.37	1	77	44	58.33	2	28.0	1	28.0	1	14.57	36.2	8.0	20
0116	3	01	24	3	02/11/77	1033	33	20	10.27	1	77	44	58.13	2	28.0	1	28.0	1	14.57	36.2	8.0	20
0116	4	01	24	3	02/11/77	1038	33	20	10.37	1	77	44	58.38	2	28.0	1	28.0	1	14.57	36.2	8.0	20
0116	5	01	24	3	02/11/77	1043	33	20	10.29	1	77	44	58.53	2	28.0	1	28.0	1	14.57	36.2	8.0	20
0116	6	01	24	3	02/11/77	1048	33	20	10.28	1	77	44	58.17	2	28.0	1	28.0	1	14.57	36.2	8.0	20
0116	7	01	24	3	02/11/77	1021	33	20	10.35	1	77	44	58.80	2	28.0	1	28.0	1	14.57	36.2	8.0	20
0116	8	01	24	3	02/11/77	1021	33	20	10.35	1	77	44	58.80	2	28.0	1	28.0	1	14.57	36.2	8.0	20
0116	9	01	24	3	02/11/77	1021	33	20	10.35	1	77	44	58.80	2	28.0	1	28.0	1	14.57	36.2	8.0	20
0112	1	01	25	3	02/10/77	2356	33	12	03.62	1	77	35	09.31	2	44.0	1	44.0	1	15.00	36.3	7.6	20
0112	2	01	25	3	02/11/77	0003	33	12	03.73	1	77	35	09.46	2	44.0	1	44.0	1	15.00	36.3	7.6	20
0112	3	01	25	3	02/11/77	0014	33	12	03.70	1	77	35	09.18	2	44.0	1	44.0	1	15.00	36.3	7.6	20
0112	4	01	25	3	02/11/77	0021	33	12	03.60	1	77	35	09.42	2	44.0	1	44.0	1	15.00	36.3	7.6	20
0112	5	01	25	3	02/11/77	0027	33	12	03.46	1	77	35	09.12	2	44.0	1	44.0	1	15.00	36.3	7.6	20
0112	6	01	25	3	02/11/77	0033	33	12	03.56	1	77	35	09.16	2	44.0	1	44.0	1	15.00	36.3	7.6	20
0112	7	01	25	3	02/10/77	2356	33	12	03.62	1	77	35	09.31	2	44.0	1	44.0	1	15.00	36.3	7.6	20

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## BLM DCS/SABP

WINTER CRUISE 1977

## IN-SITU FIELD DATA SUMMARY

## BENTHIC (GEOCHEMISTRY)

SAMPLE CODE	ID REP	X	Y	Z	DATE	TIME (2400)	LATITUDE DG MN SEC	N/S	LONGITUDE DEG MN SEC	E/W	WATER DPTH C	SAMPLE DPTH C	WATER TEMP	SALN	D.O.	BOTTOM TYPE	GEAR END	FLOWMETER START CAL
0112	8	01	25	3	02/10/77	2356	33 12 03.62	1	77 35 09.31	2	44.0 1	44.0 1	15.00	36.3	7.6	20		
0112	9	01	25	3	02/10/77	2356	33 12 03.62	1	77 35 09.31	2	44.0 1	44.0 1	15.00	36.3	7.6	20		
0108	1	01	36	3	02/10/77	1558	33 00 58.97	1	77 20 13.61	2	317.5 1	317.5 1	7.95	35.1	5.2	56		
0108	2	01	36	3	02/10/77	1614	33 00 59.37	1	77 20 14.35	2	317.5 1	317.5 1	7.95	35.1	5.2	56		
0108	3	01	36	3	02/10/77	1631	33 00 59.14	1	77 20 14.43	2	317.5 1	317.5 1	7.95	35.1	5.2	56		
0108	4	01	36	3	02/10/77	1651	33 00 59.25	1	77 20 14.34	2	317.5 1	317.5 1	7.95	35.1	5.2	56		
0108	5	01	36	3	02/10/77	1707	33 00 59.31	1	77 20 14.43	2	317.5 1	317.5 1	7.95	35.1	5.2	56		
0108	6	01	36	3	02/10/77	1743	33 01 00.48	1	77 20 15.16	2	317.5 1	317.5 1	7.95	35.1	5.2	56		
0108	7	01	36	3	02/10/77	1801	33 01 01.44	1	77 20 15.96	2	317.5 1	317.5 1	7.95	35.1	5.2	56		
0108	8	01	36	3	02/10/77	1558	33 00 58.97	1	77 20 13.61	2	317.5 1	317.5 1	7.95	35.1	5.2	56		
0108	9	01	36	3	02/10/77	1558	33 00 58.97	1	77 20 13.61	2	317.5 1	317.5 1	7.95	35.1	5.2	56		
0129	1	02	12	3	02/12/77	2242	32 54 00.61	1	79 11 59.72	2	16.0 1	16.0 1	8.94	34.8	10.1	55		
0129	2	02	12	3	02/12/77	2246	32 54 00.63	1	79 12 00.00	2	16.0 1	16.0 1	8.94	34.8	10.1	55		
0129	3	02	12	3	02/12/77	2258	32 54 00.69	1	79 11 59.90	2	16.0 1	16.0 1	8.94	34.8	10.1	55		
0129	4	02	12	3	02/12/77	2303	32 54 00.75	1	79 11 59.91	2	16.0 1	16.0 1	8.94	34.8	10.1	55		
0129	5	02	12	3	02/12/77	2309	32 54 00.79	1	79 11 59.78	2	16.0 1	16.0 1	8.94	34.8	10.1	55		
0129	6	02	12	3	02/12/77	2313	32 54 00.79	1	79 11 59.59	2	16.0 1	16.0 1	8.94	34.8	10.1	55		
0129	7	02	12	3	02/12/77	2242	32 54 00.61	1	79 11 59.72	2	16.0 1	16.0 1	8.94	34.8	10.1	55		
0129	8	02	12	3	02/12/77	2242	32 54 00.61	1	79 11 59.72	2	16.0 1	16.0 1	8.94	34.8	10.1	55		
0129	9	02	12	3	02/12/77	2242	32 54 00.61	1	79 11 59.72	2	16.0 1	16.0 1	8.94	34.8	10.1	55		
0134	1	02	23	3	02/13/77	1041	32 50 01.88	1	79 03 57.69	2	22.5 1	22.5 1	9.57	35.3	10.3	20		
0134	2	02	23	3	02/13/77	1046	32 50 01.99	1	79 03 57.93	2	22.5 1	22.5 1	9.57	35.3	10.3	20		
0134	3	02	23	3	02/13/77	1050	32 50 02.32	1	79 03 58.74	2	22.5 1	22.5 1	9.57	35.3	10.3	20		
0134	4	02	23	3	02/13/77	1054	32 50 02.00	1	79 03 57.74	2	22.5 1	22.5 1	9.57	35.3	10.3	20		
0134	5	02	23	3	02/13/77	1058	32 50 02.35	1	79 03 58.90	2	22.5 1	22.5 1	9.57	35.3	10.3	20		
0134	6	02	23	3	02/13/77	1103	32 50 02.30	1	79 03 58.36	2	22.5 1	22.5 1	9.57	35.3	10.3	20		
0134	7	02	23	3	02/13/77	1041	32 50 01.88	1	79 03 57.69	2	22.5 1	22.5 1	9.57	35.3	10.3	20		
0134	8	02	23	3	02/13/77	1041	32 50 01.88	1	79 03 57.69	2	22.5 1	22.5 1	9.57	35.3	10.3	20		
0134	9	02	23	3	02/13/77	1041	32 50 01.88	1	79 03 57.69	2	22.5 1	22.5 1	9.57	35.3	10.3	20		
0138	1	02	24	3	02/13/77	2143	32 44 53.11	1	78 55 56.77	2	30.0 1	30.0 1	10.42	35.5	10.3	55		
0138	2	02	24	3	02/13/77	2147	32 44 53.43	1	78 55 56.81	2	30.0 1	30.0 1	10.42	35.5	10.3	55		
0138	3	02	24	3	02/13/77	2152	32 44 52.91	1	78 55 56.85	2	30.0 1	30.0 1	10.42	35.5	10.3	55		
0138	4	02	24	3	02/13/77	2157	32 44 53.54	1	78 55 56.77	2	30.0 1	30.0 1	10.42	35.5	10.3	55		
0138	5	02	24	3	02/13/77	2205	32 44 53.60	1	78 55 56.91	2	30.0 1	30.0 1	10.42	35.5	10.3	55		
0138	6	02	24	3	02/13/77	2211	32 44 53.48	1	78 55 56.94	2	30.0 1	30.0 1	10.42	35.5	10.3	55		
0138	7	02	24	3	02/13/77	2143	32 44 53.11	1	78 55 56.77	2	30.0 1	30.0 1	10.42	35.5	10.3	55		
0138	8	02	24	3	02/13/77	2143	32 44 53.11	1	78 55 56.77	2	30.0 1	30.0 1	10.42	35.5	10.3	55		
0138	9	02	24	3	02/13/77	2143	32 44 53.11	1	78 55 56.77	2	30.0 1	30.0 1	10.42	35.5	10.3	55		
0143	1	02	25	3	02/14/77	1112	32 39 59.16	1	78 47 01.68	2	36.0 1	36.0 1	12.66	35.9	7.8	20		

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## BLM OCS/SABP

WINTER CRUISE 1977

## IN-SITU FIELD DATA SUMMARY

## BENTHIC (GEOCHEMISTRY)

SAMPLE CODE	ID REP	X	Y	Z	DATE	TIME (2400)	LATITUDE			LONGITUDE			WATER		SAMPLE WATER		SALN	D.O.	BOTTOM-	GEAR	FLOWMETER			
							DG	MN	SEC	N/S	DEG	MN	SEC	E/W	DPTH	C	DPTH	C	TEMP		TYPE	END	START	CAL
0143	2	02	25	3	02/14/77	1118	32	40	00.11	1	78	47	02.42	2	36.0	1	36.0	1	12.66	35.9	7.8	20		
0143	3	02	25	3	02/14/77	1126	32	39	59.55	1	78	47	02.01	2	36.0	1	36.0	1	12.66	35.9	7.8	20		
0143	4	02	25	3	02/14/77	1140	32	39	59.18	1	78	47	01.71	2	36.0	1	36.0	1	12.66	35.9	7.8	20		
0143	5	02	25	3	02/14/77	1148	32	39	59.47	1	78	47	01.92	2	36.0	1	36.0	1	12.66	35.9	7.8	20		
0143	6	02	25	3	02/14/77	1155	32	39	59.43	1	78	47	01.89	2	36.0	1	36.0	1	12.66	35.9	7.8	20		
0143	7	02	25	3	02/14/77	1112	32	39	59.16	1	78	47	01.68	2	36.0	1	36.0	1	12.66	35.9	7.8	20		
0143	8	02	25	3	02/14/77	1112	32	39	59.16	1	78	47	01.68	2	36.0	1	36.0	1	12.66	35.9	7.8	20		
0143	9	02	25	3	02/14/77	1112	32	39	59.16	1	78	47	01.68	2	36.0	1	36.0	1	12.66	35.9	7.8	20		
0148	1	02	26	3	02/14/77	1845	32	36	00.70	1	78	38	56.93	2	44.0	1	44.0	1	13.86	36.0	7.5	55		
0148	2	02	26	3	02/14/77	1852	32	36	00.41	1	78	38	56.93	2	44.0	1	44.0	1	13.86	36.0	7.5	55		
0148	3	02	26	3	02/14/77	1859	32	36	00.25	1	78	38	56.70	2	44.0	1	44.0	1	13.86	36.0	7.5	55		
0148	4	02	26	3	02/14/77	1906	32	36	00.19	1	78	38	56.78	2	44.0	1	44.0	1	13.86	36.0	7.5	55		
0148	5	02	26	3	02/14/77	1912	32	36	00.63	1	78	38	56.71	2	44.0	1	44.0	1	13.86	36.0	7.5	55		
0148	6	02	26	3	02/14/77	1918	32	35	59.69	1	78	38	56.83	2	44.0	1	44.0	1	13.86	36.0	7.5	55		
0148	7	02	26	3	02/14/77	1845	32	36	00.70	1	78	38	56.93	2	44.0	1	44.0	1	13.86	36.0	7.5	55		
0148	8	02	26	3	02/14/77	1845	32	36	00.70	1	78	38	56.93	2	44.0	1	44.0	1	13.86	36.0	7.5	55		
0148	9	02	26	3	02/14/77	1845	32	36	00.70	1	78	38	56.93	2	44.0	1	44.0	1	13.86	36.0	7.5	55		
0153	1	02	37	3	02/15/77	0815	32	31	00.00	1	78	31	00.00	2	21.8	2	21.8	2	12.63	35.7	5.1	55		
0153	2	02	37	3	02/15/77	0850	32	31	00.00	1	78	31	00.00	2	21.8	2	21.8	2	12.63	35.7	5.1	55		
0153	3	02	37	3	02/15/77	0908	32	31	00.00	1	78	31	00.00	2	21.8	2	21.8	2	12.63	35.7	5.1	55		
0153	4	02	37	3	02/15/77	0925	32	31	00.00	1	78	31	00.00	2	21.8	2	21.8	2	12.63	35.7	5.1	55		
0153	5	02	37	3	02/15/77	1014	32	31	00.00	1	78	31	00.00	2	21.8	2	21.8	2	12.63	35.7	5.1	55		
0153	6	02	37	3	02/15/77	1031	32	31	00.00	1	78	31	00.00	2	21.8	2	21.8	2	12.63	35.7	5.1	55		
0153	7	02	37	3	02/15/77	0815	32	31	00.00	1	78	31	00.00	2	21.8	2	21.8	2	12.63	35.7	5.1	55		
0153	8	02	37	3	02/15/77	0815	32	31	00.00	1	78	31	00.00	2	21.8	2	21.8	2	12.63	35.7	5.1	55		
0153	9	02	37	3	02/15/77	0815	32	31	00.00	1	78	31	00.00	2	21.8	2	21.8	2	12.63	35.7	5.1	55		
0208	1	05	11	3	02/21/77	2019	31	13	00.82	1	81	13	02.43	2	11.0	1	11.0	1	9.47	30.4	10.1	55		
0208	2	05	11	3	02/21/77	2025	31	13	00.85	1	81	13	02.46	2	11.0	1	11.0	1	9.47	30.4	10.1	55		
0208	3	05	11	3	02/21/77	2030	31	13	00.85	1	81	13	02.46	2	11.0	1	11.0	1	9.47	30.4	10.1	55		
0208	4	05	11	3	02/21/77	2038	31	13	00.83	1	81	13	02.42	2	11.0	1	11.0	1	9.47	30.4	10.1	55		
0208	5	05	11	3	02/21/77	2045	31	13	00.88	1	81	13	02.50	2	11.0	1	11.0	1	9.47	30.4	10.1	55		
0208	6	05	11	3	02/21/77	2051	31	13	00.83	1	81	13	02.42	2	11.0	1	11.0	1	9.47	30.4	10.1	55		
0208	7	05	11	3	02/21/77	2019	31	13	00.82	1	81	13	02.43	2	11.0	1	11.0	1	9.47	30.4	10.1	55		
0208	8	05	11	3	02/21/77	2019	31	13	00.82	1	81	13	02.43	2	11.0	1	11.0	1	9.47	30.4	10.1	55		
0208	9	05	11	3	02/21/77	2019	31	13	00.82	1	81	13	02.43	2	11.0	1	11.0	1	9.47	30.4	10.1	55		
0213	1	05	12	3	02/21/77	1706	31	11	59.34	1	81	08	00.56	2	10.5	1	10.5	1	9.78	31.5	9.7	55		
0213	2	05	12	3	02/21/77	1711	31	11	59.24	1	81	08	00.29	2	10.5	1	10.5	1	9.78	31.5	9.7	55		
0213	3	05	12	3	02/21/77	1719	31	11	59.28	1	81	07	59.93	2	10.5	1	10.5	1	9.78	31.5	9.7	55		
0213	4	05	12	3	02/21/77	1724	31	11	59.27	1	81	08	00.07	2	10.5	1	10.5	1	9.78	31.5	9.7	55		

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## BLM OCS/SABP

WINTER CRUISE 1977

## IN-SITU FIELD DATA SUMMARY

## BENTHIC (GEOCHEMISTRY)

SAMPLE CODE	ID REP	X	Y	Z	DATE	TIME (2400)	LATITUDE DG MN SEC N/S	LONGITUDE DEG MN SEC E/W	WATER DPTH C	SAMPLE DPTH C	WATER TEMP	SALN	D.O.	BOTTOM TYPE	GEAR END	FLOWMETER START CAL
0213	5	05	12	3	02/21/77	1729	31 11 59.34 1	81 08 00.54 2	10.5 1	10.5 1	9.78 31.5	9.7	55			
0213	6	05	12	3	02/21/77	1738	31 11 59.28 1	81 08 00.49 2	10.5 1	10.5 1	9.78 31.5	9.7	55			
0213	7	05	12	3	02/21/77	1706	31 11 59.34 1	81 08 00.56 2	10.5 1	10.5 1	9.78 31.5	9.7	55			
0213	8	05	12	3	02/21/77	1706	31 11 59.34 1	81 08 00.56 2	10.5 1	10.5 1	9.78 31.5	9.7	55			
0213	9	05	12	3	02/21/77	1706	31 11 59.34 1	81 08 00.56 2	10.5 1	10.5 1	9.78 31.5	9.7	55			
0213	1	05	12	3	02/21/77	1706	31 11 59.34 1	81 08 00.56 2	10.5 1	10.5 1	9.78 31.5	9.7	55			
0213	2	05	12	3	02/21/77	1706	31 11 59.34 1	81 08 00.56 2	10.5 1	10.5 1	9.78 31.5	9.7	55			
0219	1	05	23	3	02/25/77	1526	31 07 59.49 1	80 49 57.20 2	19.0 1	19.0 1	11.49 34.2	9.1	55			
0219	2	05	23	3	02/25/77	1529	31 07 59.49 1	80 49 57.16 2	19.0 1	19.0 1	11.49 34.2	9.1	55			
0219	3	05	23	3	02/25/77	1533	31 07 59.81 1	80 49 57.52 2	19.0 1	19.0 1	11.49 34.2	9.1	55			
0219	4	05	23	3	02/25/77	1527	31 08 00.44 1	80 49 57.49 2	19.0 1	19.0 1	11.49 34.2	9.1	55			
0219	5	05	23	3	02/25/77	1541	31 08 00.12 1	80 49 57.48 2	19.0 1	19.0 1	11.49 34.2	9.1	55			
0219	6	05	23	3	02/25/77	1543	31 07 59.34 1	80 49 56.93 2	19.0 1	19.0 1	11.49 34.2	9.1	55			
0219	7	05	23	3	02/25/77	1526	31 07 59.49 1	80 49 57.20 2	19.0 1	19.0 1	11.49 34.2	9.1	55			
0219	8	05	23	3	02/25/77	1526	31 07 59.49 1	80 49 57.20 2	19.0 1	19.0 1	11.49 34.2	9.1	55			
0219	9	05	23	3	02/25/77	1526	31 07 59.49 1	80 49 57.20 2	19.0 1	19.0 1	11.49 34.2	9.1	55			
0223	1	05	24	3	02/25/77	2136	31 05 00.86 1	80 34 59.99 2	26.0 1	26.0 1	13.33 35.8	8.6	56			
0223	2	05	24	3	02/25/77	2141	31 05 01.02 1	80 34 58.66 2	26.0 1	26.0 1	13.33 35.8	8.6	56			
0223	3	05	24	3	02/25/77	2144	31 05 00.73 1	80 34 59.65 2	26.0 1	26.0 1	13.33 35.8	8.6	56			
0223	4	05	24	3	02/25/77	2152	31 05 00.98 1	80 34 58.49 2	26.0 1	26.0 1	13.33 35.8	8.6	56			
0223	5	05	24	3	02/25/77	2157	31 05 00.75 1	80 35 00.15 2	26.0 1	26.0 1	13.33 35.8	8.6	56			
0223	6	05	24	3	02/25/77	2201	31 05 00.96 1	80 34 59.54 2	26.0 1	26.0 1	13.33 35.8	8.6	56			
0223	7	05	24	3	02/25/77	2136	31 05 00.86 1	80 34 59.99 2	26.0 1	26.0 1	13.33 35.8	8.6	56			
0223	8	05	24	3	02/25/77	2136	31 05 00.86 1	80 34 59.99 2	26.0 1	26.0 1	13.33 35.8	8.6	56			
0223	9	05	24	3	02/25/77	2136	31 05 00.86 1	80 34 59.99 2	26.0 1	26.0 1	13.33 35.8	8.6	56			
0228	1	05	25	3	02/26/77	0233	31 02 57.78 1	80 25 58.32 2	33.0 1	33.0 1	13.94 35.4	8.6	55			
0228	2	05	25	3	02/26/77	0237	31 02 58.21 1	80 25 58.68 2	33.0 1	33.0 1	13.94 35.4	8.6	55			
0228	3	05	25	3	02/26/77	0242	31 02 58.21 1	80 25 58.68 2	33.0 1	33.0 1	13.94 35.4	8.6	55			
0228	4	05	25	3	02/26/77	0245	31 02 57.82 1	80 25 58.21 2	33.0 1	33.0 1	13.94 35.4	8.6	55			
0228	5	05	25	3	02/26/77	0249	31 02 58.08 1	80 25 58.51 2	33.0 1	33.0 1	13.94 35.4	8.6	55			
0228	6	05	25	3	02/26/77	0253	31 02 57.70 1	80 25 58.34 2	33.0 1	33.0 1	13.94 35.4	8.6	55			
0228	7	05	25	3	02/26/77	0233	31 02 57.78 1	80 25 58.32 2	33.0 1	33.0 1	13.94 35.4	8.6	55			
0228	8	05	25	3	02/26/77	0233	31 02 57.78 1	80 25 58.32 2	33.0 1	33.0 1	13.94 35.4	8.6	55			
0228	9	05	25	3	02/26/77	0233	31 02 57.78 1	80 25 58.32 2	33.0 1	33.0 1	13.94 35.4	8.6	55			
0232	1	05	26	3	02/26/77	0555	31 01 01.43 1	80 16 56.18 2	37.0 1	37.0 1	17.69 36.1	8.3	55			
0232	2	05	26	3	02/26/77	0602	31 01 01.44 1	80 16 56.16 2	37.0 1	37.0 1	17.69 36.1	8.3	55			
0232	3	05	26	3	02/26/77	0608	31 01 01.67 1	80 16 56.31 2	37.0 1	37.0 1	17.69 36.1	8.3	55			
0232	4	05	26	3	02/26/77	0614	31 01 01.80 1	80 16 56.40 2	37.0 1	37.0 1	17.69 36.1	8.3	55			
0232	5	05	26	3	02/26/77	0619	31 01 01.82 1	80 16 56.48 2	37.0 1	37.0 1	17.69 36.1	8.3	55			

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BLM OCS/SABP

WINTER CRUISE 1977

IN-SITU FIELD DATA SUMMARY

BENTHIC (GEOCHEMISTRY)

SAMPLE CODE	ID REP	X	Y	Z	DATE	TIME (2400)	LATITUDE				LONGITUDE				WATER		SAMPLE WATER		SALN	D.O.	BOTTOM TYPE	GEAR END	FLOWMETER START CAL
							DG	MN	SEC	N/S	DEG	MN	SEC	E/W	DPTH	C	DPTH	C					
0232	6	05	26	3	02/26/77	0625	31	01	01.63	1	80	16	56.33	2	37.0	1	37.0	1	17.69	36.1	8.3	55	
0232	7	05	26	3	02/26/77	0552	31	01	01.43	1	80	16	56.18	2	37.0	1	37.0	1	17.69	36.1	8.3	55	
0232	8	05	26	3	02/26/77	0555	31	01	01.43	1	80	16	56.18	2	37.0	1	37.0	1	17.69	36.1	8.3	55	
0232	9	05	26	3	02/26/77	0555	31	01	01.43	1	80	16	56.18	2	37.0	1	37.0	1	17.69	36.1	8.3	55	
0236	1	05	27	3	02/26/77	0926	30	59	02.38	1	80	07	59.54	2	41.0	1	41.0	1	19.10	36.2	7.6	55	
0236	2	05	27	3	02/26/77	0932	30	59	02.23	1	80	07	58.68	2	41.0	1	41.0	1	19.10	36.2	7.6	55	
0236	3	05	27	3	02/26/77	0937	30	59	02.29	1	80	07	59.46	2	41.0	1	41.0	1	19.10	36.2	7.6	55	
0236	4	05	27	3	02/26/77	0943	30	59	02.29	1	80	07	59.19	2	41.0	1	41.0	1	19.10	36.2	7.6	55	
0236	5	05	27	3	02/26/77	0948	30	59	02.28	1	80	07	59.17	2	41.0	1	41.0	1	19.10	36.2	7.6	55	
0236	6	05	27	3	02/26/77	0953	30	59	02.33	1	80	07	59.31	2	41.0	1	41.0	1	19.10	36.2	7.6	55	
0236	7	05	27	3	02/26/77	0926	30	59	02.38	1	80	07	59.54	2	41.0	1	41.0	1	19.10	36.2	7.6	55	
0236	8	05	27	3	02/26/77	0926	30	59	02.38	1	80	07	59.54	2	41.0	1	41.0	1	19.10	36.2	7.6	55	
0236	9	05	27	3	02/26/77	0926	30	59	02.38	1	80	07	59.54	2	41.0	1	41.0	1	19.10	36.2	7.6	55	
0241	1	05	38	3	02/27/77	1041	30	57	06.02	1	79	58	02.63	2	101.0	1	101.0	1	17.85	36.2	6.1	20	
0241	2	05	38	3	02/27/77	1046	30	57	05.94	1	79	58	02.09	2	101.0	1	101.0	1	17.85	36.2	6.1	20	
0241	3	05	38	3	02/27/77	1053	30	57	05.87	1	79	58	01.24	2	101.0	1	101.0	1	17.85	36.2	6.1	20	
0241	4	05	38	3	02/27/77	1059	30	57	06.07	1	79	58	02.74	2	101.0	1	101.0	1	17.85	36.2	6.1	20	
0241	5	05	38	3	02/27/77	1107	30	57	06.16	1	79	58	02.89	2	101.0	1	101.0	1	17.85	36.2	6.1	20	
0241	6	05	38	3	02/27/77	1112	30	57	06.08	1	79	58	02.55	2	101.0	1	101.0	1	17.85	36.2	6.1	20	
0241	7	05	38	3	02/27/77	1041	30	57	06.02	1	79	58	02.63	2	101.0	1	101.0	1	17.85	36.2	6.1	20	
0241	8	05	38	3	02/27/77	1041	30	57	06.02	1	79	58	02.63	2	101.0	1	101.0	1	17.85	36.2	6.1	20	
0241	9	05	38	3	02/27/77	1041	30	57	06.02	1	79	58	02.63	2	101.0	1	101.0	1	17.85	36.2	6.1	20	
0301	1	07	11	3	03/04/77	0830	29	26	59.43	1	81	03	03.27	2	20.0	1	20.0	1	14.06	35.0	8.1	30	
0301	2	07	11	3	03/04/77	0835	29	26	58.99	1	81	03	02.74	2	20.0	1	20.0	1	14.06	35.0	8.1	30	
0301	3	07	11	3	03/04/77	0840	29	26	59.82	1	81	03	02.32	2	20.0	1	20.0	1	14.06	35.0	8.1	30	
0301	4	07	11	3	03/04/77	0848	29	27	00.91	1	81	03	00.58	2	20.0	1	20.0	1	14.06	35.0	8.1	30	
0301	5	07	11	3	03/04/77	0857	29	26	59.24	1	81	03	03.57	2	20.0	1	20.0	1	14.06	35.0	8.1	30	
0301	6	07	11	3	03/04/77	0900	29	26	58.75	1	81	03	04.31	2	20.0	1	20.0	1	14.06	35.0	8.1	30	
0301	7	07	11	3	03/04/77	0830	29	26	59.43	1	81	03	03.27	2	20.0	1	20.0	1	14.06	35.0	8.1	30	
0301	8	07	11	3	03/04/77	0830	29	26	59.43	1	81	03	03.27	2	20.0	1	20.0	1	14.06	35.0	8.1	30	
0301	9	07	11	3	03/04/77	0830	29	26	59.43	1	81	03	03.27	2	20.0	1	20.0	1	14.06	35.0	8.1	30	
0279	1	07	12	3	03/04/77	0539	29	27	59.33	1	80	57	07.81	2	21.0	1	21.0	1	14.43	35.1	8.1	20	
0279	2	07	12	3	03/04/77	0543	29	27	59.17	1	80	57	07.92	2	21.0	1	21.0	1	14.43	35.1	8.1	20	
0279	3	07	12	3	03/04/77	0547	29	27	59.02	1	80	57	08.33	2	21.0	1	21.0	1	14.43	35.1	8.1	20	
0279	4	07	12	3	03/04/77	0551	29	27	59.38	1	80	57	07.60	2	21.0	1	21.0	1	14.43	35.1	8.1	20	
0279	5	07	12	3	03/04/77	0555	29	27	58.87	1	80	57	08.48	2	21.0	1	21.0	1	14.43	35.1	8.1	20	
0279	6	07	12	3	03/04/77	0559	29	27	59.36	1	80	57	07.64	2	21.0	1	21.0	1	14.43	35.1	8.1	20	
0279	7	07	12	3	03/04/77	0539	29	27	59.33	1	80	57	07.81	2	21.0	1	21.0	1	14.43	35.1	8.1	20	
0279	8	07	12	3	03/04/77	0539	29	27	59.33	1	80	57	07.81	2	21.0	1	21.0	1	14.43	35.1	8.1	20	

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BLM OCS/SABP

WINTER CRUISE 1977

IN-SITU FIELD DATA SUMMARY

BENTHIC (GEOCHEMISTRY)

SAMPLE CODE	ID REP	X	Y	Z	DATE	TIME (2400)	LATITUDE			LONGITUDE			WATER		SAMPLE WATER		SALN	D.O.	BOTTOM TYPE	GEAR END	FLOWMETER START CAL	
							DG	MN	SEC	N/S	DEG	MN	SEC	E/W	DPTH	C						DPTH
0279	9	07	12	3	03/04/77	0539	29	27	59.33	1	80	57	07.81	2	21.0	1	21.0	1	14.43	35.1	8.1	20
0283	1	07	23	3	03/04/77	1342	29	31	00.51	1	80	40	00.32	2	19.5	1	19.5	1	17.51	36.2	7.9	55
0283	2	07	23	3	03/04/77	1346	29	30	59.40	1	80	40	01.67	2	19.5	1	19.5	1	17.51	36.2	7.9	55
0283	3	07	23	3	03/04/77	1350	29	31	00.19	1	80	40	00.57	2	19.5	1	19.5	1	17.51	36.2	7.9	55
0283	4	07	23	3	03/04/77	1353	29	31	00.25	1	80	40	00.67	2	19.5	1	19.5	1	17.51	36.2	7.9	55
0283	5	07	23	3	03/04/77	1357	29	30	59.13	1	80	40	01.89	2	19.5	1	19.5	1	17.51	36.2	7.9	55
0283	6	07	23	3	03/04/77	1402	29	31	00.25	1	80	40	00.50	2	19.5	1	19.5	1	17.51	36.2	7.9	55
0283	7	07	23	3	03/04/77	1342	29	31	00.51	1	80	40	00.32	2	19.5	1	19.5	1	17.51	36.2	7.9	55
0283	8	07	23	3	03/04/77	1342	29	31	00.51	1	80	40	00.32	2	19.5	1	19.5	1	17.51	36.2	7.9	55
0283	9	07	23	3	03/04/77	1342	29	31	00.51	1	80	40	00.32	2	19.5	1	19.5	1	17.51	36.2	7.9	55
0288	1	07	24	3	03/03/77	2335	29	34	07.43	1	80	21	51.61	2	43.0	1	43.0	1	16.29	36.0	6.1	20
0288	2	07	24	3	03/03/77	2340	29	34	07.24	1	80	21	52.07	2	43.0	1	43.0	1	16.29	36.0	6.1	20
0288	3	07	24	3	03/03/77	2345	29	34	08.18	1	80	21	51.92	2	43.0	1	43.0	1	16.29	36.0	6.1	20
0288	4	07	24	3	03/03/77	2350	29	34	08.01	1	80	21	51.76	2	43.0	1	43.0	1	16.29	36.0	6.1	20
0288	5	07	24	3	03/03/77	2355	29	34	06.82	1	80	21	51.68	2	43.0	1	43.0	1	16.29	36.0	6.1	20
0288	6	07	24	3	03/04/77	0002	29	34	07.92	1	80	21	51.41	2	43.0	1	43.0	1	16.29	36.0	6.1	20
0288	7	07	24	3	03/03/77	2335	29	34	07.43	1	80	21	51.61	2	43.0	1	43.0	1	16.29	36.0	6.1	20
0288	8	07	24	3	03/03/77	2335	29	34	07.43	1	80	21	51.61	2	43.0	1	43.0	1	16.29	36.0	6.1	20
0288	9	07	24	3	03/03/77	2335	29	34	07.43	1	80	21	51.61	2	43.0	1	43.0	1	16.29	36.0	6.1	20
0292	1	07	35	3	03/03/77	1452	29	36	00.54	1	80	11	00.54	2	226.0	1	226.0	1	8.03	35.1	4.4	30
0292	2	07	35	3	03/03/77	1503	29	36	01.44	1	80	10	59.13	2	226.0	1	226.0	1	8.03	35.1	4.4	30
0292	3	07	35	3	03/03/77	1525	29	36	00.33	1	80	11	00.15	2	226.0	1	226.0	1	8.03	35.1	4.4	30
0292	4	07	35	3	03/03/77	1537	29	35	58.77	1	80	10	59.42	2	226.0	1	226.0	1	8.03	35.1	4.4	30
0292	5	07	35	3	03/03/77	1548	29	36	00.85	1	80	11	00.53	2	226.0	1	226.0	1	8.03	35.1	4.4	30
0292	6	07	35	3	03/03/77	1602	29	35	59.55	1	80	10	59.42	2	226.0	1	226.0	1	8.03	35.1	4.4	30
0292	7	07	35	3	03/03/77	1452	29	36	00.54	1	80	11	00.54	2	226.0	1	226.0	1	8.03	35.1	4.4	30
0292	8	07	35	3	03/03/77	1452	29	36	00.54	1	80	11	00.54	2	226.0	1	226.0	1	8.03	35.1	4.4	30
0292	9	07	35	3	03/03/77	1452	29	36	00.54	1	80	11	00.54	2	226.0	1	226.0	1	8.03	35.1	4.4	30
0297	1	07	36	3	03/02/77	2345	29	37	59.81	1	79	58	00.09	2	536.0	1	536.0	1	6.49	35.1	4.8	40
0297	2	07	36	3	03/03/77	0008	29	38	00.46	1	79	57	59.87	2	536.0	1	536.0	1	6.49	35.1	4.8	40
0297	3	07	36	3	03/03/77	0030	29	38	04.81	1	79	57	59.11	2	536.0	1	536.0	1	6.49	35.1	4.8	40
0297	4	07	36	3	03/03/77	0053	29	38	03.51	1	79	58	00.54	2	536.0	1	536.0	1	6.49	35.1	4.8	40
0297	5	07	36	3	03/03/77	0121	29	37	59.76	1	79	58	01.46	2	536.0	1	536.0	1	6.49	35.1	4.8	40
0297	6	07	36	3	03/03/77	0152	29	38	01.19	1	79	58	00.32	2	536.0	1	536.0	1	6.49	35.1	4.8	40
0297	7	07	36	3	03/02/77	2345	29	37	59.81	1	79	58	00.09	2	536.0	1	536.0	1	6.49	35.1	4.8	40
0297	8	07	36	3	03/02/77	2345	29	37	59.81	1	79	58	00.09	2	536.0	1	536.0	1	6.49	35.1	4.8	40
0297	9	07	36	3	03/02/77	2345	29	37	59.81	1	79	58	00.09	2	536.0	1	536.0	1	6.49	35.1	4.8	40

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IN-SITU FIELD DATA SUMMARY

BENTHIC (GEOCHEMISTRY)

PROJECT TASK GEAR SITE  
CODE CODE CODE  
06 01 41 1

SAMPLE CODE	ID REP	X	Y	Z	DATE	SAMPLE UNITS	V/A C	D/N	DURATION UNITS C	WIND SPD C	DIR C	WAVE PD C	WAVE HT C	WAVE DR C	HUMID	BAR C
0104	1	01	12	3	02/09/77	600.0	7	2								
0104	2	01	12	3	02/09/77	600.0	7	2								
0104	3	01	12	3	02/09/77	600.0	7	2								
0104	4	01	12	3	02/09/77	600.0	7	2								
0104	5	01	12	3	02/09/77	600.0	7	2								
0104	6	01	12	3	02/09/77	600.0	7	2								
0104	7	01	12	3	02/09/77	600.0	7	2								
0104	8	01	12	3	02/09/77	600.0	7	2								
0104	9	01	12	3	02/09/77	600.0	7	2								
0121	1	01	23	3	02/11/77	600.0	7	2								
0121	2	01	23	3	02/11/77	600.0	7	2								
0121	3	01	23	3	02/11/77	600.0	7	1								
0121	4	01	23	3	02/11/77	600.0	7	1								
0121	5	01	23	3	02/11/77	600.0	7	1								
0121	6	01	23	3	02/11/77	600.0	7	1								
0121	7	01	23	3	02/11/77	600.0	7	2								
0121	8	01	23	3	02/11/77	600.0	7	2								
0121	9	01	23	3	02/11/77	600.0	7	2								
0116	1	01	24	3	02/11/77	600.0	7	1								
0116	2	01	24	3	02/11/77	600.0	7	1								
0116	3	01	24	3	02/11/77	600.0	7	1								
0116	4	01	24	3	02/11/77	600.0	7	1								
0116	5	01	24	3	02/11/77	600.0	7	1								
0116	6	01	24	3	02/11/77	600.0	7	1								
0116	7	01	24	3	02/11/77	600.0	7	1								
0116	8	01	24	3	02/11/77	600.0	7	1								
0116	9	01	24	3	02/11/77	600.0	7	1								
0112	1	01	25	3	02/10/77	600.0	7	2								
0112	2	01	25	3	02/11/77	600.0	7	2								
0112	3	01	25	3	02/11/77	600.0	7	2								
0112	4	01	25	3	02/11/77	600.0	7	2								
0112	5	01	25	3	02/11/77	600.0	7	2								
0112	6	01	25	3	02/11/77	600.0	7	2								
0112	7	01	25	3	02/10/77	600.0	7	2								

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IN-SITU FIELD DATA SUMMARY

BENTHIC (GEOCHEMISTRY)

SAMPLE ID CODE	X REP	Y	Z	DATE	SAMPLE UNITS	V/A C	D/N	DURATION UNITS	C	WIND SPD	C	DIR	WAVE PD	C	WAVE HT	C	WAVE DR	C	HUMID	BAR	C
0112	8	01	25	3	02/10/77	600.0	7	2													
0112	9	01	25	3	02/10/77	600.0	7	2													
0108	1	01	36	3	02/10/77	600.0	7	1													
0108	2	01	36	3	02/10/77	600.0	7	1													
0108	3	01	36	3	02/10/77	600.0	7	1													
0108	4	01	36	3	02/10/77	600.0	7	1													
0108	5	01	36	3	02/10/77	600.0	7	1													
0108	6	01	36	3	02/10/77	600.0	7	1													
0108	7	01	36	3	02/10/77	600.0	7	1													
0108	8	01	36	3	02/10/77	600.0	7	1													
0108	9	01	36	3	02/10/77	600.0	7	1													
0129	1	02	12	3	02/12/77	600.0	7	1													
0129	2	02	12	3	02/12/77	600.0	7	1													
0129	3	02	12	3	02/12/77	600.0	7	1													
0129	4	02	12	3	02/12/77	600.0	7	1													
0129	5	02	12	3	02/12/77	600.0	7	1													
0129	6	02	12	3	02/12/77	600.0	7	1													
0129	7	02	12	3	02/12/77	600.0	7	1													
0129	8	02	12	3	02/12/77	600.0	7	1													
0129	9	02	12	3	02/12/77	600.0	7	1													
0134	1	02	23	3	02/13/77	600.0	7	1													
0134	2	02	23	3	02/13/77	600.0	7	1													
0134	3	02	23	3	02/13/77	600.0	7	1													
0134	4	02	23	3	02/13/77	600.0	7	1													
0134	5	02	23	3	02/13/77	600.0	7	1													
0134	6	02	23	3	02/13/77	600.0	7	1													
0134	7	02	23	3	02/13/77	600.0	7	1													
0134	8	02	23	3	02/13/77	600.0	7	1													
0134	9	02	23	3	02/13/77	600.0	7	1													
0138	1	02	24	3	02/13/77	600.0	7	2													
0138	2	02	24	3	02/13/77	600.0	7	2													
0138	3	02	24	3	02/13/77	600.0	7	2													
0138	4	02	24	3	02/13/77	600.0	7	2													
0138	5	02	24	3	02/13/77	600.0	7	2													
0138	6	02	24	3	02/13/77	600.0	7	2													
0138	7	02	24	3	02/13/77	600.0	7	2													
0138	8	02	24	3	02/13/77	600.0	7	2													
0138	9	02	24	3	02/13/77	600.0	7	2													
0143	1	02	25	3	02/14/77	600.0	7	1													

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IN-SITU FIELD DATA SUMMARY

BENTHIC (GEOCHEMISTRY)

SAMPLE ID	X	Y	Z	DATE	SAMPLE	V/A	D/N	DURATION	WIND	WAVE	WAVE	WAVE	HUMID	BAR						
CODE	REP				UNITS	C		UNITS	C	SPD	C	DIR	PD	C	HT	C	DR	C		C
0143	2	02	25	3	02/14/77	600.0	7	1												
0143	3	02	25	3	02/14/77	600.0	7	1												
0143	4	02	25	3	02/14/77	600.0	7	1												
0143	5	02	25	3	02/14/77	600.0	7	1												
0143	6	02	25	3	02/14/77	600.0	7	1												
0143	7	02	25	3	02/14/77	600.0	7	1												
0143	8	02	25	3	02/14/77	600.0	7	1												
0143	9	02	25	3	02/14/77	600.0	7	1												
0148	1	02	26	3	02/14/77	600.0	7	2												
0148	2	02	26	3	02/14/77	600.0	7	2												
0148	3	02	26	3	02/14/77	600.0	7	2												
0148	4	02	26	3	02/14/77	600.0	7	2												
0148	5	02	26	3	02/14/77	600.0	7	2												
0148	6	02	26	3	02/14/77	600.0	7	2												
0148	7	02	26	3	02/14/77	600.0	7	2												
0148	8	02	26	3	02/14/77	600.0	7	2												
0148	9	02	26	3	02/14/77	600.0	7	2												
0153	1	02	37	3	02/15/77	600.0	7	1												
0153	2	02	37	3	02/15/77	600.0	7	1												
0153	3	02	37	3	02/15/77	600.0	7	1												
0153	4	02	37	3	02/15/77	600.0	7	1												
0153	5	02	37	3	02/15/77	600.0	7	1												
0153	6	02	37	3	02/15/77	600.0	7	1												
0153	7	02	37	3	02/15/77	600.0	7	1												
0153	8	02	37	3	02/15/77	600.0	7	1												
0153	9	02	37	3	02/15/77	600.0	7	1												
0208	1	05	11	3	02/21/77	600.0	7	2												
0208	2	05	11	3	02/21/77	600.0	7	2												
0208	3	05	11	3	02/21/77	600.0	7	2												
0208	4	05	11	3	02/21/77	800.0	7	2												
0208	5	05	11	3	02/21/77	600.0	7	2												
0208	6	05	11	3	02/21/77	600.0	7	2												
0208	7	05	11	3	02/21/77	600.0	7	2												
0208	8	05	11	3	02/21/77	600.0	7	2												
0208	9	05	11	3	02/21/77	600.0	7	2												
0213	1	05	12	3	02/21/77	600.0	7	1												
0213	2	05	12	3	02/21/77	600.0	7	1												
0213	3	05	12	3	02/21/77	600.0	7	1												
0213	4	05	12	3	02/21/77	600.0	7	1												

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IN-SITU FIELD DATA SUMMARY

BENTHIC (GEOCHEMISTRY)

SAMPLE CODE	ID REP	X	Y	Z	DATE	SAMPLE UNITS	V/A C	D/N	DURATION UNITS	C	WIND SPD	C	DIR	WAVE PD	C	WAVE HT	C	WAVE DR	C	HUMID	BAR	C
0213	5	05	12	3	02/21/77	600.0	7	1														
0213	6	05	12	3	02/21/77	600.0	7	1														
0213	7	05	12	3	02/21/77	600.0	7	1														
0213	8	05	12	3	02/21/77	600.0	7	1														
0213	9	05	12	3	02/21/77	600.0	7	1														
0213	1	05	12	3	02/21/77	600.0	7	1														
0213	2	05	12	3	02/21/77	600.0	7	1														
0219	1	05	23	3	02/25/77	600.0	7	1														
0219	2	05	23	3	02/25/77	600.0	7	1														
0219	3	05	23	3	02/25/77	600.0	7	1														
0219	4	05	23	3	02/25/77	600.0	7	1														
0219	5	05	23	3	02/25/77	600.0	7	1														
0219	6	05	23	3	02/25/77	600.0	7	1														
0219	7	05	23	3	02/25/77	600.0	7	1														
0219	8	05	23	3	02/25/77	600.0	7	1														
0219	9	05	23	3	02/25/77	600.0	7	1														
0223	1	05	24	3	02/25/77	600.0	7	2														
0223	2	05	24	3	02/25/77	600.0	7	2														
0223	3	05	24	3	02/25/77	600.0	7	2														
0223	4	05	24	3	02/25/77	600.0	7	2														
0223	5	05	24	3	02/25/77	600.0	7	2														
0223	6	05	24	3	02/25/77	600.0	7	2														
0223	7	05	24	3	02/25/77	600.0	7	2														
0223	8	05	24	3	02/25/77	600.0	7	2														
0223	9	05	24	3	02/25/77	600.0	7	2														
0228	1	05	25	3	02/26/77	600.0	7	2														
0228	2	05	25	3	02/26/77	600.0	7	2														
0228	3	05	25	3	02/26/77	600.0	7	2														
0228	4	05	25	3	02/26/77	600.0	7	2														
0228	5	05	25	3	02/26/77	600.0	7	2														
0228	6	05	25	3	02/26/77	600.0	7	2														
0228	7	05	25	3	02/26/77	600.0	7	2														
0228	8	05	25	3	02/26/77	600.0	7	2														
0228	9	05	25	3	02/26/77	600.0	7	2														
0232	1	05	26	3	02/26/77	600.0	7	2														
0232	2	05	26	3	02/26/77	600.0	7	2														
0232	3	05	26	3	02/26/77	600.0	7	2														
0232	4	05	26	3	02/26/77	600.0	7	2														
0232	5	05	26	3	02/26/77	600.0	7	2														

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IN-SITU FIELD DATA SUMMARY

BENTHIC (GEOCHEMISTRY)

SAMPLE ID	X	Y	Z	DATE	SAMPLE V/A	D/N	DURATION	WIND	WAVE	WAVE	WAVE	HUMID	BAR
CODE	REP				UNITS	C	UNITS C	SPD C	DIR C	PD C	HT C	DR C	C
0232	6	05	26	3	02/26/77		600.0	7					2
0232	7	05	26	3	02/26/77		600.0	7					2
0232	8	05	26	3	02/26/77		600.0	7					2
0232	9	05	26	3	02/26/77		600.0	7					2
0236	1	05	27	3	02/26/77		600.0	7					1
0236	2	05	27	3	02/26/77		600.0	7					1
0236	3	05	27	3	02/26/77		600.0	7					1
0236	4	05	27	3	02/26/77		600.0	7					1
0236	5	05	27	3	02/26/77		600.0	7					1
0236	6	05	27	3	02/26/77		600.0	7					1
0236	7	05	27	3	02/26/77		600.0	7					1
0236	8	05	27	3	02/26/77		600.0	7					1
0236	9	05	27	3	02/26/77		600.0	7					1
0241	1	05	38	3	02/27/77		600.0	7					1
0241	2	05	38	3	02/27/77		600.0	7					1
0241	3	05	38	3	02/27/77		600.0	7					1
0241	4	05	38	3	02/27/77		600.0	7					1
0241	5	05	38	3	02/27/77		600.0	7					1
0241	6	05	38	3	02/27/77		600.0	7					1
0241	7	05	38	3	02/27/77		600.0	7					1
0241	8	05	38	3	02/27/77		600.0	7					1
0241	9	05	38	3	02/27/77		600.0	7					1
0301	1	07	11	3	03/04/77		600.0	7					1
0301	2	07	11	3	03/04/77		600.0	7					1
0301	3	07	11	3	03/04/77		600.0	7					1
0301	4	07	11	3	03/04/77		600.0	7					1
0301	5	07	11	3	03/04/77		600.0	7					1
0301	6	07	11	3	03/04/77		600.0	7					1
0301	7	07	11	3	03/04/77		600.0	7					1
0301	8	07	11	3	03/04/77		600.0	7					1
0301	9	07	11	3	03/04/77		600.0	7					1
0279	1	07	12	3	03/04/77		600.0	7					2
0279	2	07	12	3	03/04/77		600.0	7					2
0279	3	07	12	3	03/04/77		600.0	7					2
0279	4	07	12	3	03/04/77		600.0	7					2
0279	5	07	12	3	03/04/77		600.0	7					2
0279	6	07	12	3	03/04/77		600.0	7					2
0279	7	07	12	3	03/04/77		600.0	7					2
0279	8	07	12	3	03/04/77		600.0	7					2

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IN-SITU FIELD DATA SUMMARY

BENTHIC (GEOCHEMISTRY)

SAMPLE CODE	ID REP	X	Y	Z	DATE	SAMPLE UNITS	V/A C	D/N	DURATION UNITS	C	WIND SPD	C	DIR	WAVE PD	C	WAVE HT	C	WAVE DR	C	HUMID	BAR	C
0279	9	07	12	3	03/04/77	600.0	7	2														
0283	1	07	23	3	03/04/77	600.0	7	1														
0283	2	07	23	3	03/04/77	600.0	7	1														
0283	3	07	23	3	03/04/77	600.0	7	1														
0283	4	07	23	3	03/04/77	600.0	7	1														
0283	5	07	23	3	03/04/77	600.0	7	1														
0283	6	07	23	3	03/04/77	600.0	7	1														
0283	7	07	23	3	03/04/77	600.0	7	1														
0283	8	07	23	3	03/04/77	600.0	7	1														
0283	9	07	23	3	03/04/77	600.0	7	1														
0288	1	07	24	3	03/03/77	600.0	7	2														
0288	2	07	24	3	03/03/77	600.0	7	2														
0288	3	07	24	3	03/03/77	600.0	7	2														
0288	4	07	24	3	03/03/77	600.0	7	2														
0288	5	07	24	3	03/03/77	600.0	7	2														
0288	6	07	24	3	03/04/77	600.0	7	2														
0288	7	07	24	3	03/03/77	600.0	7	2														
0288	8	07	24	3	03/03/77	600.0	7	2														
0288	9	07	24	3	03/03/77	600.0	7	2														
0292	1	07	35	3	03/03/77	600.0	7	1														
0292	2	07	35	3	03/03/77	600.0	7	1														
0292	3	07	35	3	03/03/77	600.0	7	1														
0292	4	07	35	3	03/03/77	600.0	7	1														
0292	5	07	35	3	03/03/77	600.0	7	1														
0292	6	07	35	3	03/03/77	600.0	7	1														
0292	7	07	35	3	03/03/77	600.0	7	1														
0292	8	07	35	3	03/03/77	600.0	7	1														
0292	9	07	35	3	03/03/77	600.0	7	1														
0297	1	07	36	3	03/02/77	600.0	7	2														
0297	2	07	36	3	03/03/77	600.0	7	2														
0297	3	07	36	3	03/03/77	600.0	1	2														
0297	4	07	36	3	03/03/77	600.0	7	2														
0297	5	07	36	3	03/03/77	600.0	7	2														
0297	6	07	36	3	03/03/77	600.0	7	2														
0297	7	07	36	3	03/02/77	600.0	7	2														
0297	8	07	36	3	03/02/77	600.0	7	2														
0297	9	07	36	3	03/02/77	600.0	7	2														

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SECTION V

SEDIMENT HYDROCARBONS

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BENTHIC GEOCHEMISTRY

SEDIMENT HYDROCARBON

SEDIMENT HYDROCARBON

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION			SUB NUM	SAMPLE CODE	REP
6	33	41	1	X	Y	Z	10	104	9

AMOUNT ANALYZED	178.000 G			HEPTANE FRACTION (F0)	HEPTANE FRACTION (F1)	BENZENE FRACTION (F2)			
WET WEIGHT	226.000 G								
TOTAL EXTRACTABLE	61.700	MG/G	TOTAL	0.0	MG/G	1.750	MG/G	2.140	MG/G
TOTAL NONSAPONIFIABLE	0.0	MG/G	GC RESOLVED	0.0		0.360		0.210	
TOT NONSAP / TOT EXTR	0.0		GC UNRESOLVED	0.0		0.0		0.0	
TOT FRACT / TOT NONSAP	0.060		FRACTION / NONSAP	0.0		0.030		0.0	
LOW WT / HIGH WT	0.720		GAS CHROM / TOTAL	0.0		0.0		0.0	
ODD LOW / EVEN LOW	1.740		RESOLVED / GAS CHROM	0.0		0.0		0.0	
ODD HIGH / EVEN HIGH	1.670		DETERMINED / RESOLVED	0.0		0.0		0.0	
PRISTANE / PHYTANE	0.750								
PRISTANE / C17	0.920								
PHYTANE / C18	1.600								
C17 / C18	1.300								

COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)
1400	1397	1	0.0030	1500	1499	1	0.0060	1600	1597	1	0.0040
1700	1697	1	0.0130	1701	1704	1	0.0120	1800	1796	1	0.0100
1801	1809	1	0.0160	1900	1902	1	0.0070	2000	1997	1	0.0020
2100	2098	1	0.0070	2200	2198	1	0.0020	2300	2302	1	0.0030
2400	2401	1	0.0020	2500	2503	1	0.0060	2600	2599	1	0.0060
2700	2700	1	0.0050	2800	2799	1	0.0040	2900	2901	1	0.0170
3000	3005	1	0.0070	3100	3104	1	0.0140	3200	3212	1	0.0060

NOTE: A NEGATIVE VALUE IS BELOW THE LIMIT OF DETECTION.  
 ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

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BENTHIC GEOCHEMISTRY

SEDIMENT HYDROCARBON

SEDIMENT HYDROCARBON

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION X Y Z	SUB NUM	SAMPLE CODE	REP
6	33	41	1	1 23 3	10	121	9

AMOUNT ANALYZED	162.000 G	HEPTANE FRACTION (F0)		HEPTANE FRACTION (F1)		BENZENE FRACTION (F2)			
WET WEIGHT	211.000 G	-----							
TOTAL EXTRACTABLE	69.200 MG/G	TOTAL	0.0	MG/G	4.890	MG/G	0.740	MG/G	
TOTAL NONSAPONIFIABLE	0.0 MG/G	GC RESOLVED	0.0		0.420		0.120		
TOT NONSAP / TOT EXTR	0.0	GC UNRESOLVED	0.0		0.0		0.0		
TOT FRACT / TOT NONSAP	0.080	FRACTION / NONSAP	0.0		0.070		0.010		
LOW WT / HIGH WT	1.230	GAS CHROM / TOTAL	0.0		0.090		0.160		
ODD LOW / EVEN LOW	1.300	RESOLVED / GAS CHROM	0.0		1.000		1.000		
ODD HIGH / EVEN HIGH	1.070	DETERMINED / RESOLVED	0.0		0.340		0.0		
PRISTANE / PHYTANE	0.500								
PRISTANE / C17	0.430								
PHYTANE / C18	1.330								
C17 / C18	1.560								

COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)
1400	1401	1	0.0080	1500	1505	1	0.0110	1600	1603	1	0.0090
1700	1703	1	0.0140	1701	1713	1	0.0060	1800	1798	1	0.0090
1801	1810	1	0.0120	1900	1896	1	0.0080	2000	2001	1	0.0040
2100	2101	1	0.0060	2200	2200	1	0.0040	2300	2305	1	0.0030
2400	2402	1	0.0030	2500	2549	1	0.0050	2600	2602	1	0.0030
2700	2679	1	0.0030	2800	2788	1	0.0030	2900	2889	1	0.0100
3000	3001	1	0.0060	3100	3095	1	0.0080	3200	3202	1	0.0080

NOTE: A NEGATIVE VALUE IS BELOW THE LIMIT OF DETECTION.  
 ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

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BENTHIC GEOCHEMISTRY

SEDIMENT HYDROCARBON

SEDIMENT HYDROCARBON

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION X Y Z	SUB NUM	SAMPLE CODE	REP
6	33	41	1	1 24 3	10	116	9

AMOUNT ANALYZED	145.000 G			HEPTANE FRACTION (F0)	HEPTANE FRACTION (F1)	BENZENE FRACTION (F2)	
WET WEIGHT	201.000 G						
TOTAL EXTRACTABLE	44.000 MG/G	TOTAL	0.0	MG/G	2.000	MG/G	2.000 MG/G
TOTAL NONSAPONIFIABLE	0.0 MG/G	GC RESOLVED	0.0		0.280		0.100
TOT NONSAP / TOT EXTR	0.0	GC UNRESOLVED	0.0		0.0		0.0
TOT FRACT / TOT NONSAP	0.090	FRACTION / NONSAP	0.0		0.050		0.050
LOW WT / HIGH WT	1.390	GAS CHROM / TOTAL	0.0		0.140		0.050
ODD LOW / EVEN LOW	1.040	RESOLVED / GAS CHROM	0.0		1.000		1.000
ODD HIGH / EVEN HIGH	1.530	DETERMINED / RESOLVED	0.0		0.380		0.0
PRISTANE / PHYTANE	2.500						
PRISTANE / C17	0.830						
PHYTANE / C18	0.360						
C17 / C18	1.090						

COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)
1400	1396	1	0.0040	1500	1499	1	0.0060	1600	1596	1	0.0060
1700	1696	1	0.0120	1701	1704	1	0.0100	1800	1796	1	0.0110
1801	1809	1	0.0040	1900	1899	1	0.0050	2000	1996	1	0.0050
2100	2098	1	0.0040	2200	2197	1	0.0030	2300	2300	1	0.0040
2400	2401	1	0.0020	2500	2503	1	0.0060	2600	2599	1	0.0030
2700	2699	1	0.0040	2800	2797	1	0.0010	2900	2899	1	0.0050
3000	3001	1	0.0030	3100	3104	1	0.0040	3200	3212	1	0.0030

NOTE: A NEGATIVE VALUE IS BELOW THE LIMIT OF DETECTION.  
 ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

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BENTHIC GEOCHEMISTRY

SEDIMENT HYDROCARBON

SEDIMENT HYDROCARBON

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION X Y Z	SUB NUM	SAMPLE CODE	REP
6	33	41	1	1 25 3	10	112	9

AMOUNT ANALYZED	163.000 G			HEPTANE FRACTION (F0)	HEPTANE FRACTION (F1)	BENZENE FRACTION (F2)	
WET WEIGHT	203.000 G						
TOTAL EXTRACTABLE	82.300 MG/G	TOTAL	0.0	MG/G	1.960	MG/G	3.480 MG/G
TOTAL NONSAPONIFIABLE	0.0 MG/G	GC RESOLVED	0.0		0.300		0.110
TOT NONSAP / TOT EXTR	0.0	GC UNRESOLVED	0.0		0.0		0.0
TOT FRACT / TOT NONSAP	0.070	FRACTION / NONSAP	0.0		0.020		0.040
LOW WT / HIGH WT	0.590	GAS CHROM / TOTAL	0.0		0.150		0.030
ODD LOW / EVEN LOW	1.000	RESOLVED / GAS CHROM	0.0		1.000		1.000
ODD HIGH/ EVEN HIGH	2.570	DETERMINED / RESOLVED	0.0		0.440		0.0
PRISTANE / PHYTANE	2.500						
PRISTANE / C17	2.000						
PHYTANE / C18	0.670						
C17 / C18	0.830						

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COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)
1400	1404	1	0.0030	1500	1508	1	0.0030	1600	1607	1	0.0050
1700	1696	1	0.0050	1701	1706	1	0.0100	1800	1801	1	0.0060
1801	1813	1	0.0040	1900	1896	1	0.0070	2000	2003	1	0.0080
2100	2103	1	0.0070	2200	2202	1	0.0030	2300	2307	1	0.0030
2400	2404	1	0.0030	2500	2551	1	0.0050	2600	2604	1	0.0030
2700	2681	1	0.0070	2800	2778	1	0.0060	2900	2890	1	0.0200
3000	3001	1	0.0060	3100	3095	1	0.0190				

NOTE: A NEGATIVE VALUE IS BELOW THE LIMIT OF DETECTION.  
 ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

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BENTHIC GEOCHEMISTRY

SEDIMENT HYDROCARBON

SEDIMENT HYDROCARBON

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION X Y Z	SUB NUM	SAMPLE CODE	REP
6	33	41	1	1 36 3	10	108	9

AMOUNT ANALYZED	102.000 G			HEPTANE FRACTION (F0)	HEPTANE FRACTION (F1)	BENZENE FRACTION (F2)	
WET WEIGHT	156.000 G						
TOTAL EXTRACTABLE	23.000 MG/G	TOTAL		0.0 MG/G	0.310	MG/G	3.130 MG/G
TOTAL NONSAPONIFIABLE	0.0 MG/G	GC RESOLVED		0.0	0.310		0.100
TOT NONSAP / TOT EXTR	0.0	GC UNRESOLVED		0.0	0.0		0.0
TOT FRACT / TOT NONSAP	0.140	FRACTION / NONSAP		0.0	0.010		0.140
LOW WT / HIGH WT	0.900	GAS CHROM / TOTAL		0.0	1.550		0.030
ODD LOW / EVEN LOW	0.820	RESOLVED / GAS CHROM		0.0	1.000		1.000
ODD HIGH/ EVEN HIGH	1.140	DETERMINED / RESOLVED		0.0	0.510		0.0
PRISTANE / PHYTANE	1.250						
PRISTANE / C17	0.500						
PHYTANE / C18	0.220						
C17 / C18	0.560						

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COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)
1400	1397	1	0.0050	1500	1499	1	0.0080	1600	1597	1	0.0100
1700	1696	1	0.0100	1701	1706	1	0.0050	1800	1796	1	0.0180
1801	1809	1	0.0040	1900	1896	1	0.0070	2000	1995	1	0.0060
2100	2097	1	0.0070	2200	2197	1	0.0050	2300	2302	1	0.0060
2400	2388	1	0.0090	2500	2508	1	0.0150	2600	2600	1	0.0080
2700	2700	1	0.0060	2800	2797	1	0.0020	2900	2900	1	0.0060
3000	3004	1	0.0060	3100	3104	1	0.0090	3200	3212	1	0.0070

NOTE: A NEGATIVE VALUE IS BELOW THE LIMIT OF DETECTION.  
 ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

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 BENTHIC GEOCHEMISTRY  
 SEDIMENT HYDROCARBON  
 SEDIMENT HYDROCARBON

PROJECT TASK GEAR SITE LOCATION SUB SAMPLE REP  
 CODE CODE CODE X Y Z NUM CODE  
 6 33 41 1 2 12 3 10 129 9

AMOUNT ANALYZED	191.000 G	HEPTANE FRACTION (F0)		HEPTANE FRACTION (F1)		BENZENE FRACTION (F2)	
WET WEIGHT	219.000 G	-----		-----		-----	
TOTAL EXTRACTABLE	75.400 MG/G	TOTAL	0.0	MG/G	2.670	MG/G	6.330 MG/G
TOTAL NONSAPONIFIABLE	0.0 MG/G	GC RESOLVED	0.0		0.230		0.120
TOT NONSAP / TOT EXTR	0.0	GC UNRESOLVED	0.0		0.0		0.0
TOT FRACT / TOT NONSAP	0.120	FRACTION / NONSAP	0.0		0.040		0.080
LOW WT / HIGH WT	1.080	GAS CHROM / TOTAL	0.0		0.090		0.020
ODD LOW / EVEN LOW	1.300	RESOLVED / GAS CHROM	0.0		1.000		1.000
ODD HIGH / EVEN HIGH	0.480	DETERMINED / RESOLVED	0.0		0.480		0.0
PRISTANE / PHYTANE	2.000						
PRISTANE / C17	0.330						
PHYTANE / C18	0.200						
C17 / C18	1.200						

COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT ( MG/G )	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT ( MG/G )	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT ( MG/G )
1400	1397	1	0.0020	1500	1498	1	0.0060	1600	1597	1	0.0040
1700	1697	1	0.0180	1701	1710	1	0.0060	1800	1796	1	0.0150
1801	1808	1	0.0030	1900	1897	1	0.0040	2000	1995	1	0.0020
2100	2097	1	0.0020	2200	2198	1	0.0020	2300	2301	1	0.0020
2400	2401	1	0.0010	2500	2503	1	0.0020	2600	2599	1	0.0020
2700	2700	1	0.0020	2800	2797	1	0.0020	2900	2900	1	0.0050
3000	3004	1	0.0010	3100	3104	1	0.0050	3200	3212	1	0.0070

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 ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

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 SEDIMENT HYDROCARBON

PROJECT TASK GEAR SITE LOCATION SUB SAMPLE REP  
 CODE CODE GEAR CODE X Y Z NUM CODE CODE  
 6 33 41 1 2 23 3 10 134 9

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AMOUNT ANALYZED	164.000 G			HEPTANE FRACTION (F0)	HEPTANE FRACTION (F1)	BENZENE FRACTION (F2)	
WET WEIGHT	188.000 G						
TOTAL EXTRACTABLE	37.500 MG/G	TOTAL	0.0	MG/G	3.600	MG/G	0.670 MG/G
TOTAL NONSAPONIFIABLE	0.0 MG/G	GC RESOLVED	0.0		0.290		0.130
TOT NONSAP / TOT EXTR	0.0	GC UNRESOLVED	0.0		0.0		0.0
TOT FRACT / TOT NONSAP	0.110	FRACTION / NONSAP	0.0		0.100		0.020
LOW WT / HIGH WT	1.790	GAS CHROM / TOTAL	0.0		0.080		0.190
ODD LOW / EVEN LOW	1.110	RESOLVED / GAS CHROM	0.0		1.000		1.000
ODD HIGH / EVEN HIGH	3.130	DETERMINED / RESOLVED	0.0		0.380		0.0
PRISTANE / PHYTANE	1.570						
PRISTANE / C17	0.650						
PHYTANE / C18	0.390						
C17 / C18	0.940						

COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)
1400	1397	1	0.0010	1500	1499	1	0.0050	1600	1597	1	0.0060
1700	1696	1	0.0170	1701	1712	1	0.0110	1800	1797	1	0.0180
1801	1807	1	0.0070	1900	1896	1	0.0060	2000	1996	1	0.0030
2100	2098	1	0.0030	2200	2199	1	0.0040	2300	2302	1	0.0050
2400	2402	1	0.0020	2500	2504	1	0.0100	2600	2600	1	0.0020
2700	2700	1	0.0060	2900	2900	1	0.0040				

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 ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

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BENTHIC GEOCHEMISTRY

SEDIMENT HYDROCARBON

SEDIMENT HYDROCARBON

PROJECT	TASK	GEAR	SITE	LOCATION	SUB	SAMPLE	REP
CODE	CODE	CODE		X Y Z	NUM	CODE	
6	33	41	1	2 24 3	10	138	9

AMOUNT ANALYZED	174.000 G	HEPTANE FRACTION (F0)	HEPTANE FRACTION (F1)	BENZENE FRACTION (F2)	
WET WEIGHT	196.000 G	-----			
TOTAL EXTRACTABLE	39.800 MG/G	TOTAL	0.0 MG/G	4.430 MG/G	0.980 MG/G
TOTAL NONSAPONIFIABLE	0.0 MG/G	GC RESOLVED	0.0	0.380	0.110
TOT NONSAP / TOT EXTR	0.0	GC UNRESOLVED	0.0	0.0	0.0
TOT FRACT / TOT NONSAP	0.140	FRACTION / NONSAP	0.0	0.110	0.020
LOW WT / HIGH WT	1.220	GAS CHROM / TOTAL	0.0	0.090	0.110
ODD LOW / EVEN LOW	0.920	RESOLVED / GAS CHROM	0.0	1.000	1.000
ODD HIGH / EVEN HIGH	0.810	DETERMINED / RESOLVED	0.0	0.380	0.0
PRISTANE / PHYTANE	1.130				
PRISTANE / C17	0.500				
PHYTANE / C18	0.530				
C17 / C18	1.200				

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COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT ( MG/G )	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT ( MG/G )	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT ( MG/G )
1400	1397	1	0.0040	1500	1499	1	0.0040	1600	1597	1	0.0050
1700	1696	1	0.0180	1701	1710	1	0.0090	1800	1796	1	0.0150
1801	1809	1	0.0080	1900	1898	1	0.0090	2000	1996	1	0.0130
2100	2098	1	0.0030	2200	2199	1	0.0060	2300	2302	1	0.0080
2400	2401	1	0.0050	2500	2507	1	0.0070	2600	2599	1	0.0060
2700	2700	1	0.0040	2800	2800	1	0.0050	2900	2900	1	0.0030
3000	3004	1	0.0050	3100	3104	1	0.0040	3200	3212	1	0.0050

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ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

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BENTHIC GEOCHEMISTRY

SEDIMENT HYDROCARBON

SEDIMENT HYDROCARBON

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION X Y Z	SUB NUM	SAMPLE CODE	REP
6	33	41	1	2 25 3	10	143	9

AMOUNT ANALYZED	165.000 G			HEPTANE FRACTION (F0)	HEPTANE FRACTION (F1)	BENZENE FRACTION (F2)			
WET WEIGHT	216.000 G								
TOTAL EXTRACTABLE	43.500	MG/G	TOTAL	0.0	MG/G	0.430	MG/G	1.460	MG/G
TOTAL NONSAPONIFIABLE	0.0	MG/G	GC RESOLVED	0.0		0.240		0.130	
TOT NONSAP / TOT EXTR	0.0		GC UNRESOLVED	0.0		0.0		0.0	
TOT FRACT / TOT NONSAP	0.0		FRACTION / NONSAP	0.0		0.010		0.030	
LOW WT / HIGH WT	1.170		GAS CHROM / TOTAL	0.0		0.560		0.090	
ODD LOW / EVEN LOW	1.100		RESOLVED / GAS CHROM	0.0		1.000		1.000	
ODD HIGH/ EVEN HIGH	1.000		DETERMINED / RESOLVED	0.0		0.850		0.0	
PRISTANE / PHYTANE	1.250								
PRISTANE / C17	0.420								
PHYTANE / C18	0.400								
C17 / C18	1.200								

COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)
1400	1397	1	0.0020	1500	1499	1	0.0030	1600	1597	1	0.0040
1700	1698	1	0.0120	1701	1710	1	0.0050	1800	1797	1	0.0100
1801	1809	1	0.0040	1900	1898	1	0.0050	2000	1996	1	0.0040
2100	2098	1	0.0020	2200	2199	1	0.0020	2300	2313	1	0.0020
2400	2402	1	0.0040	2500	2504	1	0.0070	2600	2600	1	0.0040
2700	2700	1	0.0030	2800	2799	1	0.0020	2900	2900	1	0.0030
3000	3004	1	0.0020	3100	3104	1	0.0030	3200	3212	1	0.0040

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 ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

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BENTHIC GEOCHEMISTRY

SEDIMENT HYDROCARBON

SEDIMENT HYDROCARBON

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION X Y Z	SUB NUM	SAMPLE CODE	REP
6	33	41	1	2 26 3	10	148	9

AMOUNT ANALYZED	184.000 G			HEPTANE FRACTION (F0)	HEPTANE FRACTION (F1)	BENZENE FRACTION (F2)	
WET WEIGHT	204.000 G						
TOTAL EXTRACTABLE	23.300 MG/G	TOTAL	0.0	MG/G	2.720	MG/G	0.650 MG/G
TOTAL NONSAPONIFIABLE	0.0 MG/G	GC RESOLVED	0.0		0.220		0.060
TOT NONSAP / TOT EXTR	0.0	GC UNRESOLVED	0.0		0.0		0.0
TOT FRACT / TOT NONSAP	0.140	FRACTION / NONSAP	0.0		0.120		0.030
LOW WT / HIGH WT	2.050	GAS CHROM / TOTAL	0.0		0.080		0.090
ODD LOW / EVEN LOW	1.500	RESOLVED / GAS CHROM	0.0		1.000		1.000
ODD HIGH / EVEN HIGH	0.830	DETERMINED / RESOLVED	0.0		0.320		0.0
PRISTANE / PHYTANE	1.000						
PRISTANE / C17	0.150						
PHYTANE / C18	0.330						
C17 / C18	2.170						

COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)
1400	1401	1	0.0030	1500	1505	1	0.0080	1600	1603	1	0.0070
1700	1704	1	0.0130	1701	1716	1	0.0020	1800	1798	1	0.0060
1801	1810	1	0.0020	1900	1893	1	0.0040	2000	2000	1	0.0020
2100	2100	1	0.0020	2200	2200	1	0.0010	2300	2305	1	0.0010
2400	2402	1	0.0010	2500	2549	1	0.0010	2600	2602	1	0.0010
2700	2679	1	0.0020	2800	2774	1	0.0020	2900	2889	1	0.0030
3000	3001	1	0.0030	3100	3095	0	0.0030	3200	3202	0	0.0040

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 ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

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SEDIMENT HYDROCARBON

SEDIMENT HYDROCARBON

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION X Y Z	SUB NUM	SAMPLE CODE	REP
6	33	41	1	2 37 3	10	153	9

AMOUNT ANALYZED	182.000 G	HEPTANE FRACTION (F0)		HEPTANE FRACTION (F1)		BENZENE FRACTION (F2)	
WET WEIGHT	251.000 G	-----		-----		-----	
TOTAL EXTRACTABLE	45.100 MG/G	TOTAL	0.0	MG/G	0.720	MG/G	3.850 MG/G
TOTAL NONSAPONIFIABLE	0.0 MG/G	GC RESOLVED	0.0		0.230		0.400
TOT NONSAP / TOT EXTR	0.0	GC UNRESOLVED	0.0		0.0		0.0
TOT FRACT / TOT NONSAP	0.100	FRACTION / NONSAP	0.0		0.020		0.080
LOW WT / HIGH WT	0.640	GAS CHROM / TOTAL	0.0		0.320		0.100
ODD LOW / EVEN LOW	1.250	RESOLVED / GAS CHROM	0.0		1.000		1.000
ODD HIGH / EVEN HIGH	0.560	DETERMINED / RESOLVED	0.0		0.210		0.0
PRISTANE / PHYTANE	0.0						
PRISTANE / C17	1.000						
PHYTANE / C18	0.0						
C17 / C18	1.000						

COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)
1400	1398	1	0.0010	1500	1502	1	0.0030	1600	1601	1	0.0020
1700	1700	1	0.0030	1701	1707	1	0.0030	1800	1795	1	0.0030
1900	1890	1	0.0020	2000	1997	1	0.0020	2100	2097	1	0.0020
2200	2197	1	0.0020	2300	2302	1	0.0040	2400	2398	1	0.0020
2600	2601	1	0.0020	2700	2677	1	0.0060	2800	2786	1	0.0120

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 ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

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BENTHIC GEOCHEMISTRY

SEDIMENT HYDROCARBON

SEDIMENT HYDROCARBON

PROJECT	TASK	GEAR	SITE	LOCATION	SUB	SAMPLE	REP
CODE	CODE	CODE		X Y Z	NUM	CODE	
6	33	41	1	5 11 3	10	208	9

AMOUNT ANALYZED	155.000 G			HEPTANE FRACTION (F0)	HEPTANE FRACTION (F1)	BENZENE FRACTION (F2)	
WET WEIGHT	210.000 G						
TOTAL EXTRACTABLE	289.000	MG/G	TOTAL	0.0	MG/G 44.600	MG/G 7.300	MG/G
TOTAL NONSAPONIFIABLE	0.0	MG/G	GC RESOLVED	0.0	1.500	0.940	
TOT NONSAP / TOT EXTR	0.0		GC UNRESOLVED	0.0	0.0	0.0	
TOT FRACT / TOT NONSAP	0.0		FRACTION / NONSAP	0.0	0.0	0.0	
LOW WT / HIGH WT	0.0		GAS CHROM / TOTAL	0.0	0.0	0.0	
ODD LOW / EVEN LOW	2.230		RESOLVED / GAS CHROM	0.0	0.0	1.000	
ODD HIGH/ EVEN HIGH	0.0		DETERMINED / RESOLVED	0.0	0.0	0.0	
PRISTANE / PHYTANE	1.000						
PRISTANE / C17	0.430						
PHYTANE / C18	0.500						
C17 / C18	1.170						

COMPOUND	RETENTION	FRACTION	AMOUNT	COMPOUND	RETENTION	FRACTION	AMOUNT	COMPOUND	RETENTION	FRACTION	AMOUNT
ID NUM	INDEX		( MG/G )	ID NUM	INDEX		( MG/G )	ID NUM	INDEX		( MG/G )
1400	1398	1	0.0010	1500	1499	1	0.0050	1600	1597	1	0.0020
1700	1697	1	0.0070	1701	1707	1	0.0030	1800	1798	1	0.0060
1801	1811	1	0.0030	1900	1898	1	0.0060	2000	1994	1	0.0040
2100	2095	1	0.0110	2200	2193	1	0.0130	2300	2296	1	0.0270
2400	2395	1	0.0360	2500	2504	1	0.0120	2700	2694	1	0.0610
2800	2804	1	0.0130	3100	3098	1	0.1070				

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BENTHIC GEOCHEMISTRY

SEDIMENT HYDROCARBON

SEDIMENT HYDROCARBON

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION			SUB NUM	SAMPLE CODE	REP
6	33	41	1	X	Y	Z	10	213	9

AMOUNT ANALYZED		172.000 G		HEPTANE FRACTION (F0)		HEPTANE FRACTION (F1)		BENZENE FRACTION (F2)	
WET WEIGHT		211.000 G							
TOTAL EXTRACTABLE	27.900	MG/G	TOTAL	0.0	MG/G	1.280	MG/G	0.470	MG/G
TOTAL NONSAPONIFIABLE	0.0	MG/G	GC RESOLVED	0.0		0.310		0.100	
TOT NONSAP / TOT EXTR	0.0		GC UNRESOLVED	0.0		0.0		0.0	
TOT FRACT / TOT NONSAP	0.060		FRACTION / NONSAP	0.0		0.050		0.020	
LOW WT / HIGH WT	0.920		GAS CHROM / TOTAL	0.0		0.240		0.210	
ODD LOW / EVEN LOW	0.810		RESOLVED / GAS CHROM	0.0		1.000		1.000	
ODD HIGH / EVEN HIGH	0.590		DETERMINED / RESOLVED	0.0		0.350		0.0	
PRISTANE / PHYTANE	1.500								
PRISTANE / C17	0.670								
PHYTANE / C18	0.360								
C17 / C18	0.820								

COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)
1400	1397	1	0.0030	1500	1499	1	0.0020	1600	1597	1	0.0100
1700	1698	1	0.0090	1701	1710	1	0.0060	1800	1796	1	0.0110
1801	1809	1	0.0040	1900	1898	1	0.0050	2000	1996	1	0.0020
2100	2099	1	0.0050	2200	2199	1	0.0030	2300	2313	1	0.0010
2400	2402	1	0.0020	2500	2510	1	0.0060	2600	2600	1	0.0130
2700	2700	1	0.0010	2800	2799	1	0.0020	2900	2901	1	0.0040
3000	3005	1	0.0060	3100	3104	1	0.0070	3200	3199	1	0.0060

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BENTHIC GEOCHEMISTRY

SEDIMENT HYDROCARBON

SEDIMENT HYDROCARBON

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION X Y Z	SUB NUM	SAMPLE CODE	REP
6	33	41	1	5 23 3	10	219	9

AMOUNT ANALYZED	184.000 G			HEPTANE FRACTION (F0)	HEPTANE FRACTION (F1)	BENZENE FRACTION (F2)	
WET WEIGHT	216.000 G						
TOTAL EXTRACTABLE	45.100 MG/G	TOTAL	0.0	MG/G	0.160	MG/G	0.490 MG/G
TOTAL NONSAPONIFIABLE	0.0 MG/G	GC RESOLVED	0.0		0.160		0.090
TOT NONSAP / TOT EXTR	0.0	GC UNRESOLVED	0.0		0.0		0.0
TOT FRACT / TOT NONSAP	0.014	FRACTION / NONSAP	0.0		0.004		0.011
LOW WT / HIGH WT	1.880	GAS CHROM / TOTAL	0.0		1.000		0.180
ODD LOW / EVEN LOW	1.330	RESOLVED / GAS CHROM	0.0		1.000		1.000
ODD HIGH / EVEN HIGH	0.630	DETERMINED / RESOLVED	0.0		0.540		0.0
PRISTANE / PHYTANE	2.670						
PRISTANE / C17	0.570						
PHYTANE / C18	0.300						
C17 / C18	1.400						

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COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)
1400	1395	1	0.0030	1500	1497	1	0.0070	1600	1597	1	0.0050
1700	1697	1	0.0140	1701	1710	1	0.0080	1800	1796	1	0.0100
1801	1809	1	0.0030	1900	1897	1	0.0050	2000	1995	1	0.0030
2100	2097	1	0.0020	2200	2198	1	0.0020	2300	2301	1	0.0020
2400	2401	1	0.0020	2500	2503	1	0.0020	2600	2599	1	0.0020
2800	2797	1	0.0020	2900	2899	1	0.0030	3000	3004	1	0.0040
3100	3104	1	0.0030	3200	3199	1	0.0040				

NOTE: A NEGATIVE VALUE IS BELOW THE LIMIT OF DETECTION.  
 ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC GEOCHEMISTRY

SEDIMENT HYDROCARBON

SEDIMENT HYDROCARBON

PROJECT	TASK	GEAR	SITE	LOCATION	SUB	SAMPLE	REP
CODE	CODE	CODE		X Y Z	NUM	CODE	
6	33	41	1	5 24 3	10	223	9

AMOUNT ANALYZED	158.000 G			HEPTANE	HEPTANE	BENZENE			
				FRACTION (F0)	FRACTION (F1)	FRACTION (F2)			
TOTAL EXTRACTABLE	43.300	MG/G							
TOTAL NONSAPONIFIABLE	0.0	MG/G	TOTAL	0.0	MG/G	1.010	MG/G	0.760	MG/G
TOT NONSAP / TOT EXTR	0.0		GC RESOLVED	0.0		0.290		0.600	
TOT FRACT / TOT NONSAP	0.040		GC UNRESOLVED	0.0		0.0		0.0	
LOW WT / HIGH WT	2.100		FRACTION / NONSAP	0.0		0.020		0.020	
ODD LOW / EVEN LOW	1.930		GAS CHROM / TOTAL	0.0		0.290		0.790	
ODD HIGH / EVEN HIGH	0.820		RESOLVED / GAS CHROM	0.0		1.000		1.000	
PRISTANE / PHYTANE	1.400		DETERMINED / RESOLVED	0.0		0.790		0.0	
PRISTANE / C17	0.430								
PHYTANE / C18	0.830								
C17 / C18	2.660								

COMPOUND	RETENTION	FRACTION	AMOUNT	COMPOUND	RETENTION	FRACTION	AMOUNT	COMPOUND	RETENTION	FRACTION	AMOUNT
ID NUM	INDEX		( MG/G )	ID NUM	INDEX		( MG/G )	ID NUM	INDEX		( MG/G )
1400	1401	1	0.0020	1500	1506	1	0.0050	1600	1605	1	0.0040
1700	1705	1	0.0160	1701	1717	1	0.0070	1800	1799	1	0.0060
1801	1811	1	0.0050	1900	1895	1	0.0040	2000	2002	1	0.0020
2100	2102	1	0.0020	2200	2202	1	0.0010	2300	2307	1	0.0010
2400	2404	1	0.0010	2500	2550	1	0.0020	2600	2604	1	0.0010
2700	2681	1	0.0020	2800	2778	1	0.0020	2900	2890	1	0.0020
3000	3001	1	0.0010	3100	3095	1	0.0020	3200	3218	1	0.0050

NOTE: A NEGATIVE VALUE IS BELOW THE LIMIT OF DETECTION.  
ASTERISKS INDICATE A PARAMETER THAT WAS MISSED.

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BENTHIC GEOCHEMISTRY

SEDIMENT HYDROCARBON

SEDIMENT HYDROCARBON

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION			SUB NUM	SAMPLE CODE	REP
				X	Y	Z			
6	33	41	1	5	25	3	10	228	9

AMOUNT ANALYZED		172.000 G		HEPTANE FRACTION (F0)		HEPTANE FRACTION (F1)		BENZENE FRACTION (F2)	
WET WEIGHT		216.000 G		-----		-----		-----	
TOTAL EXTRACTABLE	54.700	MG/G	TOTAL	0.0	MG/G	0.350	MG/G	1.740	MG/G
TOTAL NONSAPONIFIABLE	0.0	MG/G	GC RESOLVED	0.0		0.150		0.080	
TOT NONSAP / TOT EXTR	0.0		GC UNRESOLVED	0.0		0.0		0.0	
TOT FRACT / TOT NONSAP	0.040		FRACTION / NONSAP	0.0		0.010		0.030	
LOW WT / HIGH WT	2.560		GAS CHROM / TOTAL	0.0		0.430		0.050	
ODD LOW / EVEN LOW	1.270		RESOLVED / GAS CHROM	0.0		1.000		1.000	
ODD HIGH / EVEN HIGH	1.220		DETERMINED / RESOLVED	0.0		0.360		0.0	
PRISTANE / PHYTANE	1.330								
PRISTANE / C17	0.400								
PHYTANE / C18	0.430								
C17 / C18	1.430								

COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)
1400	1398	1	0.0030	1500	1501	1	0.0040	1600	1600	1	0.0030
1700	1700	1	0.0100	1701	1713	1	0.0040	1800	1800	1	0.0070
1801	1813	1	0.0030	1900	1902	1	0.0030	2000	1999	1	0.0020
2100	2101	1	0.0020	2200	2202	1	0.0010	2300	2309	1	0.0003
2400	2405	1	0.0010	2500	2508	1	0.0020	2600	2604	1	0.0020
2700	2704	1	0.0010	2800	2800	1	0.0010	2900	2901	1	0.0020
3000	3005	1	0.0010	3100	3104	1	0.0020				

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SEDIMENT HYDROCARBON

SEDIMENT HYDROCARBON

PROJECT	TASK	GEAR	SITE	LOCATION	SUB	SAMPLE	REP
CODE	CODE	CODE		X Y Z	NUM	CODE	
6	33	41	1	5 26 3	10	232	9

AMOUNT ANALYZED	184.000 G	HEPTANE FRACTION (F0)	HEPTANE FRACTION (F1)	BENZENE FRACTION (F2)
WET WEIGHT	213.000 G	-----		
TOTAL EXTRACTABLE	59.700 MG/G	TOTAL	0.0 MG/G	10.600 MG/G
TOTAL NONSAPONIFIABLE	0.0 MG/G	GC RESOLVED	0.0	0.310
TOT NONSAP / TOT EXTR	0.0	GC UNRESOLVED	0.0	0.0
TOT FRACT / TOT NONSAP	0.300	FRACTION / NONSAP	0.0	0.180
LOW WT / HIGH WT	1.000	GAS CHROM / TOTAL	0.0	0.030
ODD LOW / EVEN LOW	0.930	RESOLVED / GAS CHROM	0.0	1.000
ODD HIGH/ EVEN HIGH	1.740	DETERMINED / RESOLVED	0.0	0.370
PRISTANE / PHYTANE	1.500			0.0
PRISTANE / C17	0.500			
PHYTANE / C18	0.400			
C17 / C18	1.200			

COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)
1400	1397	1	0.0040	1500	1499	1	0.0050	1600	1597	1	0.0080
1700	1698	1	0.0120	1701	1707	1	0.0060	1800	1797	1	0.0100
1801	1809	1	0.0040	1900	1902	1	0.0050	2000	1997	1	0.0050
2100	2098	1	0.0030	2200	2199	1	0.0020	2300	2303	1	0.0040
2400	2402	1	0.0030	2500	2517	1	0.0150	2600	2600	1	0.0060
2700	2702	1	0.0040	2800	2799	1	0.0010	2900	2900	1	0.0050
3000	3005	1	0.0030	3100	3104	1	0.0050	3200	3212	1	0.0040

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BENTHIC GEOCHEMISTRY

SEDIMENT HYDROCARBON

SEDIMENT HYDROCARBON

PROJECT	TASK	GEAR	SITE	LOCATION	SUB	SAMPLE	REP
CODE	CODE	CODE		X Y Z	NUM	CODE	
6	33	41	1	5 27 3	10	236	9

AMOUNT ANALYZED	165.000 G	HEPTANE FRACTION (F0)	HEPTANE FRACTION (F1)	BENZENE FRACTION (F2)	
WET WEIGHT	999.000 G	-----			
TOTAL EXTRACTABLE	39.000 MG/G	TOTAL	0.0 MG/G	6.200 MG/G	4.560 MG/G
TOTAL NONSAPONIFIABLE	0.0 MG/G	GC RESOLVED	0.0	0.480	0.120
TOT NONSAP / TOT EXTR	0.0	GC UNRESOLVED	0.0	0.0	0.0
TOT FRACT / TOT NONSAP	0.280	FRACTION / NONSAP	0.0	0.160	0.120
LOW WT / HIGH WT	0.210	GAS CHROM / TOTAL	0.0	0.080	0.030
ODD LOW / EVEN LOW	0.950	RESOLVED / GAS CHROM	0.0	1.000	1.000
ODD HIGH/ EVEN HIGH	0.890	DETERMINED / RESOLVED	0.0	0.450	0.0
PRISTANE / PHYTANE	0.0				
PRISTANE / C17	0.0				
PHYTANE / C18	0.0				
C17 / C18	0.670				

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COMPOUND	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND	RETENTION INDEX	FRACTION	AMOUNT (MG/G)
1400	1398	1	0.0030	1500	1499	1	0.0060	1600	1598	1	0.0040
1700	1698	1	0.0080	1800	1799	1	0.0120	2100	2094	1	0.0040
2200	2193	1	0.0070	2300	2296	1	0.0120	2400	2395	1	0.0200
2500	2496	1	0.0250	2600	2599	1	0.0190	2700	2694	1	0.0160
2800	2791	1	0.0190	2900	2891	1	0.0140	3000	2995	1	0.0270
3100	3098	1	0.0150								

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SEDIMENT HYDROCARBON

SEDIMENT HYDROCARBON

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION X Y Z	SUB NUM	SAMPLE CODE	REP
6	33	41	1	5 38 3	10	241	9

AMOUNT ANALYZED		152.000 G		HEPTANE FRACTION (F0)		HEPTANE FRACTION (F1)		BENZENE FRACTION (F2)	
WET WEIGHT		205.000 G							
TOTAL EXTRACTABLE	66.400	MG/G	TOTAL	0.0	MG/G	1.250	MG/G	3.960	MG/G
TOTAL NONSAPONIFIABLE	0.0	MG/G	GC RESOLVED	0.0		0.350		1.580	
TOT NONSAP / TOT EXTR	0.0		GC UNRESOLVED	0.0		0.0		0.0	
TOT FRACT / TOT NONSAP	0.080		FRACTION / NONSAP	0.0		0.020		0.060	
LOW WT / HIGH WT	0.410		GAS CHROM / TOTAL	0.0		0.280		0.400	
ODD LOW / EVEN LOW	1.170		RESOLVED / GAS CHROM	0.0		1.000		1.000	
ODD HIGH / EVEN HIGH	0.780		DETERMINED / RESOLVED	0.0		0.270		0.0	
PRISTANE / PHYTANE	1.500								
PRISTANE / C17	0.600								
PHYTANE / C18	0.400								
C17 / C18	1.000								

COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)
1400	1401	1	0.0020	1500	1505	1	0.0030	1600	1603	1	0.0030
1700	1704	1	0.0050	1701	1713	1	0.0030	1800	1798	1	0.0050
1801	1810	1	0.0020	1900	1894	1	0.0030	2000	2001	1	0.0020
2100	2101	1	0.0030	2200	2200	1	0.0030	2300	2305	1	0.0030
2400	2403	1	0.0020	2600	2604	1	0.0010	2700	2679	1	0.0030
2800	2789	1	0.0050	2900	2889	1	0.0120	3000	3001	1	0.0080
3100	3095	1	0.0100	3200	3218	1	0.0170				

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SEDIMENT HYDROCARBON

SEDIMENT HYDROCARBON

PROJECT	TASK	GEAR	SITE	LOCATION	SUB	SAMPLE	REP
CODE	CODE	CODE		X Y Z	NUM	CODE	
6	33	41	1	7 24 3	10	288	9

AMOUNT ANALYZED	174.000 G			HEPTANE FRACTION (F0)		HEPTANE FRACTION (F1)		BENZENE FRACTION (F2)	
WET WEIGHT	219.000 G								
TOTAL EXTRACTABLE	104.000	MG/G	TOTAL	0.0	MG/G	14.400	MG/G	1.780	MG/G
TOTAL NONSAPONIFIABLE	0.0	MG/G	GC RESOLVED	0.0		0.440		0.270	
TOT NONSAP / TOT EXTR	0.0		GC UNRESOLVED	0.0		0.0		0.0	
TOT FRACT / TOT NONSAP	0.0		FRACTION / NONSAP	0.0		0.140		0.020	
LOW WT / HIGH WT	0.850		GAS CHROM / TOTAL	0.0		0.030		0.160	
ODD LOW / EVEN LOW	0.0		RESOLVED / GAS CHROM	0.0		1.000		0.0	
ODD HIGH/ EVEN HIGH	0.0		DETERMINED / RESOLVED	0.0		0.370		0.0	
PRISTANE / PHYTANE	3.000								
PRISTANE / C17	0.560								
PHYTANE / C18	0.230								
C17 / C18	1.230								

COMPOUND	RETENTION	FRACTION	AMOUNT	COMPOUND	RETENTION	FRACTION	AMOUNT	COMPOUND	RETENTION	FRACTION	AMOUNT
ID NUM	INDEX		( MG/G )	ID NUM	INDEX		( MG/G )	ID NUM	INDEX		( MG/G )
1400	1397	1	0.0060	1500	1499	1	0.0070	1600	1597	1	0.0080
1700	1698	1	0.0160	1701	1711	1	0.0090	1800	1797	1	0.0130
1801	1809	1	0.0030	1900	1902	1	0.0090	2000	1997	1	0.0080
2100	2099	1	0.0030	2200	2199	1	0.0050	2300	2352	1	0.0030
2400	2402	1	0.0020	2500	2504	1	0.0160	2600	2600	1	0.0050
2700	2700	1	0.0090	2800	2799	1	0.0030	2900	2901	1	0.0120
3000	3004	1	0.0060	3100	3104	1	0.0110	3200	3212	1	0.0100

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BENTHIC GEOCHEMISTRY

SEDIMENT HYDROCARBON

SEDIMENT HYDROCARBON

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION X Y Z	SUB NUM	SAMPLE CODE	REP
6	33	41	1	7 35 3	10	292	9

AMOUNT ANALYZED	110.000 G			HEPTANE FRACTION (F0)	HEPTANE FRACTION (F1)	BENZENE FRACTION (F2)			
WET WEIGHT	227.000 G								
TOTAL EXTRACTABLE	182.000	MG/G	TOTAL	0.0	MG/G	24.900	MG/G	10.600	MG/G
TOTAL NONSAPONIFIABLE	0.0	MG/G	GC RESOLVED	0.0		0.900		0.860	
TOT NONSAP / TOT EXTR	0.0		GC UNRESOLVED	0.0		0.0		0.0	
TOT FRACT / TOT NONSAP	0.200		FRACTION / NONSAP	0.0		0.0		0.0	
LOW WT / HIGH WT	0.140		GAS CHROM / TOTAL	0.0		0.0		0.0	
ODD LOW / EVEN LOW	1.820		RESOLVED / GAS CHROM	0.0		0.0		1.000	
ODD HIGH / EVEN HIGH	2.580		DETERMINED / RESOLVED	0.0		0.0		0.0	
PRISTANE / PHYTANE	0.0								
PRISTANE / C17	0.0								
PHYTANE / C18	0.0								
C17 / C18	1.170								

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COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)
1400	1398	1	0.0040	1500	1502	1	0.0090	1600	1605	1	0.0040
1700	1700	1	0.0070	1701	1706	1	0.1010	1800	1796	1	0.0060
1900	1892	1	0.0070	2000	1998	1	0.0030	2100	2099	1	0.0080
2200	2198	1	0.0040	2300	2303	1	0.0110	2400	2399	1	0.0050
2500	2549	1	0.0110	2600	2602	1	0.0060	2700	2679	1	0.0240
2800	2799	1	0.0040	2900	2890	1	0.1060	3000	3004	1	0.0520
3100	3095	1	0.0880	3200	3202	1	0.0220				

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BENTHIC GEOCHEMISTRY

SEDIMENT HYDROCARBON

SEDIMENT HYDROCARBON

PROJECT CODE	TASK CODE	GEAR CODE	SITE	LOCATION X Y Z	SUB NUM	SAMPLE CODE	REP
6	33	41	1	7 36 3	10	297	9

AMOUNT ANALYZED	120.000 G			HEPTANE FRACTION (F0)	HEPTANE FRACTION (F1)	BENZENE FRACTION (F2)	
WET WEIGHT	233.000 G						
TOTAL EXTRACTABLE	227.000 MG/G	TOTAL	0.0	MG/G	27.700	MG/G	0.500 MG/G
TOTAL NONSAPONIFIABLE	0.0 MG/G	GC RESOLVED	0.0		0.420		0.200
TOT NONSAP / TOT EXTR	0.0	GC UNRESOLVED	0.0		0.0		0.0
TOT FRACT / TOT NONSAP	0.0	FRACTION / NONSAP	0.0		0.120		0.002
LOW WT / HIGH WT	0.390	GAS CHROM / TOTAL	0.0		0.020		0.400
ODD LOW / EVEN LOW	0.970	RESOLVED / GAS CHROM	0.0		1.000		1.000
ODD HIGH / EVEN HIGH	1.890	DETERMINED / RESOLVED	0.0		0.520		0.0
PRISTANE / PHYTANE	4.000						
PRISTANE / C17	0.620						
PHYTANE / C18	0.170						
C17 / C18	1.080						

COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)	COMPOUND ID NUM	RETENTION INDEX	FRACTION	AMOUNT (MG/G)
1400	1397	1	0.0070	1500	1499	1	0.0060	1600	1597	1	0.0060
1700	1698	1	0.0130	1701	1706	1	0.0080	1800	1796	1	0.0120
1801	1809	1	0.0020	1900	1898	1	0.0060	2000	1996	1	0.0050
2100	2098	1	0.0040	2200	2199	1	0.0050	2300	2302	1	0.0090
2400	2402	1	0.0090	2500	2504	1	0.0130	2600	2600	1	0.0080
2700	2702	1	0.0210	2800	2799	1	0.0070	2900	2901	1	0.0290
3000	3005	1	0.0170	3100	3107	1	0.0280	3200	3199	1	0.0070

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SECTION VI  
MEIOINFAUNA TASK

FIELD DATA

## BLM OCS/SABP

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## IN-SITU FIELD DATA SUMMARY

## BENTHIC MICROINFAUNA

PROJECT CODE	TASK CODE	GEAR CODE	SITE
06	01	43	1

SAMPLE ID CODE	X REP	Y	Z	DATE	TIME (2400)	LATITUDE			LONGITUDE			WATER DPTH C	SAMPLE DPTH C	WATER TEMP	SALN	D.O.	BOTTOM TYPE	GEAR END	FLOWMETER START CAL			
						DG	MN	SEC	N/S	DEG	MN									SEC	E/W	
0101	1	01	11	3	02/09/77	1630	33	49	39.05	1	78	23	09.88	2	9.9	1	9.9	1	4.62	34.6	11.8	20
0101	2	01	11	3	02/09/77	1630	33	49	39.05	1	78	23	09.88	2	9.9	1	9.9	1	4.62	34.6	11.8	20
0101	3	01	11	3	02/09/77	1630	33	49	39.05	1	78	23	09.88	2	9.9	1	9.9	1	4.62	34.6	11.8	20
0105	1	01	12	3	02/09/77	2137	33	46	58.86	1	78	20	19.05	2	15.0	1	15.0	1	5.00	34.8	11.6	20
0105	2	01	12	3	02/09/77	2137	33	46	58.86	1	78	20	19.05	2	15.0	1	15.0	1	5.00	34.8	11.6	20
0105	3	01	12	3	02/09/77	2137	33	46	58.86	1	78	20	19.05	2	15.0	1	15.0	1	5.00	34.8	11.6	20
0122	1	01	23	3	02/11/77	1743	33	35	00.45	1	78	03	58.23	2	19.0	1	19.0	1	17.79	34.9	9.9	56
0122	2	01	23	3	02/11/77	1743	33	35	00.45	1	78	03	58.23	2	19.0	1	19.0	1	17.79	34.9	9.9	56
0122	3	01	23	3	02/11/77	1743	33	35	00.45	1	78	03	58.23	2	19.0	1	19.0	1	17.79	34.9	9.9	56
0117	1	01	24	3	02/11/77	0922	33	20	10.40	1	77	44	58.69	2	28.0	1	28.0	1	14.57	36.2	8.0	20
0117	2	01	24	3	02/11/77	0922	33	20	10.40	1	77	44	58.69	2	28.0	1	28.0	1	14.57	36.2	8.0	20
0117	3	01	24	3	02/11/77	0922	33	20	10.40	1	77	44	58.69	2	28.0	1	28.0	1	14.57	36.2	8.0	20
0113	1	01	25	3	02/10/77	2254	33	12	03.55	1	77	35	09.82	2	44.0	1	44.0	1	15.00	36.3	7.6	20
0113	2	01	25	3	02/10/77	2254	33	12	03.55	1	77	35	09.82	2	44.0	1	44.0	1	15.00	36.3	7.6	20
0113	3	01	25	3	02/10/77	2254	33	12	03.55	1	77	35	09.82	2	44.0	1	44.0	1	15.00	36.3	7.6	20
0109	1	01	36	3	02/10/77	1306	33	00	57.62	1	77	20	11.59	2	317.5	1	317.5	1	7.95	35.1	5.2	56
0109	2	01	36	3	02/10/77	1306	33	00	57.62	1	77	20	11.59	2	317.5	1	317.5	1	7.95	35.1	5.2	56
0109	3	01	36	3	02/10/77	1306	33	00	57.62	1	77	20	11.59	2	317.5	1	317.5	1	7.95	35.1	5.2	56
0126	1	02	11	3	02/12/77	0919	32	57	00.00	1	79	17	00.00	2	12.5	1	12.5	1	7.77	33.5	10.4	30
0126	2	02	11	3	02/12/77	0919	32	57	00.00	1	79	17	00.00	2	12.5	1	12.5	1	7.77	33.5	10.4	30
0126	3	02	11	3	02/12/77	0919	32	57	00.00	1	79	17	00.00	2	12.5	1	12.5	1	7.77	33.5	10.4	30
0126	1	02	11	3	02/12/77	0919	32	57	00.00	1	79	17	00.00	2	12.5	1	12.5	1	7.77	33.5	10.4	30
0130	1	02	12	3	02/12/77	2139	32	54	00.17	1	79	11	59.71	2	16.0	1	16.0	1	8.94	34.8	10.1	55
0130	2	02	12	3	02/12/77	2139	32	54	00.17	1	79	11	59.71	2	16.0	1	16.0	1	8.94	34.8	10.1	55
0130	3	02	12	3	02/12/77	2139	32	54	00.17	1	79	11	59.71	2	16.0	1	16.0	1	8.94	34.8	10.1	55
0135	1	02	23	3	02/13/77	0954	32	50	01.58	1	79	03	57.81	2	22.5	1	22.5	1	9.57	35.3	10.3	20
0135	2	02	23	3	02/13/77	0954	32	50	01.58	1	79	03	57.81	2	22.5	1	22.5	1	9.57	35.3	10.3	20
0135	3	02	23	3	02/13/77	0954	32	50	01.58	1	79	03	57.81	2	22.5	1	22.5	1	9.57	35.3	10.3	20
0139	1	02	24	3	02/13/77	2009	32	44	54.23	1	78	55	57.02	2	30.0	1	30.0	1	10.42	35.5	10.3	55
0139	2	02	24	3	02/13/77	2009	32	44	54.23	1	78	55	57.02	2	30.0	1	30.0	1	10.42	35.5	10.3	55
0139	3	02	24	3	02/13/77	2009	32	44	54.23	1	78	55	57.02	2	30.0	1	30.0	1	10.42	35.5	10.3	55
0144	1	02	25	3	02/14/77	1019	32	39	58.77	1	78	47	01.03	2	36.0	1	36.0	1	12.66	35.9	7.8	20
0144	2	02	25	3	02/14/77	1019	32	39	58.77	1	78	47	01.03	2	36.0	1	36.0	1	12.66	35.9	7.8	20
0144	3	02	25	3	02/14/77	1019	32	39	58.77	1	78	47	01.03	2	36.0	1	36.0	1	12.66	35.9	7.8	20

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## BLM OCS/SABP

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## IN-SITU FIELD DATA SUMMARY

## BENTHIC MICROINFAUNA

SAMPLE ID CODE	X REP	Y	Z	DATE	TIME (2400)	LATITUDE			LONGITUDE			WATER		SAMPLE WATER		SALN	D.O.	BOTTOM TYPE	GEAR END	FLOWMETER START CAL		
						DG	MN	SEC	N/S	DEG	MN	SEC	E/W	DPTH	C						DPTH	C
0149	1	02	26	3	02/14/77	1729	32	36	02.43	1	78	38	58.87	2	44.0	1	44.0	0	13.86	36.0	7.5	55
0149	2	02	26	3	02/14/77	1729	32	36	02.43	1	78	38	58.87	2	44.0	1	44.0	0	13.86	36.0	7.5	55
0149	3	02	26	3	02/14/77	1729	32	36	02.43	1	78	38	58.87	2	44.0	1	44.0	0	13.86	36.0	7.5	55
0154	1	02	37	3	02/15/77	0708	32	29	58.60	1	78	28	58.78	2	21.8	2	21.8	2	12.63	35.7	5.1	55
0154	2	02	37	3	02/15/77	0708	32	29	58.60	1	78	28	58.78	2	21.8	2	21.8	2	12.63	35.7	5.1	55
0154	3	02	37	3	02/15/77	0708	32	29	58.60	1	78	28	58.78	2	21.8	2	21.8	2	12.63	35.7	5.1	55
0162	1	03	11	3	02/17/77	0334	32	26	00.00	1	80	14	00.00	2	9.0	1	9.0	1	7.67	32.3	3.3	20
0162	2	03	11	3	02/17/77	0334	32	26	00.00	1	80	14	00.00	2	9.0	1	9.0	1	7.67	32.3	3.3	20
0162	3	03	11	3	02/17/77	0334	32	26	00.00	1	80	14	00.00	2	9.0	1	9.0	1	7.67	32.3	3.3	20
0165	1	03	12	3	02/17/77	0620	32	23	00.00	1	80	09	00.00	2	13.7	1	13.7	1		33.1	10.0	20
0165	2	03	12	3	02/17/77	0620	32	23	00.00	1	80	09	00.00	2	13.7	1	13.7	1		33.1	10.0	20
0165	3	03	12	3	02/17/77	0620	32	23	00.00	1	80	09	00.00	2	13.7	1	13.7	1		33.1	10.0	20
0169	1	03	23	3	02/17/77	1618	32	13	00.61	1	79	52	02.15	2	24.0	1	24.0	1		35.7	9.0	20
0169	2	03	23	3	02/17/77	1618	32	13	00.61	1	79	52	02.15	2	24.0	1	24.0	1		35.7	9.0	20
0169	3	03	23	3	02/17/77	1618	32	13	00.61	1	79	52	02.15	2	24.0	1	24.0	1		35.7	9.0	20
0172	1	03	24	3	02/17/77	1955	32	05	00.90	1	79	37	58.44	2	39.0	1	39.0	1	13.58	36.2	8.3	20
0172	2	03	24	3	02/17/77	1955	32	05	00.90	1	79	37	58.44	2	39.0	1	39.0	1	13.58	36.2	8.3	20
0172	3	03	24	3	02/17/77	1955	32	05	00.90	1	79	37	58.44	2	39.0	1	39.0	1	13.58	36.2	8.3	20
0176	1	03	25	3	02/18/77	0130	32	00	57.15	1	79	31	03.54	2	42.6	1	42.6	1	13.61	36.1	7.2	55
0176	2	03	25	3	02/18/77	0130	32	00	57.15	1	79	31	03.54	2	42.6	1	42.6	1	13.61	36.1	7.2	55
0176	3	03	25	3	02/18/77	0130	32	00	57.15	1	79	31	03.54	2	42.6	1	42.6	1	13.61	36.1	7.2	55
0180	1	03	36	3	02/18/77	1352	31	46	48.32	1	79	03	24.06	2	540.0	1	540.0	1	8.94	35.0	4.4	30
0180	2	03	36	3	02/18/77	1352	31	46	48.32	1	79	03	24.06	2	540.0	1	540.0	1	8.94	35.0	4.4	30
0180	3	03	36	3	02/18/77	1352	31	46	48.32	1	79	03	24.06	2	540.0	1	540.0	1	8.94	35.0	4.4	30
0183	1	04	11	3	02/20/77	1313	31	54	59.37	1	80	50	57.89	2	11.0	1	11.0	1	8.68	31.3	9.9	77
0183	2	04	11	3	02/20/77	1313	31	54	59.37	1	80	50	57.89	2	11.0	1	11.0	1	8.68	31.3	9.9	77
0183	3	04	11	3	02/20/77	1313	31	54	59.37	1	80	50	57.89	2	11.0	1	11.0	1	8.68	31.3	9.9	77
0186	1	04	12	3	2/20/77	1733	31	53	02.14	1	80	46	00.31	2	11.0	1	11.0	1	9.03	31.6	10.2	55
0186	2	04	12	3	2/20/77	1733	31	53	02.14	1	80	46	00.31	2	11.0	1	11.0	1	9.03	31.6	10.2	55
0186	3	04	12	3	2/20/77	1733	31	53	02.14	1	80	46	00.31	2	11.0	1	11.0	1	9.03	31.6	10.2	55
0189	1	04	23	3	02/24/77	1615	31	45	26.44	1	80	29	03.38	2	20.0	1	20.0	1	10.64	34.7	9.2	20
0189	2	04	23	3	02/24/77	1615	31	45	26.44	1	80	29	03.38	2	20.0	1	20.0	1	10.64	34.7	9.2	20
0189	3	04	23	3	02/24/77	1615	31	45	26.44	1	80	29	03.38	2	20.0	1	20.0	1	10.64	34.7	9.2	20
0193	1	04	24	3	02/24/77	2327	31	39	59.50	1	80	16	05.68	2	26.0	1	26.0	1	13.44	36.1	8.7	55
0193	2	04	24	3	02/24/77	2327	31	39	59.50	1	80	16	05.68	2	26.0	1	26.0	1	13.44	36.1	8.7	55
0193	3	04	24	3	02/24/77	2327	31	39	59.50	1	80	16	05.68	2	26.0	1	26.0	1	13.44	36.1	8.7	55
0197	1	04	25	3	02/23/77	1835	31	34	01.66	1	80	03	03.19	2	36.0	1	36.0	1	13.46	35.9	8.7	55
0197	2	04	25	3	02/23/77	1835	31	34	01.66	1	80	03	03.19	2	36.0	1	36.0	1	13.46	35.9	8.7	55
0197	3	04	25	3	02/23/77	1835	31	34	01.66	1	80	03	03.19	2	36.0	1	36.0	1	13.46	35.9	8.7	55

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## BLM OCS/SABP

WINTER CRUISE 1977

## IN-SITU FIELD DATA SUMMARY

## BENTHIC MICROINFAUNA

SAMPLE ID CODE	X REP	Y	Z	DATE	TIME (2400)	LATITUDE DG MN SEC	LONGITUDE N/S DEG MN SEC	E/W	WATER DPTH C	SAMPLE DPTH C	WATER TEMP	SALN	D.O.	BOTTOM TYPE	GEAR END	FLOWMETER START CAL		
0201	1	04	26	3	02/23/77	1217	31 27 00.13	1	79 46 01.41	2	65.0	1	65.0	1	15.46	36.3	7.5	55
0201	2	04	26	3	02/23/77	1217	31 27 00.13	1	79 46 01.41	2	65.0	1	65.0	1	15.46	36.3	7.5	55
0201	3	04	26	3	02/23/77	1217	31 27 00.13	1	79 46 01.41	2	65.0	1	65.0	1	15.46	36.3	7.5	55
0205	1	04	37	3	02/23/77	0303	31 19 05.77	1	79 27 49.61	2	478.0	1	478.0	1	34.9	34.9	5.1	55
0205	2	04	37	3	02/23/77	0303	31 19 05.77	1	79 27 49.61	2	478.0	1	478.0	1	34.9	34.9	5.1	55
0205	3	04	37	3	02/23/77	0303	31 19 05.77	1	79 27 49.61	2	478.0	1	478.0	1	34.9	34.9	5.1	55
0209	1	05	11	3	02/21/77	1929	31 13 01.32	1	81 13 02.00	2	11.0	1	11.0	1	9.47	30.4	10.1	55
0209	2	05	11	3	02/21/77	1929	31 13 01.32	1	81 13 02.00	2	11.0	1	11.0	1	9.47	30.4	10.1	55
0209	3	05	11	3	02/21/77	1929	31 13 01.32	1	81 13 02.00	2	11.0	1	11.0	1	9.47	30.4	10.1	55
0214	1	05	12	3	02/21/77	1625	31 11 59.93	1	81 07 59.55	2	10.5	1	10.5	1	9.78	31.5	9.7	55
0214	2	05	12	3	02/21/77	1625	31 11 59.93	1	81 07 59.55	2	10.5	1	10.5	1	9.78	31.5	9.7	55
0214	3	05	12	3	02/21/77	1625	31 11 59.93	1	81 07 59.55	2	10.5	1	10.5	1	9.78	31.5	9.7	55
0218	1	05	23	3	02/25/77	1502	31 07 59.97	1	80 49 57.17	2	19.0	1	19.0	1	11.49	34.2	9.1	55
0218	2	05	23	3	02/25/77	1502	31 07 59.97	1	80 49 57.17	2	19.0	1	19.0	1	11.49	34.2	9.1	55
0218	3	05	23	3	02/25/77	1502	31 07 59.97	1	80 49 57.17	2	19.0	1	19.0	1	11.49	34.2	9.1	55
0224	1	05	24	3	02/25/77	2106	31 05 00.99	1	80 34 59.05	2	26.0	1	26.0	1	13.33	35.8	8.6	56
0224	2	05	24	3	02/25/77	2106	31 05 00.99	1	80 34 59.05	2	26.0	1	26.0	1	13.33	35.8	8.6	56
0224	3	05	24	3	02/25/77	2106	31 05 00.99	1	80 34 59.05	2	26.0	1	26.0	1	13.33	35.8	8.6	56
0229	1	05	25	3	02/26/77	0203	31 02 58.32	1	80 25 58.89	2	33.0	1	33.0	1	13.94	35.4	8.6	55
0229	2	05	25	3	02/26/77	0203	31 02 58.32	1	80 25 58.89	2	33.0	1	33.0	1	13.94	35.4	8.6	55
0229	3	05	25	3	02/26/77	0203	31 02 58.32	1	80 25 58.89	2	33.0	1	33.0	1	13.94	35.4	8.6	55
0233	1	05	26	3	02/26/77	0516	31 01 02.53	1	80 16 57.51	2	37.0	1	37.0	1	17.69	36.1	8.3	55
0233	2	05	26	3	02/26/77	0516	31 01 02.53	1	80 16 57.51	2	37.0	1	37.0	1	17.69	36.1	8.3	55
0233	3	05	26	3	02/26/77	0516	31 01 02.53	1	80 16 57.51	2	37.0	1	37.0	1	17.69	36.1	8.3	55
0237	1	05	27	3	02/26/77	0846	30 59 02.26	1	80 07 58.44	2	41.0	1	41.0	1	19.10	36.2	7.6	55
0237	2	05	27	3	02/26/77	0846	30 59 02.26	1	80 07 58.44	2	41.0	1	41.0	1	19.10	36.2	7.6	55
0237	3	05	27	3	02/26/77	0846	30 59 02.26	1	80 07 58.44	2	41.0	1	41.0	1	19.10	36.2	7.6	55
0237	1	05	27	3	02/26/77	0846	30 59 02.26	1	80 07 58.44	2	41.0	1	41.0	1	19.10	36.2	7.6	55
0242	1	05	38	3	02/27/77	0941	30 57 05.87	1	79 58 01.95	2	101.0	1	101.0	1	17.85	36.2	6.1	20
0242	2	05	38	3	02/27/77	0941	30 57 05.87	1	79 58 01.95	2	101.0	1	101.0	1	17.85	36.2	6.1	20
0242	3	05	38	3	02/27/77	0941	30 57 05.87	1	79 58 01.95	2	101.0	1	101.0	1	17.85	36.2	6.1	20
0250	1	06	11	3	2/28/77	1220	30 22 57.83	1	81 20 11.91	2	16.0	1	16.0	1	13.07	34.5	8.8	77
0250	2	06	11	3	2/28/77	1220	30 22 57.83	1	81 20 11.91	2	16.0	1	16.0	1	13.07	34.5	8.8	77
0250	3	06	11	3	2/28/77	1220	30 22 57.83	1	81 20 11.91	2	16.0	1	16.0	1	13.07	34.5	8.8	77
0250	2	06	11	3	2/28/77	1220	30 22 57.83	1	81 20 11.91	2	16.0	1	16.0	1	13.07	34.5	8.8	77
0253	1	06	12	3	2/28/77	1522	30 22 58.77	1	81 15 02.52	2	19.0	1	19.0	1	14.99	35.4	7.9	55
0253	3	06	12	3	2/28/77	1522	30 22 58.77	1	81 15 02.52	2	19.0	1	19.0	1	14.99	35.4	7.9	55
0257	1	06	23	3	02/28/77	2117	30 22 59.84	1	80 50 58.93	2	29.0	1	29.0	1	15.95	36.0	8.1	55
0257	2	06	23	3	02/28/77	2117	30 22 59.84	1	80 50 58.93	2	29.0	1	29.0	1	15.95	36.0	8.1	55

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## BLM OCS/SABP

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## IN-SITU FIELD DATA SUMMARY

## BENTHIC MICROINFAUNA

SAMPLE ID	X	Y	Z	DATE	TIME	LATITUDE	LONGITUDE	WATER	SAMPLE	WATER	SALN	D.O.	BOTTOM	GEAR	FLOWMETER
CODE	REP				(2400)	DG MN SEC N/S	DEG MN SEC E/W	DPTH C	DPTH C	TEMP			TYPE	END	START CAL
0257	3	06	23	3	02/28/77	2117	30 22 59.84 1	80 50 58.93 2	29.0 1	29.0 1	15.95 36.0	8.1	55		
0261	1	06	24	3	03/01/77	0414	30 23 12.17 1	80 35 57.14 2	32.0 1	32.0 1	18.95 36.3	7.8	20		
0261	2	06	24	3	03/01/77	0414	30 23 12.17 1	80 35 57.14 2	32.0 1	32.0 1	18.95 36.3	7.8	20		
0261	3	06	24	3	03/01/77	0414	30 23 12.17 1	80 35 57.14 2	32.0 1	32.0 1	18.95 36.3	7.8	20		
0264	1	06	25	3	03/01/77	0912	30 23 00.33 1	80 26 01.84 2	39.0 1	39.0 1	18.17 35.5	6.6	56		
0264	2	06	25	3	03/01/77	0912	30 23 00.33 1	80 26 01.84 2	39.0 1	39.0 1	18.17 35.5	6.6	56		
0264	3	06	25	3	03/01/77	0912	30 23 00.33 1	80 26 01.84 2	39.0 1	39.0 1	18.17 35.5	6.6	56		
0268	1	06	26	3	03/01/77	1416	30 22 57.15 1	80 18 05.97 2	43.0 1	43.0 1	18.49 36.1	6.6	55		
0268	2	06	26	3	03/01/77	1416	30 22 57.15 1	80 18 05.97 2	43.0 1	43.0 1	18.49 36.1	6.6	55		
0268	3	06	26	3	03/01/77	1416	30 22 57.15 1	80 18 05.97 2	43.0 1	43.0 1	18.49 36.1	6.6	55		
0271	1	06	37	3	03/01/77	1758	30 23 06.70 1	80 09 57.90 2	149.0 1	149.0 1	35.3	4.6	77		
0271	2	06	37	3	03/01/77	1758	30 23 06.70 1	80 09 57.90 2	149.0 1	149.0 1	35.3	4.6	77		
0271	3	06	37	3	03/01/77	1758	30 23 06.70 1	80 09 57.90 2	149.0 1	149.0 1	35.3	4.6	77		
0274	1	06	38	3	03/02/77	0107	30 22 59.86 1	79 56 59.53 2	460.0 1	460.0 1	34.9	4.5	54		
0274	3	06	38	3	03/02/77	0107	30 22 59.86 1	79 56 59.53 2	460.0 1	460.0 1	34.9	4.5	54		
0276	1	07	11	3	03/04/77	0753	29 26 59.17 1	81 03 02.79 2	20.0 1	20.0 1	14.06 35.0	8.1	30		
0276	2	07	11	3	03/04/77	0753	29 26 59.17 1	81 03 02.79 2	20.0 1	20.0 1	14.06 35.0	8.1	30		
0276	3	07	11	3	03/04/77	0753	29 26 59.17 1	81 03 02.79 2	20.0 1	20.0 1	14.06 35.0	8.1	30		
0280	1	07	12	3	03/04/77	0502	29 27 59.07 1	80 57 07.59 2	21.0 1	21.0 1	14.43 35.1	8.1	20		
0280	2	07	12	3	03/04/77	0502	29 27 59.07 1	80 57 07.59 2	21.0 1	21.0 1	14.43 35.1	8.1	20		
0280	3	07	12	3	03/04/77	0502	29 27 59.07 1	80 57 07.59 2	21.0 1	21.0 1	14.43 35.1	8.1	20		
0284	1	07	23	3	03/04/77	1315	29 30 58.73 1	80 40 02.07 2	19.5 1	19.5 1	17.51 36.2	7.9	55		
0284	2	07	23	3	03/04/77	1315	29 30 58.73 1	80 40 02.07 2	19.5 1	19.5 1	17.51 36.2	7.9	55		
0284	3	07	23	3	03/04/77	1315	29 30 58.73 1	80 40 02.07 2	19.5 1	19.5 1	17.51 36.2	7.9	55		
0289	1	07	24	3	03/03/77	2253	29 34 08.30 1	80 21 53.68 2	43.0 1	43.0 1	16.29 36.0	6.1	20		
0289	2	07	24	3	03/03/77	2253	29 34 08.30 1	80 21 53.68 2	43.0 1	43.0 1	16.29 36.0	6.1	20		
0289	3	07	24	3	03/03/77	2253	29 34 08.30 1	80 21 53.68 2	43.0 1	43.0 1	16.29 36.0	6.1	20		
0293	1	07	35	3	03/03/77	1318	29 36 00.31 1	80 11 00.44 2	226.0 1	226.0 1	8.03 35.1	4.4	30		
0293	2	07	35	3	03/03/77	1318	29 36 00.31 1	80 11 00.44 2	226.0 1	226.0 1	8.03 35.1	4.4	30		
0293	3	07	35	3	03/03/77	1318	29 36 00.31 1	80 11 00.44 2	226.0 1	226.0 1	8.03 35.1	4.4	30		
0298	1	07	36	3	3/ 3/77	2052	29 38 03.73 1	79 58 01.52 2	536.0 1	536.0 1	6.49 35.1	4.8	40		
0298	2	07	36	3	3/ 3/77	2052	29 38 03.73 1	79 58 01.52 2	536.0 1	536.0 1	6.49 35.1	4.8	40		
0298	3	07	36	3	3/ 3/77	2052	29 38 03.73 1	79 58 01.52 2	536.0 1	536.0 1	6.49 35.1	4.8	40		

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BLM OCS/SABP

WINTER CRUISE 1977

IN-SITU FIELD DATA SUMMARY

BENTHIC MICROINFAUNA

PROJECT TASK GEAR SITE  
CODE CODE CODE  
06 01 43 1

SAMPLE CODE	ID REP	X	Y	Z	DATE	SAMPLE UNITS	V/A C	D/N	DURATION UNITS C	WIND SPD C DIR	WAVE PD C HT	WAVE C DR	WAVE C DR C	HUMID	BAR C
0101	1	01	11	3	02/09/77	600.0	7	1							
0101	2	01	11	3	02/09/77	600.0	7	1							
0101	3	01	11	3	02/09/77	600.0	7	1							
0105	1	01	12	3	02/09/77	600.0	7	2							
0105	2	01	12	3	02/09/77	600.0	7	2							
0105	3	01	12	3	02/09/77	600.0	7	2							
0122	1	01	23	3	02/11/77	600.0	7	1							
0122	2	01	23	3	02/11/77	600.0	7	1							
0122	3	01	23	3	02/11/77	600.0	7	1							
0117	1	01	24	3	02/11/77	600.0	7	1							
0117	2	01	24	3	02/11/77	600.0	7	1							
0117	3	01	24	3	02/11/77	600.0	7	1							
0113	1	01	25	3	02/10/77	600.0	7	2							
0113	2	01	25	3	02/10/77	600.0	7	2							
0113	3	01	25	3	02/10/77	600.0	7	2							
0109	1	01	36	3	02/10/77	600.0	7	1							
0109	2	01	36	3	02/10/77	600.0	7	1							
0109	3	01	36	3	02/10/77	600.0	7	1							
0126	1	02	11	3	02/12/77	600.0	7	1							
0126	2	02	11	3	02/12/77	600.0	7	1							
0126	3	02	11	3	02/12/77	600.0	7	1							
0126	1	02	11	3	02/12/77	600.0	7	1							
0130	1	02	12	3	02/12/77	600.0	7	1							
0130	2	02	12	3	02/12/77	600.0	7	1							
0130	3	02	12	3	02/12/77	600.0	7	1							
0135	1	02	23	3	02/13/77	600.0	7	1							
0135	2	02	23	3	02/13/77	600.0	7	1							
0135	3	02	23	3	02/13/77	600.0	7	1							
0139	1	02	24	3	02/13/77	600.0	7	2							
0139	2	02	24	3	02/13/77	600.0	7	2							
0139	3	02	24	3	02/13/77	600.0	7	2							
0144	1	02	25	3	02/14/77	600.0	7	1							
0144	2	02	25	3	02/14/77	600.0	7	1							
0144	3	02	25	3	02/14/77	600.0	7	1							

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BLM OCS/SABP

WINTER CRUISE 1977

IN-SITU FIELD DATA SUMMARY

BENTHIC MICROINFAUNA

SAMPLE ID CODE	X REP	Y	Z	DATE	SAMPLE UNITS	V/A C	D/N	DURATION UNITS	C	WIND SPD	C	DIR	WAVE PD	WAVE C	WAVE HT	WAVE C	DR	C	HUMID	BAR	C
0149	1	02	26	3	02/14/77	600.0	7	1													
0149	2	02	26	3	02/14/77	600.0	7	1													
0149	3	02	26	3	02/14/77	600.0	7	1													
0154	1	02	37	3	02/15/77	600.7	7	2													
0154	2	02	37	3	02/15/77	600.7	7	2													
0154	3	02	37	3	02/15/77	600.7	7	2													
0162	1	03	11	3	02/17/77	600.0	7	2													
0162	2	03	11	3	02/17/77	600.0	7	2													
0162	3	03	11	3	02/17/77	600.0	7	2													
0165	1	03	12	3	02/17/77	600.0	7	1													
0165	2	03	12	3	02/17/77	600.0	7	1													
0165	3	03	12	3	02/17/77	600.0	7	1													
0169	1	03	23	3	02/17/77	600.0	7	1													
0169	2	03	23	3	02/17/77	600.0	7	1													
0169	3	03	23	3	02/17/77	600.0	7	1													
0172	1	03	24	3	02/17/77	600.0	7	2													
0172	2	03	24	3	02/17/77	600.0	7	2													
0172	3	03	24	3	02/17/77	600.0	7	2													
0176	1	03	25	3	02/18/77	600.0	7	2													
0176	2	03	25	3	02/18/77	600.0	7	2													
0176	3	03	25	3	02/18/77	600.0	7	2													
0180	1	03	36	3	02/13/77	600.0	7	1													
0180	2	03	36	3	02/18/77	600.0	7	1													
0180	3	03	36	3	02/18/77	600.0	7	1													
0183	1	04	11	3	02/20/77	600.0	7	1													
0183	2	04	11	3	02/20/77	600.0	7	1													
0183	3	04	11	3	02/20/77	600.0	7	1													
0186	1	04	12	3	2/20/77	600.0	7	1													
0186	2	04	12	3	2/20/77	600.0	7	1													
0186	3	04	12	3	2/20/77	600.0	7	1													
0189	1	04	23	3	02/24/77	600.0	7	1													
0189	2	04	23	3	02/24/77	600.0	7	1													
0189	3	04	23	3	02/24/77	600.0	7	1													
0193	1	04	24	3	02/24/77	600.0	7	2													
0193	2	04	24	3	02/24/77	600.0	7	2													
0193	3	04	24	3	02/24/77	600.0	7	2													
0197	1	04	25	3	02/23/77	600.0	7	2													
0197	2	04	25	3	02/23/77	600.0	7	2													
0197	3	04	25	3	02/23/77	600.0	7	2													

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BLM OCS/SABP

WINTER CRUISE 1977

IN-SITU FIELD DATA SUMMARY

BENTHIC MICROINFAUNA

SAMPLE CODE	ID REP	X	Y	Z	DATE	SAMPLE	V/A	D/N	DURATION	WIND		WAVE			HUMID	BAR
						UNITS	C		UNITS	C	SPD	C	DIR	PD	C	HT
0201	1	04	26	3	02/23/77	600.0	7	1								
0201	2	04	26	3	02/23/77	600.0	7	1								
0201	3	04	26	3	02/23/77	600.0	7	1								
0205	1	04	37	3	02/23/77	600.0	7	2								
0205	2	04	37	3	02/23/77	600.0	7	2								
0205	3	04	37	3	02/23/77	600.0	7	2								
0209	1	05	11	3	02/21/77	600.0	7	2								
0209	2	05	11	3	02/21/77	600.0	7	2								
0209	3	05	11	3	02/21/77	600.0	7	2								
0214	1	05	12	3	02/21/77	600.0	7	1								
0214	2	05	12	3	02/21/77	600.0	7	1								
0214	3	05	12	3	02/21/77	600.0	7	1								
0218	1	05	23	3	02/25/77	600.0	7	1								
0218	2	05	23	3	02/25/77	600.0	7	1								
0218	3	05	23	3	02/25/77	600.0	7	1								
0224	1	05	24	3	02/25/77	600.0	7	2								
0224	2	05	24	3	02/25/77	600.0	7	2								
0224	3	05	24	3	02/25/77	600.0	7	2								
0229	1	05	25	3	02/26/77	600.0	7	2								
0229	2	05	25	3	02/26/77	600.0	7	2								
0229	3	05	25	3	02/26/77	600.0	7	2								
0233	1	05	26	3	02/26/77	600.0	7	2								
0233	2	05	26	3	02/26/77	600.0	7	2								
0233	3	05	26	3	02/26/77	600.0	7	2								
0237	1	05	27	3	02/26/77	600.0	7	1								
0237	2	05	27	3	02/26/77	600.0	7	1								
0237	3	05	27	3	02/26/77	600.0	7	1								
0237	1	05	27	3	02/26/77	600.0	7	1								
0242	1	05	38	3	02/27/77	600.0	7	1								
0242	2	05	38	3	02/27/77	600.0	7	1								
0242	3	05	38	3	02/27/77	600.0	7	1								
0250	1	06	11	3	2/28/77	600.0	7	1								
0250	2	06	11	3	2/28/77	600.0	7	1								
0250	3	06	11	3	2/28/77	600.0	7	1								
0250	2	06	11	3	2/28/77	600.0	7	1								
0253	1	06	12	3	2/28/77	600.0	7	1								
0253	3	06	12	3	2/28/77	600.0	7	1								
0257	1	06	23	3	02/28/77	600.0	7	2								
0257	2	06	23	3	02/28/77	600.0	7	2								

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IN-SITU FIELD DATA SUMMARY

BENTHIC MICROINFAUNA

SAMPLE CODE	ID REP	X	Y	Z	DATE	SAMPLE UNITS	V/A C	D/N	DURATION UNITS	C	WIND SPD	C	DIR	WAVE PD	C	WAVE HT	C	WAVE DR	C	HUMID	BAR	C
0257	3	06	23	3	02/28/77	600.0	7	2														
0261	1	06	24	3	03/01/77	600.0	7	2														
0261	2	06	24	3	03/01/77	600.0	7	2														
0261	3	06	24	3	03/01/77	600.0	7	2														
0264	1	06	25	3	03/01/77	600.0	7	1														
0264	2	06	25	3	03/01/77	600.0	7	1														
0264	3	06	25	3	03/01/77	600.0	7	1														
0268	1	06	26	3	03/01/77	600.0	7	1														
0268	2	06	26	3	03/01/77	600.0	7	1														
0268	3	06	26	3	03/01/77	600.0	7	1														
0271	1	06	37	3	03/01/77	600.0	7	1														
0271	2	06	37	3	03/01/77	600.0	7	1														
0271	3	06	37	3	03/01/77	600.0	7	1														
0274	1	06	38	3	03/02/77	600.0	7	2														
0274	3	06	38	3	03/02/77	600.0	7	2														
0276	1	07	11	3	03/04/77	600.0	7	1														
0276	2	07	11	3	03/04/77	600.0	7	1														
0276	3	07	11	3	03/04/77	600.0	7	1														
0280	1	07	12	3	03/04/77	600.0	7	2														
0280	2	07	12	3	03/04/77	600.0	7	2														
129 0280	3	07	12	3	03/04/77	600.0	7	2														
0284	1	07	23	3	03/04/77	600.0	7	1														
0284	2	07	23	3	03/04/77	600.0	7	1														
0284	3	07	23	3	03/04/77	600.0	7	1														
0289	1	07	24	3	03/03/77	600.0	7	2														
0289	2	07	24	3	03/03/77	600.0	7	2														
0289	3	07	24	3	03/03/77	600.0	7	2														
0293	1	07	35	3	03/03/77	600.0	7	1														
0293	2	07	35	3	03/03/77	600.0	7	1														
0293	3	07	35	3	03/03/77	600.0	7	1														
0298	1	07	36	3	3/ 3/77	600.0	7	2														
0298	2	07	36	3	3/ 3/77	600.0	7	2														
0298	3	07	36	3	3/ 3/77	600.0	7	2														

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SECTION VI

HYDRAULIC GRAIN SIZE DATA

## BLM OCS/SABP

WINTER CRUISE 1977

## BENTHIC MICROINFAUNA

PC SITE GC TC  
6 1 43 32

## SEDIMENT GRAIN SIZE (HYDRAULIC)

LOCATION X Y Z	SAMPLE DATE	SAMPLE CODE REP	-1 PHI	0 PHI	1 PHI	2 PHI	3 PHI
1 11 3	2/ 9/77	101 1	0.400000E+01	0.200000E+01	0.0	0.100000E+02	0.840000E+02
1 12 3	2/ 9/77	105 1	0.0	0.0	0.0	0.135100E+02	0.864900E+02
1 23 3	2/11/77	122 1	0.130400E+02	0.0	0.0	0.870000E+01	0.782600E+02
1 24 3	2/11/77	117 1	0.267000E+01	0.0	0.0	0.800000E+01	0.893300E+02
1 25 3	2/10/77	113 1	0.0	0.0	0.129900E+02	0.506500E+02	0.363600E+02
1 36 3	2/10/77	109 1	0.741000E+01	0.0	0.0	0.0	0.925900E+02
2 12 3	2/12/77	126 1	0.0	0.0	0.746000E+01	0.432800E+02	0.522400E+02
2 12 3	2/12/77	130 1	0.0	0.625000E+01	0.125000E+02	0.587500E+02	0.225000E+02
2 23 3	2/13/77	135 1	0.333000E+01	0.667000E+01	0.133300E+02	0.500000E+02	0.266700E+02
2 24 3	2/13/77	139 1	0.0	0.206300E+02	0.222200E+02	0.365100E+02	0.206300E+02
2 25 3	2/14/77	144 1	0.208000E+01	0.0	0.0	0.145800E+02	0.833300E+02
2 26 3	2/14/77	149 1	0.444000E+01	0.889000E+01	0.222000E+01	0.333300E+02	0.511100E+02
2 37 3	2/15/77	154 1	0.270000E+01	0.0	0.324300E+02	0.135100E+02	0.513500E+02
2 37 3	2/15/77	154 1	0.830000E+00	0.0	0.333000E+01	0.516700E+02	0.441200E+02
3 11 3	2/17/77	162 1	0.278000E+01	0.0	0.0	0.388900E+02	0.583300E+02
3 12 3	2/17/77	165 1	0.349000E+01	0.0	0.814000E+01	0.476700E+02	0.407000E+02
3 23 3	2/17/77	169 1	0.306000E+01	0.102000E+01	0.714000E+01	0.500000E+02	0.387800E+02
3 24 3	2/17/77	172 1	0.0	0.0	0.228600E+02	0.314300E+02	0.457100E+02
3 25 3	2/18/77	176 1	0.104000E+01	0.104000E+01	0.104000E+01	0.447800E+02	0.520800E+02
3 36 3	2/18/77	180 1	0.769000E+01	0.0	0.0	0.153800E+02	0.769200E+02
4 11 3	2/20/77	183 1	0.213000E+01	0.0	0.0	0.531900E+02	0.446800E+02
4 12 3	2/20/77	186 1	0.0	0.0	0.316000E+01	0.424000E+02	0.544300E+02
4 23 3	2/24/77	189 1	0.390000E+01	0.0	0.116900E+02	0.402600E+02	0.441600E+02
4 24 3	2/24/77	193 1	0.161000E+01	0.0	0.104800E+02	0.500000E+02	0.379000E+02
4 25 3	2/23/77	197 1	0.222000E+01	0.370000E+01	0.815000E+01	0.488900E+02	0.370400E+02
4 26 3	2/23/77	201 1	0.810000E+00	0.810000E+00	0.137100E+02	0.532300E+02	0.314500E+02
4 37 3	2/23/77	205 1	0.263000E+01	0.0	0.263200E+02	0.289500E+02	0.421000E+02
5 11 3	2/21/77	209 1	0.500000E+01	0.0	0.500000E+01	0.200000E+02	0.700000E+02
5 12 3	2/21/77	214 1	0.880000E+00	0.0	0.123900E+02	0.584100E+02	0.283200E+02
5 23 3	2/25/77	218 1	0.206000E+01	0.206000E+01	0.619000E+01	0.371100E+02	0.525800E+02
5 24 3	2/25/77	224 1	0.115000E+01	0.0	0.460000E+01	0.275900E+02	0.666700E+02
5 25 3	2/26/77	229 1	0.202000E+01	0.0	0.101000E+02	0.434300E+02	0.444400E+02
5 26 3	2/26/77	233 1	0.0	0.0	0.800000E+01	0.720000E+02	0.200000E+02
5 27 3	**/**/**	239 1	0.375000E+01	0.0	0.250000E+01	0.437500E+02	0.500000E+02
5 38 3	2/27/77	242 1	0.103000E+01	0.0	0.515000E+01	0.381400E+02	0.556700E+02
6 11 3	2/28/77	250 1	0.0	0.133000E+01	0.0	0.213300E+02	0.773300E+02

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

PC SITE GC TC  
6 1 43 32

SEDIMENT GRAIN SIZE (HYDRAULIC)

LOCATION			SAMPLE		SEDIMENT GRAIN SIZE (HYDRAULIC)					
X	Y	Z	DATE	CODE	REP	-1 PHI	0 PHI	1 PHI	2 PHI	3 PHI
6	12	3	2/28/77	253	1	0.298000E+01	0.0	0.896000E+01	0.567200E+02	0.313400E+02
6	23	3	2/28/77	257	1	0.168000E+01	0.0	0.560000E+00	0.258400E+02	0.719100E+02
6	24	3	3/ 1/77	261	1	0.550000E+00	0.0	0.110000E+01	0.436000E+02	0.544000E+02
6	25	3	3/ 1/77	264	1	0.0	0.0	0.256000E+01	0.615400E+02	0.359000E+02
6	26	3	3/ 1/77	268	1	0.253000E+01	0.127000E+01	0.886000E+01	0.620200E+02	0.253200E+02
6	38	3	3/ 2/77	274	1	0.0	0.0	0.0	0.195600E+02	0.804300E+02
7	11	3	3/ 4/77	276	1	0.476000E+01	0.238000E+01	0.238000E+01	0.357100E+02	0.547600E+02
7	12	3	3/ 4/77	280	1	0.454000E+01	0.0	0.0	0.454500E+02	0.500000E+02
7	23	3	3/ 4/77	284	1	0.145000E+01	0.0	0.145000E+01	0.405800E+02	0.565200E+02
7	24	3	3/ 3/77	289	1	0.0	0.0	0.755000E+01	0.679200E+02	0.434000E+02

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SECTION VI

SIEVE GRAIN SIZE DATA

## BENTHIC MICROINFAUNA

PC SITE GC TC  
6 1 43 34

## SEDIMENT GRAIN SIZE (SIEVE)

LOCATION X Y Z	SAMPLE DATE	SAMPLE CODE REP	-3 PHI	-2 PHI	-1 PHI	0 PHI	1 PHI	2 PHI	3 PHI
1 11 3	2/ 9/77	101 1	0.0	0.397000E+00	0.171640E+01	0.235530E+01	0.289970E+01	0.201860E+02	0.644740E+02
1 12 3	2/ 9/77	105 1	0.0	0.0	0.158600E+00	0.842100E+00	0.275070E+01	0.175540E+02	0.687800E+02
1 23 3	2/11/77	122 1	0.0	0.0	0.106000E-01	0.239200E+00	0.258180E+01	0.221740E+02	0.709000E+02
1 24 3	2/11/77	117 1	0.0	0.203500E+00	0.643800E+00	0.129090E+01	0.473680E+01	0.351690E+02	0.569520E+02
1 25 3	2/10/77	113 1	0.0	0.506200E+00	0.291350E+01	0.625070E+01	0.118080E+02	0.237920E+02	0.533900E+02
1 36 3	2/10/77	109 1	0.0	0.0	0.336800E+00	0.202750E+01	0.109030E+02	0.647470E+02	0.154010E+02
2 11 3	2/12/77	126 1	0.0	0.522400E+00	0.134490E+01	0.704680E+01	0.328260E+02	0.500060E+02	0.624600E+01
2 12 3	2/12/77	130 1	0.941380E+01	0.294930E+01	0.621330E+01	0.188650E+02	0.319130E+02	0.237820E+02	0.556000E+01
2 23 3	2/13/77	135 1	0.0	0.388410E+01	0.552060E+01	0.133360E+02	0.279230E+02	0.385180E+02	0.101300E+02
2 24 3	2/13/77	139 1	0.118890E+01	0.286100E+00	0.564880E+01	0.316010E+02	0.314290E+02	0.250560E+02	0.429460E+01
2 25 3	2/14/77	144 1	0.0	0.0	0.222800E+00	0.224160E+01	0.700230E+01	0.527200E+02	0.371000E+02
2 26 3	2/14/77	149 1	0.0	0.0	0.799400E+00	0.133180E+02	0.415230E+02	0.430590E+02	0.118000E+01
2 37 3	2/15/77	154 1	0.196220E+02	0.301100E+02	0.134390E+02	0.601890E+01	0.687390E+01	0.135160E+02	0.507000E+01
3 11 3	2/17/77	162 1	0.0	0.0	0.322600E+00	0.903300E+00	0.254280E+01	0.589020E+01	0.693800E+02
3 12 3	2/17/77	165 1	0.185700E+01	0.468060E+01	0.961310E+01	0.163820E+02	0.249930E+02	0.137540E+02	0.620500E+02
3 23 3	2/17/77	169 1	0.0	0.655900E+00	0.331440E+01	0.141550E+02	0.287320E+02	0.406710E+02	0.121100E+02
3 24 3	2/17/77	172 1	0.0	0.358100E+00	0.308170E+01	0.250810E+02	0.352910E+02	0.280650E+02	0.780920E+01
3 25 3	2/18/77	176 1	0.0	0.0	0.758000E-01	0.704700E+00	0.396230E+02	0.487990E+02	0.155000E+02
3 36 3	2/18/77	180 1	0.0	0.0	0.254100E+00	0.482800E+00	0.143440E+02	0.666620E+02	0.159450E+02
4 11 3	2/2 77	183 1	0.0	0.235480E+01	0.398880E+01	0.577130E+01	0.175450E+02	0.240760E+02	0.282600E+02
4 12 3	2/20/77	186 1	0.0	0.0	0.118980E+01	0.610930E+01	0.283170E+02	0.474780E+02	0.164000E+02
4 23 3	2/24/77	189 1	0.0	0.103100E+00	0.249860E+01	0.139940E+02	0.287980E+02	0.419130E+02	0.126570E+02
4 24 3	2/24/77	193 1	0.0	0.264400E+00	0.854100E+00	0.850050E+01	0.307510E+02	0.118920E+02	0.147400E+00
4 25 3	2/23/77	197 1	0.0	0.753900E+00	0.280440E+01	0.105160E+02	0.351230E+02	0.461820E+02	0.430000E+01
4 26 3	2/23/77	201 1	0.0	0.0	0.0	0.332500E+00	0.302810E+02	0.543220E+02	0.142600E+02
4 37 3	2/23/77	205 1	0.0	0.898070E+01	0.156590E+02	0.219720E+02	0.261870E+02	0.201950E+02	0.395670E+01
5 11 3	2/21/77	209 1	0.0	0.412300E+00	0.794500E+00	0.329360E+01	0.133560E+02	0.195510E+02	0.280690E+02
5 12 3	2/21/77	214 1	0.0	0.0	0.200760E+01	0.136750E+02	0.397890E+02	0.358510E+02	0.837700E+01
5 23 3	2/25/77	218 1	0.0	0.553700E+00	0.220520E+01	0.993470E+01	0.298230E+02	0.476670E+02	0.954700E+01
5 24 3	2/25/77	224 1	0.0	0.173400E+00	0.832300E+00	0.475110E+01	0.223820E+02	0.573390E+02	0.140100E+02
5 25 3	2/26/77	229 1	0.0	0.422000E+00	0.276720E+01	0.134590E+02	0.221390E+02	0.447090E+02	0.158000E+02
5 26 3	2/26/77	233 1	0.159200E+00	0.143130E+01	0.138810E+01	0.121620E+02	0.362420E+02	0.405120E+02	0.752330E+01
5 27 3	2/26/77	237 1	0.0	0.0	0.111500E+00	0.808850E+01	0.437600E+02	0.443180E+02	0.341640E+01
5 38 3	2/27/77	242 1	0.506400E+01	0.358190E+01	0.520010E+01	0.110810E+02	0.203140E+02	0.452160E+02	0.843600E+01
6 11 3	2/28/77	250 1	0.0	0.958600E+00	0.201920E+01	0.239820E+01	0.364110E+01	0.151440E+02	0.650300E+02
6 12 3	2/28/77	253 1	0.0	0.435150E+01	0.699780E+01	0.163360E+02	0.307330E+02	0.190330E+02	0.193980E+02

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TM005051 03/22/77

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

				SEDIMENT GRAIN SIZE (SIEVE)								
PC	SITE	GC	TC									
6	1	43	34									
LOCATION	SAMPLE	SAMPLE		-3 PHI	-2 PHI	-1 PHI	0 PHI	1 PHI	2 PHI	3 PHI		
X	Y	Z	DATE	CODE	REP							
6	23	3	2/28/77	257	1	0.0	0.275700E+00	0.138660E+01	0.587560E+01	0.156760E+02	0.432690E+02	0.321080E+02
6	24	3	3/ 1/77	261	1	0.0	0.158900E+00	0.139480E+01	0.507740E+01	0.257940E+02	0.551810E+02	0.11970E+02
6	25	3	3/ 1/77	264	1	0.0	0.924000E-01	0.247060E+01	0.118150E+02	0.353670E+02	0.434670E+02	0.621760E+01
6	26	3	3/ 1/77	268	1	0.0	0.0	0.183440E+01	0.109060E+02	0.438770E+02	0.386090E+02	0.452610E+01
6	37	3	3/ 1/77	271	1	0.0	0.0	0.147000E-01	0.317000E+00	0.220400E+01	0.189300E+02	0.34350E+02
6	38	3	3/ 2/77	274	1	0.455110E+02	0.0	0.145480E+01	0.947300E+00	0.471580E+01	0.275430E+02	0.126590E+02
7	11	3	3/ 4/77	276	1	0.0	0.237480E+01	0.170720E+01	0.204100E+01	0.103870E+02	0.215850E+02	0.38800E+02
7	12	3	3/ 4/77	280	1	0.619340E+01	0.202710E+01	0.553920E+01	0.114400E+02	0.182850E+02	0.319310E+02	0.22600E+02
7	23	3	3/ 4/77	284	1	0.0	0.121300E+00	0.382160E+01	0.910190E+01	0.213570E+02	0.423830E+02	0.227860E+02
7	24	3	3/ 3/77	289	1	0.0	0.885400E+00	0.353110E+01	0.132310E+02	0.326000E+02	0.430500E+02	0.55540E+01
7	35	3	3/ 3/77	293	1	0.0	0.0	0.0	0.841000E-01	0.264590E+01	0.150190E+02	0.186820E+02
7	36	3	3/ 3/77	298	1	0.211500E+01	0.873850E+01	0.817620E+01	0.389650E+01	0.159190E+02	0.260070E+02	0.126050E+02

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

PC SITE GC TC  
6 1 43 34 SEDIMENT GRAIN SIZE (SIEVE)

LOCATION			SAMPLE	SAMPLE	4 PHI		PAN
X	Y	Z	DATE	CODE	REP		
1	11	3	2/ 9/77	101	1	0.666890E+01	0.839300E+00
1	12	3	2/ 9/77	105	1	0.917720E+01	0.390500E+00
1	23	3	2/11/77	122	1	0.368620E+01	0.879000E-01
1	24	3	2/11/77	117	1	0.820600E+00	0.334000E-01
1	25	3	2/10/77	113	1	0.944900E+00	0.525000E-01
1	36	3	2/10/77	109	1	0.385020E+01	0.275390E+01
2	11	3	2/12/77	126	1	0.121520E+01	0.455700E+00
2	12	3	2/12/77	130	1	0.920500E+00	0.288300E+00
2	23	3	2/13/77	135	1	0.369800E+00	0.141600E+00
2	24	3	2/13/77	139	1	0.203400E+00	0.381000E-01
2	25	3	2/14/77	144	1	0.284500E+00	0.171000E-01
2	26	3	2/14/77	149	1	0.440000E-01	0.116000E-01
2	37	3	2/15/77	154	1	0.274090E+01	0.268230E+01
3	11	3	2/17/77	162	1	0.197310E+02	0.390900E+00
3	12	3	2/17/77	165	1	0.122610E+01	0.183200E+00
3	23	3	2/17/77	169	1	0.140300E+00	0.526000E-01
3	24	3	2/17/77	172	1	0.242300E+00	0.119400E+00
3	25	3	2/18/77	176	1	0.121200E+00	0.871000E-01
3	36	3	2/18/77	180	1	0.125780E+01	0.863900E+00
4	11	3	2/20/77	183	1	0.168520E+02	0.781300E+00
4	12	3	2/20/77	186	1	0.370500E+00	0.570000E-01
4	23	3	2/24/77	189	1	0.166800E+00	0.334000E-01
4	24	3	2/24/77	193	1	0.473650E+02	0.111800E+00
4	25	3	2/23/77	197	1	0.754000E-01	0.116800E+00
4	26	3	2/23/77	201	1	0.690900E+00	0.176600E+00
4	37	3	2/23/77	205	1	0.156290E+01	0.975800E+00
5	11	3	2/21/77	209	1	0.304970E+02	0.340930E+01
5	12	3	2/21/77	214	1	0.265900E+00	0.539000E-01
5	23	3	2/25/77	218	1	0.153600E+00	0.480000E-01
5	24	3	2/25/77	224	1	0.208100E+00	0.667000E-01
5	25	3	2/26/77	229	1	0.343800E+00	0.108500E+00
5	26	3	2/26/77	233	1	0.260300E+00	0.180200E+00
5	27	3	2/26/77	237	1	0.478000E-01	0.414000E-01
5	38	3	2/27/77	242	1	0.519300E+00	0.637700E+00
6	11	3	2/28/77	250	1	0.960380E+01	0.797200E+00
6	12	3	2/28/77	253	1	0.285700E+01	0.297800E+00

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WINTER CRUISE 1977

BENTHIC MICROINFAUNA

PC SITE GC TC  
6 1 43 34 SEDIMENT GRAIN SIZE (SIEVE)

LOCATION			SAMPLE	SAMPLE	SEDIMENT GRAIN SIZE (SIEVE)		
X	Y	Z	DATE	CODE	REP	4 PHI	PAN
6	23	3	2/28/77	257	1	0.880500E+00	0.864000E-01
6	24	3	3/ 1/77	261	1	0.187500E+00	0.604000E-01
6	25	3	3/ 1/77	264	1	0.164900E+00	0.168200E+00
6	26	3	3/ 1/77	268	1	0.100800E+00	0.672000E-01
6	37	3	3/ 1/77	271	1	0.230280E+02	0.203450E+02
6	38	3	3/ 2/77	274	1	0.382310E+01	0.329220E+01
7	11	3	3/ 4/77	276	1	0.187490E+02	0.388340E+01
7	12	3	3/ 4/77	280	1	0.143310E+01	0.299100E+00
7	23	3	3/ 4/77	284	1	0.338100E+00	0.441000E-01
7	24	3	3/ 3/77	289	1	0.539000E+00	0.632800E+00
7	35	3	3/ 3/77	293	1	0.277930E+02	0.359490E+02
7	36	3	3/ 3/77	298	1	0.923610E+01	0.124210E+02

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SECTION VI

MEIOFAUNA TAXONOMY/DENSITY DATA

BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC

6 1 43 1 1113

SID	DATE	TIME	D/N	DURATION		SD	TOW				SAMP VOL				WIND			CURRENT				TEMP				COND	DO	PH	SALN	P
				UNITS	C		WD	SP	D	UNITS	C	SECH	WT	SC	DI	CL	SP	DI	AIR	WAT	BT	TURBD								
1011	2/ 9/77	1630	1	0.0	0	9.9	9.9	0.0	0	600.0	7	0.0	0	0	0	0	0.0	0	0.0	0	0.0	4.62	20	0.0	0	11.8	0.0	34.6	6	
1012	2/ 9/77	1630	1	0.0	0	9.9	9.9	0.0	0	600.0	7	0.0	0	0	0	0	0.0	0	0.0	0	0.0	4.62	20	0.0	0	11.8	0.0	34.6	6	
1013	2/ 9/77	1630	1	0.0	0	9.9	9.9	0.0	0	600.0	7	0.0	0	0	0	0	0.0	0	0.0	0	0.0	4.62	20	0.0	0	11.8	0.0	34.6	6	

LS

TAXA

LS	TAXA	REL			S.E.	ABX	
		1	2	3			
1	CILIOPHORA (LPIL)	2.24	3.06	3.06	2.78	0.27	2.1
1	TURBELLARIA-(LPIL)	4.07	3.06	1.22	2.78	0.83	2.1
1	NEMERTINA (LPIL)	0.81	0.81	0.0	0.54	0.27	0.4
1	GASTROTRICHA (LPIL)	3.87	13.85	9.98	9.23	2.91	7.1
1	DESMOSCOLECIDAE(LPIL)	0.61	3.87	4.07	2.85	1.12	2.2
1	COMESOMATIDAE (LPIL)	1.83	3.06	6.31	3.73	1.34	2.9
1	CHROMODORIDAE (LPIL)	6.52	6.52	17.11	10.05	3.53	7.7
1	CYATHOLAIMIDAE (LPIL)	4.28	6.52	24.24	11.68	6.31	9.0
1	CHONIOLAIMIDAE (LPIL)	1.02	1.22	3.46	1.90	0.78	1.5
1	SELANCHONEMATIDAE (LPIL)	0.0	0.0	1.02	0.34	0.34	0.3
1	RICHTERSIIDAE (LPIL)	1.02	2.04	3.67	2.24	0.77	1.7
1	MONOPOSTHIIDAE (LPIL)	1.83	10.39	13.65	8.62	3.52	6.6
1	CERAMONEMATIDAE (LPIL)	1.83	3.67	7.74	4.41	1.75	3.4
1	DESMODORIDAE (LPIL)	5.70	13.44	22.61	13.92	4.89	10.7
1	LEPTOLAIMIDAE (LPIL)	0.0	1.02	1.22	0.75	0.38	0.6
1	AXONOLAIMIDAE (LPIL)	2.65	1.63	5.91	3.40	1.29	2.6
1	LINHOMOEIDAE (LPIL)	3.67	2.04	5.70	3.80	1.06	2.9
1	MONHYSTERIDAE (LPIL)	15.07	27.91	34.63	25.87	5.74	19.9
1	OXYSTOMINIDAE (LPIL)	0.0	0.81	1.22	0.68	0.36	0.5
1	TRIPYLOIDIDAE (LPIL)	0.0	0.61	1.22	0.61	0.35	0.5
1	ENOPLIDAE (LPIL)	0.81	0.61	2.04	1.15	0.45	0.9
1	ONCHOLAIMIDAE (LPIL)	0.0	0.61	0.0	0.20	0.20	0.2
1	ENCHELIDIIDAE (LPIL)	0.0	0.61	0.0	0.20	0.20	0.2
6	NEMATODA (LPIL)	0.81	0.0	0.61	0.48	0.24	0.4
1	NEMATODA (LPIL)	2.04	4.89	8.15	5.02	1.77	3.9
6	POLYCHAETA (LPIL)	0.81	0.61	0.61	0.68	0.07	0.5
1	OLIGOCHAETA (LPIL)	0.20	1.63	1.43	1.09	0.45	0.8
1	GASTROPODA (LPIL)	0.0	0.61	0.0	0.20	0.20	0.2
6	GASTROPODA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
6	BIVALVIA (LPIL)	2.04	0.0	0.20	0.75	0.65	0.6
1	HALACARIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	OSTRACODA (LPIL)	0.61	0.41	0.61	0.54	0.07	0.4
1	SAPHIRELLA (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
1	CANUELLIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
1	AMEIRIDAE (LPIL)	0.0	0.0	0.41	0.14	0.14	0.1

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

LS	TAXA	1	2	3	X	S.E.	REL ABX
1	PARAMESOCHRIDAE (LPIL)	0.61	1.02	9.17	3.60	2.79	2.8
1	CYLINDROPSILIDAE (LPIL)	0.0	0.0	1.22	0.41	0.41	0.3
1	CLETODIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
14	HARPACTICOIDA (LPIL)	0.0	0.41	3.87	1.43	1.23	1.1
1	HARPACTICOIDA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
12	NAUPLIUS (LPIL)	0.61	0.0	0.0	0.20	0.20	0.2
1	SIPUNCULIDA (LPIL)	1.22	3.46	0.20	1.63	0.96	1.3
1	PRIAPULIDA (LPIL)	0.20	0.20	0.81	0.41	0.20	0.3
1	TARDIGRADA (LPIL)	0.0	0.61	0.20	0.27	0.18	0.2
1	INVERTEBRATE (LPIL)	2.44	0.0	0.81	1.09	0.72	0.8
TOTAL		69.67	121.41	199.23	130.10	37.65	100.0
DIVERSITY (H PRIME)		4.11	4.00	4.10	4.07	0.04	
DIVERSITY (J PRIME)		0.86	0.79	0.79	0.81	0.02	
NUMBER OF TAXA		28	33	36	42		

ABOVE COMPUTED USING SAMPLE IDS  
 1011 1012 1013

DATE 12/08/77  
 PAGE NO 2  
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1  
 36  
 33  
 28  
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 97  
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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC  
6 1 43 1 1123

SID	DATE	TIME	D/N	DURATION			TOW				SAMP VOL				WIND			CURRENT			TEMP				COND	DO	PH	SALN	P
				UNITS	C	SD	WD	SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR	WAT	BT	TURBD						
1051	2/ 9/77	2137	2	0.0	0	15.0	15.0	0.0	0	600.0	7	0.0	0	0	0	0	0.0	0	0.0	0	0.0	5.00	20	0.0	0	11.6	0.0	34.8	6
1052	2/ 9/77	2137	2	0.0	0	15.0	15.0	0.0	0	600.0	7	0.0	0	0	0	0	0.0	0	0.0	0	0.0	5.00	20	0.0	0	11.6	0.0	34.8	6
1053	2/ 9/77	2137	2	0.0	0	15.0	15.0	0.0	0	600.0	7	0.0	0	0	0	0	0.0	0	0.0	0	0.0	5.00	20	0.0	0	11.6	0.0	34.8	6

LS	TAXA	REL			S.E.	AB%
		1	2	3		
1	CILIOPHORA (LPIL)	3.26	10.59	9.98	7.94	2.35 4.2
1	TURBELLARIA-(LPIL)	1.02	9.17	2.24	4.14	2.54 2.2
1	NEMERTINA (LPIL)	0.20	1.43	3.06	1.56	0.83 0.8
1	GASTROTRICHA (LPIL)	17.32	14.87	17.32	16.50	0.81 8.8
1	KINORHYNCHA (LPIL)	0.0	0.20	0.20	0.14	0.07 0.1
1	DESMOSCOLECIDAE(LPIL)	5.50	2.65	3.06	3.73	0.89 2.0
1	COMESOMATIDAE (LPIL)	4.48	3.26	4.48	4.07	0.41 2.2
1	CHROMODORIDAE (LPIL)	15.48	11.00	23.43	16.64	3.63 8.9
1	CYATHOLAIMIDAE (LPIL)	19.76	9.17	27.30	18.74	5.26 10.0
1	CHONIOLAIMIDAE (LPIL)	2.24	2.04	3.67	2.65	0.51 1.4
1	MEYLIIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07 0.0
1	RICHTERSIIDAE (LPIL)	3.46	3.67	2.65	3.26	0.31 1.7
1	MONOPOSTHIIDAE (LPIL)	4.07	4.28	4.48	4.28	0.12 2.3
1	CERAMONEMATIDAE (LPIL)	11.82	13.65	10.19	11.88	1.00 6.4
1	DESMODORIDAE (LPIL)	12.22	8.56	14.87	11.88	1.83 6.4
1	LEPTOLAIMIDAE (LPIL)	2.44	2.24	3.46	2.72	0.38 1.5
1	AXONOLAIMIDAE (LPIL)	11.00	6.11	5.50	7.54	1.74 4.0
1	LINHOMOEIDAE (LPIL)	2.65	4.69	3.46	3.60	0.59 1.9
1	MONHYSTERIDAE (LPIL)	23.22	39.93	27.91	30.35	4.97 16.2
1	OXYSTOMINIDAE (LPIL)	0.0	1.43	1.63	1.02	0.51 0.5
1	IRONIDAE (LPIL)	0.0	0.41	0.81	0.41	0.24 0.2
1	TRIPYLOIDIDAE (LPIL)	1.83	1.63	1.02	1.49	0.24 0.8
1	ENOPLIDAE (LPIL)	2.44	4.69	4.69	3.94	0.75 2.1
1	RHABDODEMANIDAE (LPIL)	0.0	0.0	1.22	0.41	0.41 0.2
1	ONCHOLAIMIDAE (LPIL)	1.02	4.07	4.07	3.06	1.02 1.6
6	NEMATODA (LPIL)	1.22	0.41	0.0	0.54	0.36 0.3
1	NEMATODA (LPIL)	6.72	6.93	10.80	8.15	1.33 4.4
6	POLYCHAETA (LPIL)	0.61	1.83	0.20	0.88	0.49 0.5
6	GASTROPODA (LPIL)	0.20	0.20	0.0	0.14	0.07 0.1
6	BIVALVIA (LPIL)	1.43	1.02	0.0	0.81	0.42 0.4
6	MOLLUSCA (LPIL)	0.0	0.0	0.61	0.20	0.20 0.1
1	HALACARIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07 0.0
1	OSTRACODA (LPIL)	2.85	0.20	0.20	1.09	0.88 0.6
1	CANUELLIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07 0.0
1	ECTINOSOMIDAE (LPIL)	0.61	0.41	0.61	0.54	0.07 0.3

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

LS	TAXA	1	2	3	X	S.E.	REL AB%
1	HARPACTICIDAE (LPIL)	0.41	0.20	0.0	0.20	0.12	0.1
1	DIOSACCIDAE (LPIL)	0.20	0.0	0.20	0.14	0.07	0.1
1	AMEIRIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.0
1	PARAMESOCHRIDAE (LPIL)	1.83	0.41	4.69	2.31	1.26	1.2
1	CYLINDROPSILIDAE (LPIL)	1.43	1.83	2.65	1.97	0.36	1.1
1	LAOPHONTIDAE (LPIL)	0.61	0.20	0.61	0.48	0.14	0.3
14	HARPACTICOIDA (LPIL)	0.0	0.0	1.63	0.54	0.54	0.3
1	HARPACTICOIDA (LPIL)	0.20	0.41	0.41	0.34	0.07	0.2
12	NAUPLIUS (LPIL)	1.02	0.20	0.41	0.54	0.24	0.3
1	SIPUNCULIDA (LPIL)	0.41	2.44	0.0	0.95	0.76	0.5
1	PRIAPULIDA (LPIL)	0.81	0.81	1.63	1.09	0.27	0.6
1	TARDIGRADA (LPIL)	0.41	0.0	1.02	0.48	0.30	0.3
1	INVERTEBRATE (LPIL)	0.0	9.57	0.0	3.19	3.19	1.7
1	ARCHIANNELIDA	0.0	0.61	0.0	0.20	0.20	0.1
TOTAL		166.84	187.61	206.56	187.00	11.47	100.0
DIVERSITY (H PRIME)		4.21	4.29	4.27	4.26	0.03	
DIVERSITY (J PRIME)		0.80	0.81	0.81	0.81	0.00	
NUMBER OF TAXA		38	40	38	47		

ABOVE COMPUTED USING SAMPLE IDS

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1053

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WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC  
6 1 43 1 1233

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL		WIND		CURRENT		TEMP			COND	DO	PH	SALN	P		
				UNITS	C			SP	D	UNITS	C	SECH	WT	SC	DI	CL	SP	DI						AIR	WAT
1221	2/11/77	1743	1	0.0	0	19.0	19.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	17.79	56	0.0	0	9.9	0.0	34.9	6
1222	2/11/77	1743	1	0.0	0	19.0	19.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	17.79	56	0.0	0	9.9	0.0	34.9	6
1223	2/11/77	1743	1	0.0	0	19.0	19.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	17.79	56	0.0	0	9.9	0.0	34.9	6

LS TAXA

LS	TAXA	REL			S.E.	ABX	
		1	2	3			
1	CILIOPHORA (LPIL)	3.26	3.67	6.31	4.41	0.96	3.5
1	HYDROZOA (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	TURBELLARIA-(LPIL)	1.83	1.83	5.30	2.99	1.15	2.4
1	NEMERTINA (LPIL)	0.61	0.20	0.81	0.54	0.18	0.4
1	GASTROTRICHA (LPIL)	9.78	16.09	29.13	18.33	5.70	14.6
1	KINORHYNCHA (LPIL)	0.20	0.20	1.02	0.48	0.27	0.4
1	DESMOSCOLECIDAE (LPIL)	7.33	6.72	7.13	7.06	0.18	5.6
1	COMESOMATIDAE (LPIL)	2.65	1.83	2.44	2.31	0.24	1.8
1	CHROMODORIDAE (LPIL)	8.56	5.70	10.19	8.15	1.31	6.5
1	CYATHOLAIMIDAE (LPIL)	6.31	5.70	6.72	6.25	0.30	5.0
1	CHONIOLOAIMIDAE (LPIL)	0.41	1.63	0.81	0.95	0.36	0.8
1	RICHTERSIIDAE (LPIL)	0.61	2.44	0.81	1.29	0.58	1.0
1	MONOPOSTHIIDAE (LPIL)	4.48	6.31	7.33	6.04	0.83	4.8
1	CERAMONEMATIDAE (LPIL)	7.94	6.93	13.24	9.37	1.96	7.5
1	DESMODORIDAE (LPIL)	10.59	9.78	21.19	13.85	3.67	11.1
1	LEPTOLAIMIDAE (LPIL)	2.44	0.0	1.43	1.29	0.71	1.0
1	AXONOLAIMIDAE (LPIL)	2.85	1.83	5.50	3.40	1.09	2.7
1	LINHOMOEIDAE (LPIL)	2.04	0.0	2.85	1.63	0.85	1.3
1	MONHYSTERIDAE (LPIL)	11.20	10.19	20.17	13.85	3.17	11.1
1	OXYSTOMINIDAE (LPIL)	0.61	1.22	0.81	0.88	0.18	0.7
1	IRONIDAE (LPIL)	0.61	0.0	0.81	0.48	0.24	0.4
1	TRIPYLOIDIDAE (LPIL)	0.0	0.41	0.0	0.14	0.14	0.1
1	ENOPLIDAE (LPIL)	5.50	1.22	3.87	3.53	1.25	2.8
1	ONCHOLAIMIDAE (LPIL)	1.83	0.81	1.02	1.22	0.31	1.0
1	ENCHELIDIIDAE (LPIL)	0.61	0.0	0.81	0.48	0.24	0.4
6	NEMATODA (LPIL)	1.02	0.41	2.04	1.15	0.48	0.9
1	NEMATODA (LPIL)	1.83	1.22	2.44	1.83	0.35	1.5
6	POLYCHAETA (LPIL)	0.41	0.0	1.43	0.61	0.42	0.5
1	OLIGOCHAETA (LPIL)	1.43	0.0	0.0	0.48	0.48	0.4
6	GASTROPODA (LPIL)	0.0	0.20	0.61	0.27	0.18	0.2
6	BIVALVIA (LPIL)	0.61	0.41	0.0	0.34	0.18	0.3
6	MOLLUSCA (LPIL)	0.0	0.0	0.41	0.14	0.14	0.1
1	HALACARIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	OSTRACODA (LPIL)	0.0	0.0	1.63	0.54	0.54	0.4
1	ECTINOSOMIDAE (LPIL)	0.41	0.61	0.61	0.54	0.07	0.4

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

LS	TAXA				-	S. E.	REL
		1	2	3	X		AB%
1	TACHIDIIDAE (LPIL)	0.0	0.20	0.20	0.14	0.07	0.1
1	HARPACTICIDAE (LPIL)	0.20	0.41	0.20	0.27	0.07	0.2
1	DIOSACCIDAE (LPIL)	0.20	0.0	0.41	0.20	0.12	0.2
1	PARAMESOCHRIDAE (LPIL)	1.02	1.22	1.02	1.09	0.07	0.9
1	CYLINDROPSILIDAE (LPIL)	1.02	1.02	1.22	1.09	0.07	0.9
1	CLETODIDAE (LPIL)	0.20	0.0	0.81	0.34	0.24	0.3
1	LAOPHONTIDAE (LPIL)	0.81	0.20	0.81	0.61	0.20	0.5
14	HARPACTICOIDA (LPIL)	2.24	0.61	1.22	1.36	0.48	1.1
1	HARPACTICOIDA (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
12	NAUPLIUS (LPIL)	0.20	0.41	1.22	0.61	0.31	0.5
1	SIPUNCULIDA (LPIL)	0.20	2.04	0.0	0.75	0.65	0.6
1	PRIAPULIDA (LPIL)	0.0	1.22	2.24	1.15	0.65	0.9
1	TARDIGRADA (LPIL)	2.04	0.81	3.87	2.24	0.89	1.8
1	INVERTEBRATE (LPIL)	0.0	1.43	0.0	0.48	0.48	0.4
TOTAL		106.34	97.58	172.13	125.35	23.53	100.0
DIVERSITY (H PRIME)		4.44	4.26	4.28	4.33	0.06	
DIVERSITY (J PRIME)		0.85	0.82	0.80	0.82	0.01	
NUMBER OF TAXA		38	37	40	47		

ABOVE COMPUTED USING SAMPLE IDS  
 1221      1222      1223

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WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

## STATION REPORT

PC TC GC S LOC  
6 1 43 1 1243

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL				WIND		CURENT			TEMP				COND	DO	PH	SALN	P
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR	WAT	BT					
1171	2/11/77	922	1	0.0	0	28.0	28.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	14.57	20	0.0	0	8.0	0.0	36.2	1	
1172	2/11/77	922	1	0.0	0	28.0	28.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	14.57	20	0.0	0	8.0	0.0	36.2	1	
1173	2/11/77	922	1	0.0	0	28.0	28.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	14.57	20	0.0	0	8.0	0.0	36.2	1	

LS	TAXA	REL			S.E.	ABX
		X				
		1	2	3		
1	CILIOPHORA (LPIL)	1.83	2.65	5.70	3.40	1.18 2.4
1	HYDROZOA (LPIL)	5.30	0.41	0.20	1.97	1.66 1.4
1	TURBELLARIA-(LPIL)	4.07	3.67	4.48	4.07	0.24 2.9
1	NEMERTINA (LPIL)	0.41	0.20	1.02	0.54	0.24 0.4
1	GASTROTRICHA (LPIL)	32.59	27.09	19.35	26.35	3.84 18.8
1	KINORHYNCHA (LPIL)	0.0	0.61	0.81	0.48	0.24 0.3
1	DESMOSCOLECIDAE(LPIL)	2.04	2.24	1.83	2.04	0.12 1.5
1	COMESOMATIDAE (LPIL)	0.61	0.81	0.20	0.54	0.18 0.4
1	CHROMODORIDAE (LPIL)	5.09	5.30	6.72	5.70	0.51 4.1
1	CYATHOLAIMIDAE (LPIL)	9.98	10.80	14.46	11.75	1.38 8.4
1	CHONIOLAIMIDAE (LPIL)	1.22	0.81	0.81	0.95	0.14 0.7
1	EPSILONEMATIDAE (LPIL)	0.0	0.0	0.61	0.20	0.20 0.1
1	RICHTERSIIDAE (LPIL)	0.61	0.81	0.61	0.68	0.07 0.5
1	MONOPOSTHIIDAE (LPIL)	5.91	5.09	6.31	5.77	0.36 4.1
1	CERAMONEMATIDAE (LPIL)	7.94	6.52	4.48	6.31	1.00 4.5
1	DESMODORIDAE (LPIL)	16.70	15.28	16.09	16.02	0.41 11.4
1	LEPTOLAIMIDAE (LPIL)	1.02	1.22	0.81	1.02	0.12 0.7
1	AXONOLAIMIDAE (LPIL)	4.48	3.67	4.89	4.35	0.36 3.1
1	ARAEOLAIMIDA (LPIL)	0.0	0.61	0.61	0.41	0.20 0.3
1	LINHOMOEIDAE (LPIL)	2.24	2.44	3.67	2.78	0.45 2.0
1	MONHYSTERIDAE (LPIL)	10.80	15.69	8.56	11.68	2.10 8.3
1	OXYSTOMINIDAE (LPIL)	1.83	0.0	1.63	1.15	0.58 0.8
1	TRIPYLOIDIDAE (LPIL)	0.41	0.0	0.61	0.34	0.18 0.2
1	ENOPLIDAE (LPIL)	0.0	1.02	1.22	0.75	0.38 0.5
1	ONCHOLAIMIDAE (LPIL)	0.61	1.43	4.07	2.04	1.05 1.5
1	ENCHELIDIIDAE (LPIL)	0.41	0.0	0.61	0.34	0.18 0.2
6	NEMATODA (LPIL)	1.02	0.0	0.81	0.61	0.31 0.4
1	NEMATODA (LPIL)	2.65	2.44	0.81	1.97	0.58 1.4
6	POLYCHAETA (LPIL)	5.09	2.85	10.39	6.11	2.23 4.4
1	OLIGOCHAETA (LPIL)	0.61	0.41	0.20	0.41	0.12 0.3
6	GASTROPODA (LPIL)	0.0	0.20	0.0	0.07	0.07 0.0
6	BIVALVIA (LPIL)	0.41	0.20	1.02	0.54	0.24 0.4
1	OSTRACODA (LPIL)	0.61	1.22	0.0	0.61	0.35 0.4
1	LONGIPEDIDAE (LPIL)	0.20	0.20	0.20	0.20	0.0 0.1
1	ECTINOSOMIDAE (LPIL)	0.0	0.61	0.20	0.27	0.18 0.2

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

LS	TAXA	1	2	3	X	S.E.	REL AB%
1	TACHIDIIDAE (LPIL)	0.20	0.0	0.20	0.14	0.07	0.1
1	THALESTRIDAE (LPIL)	0.20	0.20	1.02	0.48	0.27	0.3
1	PARASTENHELIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.0
1	DIOSACCIDAE (LPIL)	5.30	1.83	3.26	3.46	1.00	2.5
1	AMEIRIDAE (LPIL)	1.02	0.81	1.02	0.95	0.07	0.7
1	PARAMESOCHRIDAE (LPIL)	0.81	2.04	2.85	1.90	0.59	1.4
1	CANTHOCAMPTIDAE (LPIL)	0.20	0.0	0.61	0.27	0.18	0.2
1	CYLINDROPSILIDAE (LPIL)	2.65	2.24	6.11	3.67	1.23	2.6
1	CLETODIDAE (LPIL)	0.20	0.0	0.41	0.20	0.12	0.1
1	LAOPHONTIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.0
14	HARPACTICOIDA (LPIL)	1.63	2.85	1.22	1.90	0.49	1.4
1	HARPACTICOIDA (LPIL)	0.20	0.41	0.0	0.20	0.12	0.1
12	NAUPLIUS (LPIL)	1.22	1.22	0.81	1.09	0.14	0.8
1	SIPUNCULIDA (LPIL)	1.02	0.41	0.0	0.48	0.30	0.3
1	PRIAPULIDA (LPIL)	0.41	1.43	1.63	1.15	0.38	0.8
1	TARDIGRADA (LPIL)	0.81	1.43	0.61	0.95	0.24	0.7
1	INVERTEBRATE (LPIL)	1.63	0.0	0.0	0.54	0.54	0.4
1	ARCHIANNELIDA	0.20	0.0	0.0	0.07	0.07	0.0
	TOTAL	144.63	131.59	143.82	140.01	4.22	100.0
	DIVERSITY (H PRIME)	4.26	4.23	4.50	4.33	0.08	
	DIVERSITY (J PRIME)	0.78	0.79	0.82	0.80	0.01	
	NUMBER OF TAXA	44	41	44	51		

ABOVE COMPUTED USING SAMPLE IDS  
1171 1172 1173

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC  
6 1 43 1 1253

SID	DATE	TIME	D/N	DURATION			TOW				SAMP VOL				WIND		CURENT				TEMP								
				UNITS	C	SD	WD	SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR	WAT	BT	TURBD	COND	DO	PH	SALN	P	
1131	2/10/77	2254	2	0.0	0	44.0	44.0	0.0	0	600.0	7	0.0	0	0	0	0	0.0	0	0.0	0	0.0	15.00	20	0.0	0	7.6	0.0	36.3	6
1132	2/10/77	2254	2	0.0	0	44.0	44.0	0.0	0	600.0	7	0.0	0	0	0	0	0.0	0	0.0	0	0.0	15.00	20	0.0	0	7.6	0.0	36.3	6
1133	2/10/77	2254	2	0.0	0	44.0	44.0	0.0	0	600.0	7	0.0	0	0	0	0	0.0	0	0.0	0	0.0	15.00	20	0.0	0	7.6	0.0	36.3	6

LS	TAXA				REL		
		1	2	3	X	S.E.	ABX
1	CILIOPHORA (LPIL)	2.44	0.81	0.20	1.15	0.67	1.9
1	TURBELLARIA-(LPIL)	0.41	1.83	0.81	1.02	0.42	1.7
1	NEMERTINA (LPIL)	0.81	0.61	0.61	0.68	0.07	1.1
1	GASTROTRICHA (LPIL)	7.54	6.93	5.91	6.79	0.48	11.3
1	KINORHYNCHA (LPIL)	0.41	0.81	0.20	0.48	0.18	0.8
1	DESMOSCOLECIDAE(LPIL)	1.43	2.24	2.04	1.90	0.24	3.2
1	COMESOMATIDAE (LPIL)	0.61	0.0	0.20	0.27	0.18	0.5
1	CHROMODORIDAE (LPIL)	2.44	3.46	2.44	2.78	0.34	4.6
1	CYATHOLAIMIDAE (LPIL)	2.44	5.30	3.26	3.67	0.85	6.1
1	CHONIOLAIMIDAE (LPIL)	1.63	0.81	0.81	1.09	0.27	1.8
1	MEYLIIDAE (LPIL)	0.0	0.81	0.0	0.27	0.27	0.5
1	DRACONEMATIDAE (LPIL)	0.20	0.41	0.0	0.20	0.12	0.3
1	RICHTERSIIDAE (LPIL)	1.63	0.20	2.04	1.29	0.56	2.1
1	MONOPOSTHIIDAE (LPIL)	0.20	0.41	0.81	0.48	0.18	0.8
1	CERAMONEMATIDAE (LPIL)	1.63	1.83	1.22	1.56	0.18	2.6
1	DESMODORIDAE (LPIL)	12.83	10.59	6.31	9.91	1.91	16.5
1	LEPTOLAIMIDAE (LPIL)	0.41	0.20	0.61	0.41	0.12	0.7
1	AXONOLAIMIDAE (LPIL)	2.24	3.26	2.04	2.51	0.38	4.2
1	LINHOMOEIDAE (LPIL)	2.65	2.24	1.43	2.10	0.36	3.5
1	MONHYSTERIDAE (LPIL)	5.70	6.93	5.91	6.18	0.38	10.3
1	OXYSTOMINIDAE (LPIL)	0.61	1.63	0.41	0.88	0.38	1.5
1	ANTICOMIDAE (LPIL)	0.61	0.20	0.20	0.34	0.14	0.6
1	ENOPLIDAE (LPIL)	0.61	0.20	0.81	0.54	0.18	0.9
1	ONCHOLAIMIDAE (LPIL)	0.61	0.41	0.0	0.34	0.18	0.6
6	NEMATODA (LPIL)	1.83	0.41	1.43	1.22	0.42	2.0
1	NEMATODA (LPIL)	1.43	0.81	0.41	0.88	0.30	1.5
6	POLYCHAETA (LPIL)	0.81	1.43	0.0	0.75	0.41	1.2
1	POLYCHAETA (LPIL)	0.0	0.0	1.02	0.34	0.34	0.6
1	OLIGOCHAETA (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
6	GASTROPODA (LPIL)	0.20	0.61	0.0	0.27	0.18	0.5
6	BIVALVIA (LPIL)	0.81	0.41	0.0	0.41	0.24	0.7
1	OSTRACODA (LPIL)	0.0	0.81	0.41	0.41	0.24	0.7
1	CANUELLIDAE (LPIL)	0.0	0.20	0.20	0.14	0.07	0.2
1	ECTINOSOMIDAE (LPIL)	0.20	0.20	0.0	0.14	0.07	0.2
1	HARPACTICIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

LS	TAXA	1	2	3	- X	S.E.	REL AB%
1	THALESTRIDAE (LPIL)	0.0	0.0	0.41	0.14	0.14	0.2
1	DIOSACCIDAE (LPIL)	3.06	0.61	1.02	1.56	0.76	2.6
1	AMEIRIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	PARAMESOCHRIDAE (LPIL)	0.81	1.02	1.22	1.02	0.12	1.7
1	CYLINDROPSILIDAE (LPIL)	0.41	1.02	1.43	0.95	0.30	1.6
1	LAOPHONTIDAE (LPIL)	0.0	0.41	0.20	0.20	0.12	0.3
14	HARPACTICOIDA (LPIL)	0.20	0.81	1.43	0.81	0.35	1.4
12	NAUPLIUS (LPIL)	0.41	2.85	4.28	2.51	1.13	4.2
1	SIPUNCULIDA (LPIL)	0.0	0.41	0.20	0.20	0.12	0.3
1	PRIAPULIDA (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
1	TARDIGRADA (LPIL)	0.61	1.22	1.02	0.95	0.18	1.6
1	INVERTEBRATE (LPIL)	0.20	0.20	0.0	0.14	0.07	0.2
	TOTAL	81.52	66.00	52.96	60.16	3.82	100.0
	DIVERSITY (H PRIME)	4.25	4.46	4.43	4.38	0.06	
	DIVERSITY (J PRIME)	0.82	0.83	0.87	0.84	0.02	
	NUMBER OF TAXA	37	41	34	45		

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC  
6 1 43 1 1363

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL			WIND		CURRENT			TEMP			COND	DO	PH	SALN	P	
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR						WAT
1091	2/10/77	1306	1	0.0	0	317.5	317.5	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	7.95	56	0.0	0	5.2	0.0	35.1	6
1092	2/10/77	1306	1	0.0	0	317.5	317.5	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	7.95	56	0.0	0	5.2	0.0	35.1	6	
1093	2/10/77	1306	1	0.0	0	317.5	317.5	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	7.95	56	0.0	0	5.2	0.0	35.1	6	

LS	TAXA	REL			X	S.E.	ABX
		1	2	3			
1	HYDROZOA (LPIL)	0.0	0.20	0.0	0.07	0.07	0.2
1	TURBELLARIA-(LPIL)	0.81	1.22	0.20	0.75	0.30	2.6
1	NEMERTINA (LPIL)	0.41	0.41	0.0	0.27	0.14	0.9
1	GASTROTRICHA (LPIL)	6.52	6.11	0.61	4.41	1.90	15.3
1	DESMOSCOLECIDAE (LPIL)	1.63	2.65	1.22	1.83	0.42	6.3
1	COMESOMATIDAE (LPIL)	0.61	1.83	1.43	1.29	0.36	4.5
1	CHROMODORIDAE (LPIL)	1.63	1.22	0.61	1.15	0.30	4.0
1	CYATHOLAIMIDAE (LPIL)	0.81	1.43	0.61	0.95	0.24	3.3
1	CHONIOLAIMIDAE (LPIL)	0.81	0.41	0.0	0.41	0.24	1.4
1	RICHTERSIIDAE (LPIL)	0.0	0.41	0.0	0.14	0.14	0.5
1	CERAMONEMATIDAE (LPIL)	0.20	0.61	0.41	0.41	0.12	1.4
1	DESMODORIDAE (LPIL)	5.70	8.56	5.30	6.52	1.03	22.5
1	DESMODORIDA (LPIL)	0.0	0.0	1.83	0.61	0.61	2.1
1	LEPTOLAIMIDAE (LPIL)	0.41	3.67	0.0	1.36	1.16	4.7
1	AXONOLAIMIDAE (LPIL)	0.41	0.41	0.0	0.27	0.14	0.9
1	LINHOMOEIDAE (LPIL)	0.20	1.83	0.61	0.88	0.49	3.1
1	MONHYSTERIDAE (LPIL)	3.06	3.46	2.04	2.85	0.42	9.9
1	OXYSTOMINIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.2
1	ANTICOMIDAE (LPIL)	0.61	0.0	0.0	0.20	0.20	0.7
1	ENOPLIDAE (LPIL)	0.20	0.41	0.0	0.20	0.12	0.7
6	NEMATODA (LPIL)	0.61	0.61	0.20	0.48	0.14	1.6
1	NEMATODA (LPIL)	1.02	1.22	0.0	0.75	0.38	2.6
6	POLYCHAETA (LPIL)	0.81	0.81	0.20	0.61	0.20	2.1
1	OLIGOCHAETA (LPIL)	0.0	0.20	0.20	0.14	0.07	0.5
6	BIVALVIA (LPIL)	0.20	0.0	0.20	0.14	0.07	0.5
1	OSTRACODA (LPIL)	0.20	0.41	0.0	0.20	0.12	0.7
1	ECTINOSOMIDAE (LPIL)	0.20	0.20	0.0	0.14	0.07	0.5
1	DIOSACCIDAE (LPIL)	0.61	0.61	0.0	0.41	0.20	1.4
1	PARAMESOCHRIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.2
1	CYLINDROPSILIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.2
1	CLETODIDAE (LPIL)	0.41	0.0	0.0	0.14	0.14	0.5
14	HARPACTICOIDA (LPIL)	0.41	0.20	0.0	0.20	0.12	0.7
1	HARPACTICOIDA (LPIL)	0.20	0.0	0.20	0.14	0.07	0.5
12	NAUPLIUS (LPIL)	0.0	1.22	0.0	0.41	0.41	1.4
12	UNIDENTIFIED: 102019901	0.61	0.0	0.0	0.20	0.20	0.7

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STATION REPORT

LS	TAXA	1	2	3	- X	S.E.	REL AB%
1	PRIAPULIDA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.2
1	TARDIGRADA (LPIL)	0.0	0.41	0.0	0.14	0.14	0.5
TOTAL		29.54	41.15	16.09	28.93	7.24	100.0
DIVERSITY (H PRIME)		3.81	3.95	3.26	3.67	0.21	
DIVERSITY (J PRIME)		0.81	0.82	0.80	0.81	0.01	
NUMBER OF TAXA		26	28	17	35		

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 36	23	24	- X	S.E.	REL AB%
1	CILIOPHORA (LPIL)	2.78 1.15	7.94 0.0	4.41	3.40	3.28	1.13	2.9
1	HYDROZOA (LPIL)	0.0 0.0	0.0 0.07	0.07	1.97	0.35	0.32	0.3
1	TURBELLARIA-(LPIL)	2.78 1.02	4.14 0.75	2.99	4.07	2.63	0.60	2.3
1	NEMERTINA (LPIL)	0.54 0.68	1.56 0.27	0.54	0.54	0.69	0.18	0.6
1	GASTROTRICHA (LPIL)	9.23 6.79	16.50 4.41	18.33	26.35	13.60	3.38	12.2
151	KINORHYNCHA (LPIL)	0.0 0.48	0.14 0.0	0.48	0.48	0.26	0.10	0.2
1	DESMOSCOLECIDAE(LPIL)	2.85 1.90	3.73 1.83	7.06	2.04	3.24	0.82	2.9
1	COMESOMATIDAE (LPIL)	3.73 0.27	4.07 1.29	2.31	0.54	2.04	0.66	1.8
1	CHROMODORIDAE (LPIL)	10.05 2.78	16.64 1.15	8.15	5.70	7.41	2.28	6.6
1	CYATHOLAIMIDAE (LPIL)	11.68 3.67	18.74 0.95	6.25	11.75	8.84	2.65	7.9
1	CHONIALAIMIDAE (LPIL)	1.90 1.09	2.65 0.41	0.95	0.95	1.32	0.33	1.2
1	SELANCHONEMATIDAE (LPIL)	0.34 0.0	0.0 0.0	0.0	0.0	0.06	0.06	0.1
1	MEYLIIDAE (LPIL)	0.0 0.27	0.07 0.0	0.0	0.0	0.06	0.04	0.1
1	DRACONEMATIDAE (LPIL)	0.0 0.20	0.0 0.0	0.0	0.0	0.03	0.03	0.0

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 36	23	24	- X	S.E.	REL AB%
1	EPSILONEMATIDAE (LPIL)	0.0 0.0	0.0 0.0	0.0	0.20	0.03	0.03	0.0
1	RICHTERSIIDAE (LPIL)	2.24 1.29	3.26 0.14	1.29	0.68	1.48	0.46	1.3
1	MONOPOSTHIIDAE (LPIL)	8.62 0.48	4.28 0.0	6.04	5.77	4.20	1.38	3.8
1	CERAMONEMATIDAE (LPIL)	4.41 1.56	11.88 0.41	9.37	6.31	5.66	1.82	5.1
1	DESMODORIDAE (LPIL)	13.92 9.91	11.88 6.52	13.85	16.02	12.02	1.39	10.7
1	DESMODORIDA (LPIL)	0.0 0.0	0.0 0.61	0.0	0.0	0.10	0.10	0.1
1	LEPTOLAIMIDAE (LPIL)	0.75 0.41	2.72 1.36	1.29	1.02	1.26	0.33	1.1
1	AXONOLAIMIDAE (LPIL)	3.40 2.51	7.54 0.27	3.40	4.35	3.58	0.97	3.2
1	ARAEOLAIMIDA (LPIL)	0.0 0.0	0.0 0.0	0.0	0.41	0.07	0.07	0.1
1	LINHOMOEIDAE (LPIL)	3.80 2.10	3.60 0.88	1.63	2.78	2.47	0.47	2.2
1	MONHYSTERIDAE (LPIL)	25.87 6.18	30.35 2.85	13.85	11.68	15.13	4.44	13.5
1	OXYSTOMINIDAE (LPIL)	0.68 0.88	1.02 0.07	0.88	1.15	0.78	0.16	0.7
1	IRONIDAE (LPIL)	0.0 0.0	0.41 0.0	0.48	0.0	0.15	0.09	0.1
1	TRIPYLOIDIDAE (LPIL)	0.61 0.0	1.49 0.0	0.14	0.34	0.43	0.23	0.4

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MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 36	23	24	- X	S.E.	REL AB%
1	ANTICOMIDAE (LPIL)	0.0 0.34	0.0 0.20	0.0	0.0	0.09	0.06	0.1
1	ENOPLIDAE (LPIL)	1.15 0.54	3.94 0.20	3.53	0.75	1.69	0.66	1.5
1	RHABDODEMANIDAE (LPIL)	0.0 0.0	0.41 0.0	0.0	0.0	0.07	0.07	0.1
1	ONCHOLAIMIDAE (LPIL)	0.20 0.34	3.06 0.0	1.22	2.04	1.14	0.49	1.0
1	ENCHELIDIIDAE (LPIL)	0.20 0.0	0.0 0.0	0.48	0.34	0.17	0.08	0.2
6	NEMATODA (LPIL)	0.48 1.22	0.54 0.48	1.15	0.61	0.75	0.14	0.7
1	NEMATODA (LPIL)	5.02 0.88	8.15 0.75	1.83	1.97	3.10	1.19	2.8
6	POLYCHAETA (LPIL)	0.68 0.75	0.88 0.61	0.61	6.11	1.61	0.90	1.4
1	POLYCHAETA (LPIL)	0.0 0.34	0.0 0.0	0.0	0.0	0.06	0.06	0.1
1	OLIGOCHAETA (LPIL)	1.09 0.07	0.0 0.14	0.48	0.41	0.36	0.16	0.3
1	GASTROPODA (LPIL)	0.20 0.0	0.0 0.0	0.0	0.0	0.03	0.03	0.0
6	GASTROPODA (LPIL)	0.07 0.27	0.14 0.0	0.27	0.07	0.14	0.05	0.1
6	BIVALVIA (LPIL)	0.75 0.41	0.81 0.14	0.34	0.54	0.50	0.10	0.4
6	MOLLUSCA (LPIL)	0.0 0.0	0.20 0.0	0.14	0.0	0.06	0.04	0.1

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 36	23	24	- X	S.E.	REL ABX
1	HALACARIDAE (LPIL)	0.07 0.0	0.07 0.0	0.07	0.0	0.03	0.02	0.0
1	OSTRACODA (LPIL)	0.54 0.41	1.09 0.20	0.54	0.61	0.57	0.12	0.5
1	SAPHIRELLA (LPIL)	0.07 0.0	0.0 0.0	0.0	0.0	0.01	0.01	0.0
1	LONGIPEDIDAE (LPIL)	0.0 0.0	0.0 0.0	0.0	0.20	0.03	0.03	0.0
1	CANUELLIDAE (LPIL)	0.07 0.14	0.07 0.0	0.0	0.0	0.05	0.02	0.0
1	ECTINOSOMIDAE (LPIL)	0.0 0.14	0.54 0.14	0.54	0.27	0.27	0.09	0.2
1	TACHIDIIDAE (LPIL)	0.0 0.0	0.0 0.0	0.14	0.14	0.05	0.03	0.0
1	HARPACTICIDAE (LPIL)	0.0 0.07	0.20 0.0	0.27	0.0	0.09	0.05	0.1
1	THALESTRIDAE (LPIL)	0.0 0.14	0.0 0.0	0.0	0.48	0.10	0.08	0.1
1	PARASTENHELIDAE (LPIL)	0.0 0.0	0.0 0.0	0.0	0.07	0.01	0.01	0.0
1	DIOSACCIDAE (LPIL)	0.0 1.56	0.14 0.41	0.20	3.46	0.96	0.55	0.9
1	AMEIRIDAE (LPIL)	0.14 0.07	0.07 0.0	0.0	0.95	0.20	0.15	0.2
1	PARAMESOCHRIDAE (LPIL)	3.60 1.02	2.31 0.07	1.09	1.90	1.66	0.50	1.5
1	CANTHOCAMPTIDAE (LPIL)	0.0 0.0	0.0 0.0	0.0	0.27	0.05	0.05	0.0

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 36	23	24	- X	S. E.	REL AB%
1	CYLINDROPSILIDAE (LPIL)	0.41 0.95	1.97 0.07	1.09	3.67	1.36	0.53	1.2
1	CLETODIDAE (LPIL)	0.07 0.0	0.0 0.14	0.34	0.20	0.12	0.05	0.1
1	LAOPHONTIDAE (LPIL)	0.0 0.20	0.48 0.0	0.61	0.07	0.23	0.11	0.2
14	HARPACTICOIDA (LPIL)	1.43 0.81	0.54 0.20	1.36	1.90	1.04	0.26	0.9
1	HARPACTICOIDA (LPIL)	0.07 0.0	0.34 0.14	0.07	0.20	0.14	0.05	0.1
15 12	NAUPLIUS (LPIL)	0.20 2.51	0.54 0.41	0.61	1.09	0.89	0.35	0.8
12	UNIDENTIFIED: 102019901	0.0 0.0	0.0 0.20	0.0	0.0	0.03	0.03	0.0
1	SIPUNCULIDA (LPIL)	1.63 0.20	0.95 0.0	0.75	0.48	0.67	0.24	0.6
1	PRIAPULIDA (LPIL)	0.41 0.07	1.09 0.07	1.15	1.15	0.66	0.22	0.6
1	TARDIGRADA (LPIL)	0.27 0.95	0.48 0.14	2.24	0.95	0.84	0.31	0.7
1	INVERTEBRATE (LPIL)	1.09 0.14	3.19 0.0	0.48	0.54	0.91	0.48	0.8
1	ARCHIANNELIDA	0.0 0.0	0.20 0.0	0.0	0.07	0.05	0.03	0.0
TOTAL		130.10 60.16	187.00 28.93	125.35	140.01	111.93	23.46	100.0
DIVERSITY (H PRIME)		4.07 4.38	4.26 3.67	4.33	4.33	4.17	0.11	

BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11	12	23	24	- X	S.E.	REL ABX
		25	36					
DIVERSITY (J PRIME)		0.81 0.84	0.81 0.81	0.82	0.80	0.82	0.01	
NUMBER OF TAXA		42 45	47 35	47	51	64		

ABOVE COMPUTED USING SAMPLE IDS

1011	1012	1013	1051
1052	1053	1221	1222
1223	1171	1172	1173
1131	1132	1133	1091
1092	1093		

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC  
6 1 43 1 2113

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL				WIND		CURRENT		TEMP				COND	DO	PH	SALN	P
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR	WAT					
1261	2/12/77	919	1	0.0	0	12.5	12.5	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	7.77	30	0.0	0	10.4	0.0	33.5	6
1262	2/12/77	919	1	0.0	0	12.5	12.5	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	7.77	30	0.0	0	10.4	0.0	33.5	6
1263	2/12/77	919	1	0.0	0	12.5	12.5	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	7.77	30	0.0	0	10.4	0.0	33.5	6

LS	TAXA	1	2	3	X	S.E.	AB%
1	CILIOPHORA (LPIL)	1.02	0.61	0.61	0.75	0.14	0.5
1	TURBELLARIA-(LPIL)	2.65	2.65	1.83	2.38	0.27	1.6
1	NEMERTINA (LPIL)	0.0	0.61	0.41	0.34	0.18	0.2
1	GASTROTRICHA (LPIL)	11.00	27.91	18.54	19.15	4.89	13.0
1	KINORHYNCHA (LPIL)	1.63	2.85	1.63	2.04	0.41	1.4
1	DESMOSCOLECIDAE(LPIL)	3.26	11.20	4.28	6.25	2.50	4.2
1	COMESOMATIDAE (LPIL)	0.41	0.81	1.22	0.81	0.24	0.6
1	CHROMODORIDAE (LPIL)	5.70	5.91	10.80	7.47	1.66	5.1
1	CYATHOLAIMIDAE (LPIL)	4.89	5.30	4.28	4.82	0.30	3.3
1	CHONIOLAIMIDAE (LPIL)	0.81	1.43	2.44	1.56	0.48	1.1
1	DRACONEMATIDAE (LPIL)	2.85	3.06	2.04	2.65	0.31	1.8
1	EPSILONEMATIDAE (LPIL)	0.0	0.0	2.85	0.95	0.95	0.6
1	MONOPOSTHIIDAE (LPIL)	0.81	2.24	1.22	1.43	0.42	1.0
1	CERAMONEMATIDAE (LPIL)	0.81	0.81	1.83	1.15	0.34	0.8
1	DESMODORIDAE (LPIL)	10.59	15.89	17.93	14.80	2.19	10.0
1	DESMODORIDA (LPIL)	0.41	0.0	0.0	0.14	0.14	0.1
1	LEPTOLAIMIDAE (LPIL)	1.22	0.0	7.54	2.92	2.34	2.0
1	AXONOLAIMIDAE (LPIL)	1.02	3.67	1.83	2.17	0.78	1.5
1	SIPHONOLAIMIDAE (LPIL)	0.0	0.81	0.0	0.27	0.27	0.2
1	LINHOMOEIDAE (LPIL)	0.61	0.81	1.63	1.02	0.31	0.7
1	MONHYSTERIDAE (LPIL)	6.72	16.50	10.39	11.20	2.85	7.6
1	OXYSTOMINIDAE (LPIL)	0.81	0.0	3.26	1.36	0.98	0.9
1	IRONIDAE (LPIL)	0.41	0.0	0.41	0.27	0.14	0.2
1	ENOPLIDAE (LPIL)	0.41	0.81	0.0	0.41	0.24	0.3
1	RHABDODEMANIDAE (LPIL)	0.41	0.0	0.0	0.14	0.14	0.1
1	ONCHOLAIMIDAE (LPIL)	1.63	0.81	0.61	1.02	0.31	0.7
6	NEMATODA (LPIL)	0.81	1.43	1.02	1.09	0.18	0.7
1	NEMATODA (LPIL)	0.81	0.81	2.65	1.43	0.61	1.0
6	POLYCHAETA (LPIL)	5.30	6.93	3.87	5.36	0.88	3.6
1	OLIGOCHAETA (LPIL)	0.0	0.81	0.61	0.48	0.24	0.3
6	BIVALVIA (LPIL)	2.24	1.02	3.26	2.17	0.65	1.5
1	HALACARIDAE (LPIL)	0.0	0.41	0.81	0.41	0.24	0.3
1	OSTRACODA (LPIL)	3.46	4.28	6.72	4.82	0.98	3.3
1	CYCLOPOIDA (LPIL)	0.20	0.0	0.0	0.07	0.07	0.0
1	ECTINOSOMIDAE (LPIL)	0.81	0.81	1.22	0.95	0.14	0.6

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

LS	TAXA	1	2	3	- X	S.E.	REL AB%
1	TACHIDIIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.0
1	HARPACTICIDAE (LPIL)	0.0	0.81	0.41	0.41	0.24	0.3
1	THALESTRIDAE (LPIL)	0.61	0.0	0.0	0.20	0.20	0.1
1	PARASTENHELIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.0
1	DIDSACCIDAE (LPIL)	3.26	10.19	4.07	5.84	2.19	4.0
1	AMEIRIDAE (LPIL)	0.41	1.63	1.22	1.09	0.36	0.7
1	PARAMESOCHRIDAE (LPIL)	1.63	2.04	2.85	2.17	0.36	1.5
1	CANTHOCAMPTIDAE (LPIL)	0.0	0.81	0.0	0.27	0.27	0.2
1	CYLINDROPSILIDAE (LPIL)	3.87	8.35	6.31	6.18	1.30	4.2
1	CLETODIDAE (LPIL)	0.0	1.63	0.41	0.68	0.49	0.5
1	LAOPHONTIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.0
14	HARPACTICOIDA (LPIL)	2.04	2.85	3.67	2.85	0.47	1.9
1	HARPACTICOIDA (LPIL)	0.0	0.20	0.0	0.07	0.07	0.0
1	CIRRIPIEDIA (LPIL)	0.20	0.0	0.0	0.07	0.07	0.0
12	NAUPLIUS (LPIL)	9.57	13.04	18.94	13.85	2.74	9.4
1	SIPUNCULIDA (LPIL)	0.0	0.41	0.0	0.14	0.14	0.1
1	PRIAPULIDA (LPIL)	0.20	0.0	0.0	0.07	0.07	0.0
1	TARDIGRADA (LPIL)	6.52	9.78	11.41	9.23	1.44	6.3
TOTAL		102.06	172.95	167.65	147.55	22.80	100.0
DIVERSITY (H PRIME)		4.56	4.37	4.54	4.49	0.06	
DIVERSITY (J PRIME)		0.86	0.83	0.85	0.85	0.01	
NUMBER OF TAXA		39	38	41	51		

ABOVE COMPUTED USING SAMPLE IDS  
1261 1262 1263

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC  
6 1 43 1 2123

SID	DATE	TIME	D/N	DURATION			TOW				SAMP VOL				WIND		CURRENT			TEMP			COND	DO	PH	SALN	P
				UNITS	C	SD	WD	SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR	WAT	BT					
1301	2/12/77	2139	1	0.0	0	16.0	16.0	0.0	0	600.0	7	0.0	0	0	0	0	0	0.0	8.94	55	0.0	0	10.1	0.0	34.8	6	
1302	2/12/77	2139	1	0.0	0	16.0	16.0	0.0	0	600.0	7	0.0	0	0	0	0	0.0	8.94	55	0.0	0	10.1	0.0	34.8	6		
1303	2/12/77	2139	1	0.0	0	16.0	16.0	0.0	0	600.0	7	0.0	0	0	0	0	0.0	8.94	55	0.0	0	10.1	0.0	34.8	6		

LS TAXA

		1	2	3	X	S.E.	REL ABX
6	UNIDENTIFIED: 11990000	2.65	0.0	0.0	0.88	0.88	0.8
1	CILIOPHORA (LPIL)	0.0	1.22	0.0	0.41	0.41	0.4
1	HYDROZOA (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
1	TURBELLARIA-(LPIL)	1.43	0.61	0.81	0.95	0.81	0.8
1	NEMERTINA (LPIL)	14.26	0.61	0.81	5.23	4.52	4.6
1	GASTROTRICHA (LPIL)	7.13	7.33	15.28	9.91	2.68	8.6
1	KINORHYNCHA (LPIL)	0.20	0.20	0.81	0.41	0.20	0.4
1	DESMOSCOLECIDAE (LPIL)	2.04	3.06	5.70	3.60	1.09	3.1
159	1 COMESOMATIDAE (LPIL)	0.41	0.20	0.41	0.34	0.07	0.3
1	CHROMODORIDAE (LPIL)	5.70	5.09	7.74	6.18	0.80	5.4
1	CYATHOLAIMIDAE (LPIL)	1.02	0.20	2.44	1.22	0.65	1.1
1	SELANCHONEMATIDAE (LPIL)	0.20	0.0	0.20	0.14	0.07	0.1
1	DRACONEMATIDAE (LPIL)	1.22	0.20	1.02	0.81	0.31	0.7
1	EPSILONEMATIDAE (LPIL)	2.24	4.48	17.93	8.22	4.90	7.2
1	RICHTERSIIDAE (LPIL)	0.0	0.61	0.20	0.27	0.18	0.2
1	CERAMONEMATIDAE (LPIL)	0.61	0.20	0.41	0.41	0.12	0.4
1	DESMODORIDAE (LPIL)	3.87	7.13	9.17	6.72	1.54	5.9
1	RHABDOLAIMIDAE (LPIL)	0.0	0.41	0.0	0.14	0.14	0.1
1	LEPTOLAIMIDAE (LPIL)	0.81	2.04	0.81	1.22	0.41	1.1
1	AXONOLAIMIDAE (LPIL)	0.20	0.41	0.0	0.20	0.12	0.2
1	LINHOMOEIDAE (LPIL)	0.41	1.02	0.20	0.54	0.24	0.5
1	MONHYSTERIDAE (LPIL)	2.65	1.83	6.72	3.73	1.51	3.3
1	OXYSTOMINIDAE (LPIL)	0.41	0.61	1.02	0.68	0.18	0.6
1	TRIPYLOIDIDAE (LPIL)	0.0	0.0	0.61	0.20	0.20	0.2
1	ANTICOMIDAE (LPIL)	0.41	0.0	0.41	0.27	0.14	0.2
1	ENOPLIDAE (LPIL)	0.41	0.0	0.61	0.34	0.18	0.3
1	RHABDODEMANIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
1	ONCHOLAIMIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
1	ENCHELIDIIDAE (LPIL)	0.20	0.41	0.41	0.34	0.07	0.3
6	NEMATODA (LPIL)	0.61	0.0	1.02	0.54	0.30	0.5
1	NEMATODA (LPIL)	0.81	0.61	0.81	0.75	0.07	0.7
6	POLYCHAETA (LPIL)	4.48	3.46	3.46	3.80	0.34	3.3
1	OLIGOCHAETA (LPIL)	0.0	0.61	0.61	0.34	0.18	0.3
6	GASTROPODA (LPIL)	0.41	0.0	0.0	0.14	0.14	0.1
6	BIVALVIA (LPIL)	0.0	1.63	1.63	1.09	0.54	0.9

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## BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

## STATION REPORT

LS	TAXA	1	2	3	- X	S. E.	REL AB%
1	HALACARIDAE (LPIL)	1.63	0.61	2.24	1.49	0.48	1.3
1	OSTRACODA (LPIL)	13.85	5.09	11.20	10.05	2.59	8.8
1	CYCLOPOIDA (LPIL)	0.20	1.63	1.22	1.02	0.42	0.9
1	ECTINOSOMIDAE (LPIL)	1.22	2.44	2.24	1.97	0.38	1.7
1	HARPACTICIDAE (LPIL)	0.20	0.20	0.41	0.27	0.07	0.2
1	THALESTRIDAE (LPIL)	0.0	0.41	1.02	0.48	0.30	0.4
1	PARASTENHELIDAE (LPIL)	0.41	0.0	0.0	0.14	0.14	0.1
1	DIOSACCIDAE (LPIL)	6.11	4.48	6.93	5.84	0.72	5.1
1	AMEIRIDAE (LPIL)	2.24	3.46	4.48	3.40	0.65	3.0
1	PARAMESOCHRIDAE (LPIL)	1.43	3.46	2.24	2.38	0.59	2.1
1	TETRAGONICIPITIDAE (LPIL)	0.41	0.41	0.41	0.41	0.0	0.4
1	CANTHOCAMPTIDAE (LPIL)	0.20	0.41	0.41	0.34	0.07	0.3
1	CYLINDROPSILIDAE (LPIL)	1.83	3.87	4.48	3.40	0.80	3.0
1	CLETODIDAE (LPIL)	1.02	0.61	1.02	0.88	0.14	0.8
1	LAOPHONTIDAE (LPIL)	0.20	0.20	0.20	0.20	0.0	0.2
14	HARPACTICOIDA (LPIL)	3.06	4.69	3.46	3.73	0.49	3.3
1	HARPACTICOIDA (LPIL)	1.02	0.81	0.20	0.68	0.24	0.6
6	ISOPODA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
12	NAUPLIUS (LPIL)	7.54	12.02	16.50	12.02	2.59	10.5
1	SIPUNCULIDA (LPIL)	0.0	0.41	0.0	0.14	0.14	0.1
1	PRIAPULIDA (LPIL)	0.61	0.20	0.41	0.41	0.12	0.4
1	TARDIGRADA (LPIL)	2.85	3.67	9.17	5.23	1.98	4.6
1	INVERTEBRATE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
	TOTAL	101.24	93.30	149.93	114.82	17.70	100.0
	DIVERSITY (H PRIME)	4.49	4.64	4.49	4.54	0.05	
	DIVERSITY (J PRIME)	0.82	0.85	0.81	0.82	0.01	
	NUMBER OF TAXA	45	44	47	56		

ABOVE COMPUTED USING SAMPLE IDS

1301

1302

1303

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

LS	TAXA	1	2	3	X	S. E.	REL AB%
6	GASTROPODA (LPIL)	0.81	0.0	1.43	0.75	0.41	0.4
6	BIVALVIA (LPIL)	1.83	2.04	3.67	2.51	0.58	1.5
1	HALACARIDAE (LPIL)	0.61	0.61	1.83	1.02	0.41	0.6
1	OSTRACODA (LPIL)	5.50	3.87	4.69	4.69	0.47	2.7
1	CYCLOPOIDA (LPIL)	0.41	0.0	0.81	0.41	0.24	0.2
1	ECTINOSOMIDAE (LPIL)	4.07	2.44	3.67	3.40	0.49	2.0
1	TACHIDIIDAE (LPIL)	0.41	0.61	0.0	0.34	0.18	0.2
1	HARPACTICIDAE (LPIL)	0.0	0.20	0.20	0.14	0.07	0.1
1	THALESTRIDAE (LPIL)	0.0	0.0	0.81	0.27	0.27	0.2
1	PARASTENHELIDAE (LPIL)	0.41	0.0	0.0	0.14	0.14	0.1
1	DIDSACCIDAE (LPIL)	8.76	7.74	6.31	7.61	0.71	4.4
1	AMEIRIDAE (LPIL)	4.28	3.26	3.26	3.60	0.34	2.1
1	PARAMESOCHRIDAE (LPIL)	6.31	3.67	3.46	4.48	0.92	2.6
1	TETRAGONICIPITIDAE (LPIL)	1.22	1.83	1.22	1.43	0.20	0.8
1	CANTHOCAMPTIDAE (LPIL)	0.61	1.83	0.81	1.09	0.38	0.6
1	CYLINDROPSILIDAE (LPIL)	7.94	3.87	3.67	5.16	1.39	3.0
1	CLETODIDAE (LPIL)	1.43	0.0	0.41	0.61	0.42	0.4
1	LAOPHONTIDAE (LPIL)	0.0	1.02	0.81	0.61	0.31	0.4
14	HARPACTICOIDA (LPIL)	14.87	9.57	5.91	10.12	2.60	5.8
1	HARPACTICOIDA (LPIL)	0.20	0.0	0.41	0.20	0.12	0.1
12	NAUPLIUS (LPIL)	30.96	25.67	38.50	31.71	3.72	18.3
1	PRIAPULIDA (LPIL)	0.41	2.65	1.02	1.36	0.67	0.8
1	TARDIGRADA (LPIL)	5.50	2.85	3.87	4.07	0.77	2.4
	TOTAL	182.93	160.72	175.39	173.02	6.52	100.0
	DIVERSITY (H PRIME)	4.49	4.80	4.49	4.59	0.10	
	DIVERSITY (J PRIME)	0.80	0.87	0.81	0.83	0.02	
	NUMBER OF TAXA	48	46	46	55		

ABOVE COMPUTED USING SAMPLE IDS  
1351 1352 1353

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WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC

6 1 43 1 2243

SID	DATE	TIME	D/N	DURATION		WD	TOW		SAMP VOL		WIND		CURRENT			TEMP			COND	DO	PH	SALN	P		
				UNITS	C		SD	SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP						DI	AIR
1391	2/13/77	2009	2	0.0	0	30.0	30.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	10.42	55	0.0	0	10.3	0.0	35.5	6
1392	2/13/77	2009	2	0.0	0	30.0	30.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	10.42	55	0.0	0	10.3	0.0	35.5	6
1393	2/13/77	2009	2	0.0	0	30.0	30.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	10.42	55	0.0	0	10.3	0.0	35.5	6

LS	TAXA	REL		
		X	S.E.	AB%
		1	2	3
1	CILIOPHORA (LPIL)	0.20	0.61	0.0
6	CILIOPHORA (LPIL)	0.0	0.0	1.22
1	ANTHOZOA (LPIL)	0.0	5.30	0.0
1	TURBELLARIA-(LPIL)	0.61	3.06	3.87
1	NEMERTINA (LPIL)	0.20	1.63	0.0
1	ROTIFERA (LPIL)	0.0	0.0	1.22
1	GASTROTRICHA (LPIL)	3.87	8.76	7.74
1	KINORHYNCHA (LPIL)	0.41	0.20	0.81
1	DESMOSCOLECIDAE (LPIL)	2.65	2.85	1.83
1	COMESOMATIDAE (LPIL)	0.20	0.41	0.20
1	CHROMODORIDAE (LPIL)	2.44	5.09	6.31
1	CYATHOLAIMIDAE (LPIL)	1.02	2.65	3.46
1	CHONOLAIMIDAE (LPIL)	0.0	0.61	0.61
1	SELANCHONEMATIDAE (LPIL)	0.0	0.41	0.0
1	MEYLIIDAE (LPIL)	0.0	0.0	0.20
1	DRACONEMATIDAE (LPIL)	0.41	0.81	2.04
1	EPSILONEMATIDAE (LPIL)	0.0	1.43	3.06
1	RICHTERSIIDAE (LPIL)	0.20	0.20	0.0
1	MONOPOSTHIIDAE (LPIL)	0.0	1.22	0.41
1	CERAMONEMATIDAE (LPIL)	1.43	2.24	1.22
1	DESMODORIDAE (LPIL)	2.24	5.70	5.50
1	LEPTOLAIMIDAE (LPIL)	0.20	0.0	0.41
1	AXONOLAIMIDAE (LPIL)	0.20	0.20	0.61
1	SIPHONOLAIMIDAE (LPIL)	0.0	0.20	0.0
1	LINHOMOEIDAE (LPIL)	0.20	1.22	0.81
1	MONHYSTERIDAE (LPIL)	2.04	4.07	6.72
1	OXYSTOMINIDAE (LPIL)	0.20	0.41	0.61
1	IRONIDAE (LPIL)	0.20	0.0	0.0
1	TRIPYLOIDIDAE (LPIL)	0.0	0.20	0.0
1	ANTICOMIDAE (LPIL)	0.20	0.61	0.41
1	ENOPLIDAE (LPIL)	0.20	1.22	0.20
1	ONCHOLAIMIDAE (LPIL)	0.0	0.61	0.20
1	ENCHELIOIDAE (LPIL)	0.20	0.0	0.0
6	NEMATODA (LPIL)	0.41	1.83	0.41
1	NEMATODA (LPIL)	0.20	0.41	1.02

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LS	TAXA	1	2	3	X	S. E.	REL AB%
6	POLYCHAETA (LPIL)	0.61	1.22	6.72	2.85	1.94	3.4
6	GASTROPODA (LPIL)	0.0	0.0	0.41	0.14	0.14	0.2
6	BIVALVIA (LPIL)	0.41	0.0	0.41	0.27	0.14	0.3
6	MOLLUSCA (LPIL)	0.0	1.63	0.0	0.54	0.54	0.7
1	HALACARIDAE (LPIL)	0.0	0.61	0.41	0.34	0.18	0.4
1	OSTRACODA (LPIL)	0.81	1.63	3.67	2.04	0.85	2.4
1	CALANOIDA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
1	CYCLOPOIDA (LPIL)	0.41	1.22	4.07	1.90	1.11	2.3
1	LONGIPEDIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	CANUELLIDAE (LPIL)	0.20	0.41	0.41	0.34	0.07	0.4
1	ECTINOSOMIDAE (LPIL)	1.22	1.63	1.63	1.49	0.14	1.8
1	THALESTRIDAE (LPIL)	0.20	1.22	0.20	0.54	0.34	0.7
1	DIOSACCIDAE (LPIL)	1.83	6.11	3.46	3.80	1.25	4.6
1	AMEIRIDAE (LPIL)	0.61	3.87	1.83	2.10	0.95	2.5
1	PARAMESOCHRIDAE (LPIL)	1.83	2.44	1.22	1.83	0.35	2.2
1	TETRAGONICIPITIDAE (LPIL)	0.20	0.0	0.41	0.20	0.12	0.2
1	CANTHOCAMPTIDAE (LPIL)	0.0	0.81	0.81	0.54	0.27	0.7
1	CYLINDROPSILIDAE (LPIL)	0.61	2.44	0.0	1.02	0.73	1.2
1	LAOPHONTIDAE (LPIL)	0.20	0.61	0.0	0.27	0.18	0.3
1	ANCORABOLIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
14	HARPACTICOIDA (LPIL)	2.04	6.93	5.09	4.69	1.43	5.6
1	HARPACTICOIDA (LPIL)	0.41	0.61	0.41	0.48	0.07	0.6
12	NAUPLIUS (LPIL)	9.17	21.59	8.56	13.11	4.25	15.7
1	SIPUNCULIDA (LPIL)	0.0	0.0	0.61	0.20	0.20	0.2
1	PRIAPULIDA (LPIL)	0.61	1.02	0.81	0.81	0.12	1.0
1	TARDIGRADA (LPIL)	0.81	1.63	2.44	1.63	0.47	2.0
1	INVERTEBRATE (LPIL)	0.0	0.0	0.61	0.20	0.20	0.2
	TOTAL	42.37	112.24	95.54	83.38	21.07	100.0
	DIVERSITY (H PRIME)	4.38	4.67	4.78	4.61	0.12	
	DIVERSITY (J PRIME)	0.82	0.84	0.87	0.84	0.01	
	NUMBER OF TAXA	40	48	46	59		

ABOVE COMPUTED USING SAMPLE IDS  
1391 1392 1393

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BENTHIC MICROINFAUNA

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STATION REPORT

PC TC GC S LOC  
6 1 43 1 2253

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL		WIND		CURRENT			TEMP				COND	DO	PH	SALN	P
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR					
1441	2/14/77	1019	1	0.0	0	36.0	36.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	12.66	20	0.0	0	7.8	0.0	35.9	6
1442	2/14/77	1019	1	0.0	0	36.0	36.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	12.66	20	0.0	0	7.8	0.0	35.9	6
1443	2/14/77	1019	1	0.0	0	36.0	36.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	12.66	20	0.0	0	7.8	0.0	35.9	6

LS	TAXA				REL	AB%
		1	2	3		
					X	S.E.
1	CILIOPHORA (LPIL)	3.87	1.02	0.0	1.63	1.16
6	CILIOPHORA (LPIL)	0.0	0.0	2.24	0.75	0.75
1	HYDROZOA (LPIL)	0.0	0.0	0.20	0.07	0.07
1	TURBELLARIA-(LPIL)	4.07	6.31	6.72	5.70	0.82
1	NEMERTINA (LPIL)	1.22	2.04	0.61	1.29	0.41
1	ROTIFERA (LPIL)	0.41	0.0	0.20	0.20	0.12
1	GASTROTRICHA (LPIL)	8.76	12.63	12.43	11.27	1.26
1	KINORHYNCHA (LPIL)	1.22	0.41	1.83	1.15	0.41
1	DESMOSCOLECIDAE(LPIL)	6.11	2.85	3.46	4.14	1.00
1	COMESOMATIDAE (LPIL)	0.0	0.41	0.0	0.14	0.14
1	CHROMODORIDAE (LPIL)	6.11	7.94	6.11	6.72	0.61
1	CYATHOLAIMIDAE (LPIL)	3.06	4.48	5.50	4.35	0.71
1	CHONIOLAIMIDAE (LPIL)	1.63	2.04	1.83	1.83	0.12
1	SELANCHONEMATIDAE (LPIL)	0.0	0.0	0.41	0.14	0.14
1	MEYLIIDAE (LPIL)	0.20	0.0	0.20	0.14	0.07
1	DRACONEMATIDAE (LPIL)	0.41	2.04	1.43	1.29	0.48
1	EPSILONEMATIDAE (LPIL)	0.0	0.41	1.43	0.61	0.42
1	RICHTERSIIDAE (LPIL)	0.41	0.20	0.0	0.20	0.12
1	MONOPOSTHIDAE (LPIL)	2.85	1.43	3.06	2.44	0.51
1	CERAMONEMATIDAE (LPIL)	2.44	1.43	2.85	2.24	0.42
1	DESMODORIDAE (LPIL)	11.20	16.91	11.61	13.24	1.84
1	LEPTOLAIMIDAE (LPIL)	0.41	0.0	1.02	0.48	0.30
1	AXONOLAIMIDAE (LPIL)	1.02	2.04	1.22	1.43	0.31
1	LINHOMOEIDAE (LPIL)	4.28	3.67	3.87	3.94	0.18
1	MONHYSTERIDAE (LPIL)	6.52	4.69	7.33	6.18	0.78
1	OXYSTOMINIDAE (LPIL)	2.04	2.65	1.63	2.10	0.30
1	TRIPYLOIDIDAE (LPIL)	0.41	0.0	0.0	0.14	0.14
1	ANTICOMIDAE (LPIL)	0.41	0.20	1.43	0.68	0.38
1	ENOPLIDAE (LPIL)	1.22	0.20	0.41	0.61	0.31
1	ONCHOLAIMIDAE (LPIL)	0.61	0.20	0.41	0.41	0.12
6	NEMATODA (LPIL)	2.04	1.43	1.63	1.70	0.18
1	NEMATODA (LPIL)	2.24	1.83	1.63	1.90	0.18
6	POLYCHAETA (LPIL)	3.46	0.61	4.69	2.92	1.21
1	OLIGOCHAETA (LPIL)	0.0	0.20	1.02	0.41	0.31
6	GASTROPODA (LPIL)	0.0	0.41	0.0	0.14	0.14

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LS	TAXA	1	2	3	X	S. E.	REL ABX
6	BIVALVIA (LPIL)	0.81	0.61	0.20	0.54	0.18	0.5
1	HALACARIDAE	0.0	0.0	0.81	0.27	0.27	0.3
1	HALACARIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	OSTRACODA (LPIL)	1.22	0.81	1.83	1.29	0.30	1.2
1	CYCLOPOIDA (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
1	LONGIPEDIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
1	CANUELLIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
1	ECTINOSOMIDAE (LPIL)	0.0	0.20	0.81	0.34	0.24	0.3
1	HARPACTICIDAE (LPIL)	0.41	0.0	0.0	0.14	0.14	0.1
1	TISBIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	THALESTRIDAE (LPIL)	0.0	0.20	0.20	0.14	0.07	0.1
1	DIOSACCIDAE (LPIL)	2.24	3.06	2.44	2.58	0.24	2.4
1	AMEIRIDAE (LPIL)	1.22	0.41	0.61	0.75	0.24	0.7
1	PARAMESOCHRIDAE (LPIL)	2.04	0.0	3.87	1.97	1.12	1.9
1	CYLINDROPSILIDAE (LPIL)	0.81	1.02	1.83	1.22	0.31	1.2
1	CLETODIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
1	LAOPHONTIDAE (LPIL)	0.20	0.81	0.41	0.48	0.18	0.4
14	HARPACTICOIDA (LPIL)	2.65	2.85	3.67	3.06	0.31	2.9
1	HARPACTICOIDA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
12	NAUPLIUS (LPIL)	4.07	6.31	9.37	6.59	1.53	6.2
1	SIPUNCULIDA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
1	PRIAPULIDA (LPIL)	0.41	2.65	0.41	1.15	0.75	1.1
1	TARDIGRADA (LPIL)	1.22	1.83	3.06	2.04	0.54	1.9
1	ARCHIANNELIDA	0.0	0.0	0.20	0.07	0.07	0.1
	TOTAL	96.15	101.85	119.17	105.72	6.92	100.0
	DIVERSITY (H PRIME)	4.67	4.42	4.78	4.63	0.11	
	DIVERSITY (J PRIME)	0.88	0.82	0.86	0.85	0.02	
	NUMBER OF TAXA	40	41	48	56		

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 1441 1442 1443

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STATION REPORT

PC TC GC S LOC  
6 1 43 1 2263

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL			WIND		CURRENT			TEMP			COND	DO	PH	SALN	P	
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR						WAT
1491	2/14/77	1729	1	0.0	0	44.0	44.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	13.86	55	0.0	0	7.5	0.0	36.0	6
1492	2/14/77	1729	1	0.0	0	44.0	44.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	13.86	55	0.0	0	7.5	0.0	36.0	6	
1493	2/14/77	1729	1	0.0	0	44.0	44.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	13.86	55	0.0	0	7.5	0.0	36.0	6	

LS	TAXA	REL			X	S.E.	ABX
		1	2	3			
1	CILIOPHORA (LPIL)	0.0	1.02	0.20	0.41	0.31	0.5
1	TURBELLARIA-(LPIL)	2.04	6.72	2.44	3.73	1.50	4.6
1	NEMERTINA (LPIL)	0.20	0.20	0.0	0.14	0.07	0.2
1	GASTROTRICHA (LPIL)	4.89	5.70	7.13	5.91	0.65	7.2
1	KINORHYNCHA (LPIL)	0.0	0.20	0.20	0.14	0.07	0.2
1	DESMOSCOLECIDAE(LPIL)	1.63	1.02	2.24	1.63	0.35	2.0
1	COMESOMATIDAE (LPIL)	0.0	0.0	0.41	0.14	0.14	0.2
1	CHROMODORIDAE (LPIL)	2.65	4.28	9.37	5.43	2.02	6.6
1	CYATHOLAIMIDAE (LPIL)	0.81	1.83	1.02	1.22	0.31	1.5
1	CHONIOLAIMIDAE (LPIL)	0.41	0.20	0.0	0.20	0.12	0.2
1	DRACONEMATIDAE (LPIL)	0.41	1.83	2.44	1.56	0.60	1.9
1	EPSILONEMATIDAE (LPIL)	1.83	1.63	4.69	2.72	0.99	3.3
1	MONOPOSTHIIDAE (LPIL)	0.41	0.81	0.41	0.54	0.14	0.7
1	CERAMONEMATIDAE (LPIL)	0.61	1.43	1.02	1.02	0.24	1.2
1	DESMODORIDAE (LPIL)	2.85	3.46	3.26	3.19	0.18	3.9
1	LEPTOLAIMIDAE (LPIL)	0.0	0.0	0.41	0.14	0.14	0.2
1	AXONOLAIMIDAE (LPIL)	0.0	0.0	0.41	0.14	0.14	0.2
1	LINHOMOEIDAE (LPIL)	0.20	0.0	0.41	0.20	0.12	0.2
1	MONHYSTERIDAE (LPIL)	4.07	3.87	5.50	4.48	0.51	5.5
1	OXYSTOMINIDAE (LPIL)	0.41	0.0	1.02	0.48	0.30	0.6
1	TRIPYLOIDIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
1	ANTICOMIDAE (LPIL)	0.61	0.81	0.20	0.54	0.18	0.7
1	ENOPLIDAE (LPIL)	0.41	0.20	0.0	0.20	0.12	0.2
1	ONCHOLAIMIDAE (LPIL)	0.0	0.20	0.61	0.27	0.18	0.3
6	NEMATODA (LPIL)	1.02	1.02	0.41	0.81	0.20	1.0
1	NEMATODA (LPIL)	0.20	0.61	1.22	0.68	0.30	0.8
6	POLYCHAETA (LPIL)	3.46	10.19	3.06	5.57	2.31	6.8
1	OLIGOCHAETA (LPIL)	0.20	0.41	0.41	0.34	0.07	0.4
6	GASTROPODA (LPIL)	0.20	0.61	0.41	0.41	0.12	0.5
6	BIVALVIA (LPIL)	0.41	0.20	0.81	0.48	0.18	0.6
1	HALACARIDAE (LPIL)	0.20	0.20	0.0	0.14	0.07	0.2
1	OSTRACODA (LPIL)	3.87	4.28	4.69	4.28	0.24	5.2
1	MYSTACOCARIDA (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
1	CYCLOPOIDA	1.63	0.0	0.0	0.54	0.54	0.7
1	CYCLOPOIDA (LPIL)	0.0	1.83	2.04	1.29	0.65	1.6

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MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

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LS	TAXA	1	2	3	- X	S. E.	REL AB%
1	ECTINOSOMIDAE (LPIL)	0.81	0.41	0.81	0.68	0.14	0.8
1	TACHIDIIDAE (LPIL)	0.41	0.0	0.20	0.20	0.12	0.2
1	TISBIDAE (LPIL)	0.20	1.22	0.41	0.61	0.31	0.7
1	THALESTRIDAE (LPIL)	1.63	1.22	2.24	1.70	0.30	2.1
1	DIOSACCIDAE (LPIL)	4.89	3.87	5.09	4.62	0.38	5.6
1	AMEIRIDAE (LPIL)	1.83	1.83	1.83	1.83	0.0	2.2
1	PARAMESOCHRIDAE (LPIL)	3.06	2.65	1.02	2.24	0.62	2.7
1	CYLINDROPSILIDAE (LPIL)	1.43	0.61	0.81	0.95	0.24	1.2
1	CLETOIDAE (LPIL)	0.0	0.20	0.20	0.14	0.07	0.2
1	LAOPHONTIDAE (LPIL)	0.0	0.61	1.22	0.61	0.35	0.7
1	ANCORABOLIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
14	HARPACTICOIDA (LPIL)	4.48	7.54	4.07	5.36	1.09	6.5
1	HARPACTICOIDA (LPIL)	0.61	0.41	0.61	0.54	0.07	0.7
12	NAUPLIUS (LPIL)	6.72	19.56	9.78	12.02	3.87	14.7
1	PRIAPULIDA (LPIL)	0.41	0.0	0.41	0.27	0.14	0.3
1	TARDIGRADA (LPIL)	0.20	1.22	1.43	0.95	0.38	1.2
6	STELLEROIDEA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
1	ARCHIANNELIDA	0.0	0.20	0.0	0.07	0.07	0.1
	TOTAL	62.74	96.35	86.98	82.03	10.01	100.0
	DIVERSITY (H PRIME)	4.57	4.30	4.62	4.50	0.10	
	DIVERSITY (J PRIME)	0.86	0.81	0.85	0.84	0.02	
	NUMBER OF TAXA	39	39	43	51		

ABOVE COMPUTED USING SAMPLE IDS  
1491 1492 1493

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC  
6 1 43 1 2373

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL			WIND		CURRENT			TEMP				COND	DO	PH	SALN	P
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR	WAT					
1541	2/15/77	708	2	0.0	0	21.8	21.8	0.0	0	600.7	7	0.0	0	0	0	0.0	0	0.0	12.63	55	0.0	0	5.1	0.0	35.7	0
1542	2/15/77	708	2	0.0	0	21.8	21.8	0.0	0	600.7	7	0.0	0	0	0	0.0	0	0.0	12.63	55	0.0	0	5.1	0.0	35.7	0
1543	2/15/77	708	2	0.0	0	21.8	21.8	0.0	0	600.7	7	0.0	0	0	0	0.0	0	0.0	12.63	55	0.0	0	5.1	0.0	35.7	0

LS	TAXA	1	2	3	REL	S.E.	ABX
		0.0	0.20	0.0	0.07	0.07	1.8
1	CILIOPHORA (LPIL)	0.41	0.0	0.20	0.20	0.12	5.5
1	TURBELLARIA-(LPIL)	0.20	0.0	0.0	0.07	0.07	1.8
1	NEMERTINA (LPIL)	0.0	0.20	0.0	0.07	0.07	1.8
1	GASTROTRICHA (LPIL)	0.0	0.41	0.0	0.07	0.07	1.8
1	KINORHYNCHA (LPIL)	0.0	0.61	0.0	0.14	0.14	3.6
1	CHROMODORIDAE (LPIL)	0.0	0.20	0.20	0.27	0.18	7.3
1	CYATHOLAIMIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	1.8
1	DESMODORIDAE (LPIL)	0.20	0.0	1.22	0.47	0.38	12.7
1	LEPTOLAIMIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	1.8
1	MONHYSTERIDAE (LPIL)	1.02	0.61	2.44	1.36	0.56	36.4
6	NEMATODA (LPIL)	0.0	0.41	0.20	0.20	0.12	5.5
1	NEMATODA (LPIL)	0.0	0.20	0.0	0.07	0.07	1.8
6	POLYCHAETA (LPIL)	0.61	0.41	0.0	0.34	0.18	9.1
1	OLIGOCHAETA (LPIL)	0.0	0.0	0.61	0.20	0.20	5.5
1	CYCLOPOIDA (LPIL)	0.20	0.0	0.0	0.07	0.07	1.8
1	PRIAPULIDA (LPIL)	0.0	0.0	0.20	0.07	0.07	1.8
TOTAL		2.65	3.05	5.49	3.73	0.89	100.0
DIVERSITY (H PRIME)		2.29	2.69	2.41	2.46	0.12	
DIVERSITY (J PRIME)		0.89	0.96	0.76	0.87	0.06	
NUMBER OF TAXA		6	7	9	15		

ABOVE COMPUTED USING SAMPLE IDS  
1541 1542 1543

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 26	23 37	24	- X	S. E.	REL ABX
	6 UNIDENTIFIED: 11990000	0.0 0.0	0.88 0.0	0.0 0.0	0.0	0.13	0.13	0.1
1	CILIOPHORA (LPIL)	0.75 1.63	0.41 0.41	3.80 0.07	0.27	1.05	0.50	1.0
6	CILIOPHORA (LPIL)	0.0 0.75	0.0 0.0	0.0 0.0	0.41	0.16	0.11	0.2
1	HYDROZOA (LPIL)	0.0 0.07	0.07 0.0	0.07 0.0	0.0	0.03	0.01	0.0
1	ANTHOZOA (LPIL)	0.0 0.0	0.0 0.0	0.0 0.0	1.77	0.25	0.25	0.2
170	1 TURBELLARIA-(LPIL)	2.38 5.70	0.95 3.73	3.06 0.20	2.51	2.65	0.68	2.6
1	NEMERTINA (LPIL)	0.34 1.29	5.23 0.14	2.51 0.07	0.61	1.46	0.71	1.4
1	ROTIFERA (LPIL)	0.0 0.20	0.0 0.0	0.0 0.0	0.41	0.09	0.06	0.1
1	GASTROTRICHA (LPIL)	19.15 11.27	9.91 5.91	16.98 0.07	6.79	10.01	2.49	9.9
1	KINORHYNCHA (LPIL)	2.04 1.15	0.41 0.14	2.04 0.14	0.48	0.91	0.32	0.9
1	DESMOSCOLECIDAE(LPIL)	6.25 4.14	3.60 1.63	2.78 0.0	2.44	2.98	0.75	2.9
1	COMESOMATIDAE (LPIL)	0.81 0.14	0.34 0.14	0.34 0.0	0.27	0.29	0.10	0.3
1	CHROMODORIDAE (LPIL)	7.47 6.72	6.18 5.43	5.84 0.27	4.62	5.22	0.89	5.1
1	CYATHOLAIMIDAE (LPIL)	4.82 4.35	1.22 1.22	5.84 0.07	2.38	2.84	0.82	2.8

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11	12	23	24	-	S.E.	REL AB%
		25	26	37		X		
1	CHONOLAIMIDAE (LPIL)	1.56 1.83	0.0 0.20	0.75 0.0	0.41	0.68	0.28	0.7
1	SELANCHONEMATIDAE (LPIL)	0.0 0.14	0.14 0.0	0.75 0.0	0.14	0.16	0.10	0.2
1	MEYLIIDAE (LPIL)	0.0 0.14	0.0 0.0	0.07 0.0	0.07	0.04	0.02	0.0
1	DRACONEMATIDAE (LPIL)	2.65 1.29	0.81 1.56	3.73 0.0	1.09	1.59	0.47	1.6
1	EPSILONEMATIDAE (LPIL)	0.95 0.61	8.22 2.72	2.10 0.0	1.49	2.30	1.04	2.3
1	RICHTERSIIDAE (LPIL)	0.0 0.20	0.27 0.0	0.54 0.0	0.14	0.16	0.08	0.2
1	MONOPOSTHIIDAE (LPIL)	1.43 2.44	0.0 0.54	0.88 0.0	0.54	0.83	0.33	0.8
1	CERAMONEMATIDAE (LPIL)	1.15 2.24	0.41 1.02	2.58 0.0	1.63	1.29	0.35	1.3
1	DESMODORIDAE (LPIL)	14.80 13.24	6.72 3.19	8.83 0.47	4.48	7.39	1.99	7.3
1	DESMODORIDA (LPIL)	0.14 0.0	0.0 0.0	0.14 0.0	0.0	0.04	0.03	0.0
1	RHABDOLAIMIDAE (LPIL)	0.0 0.0	0.14 0.0	0.0 0.0	0.0	0.02	0.02	0.0
1	LEPTOLAIMIDAE (LPIL)	2.92 0.48	1.22 0.14	1.56 0.07	0.20	0.94	0.39	0.9
1	AXONOLAIMIDAE (LPIL)	2.17 1.43	0.20 0.14	0.81 0.0	0.34	0.73	0.30	0.7
1	SIPHONOLAIMIDAE (LPIL)	0.27 0.0	0.0 0.0	0.0 0.0	0.07	0.05	0.04	0.0

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 26	23 37	24	- X	S.E.	REL ABX
1	LINHOMOEIDAE (LPIL)	1.02 3.94	0.54 0.20	1.22 0.0	0.75	1.10	0.50	1.1
1	MONHYSTERIDAE (LPIL)	11.20 6.18	3.73 4.48	9.64 1.36	4.28	5.84	1.31	5.8
1	OXYSTOMINIDAE (LPIL)	1.36 2.10	0.68 0.48	0.54 0.0	0.41	0.80	0.27	0.8
1	IRONIDAE (LPIL)	0.27 0.0	0.0 0.0	0.0 0.0	0.07	0.05	0.04	0.0
1	TRIPYLOIDIDAE (LPIL)	0.0 0.14	0.20 0.07	0.07 0.0	0.07	0.08	0.03	0.1
172 1	LEPTOSOMATIDAE (LPIL)	0.0 0.0	0.0 0.0	0.07 0.0	0.0	0.01	0.01	0.0
1	ANTICOMIDAE (LPIL)	0.0 0.68	0.27 0.54	0.20 0.0	0.41	0.30	0.10	0.3
1	ENOPLIDAE (LPIL)	0.41 0.61	0.34 0.20	0.41 0.0	0.54	0.36	0.08	0.4
1	RHABDODEMANIDAE (LPIL)	0.14 0.0	0.07 0.0	0.0 0.0	0.0	0.03	0.02	0.0
1	ONCHOLAIMIDAE (LPIL)	1.02 0.41	0.07 0.27	0.20 0.0	0.27	0.32	0.13	0.3
1	ENCHELIDIIDAE (LPIL)	0.0 0.0	0.34 0.0	0.0 0.0	0.07	0.06	0.05	0.1
6	NEMATODA (LPIL)	1.09 1.70	0.54 0.81	1.90 0.20	0.88	1.02	0.23	1.0
1	NEMATODA (LPIL)	1.43 1.90	0.75 0.68	1.09 0.07	0.54	0.92	0.23	0.9
6	POLYCHAETA (LPIL)	5.36 2.92	3.80 5.57	3.80 0.34	2.85	3.52	0.67	3.5

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BLM OCS/SABP

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 26	23 37	24	- X	S.E.	REL ABX
1	OLIGOCHAETA (LPIL)	0.48 0.41	0.34 0.34	0.14 0.20	0.0	0.27	0.06	0.3
1	GASTROPODA (LPIL)	0.0 0.0	0.0 0.0	2.04 0.0	0.0	0.29	0.29	0.3
6	GASTROPODA (LPIL)	0.0 0.14	0.14 0.41	0.75 0.0	0.14	0.22	0.10	0.2
6	BIVALVIA (LPIL)	2.17 0.54	1.09 0.48	2.51 0.0	0.27	1.01	0.37	1.0
6	MOLLUSCA (LPIL)	0.0 0.0	0.0 0.0	0.0 0.0	0.54	0.08	0.08	0.1
1	HALACARIDAE	0.0 0.27	0.0 0.0	0.0 0.0	0.0	0.04	0.04	0.0
1	HALACARIDAE (LPIL)	0.41 0.07	1.49 0.14	1.02 0.0	0.34	0.49	0.21	0.5
1	OSTRACODA (LPIL)	4.82 1.29	10.05 4.28	4.69 0.0	2.04	3.88	1.24	3.8
1	MYSTACOCARIDA (LPIL)	0.0 0.0	0.0 0.07	0.0 0.0	0.0	0.01	0.01	0.0
1	CALANOIDA (LPIL)	0.0 0.0	0.0 0.0	0.0 0.0	0.07	0.01	0.01	0.0
1	CYCLOPOIDA	0.0 0.0	0.0 0.54	0.0 0.0	0.0	0.08	0.08	0.1
1	CYCLOPOIDA (LPIL)	0.07 0.07	1.02 1.29	0.41 0.07	1.90	0.69	0.27	0.7
1	LONGIPEDIDAE (LPIL)	0.0 0.07	0.0 0.0	0.0 0.0	0.07	0.02	0.01	0.0
1	CANUELLIDAE (LPIL)	0.0 0.07	0.0 0.0	0.0 0.0	0.34	0.06	0.05	0.1

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 26	23 37	24	- X	S.E.	REL AB%
1	ECTINOSOMIDAE (LPIL)	0.95 0.34	1.97 0.68	3.40 0.0	1.49	1.26	0.44	1.2
1	TACHIDIIDAE (LPIL)	0.07 0.0	0.0 0.20	0.34 0.0	0.0	0.09	0.05	0.1
1	HARPACTICIDAE (LPIL)	0.41 0.14	0.27 0.0	0.14 0.0	0.0	0.14	0.06	0.1
1	TISBIDAE (LPIL)	0.0 0.07	0.0 0.61	0.0 0.0	0.0	0.10	0.09	0.1
1	THALESTRIDAE (LPIL)	0.20 0.14	0.48 1.70	0.27 0.0	0.54	0.48	0.22	0.5
174 1	PARASTENHELIDAE (LPIL)	0.07 0.0	0.14 0.0	0.14 0.0	0.0	0.05	0.02	0.0
1	DIOSACCIDAE (LPIL)	5.84 2.58	5.84 4.62	7.61 0.0	3.80	4.33	0.94	4.3
1	AMEIRIDAE (LPIL)	1.09 0.75	3.40 1.83	3.60 0.0	2.10	1.82	0.51	1.8
1	PARAMESOCHRIDAE (LPIL)	2.17 1.97	2.38 2.24	4.48 0.0	1.83	2.15	0.49	2.1
1	TETRAGONICIPITIDAE (LPIL)	0.0 0.0	0.41 0.0	1.43 0.0	0.20	0.29	0.20	0.3
1	CANTHOCAMPTIDAE (LPIL)	0.27 0.0	0.34 0.0	1.09 0.0	0.54	0.32	0.15	0.3
1	CYLINDROPSILIDAE (LPIL)	6.18 1.22	3.40 0.95	5.16 0.0	1.02	2.56	0.90	2.5
1	CLETODIDAE (LPIL)	0.68 0.07	0.88 0.14	0.61 0.0	0.0	0.34	0.14	0.3
1	LAOPHONTIDAE (LPIL)	0.07 0.48	0.20 0.61	0.61 0.0	0.27	0.32	0.09	0.3

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 26	23 37	24	- X	S. E.	REL AB%
1	ANCORABOLIDAE (LPIL)	0.0 0.0	0.0 0.07	0.0 0.0	0.07	0.02	0.01	0.0
14	HARPACTICOIDA (LPIL)	2.85 3.06	3.73 5.36	10.12 0.0	4.69	4.26	1.17	4.2
1	HARPACTICOIDA (LPIL)	0.07 0.07	0.68 0.54	0.20 0.0	0.48	0.29	0.10	0.3
1	CIRRIPIEDIA (LPIL)	0.07 0.0	0.0 0.0	0.0 0.0	0.0	0.01	0.01	0.0
6	ISOPODA (LPIL)	0.0 0.0	0.07 0.0	0.0 0.0	0.0	0.01	0.01	0.0
175 12	NAUPLIUS (LPIL)	13.85 6.59	12.02 12.02	31.71 0.0	13.11	12.76	3.66	12.6
1	SIPUNCULIDA (LPIL)	0.14 0.07	0.14 0.0	0.0 0.0	0.20	0.08	0.03	0.1
1	PRIAPULIDA (LPIL)	0.07 1.15	0.41 0.27	1.36 0.07	0.81	0.59	0.20	0.6
1	TARDIGRADA (LPIL)	9.23 2.04	5.23 0.95	4.07 0.0	1.63	3.31	1.20	3.3
6	STELLEROIDEA (LPIL)	0.0 0.0	0.0 0.07	0.0 0.0	0.0	0.01	0.01	0.0
1	INVERTEBRATE (LPIL)	0.0 0.0	0.07 0.0	0.0 0.0	0.20	0.04	0.03	0.0
1	ARCHIANNELIDA	0.0 0.07	0.0 0.07	0.0 0.0	0.0	0.02	0.01	0.0
TOTAL		147.55 105.72	114.82 82.03	173.02 3.73	83.38	101.46	20.53	100.0
DIVERSITY (H PRIME)		4.49 4.63	4.54 4.50	4.59 2.46	4.61	4.26	0.30	

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA					-		REL
		11	12	23	24	X	S.E.	ABX
DIVERSITY (J PRIME)		25 0.85 0.85	26 0.82 0.84	37 0.83 0.87			0.84	0.01
NUMBER OF TAXA		51 56	56 51	55 15	59	78		
ABOVE COMPUTED USING SAMPLE IDS								
	1261	1262	1263	1301				
	1302	1303	1351	1352				
	1353	1391	1392	1393				
	1441	1442	1443	1491				
	1492	1493	1541	1542				
	1543							

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

## STATION REPORT

PC TC GC S LOC  
6 1 43 1 3113

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL		WIND		CURENT		TEMP				COND	DO	PH	SALN	P	
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI						AIR
1621	2/17/77	334	2	0.0	0	9.0	9.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	7.67	20	0.0	0	3.3	0.0	32.3	6
1622	2/17/77	334	2	0.0	0	9.0	9.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	7.67	20	0.0	0	3.3	0.0	32.3	6
1623	2/17/77	334	2	0.0	0	9.0	9.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	7.67	20	0.0	0	3.3	0.0	32.3	6

LS	TAXA	REL		
		X	S. E.	ABX
		1	2	3
1	CILIOPHORA (LPIL)	2.24	12.83	2.24
1	TURBELLARIA-(LPIL)	8.15	6.52	1.63
1	NEMERTINA (LPIL)	1.22	2.24	0.20
1	GASTROTRICHA (LPIL)	9.37	17.72	10.59
1	DESMOSCOLECIDAE (LPIL)	2.24	7.74	0.41
1	COMESOMATIDAE (LPIL)	0.81	1.43	0.61
1	CHROMODORIDAE (LPIL)	9.37	10.19	10.19
1	CYATHOLAIMIDAE (LPIL)	2.44	4.28	3.06
1	CHONIOLAIMIDAE (LPIL)	1.22	6.11	1.43
1	SELANCHONEMATIDAE (LPIL)	0.0	0.0	0.41
1	RICHTERSIIDAE (LPIL)	0.0	6.52	1.63
1	MONOPOSTHIDAE (LPIL)	0.20	1.02	0.61
1	CERAMONEMATIDAE (LPIL)	8.35	17.52	9.78
1	DESMODORIDAE (LPIL)	3.67	4.48	5.09
1	LEPTOLAIMIDAE (LPIL)	0.41	2.04	0.81
1	AXONOLAIMIDAE (LPIL)	2.65	3.26	2.65
1	SIPHONOLAIMIDAE (LPIL)	0.20	0.0	0.0
1	LINHOMOEIDAE (LPIL)	0.0	3.06	2.85
1	MONHYSTERIDAE (LPIL)	7.13	14.46	8.76
1	OXYSTOMINIDAE (LPIL)	2.24	1.22	2.85
1	ENOPLIDAE (LPIL)	1.83	2.44	2.44
1	ONCHOLAIMIDAE (LPIL)	3.26	1.02	2.65
1	ENCHELIDIIDAE (LPIL)	0.0	0.61	0.0
6	NEMATODA (LPIL)	0.61	1.83	1.63
1	NEMATODA (LPIL)	1.43	2.24	1.43
6	POLYCHAETA (LPIL)	0.0	1.02	0.0
1	POLYCHAETA (LPIL)	0.61	0.0	1.22
6	BIVALVIA (LPIL)	0.61	0.0	0.20
1	OSTRACODA (LPIL)	0.0	0.41	0.0
1	ECTINOSOMIDAE (LPIL)	0.61	0.81	0.61
1	HARPACTICIDAE (LPIL)	0.0	0.41	0.0
1	DIOSACCIDAE (LPIL)	0.20	0.0	0.0
1	CYLINDROPSILIDAE (LPIL)	0.20	0.41	0.61
1	LAOPHONTIDAE (LPIL)	0.20	0.0	0.20
14	HARPACTICOIDA (LPIL)	0.0	0.20	0.0

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MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

LS	TAXA	1	2	3	- X	S.E.	REL AB%
6	CUMACEA (LPIL)	0.0	0.61	0.20	0.27	0.18	0.3
12	NAUPLIUS (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	SIPUNCULIDA (LPIL)	0.0	0.41	0.0	0.14	0.14	0.1
1	PRIAPULIDA (LPIL)	0.20	1.02	0.20	0.48	0.27	0.5
1	ARCHIANNELIDA	0.41	0.41	0.0	0.27	0.14	0.3
TOTAL		72.11	136.69	77.20	95.33	20.73	100.0
DIVERSITY (H PRIME)		3.99	4.18	4.05	4.07	0.05	
DIVERSITY (J PRIME)		0.83	0.83	0.83	0.83	0.00	
NUMBER OF TAXA		28	33	29	38		

ABOVE COMPUTED USING SAMPLE IDS

1621 1622 1623

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC

6 1 43 1 3123

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL			WIND		CURRENT			TEMP		BT	TURBD	COND	DO	PH	SALN	P
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI							
1651	2/17/77	620	1	0.0	0	13.7	13.7	0.0	0	600.0	7	0.0	0	0	0	0.0	0.0	20	0.0	0	10.0	0.0	33.1	6		
1652	2/17/77	620	1	0.0	0	13.7	13.7	0.0	0	600.0	7	0.0	0	0	0.0	0.0	20	0.0	0	10.0	0.0	33.1	6			
1653	2/17/77	620	1	0.0	0	13.7	13.7	0.0	0	600.0	7	0.0	0	0	0.0	0.0	20	0.0	0	10.0	0.0	33.1	6			

LS	TAXA	REL		
		X	S.E.	AB%
		1	2	3
1	CILIOPHORA (LPIL)	2.44	1.02	2.24
1	PORIFERA (LPIL)	0.0	0.0	11.20
1	TURBELLARIA-(LPIL)	3.46	2.24	2.24
1	NEMERTINA (LPIL)	0.41	0.20	1.83
1	GASTROTRICHA (LPIL)	6.72	6.31	4.35
1	DESMOSCOLECIDAE(LPIL)	1.22	0.81	1.83
91	UNIDENTIFIED: 59020109	1.43	0.0	0.0
1	COMESOMATIDAE (LPIL)	0.0	1.22	4.69
91	UNIDENTIFIED: 59020209	5.91	0.0	0.0
1	CHROMODORIDAE (LPIL)	0.0	5.30	14.06
91	UNIDENTIFIED: 59020309	4.48	0.0	0.0
1	CYATHOLAIMIDAE (LPIL)	0.0	3.06	5.70
1	CHONIOLAIMIDAE (LPIL)	0.0	0.41	0.61
1	DRACONEMATIDAE (LPIL)	0.20	0.0	0.0
1	EPSILONEMATIDAE (LPIL)	0.20	0.0	0.0
1	MONOPOSTHIIDAE (LPIL)	1.02	0.81	1.02
1	CERAMONEMATIDAE (LPIL)	0.20	1.02	2.04
91	UNIDENTIFIED: 59030709	4.07	0.0	0.0
1	DESMODORIDAE (LPIL)	0.0	5.50	12.22
1	LEPTOLAIMIDAE (LPIL)	0.61	0.20	1.02
91	UNIDENTIFIED: 59040509	0.41	0.0	0.0
1	AXONOLAIMIDAE (LPIL)	0.0	1.83	1.83
1	LINHOMOEIDAE (LPIL)	0.0	0.41	1.22
91	UNIDENTIFIED: 59050409	5.70	0.0	0.0
1	MONHYSTERIDAE (LPIL)	0.0	6.93	15.07
1	OXYSTOMINIDAE (LPIL)	0.20	1.02	1.63
1	TRIPYLOIDIDAE (LPIL)	0.20	0.0	0.0
91	UNIDENTIFIED: 59060709	0.20	0.0	0.0
1	ENOPLIDAE (LPIL)	0.20	1.63	0.81
1	RHABDODEMANIDAE (LPIL)	0.0	0.20	0.0
1	ONCHOLAIMIDAE (LPIL)	0.81	0.61	2.24
6	NEMATODA (LPIL)	0.0	1.02	3.67
1	NEMATODA (LPIL)	1.22	1.22	1.83
6	POLYCHAETA (LPIL)	0.81	0.20	0.0
1	POLYCHAETA (LPIL)	0.0	0.0	2.85

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## BENTHIC MICROINFAUNA

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LS	TAXA	1	2	3	- X	S.E.	REL ABX
1	OLIGOCHAETA (LPIL)	0.0	0.0	1.43	0.48	0.48	0.7
6	BIVALVIA (LPIL)	0.81	0.20	0.61	0.54	0.18	0.8
1	HALACARIDAE (LPIL)	0.0	0.0	0.41	0.14	0.14	0.2
1	OSTRACODA (LPIL)	2.04	0.41	1.02	1.15	0.48	1.6
1	CYCLOPOIDA (LPIL)	0.0	0.61	1.02	0.54	0.30	0.8
1	LONGIPEDIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	ECTINOSOMIDAE (LPIL)	0.20	0.20	1.22	0.54	0.34	0.8
1	DIOSACCIDAE (LPIL)	0.20	0.0	1.22	0.48	0.38	0.7
1	AMEIRIDAE (LPIL)	0.0	0.41	0.61	0.34	0.18	0.5
1	PARAMESOCHRIDAE (LPIL)	2.85	4.69	3.87	3.80	0.53	5.3
1	TETRAGONICIPITIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
1	CANTHOCAMPTIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
1	CYLINDROPSILIDAE (LPIL)	0.61	0.0	0.61	0.41	0.20	0.6
1	CLETODIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
14	HARPACTICOIDA (LPIL)	1.22	1.02	1.43	1.22	0.12	1.7
1	HARPACTICOIDA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
6	CUMACEA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
12	NAUPLIUS (LPIL)	0.61	0.61	4.07	1.77	1.15	2.4
1	PRIAPULIDA (LPIL)	0.41	0.81	1.43	0.88	0.30	1.2
1	TARDIGRADA (LPIL)	0.0	0.0	1.43	0.48	0.48	0.7
6	TARDIGRADA (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
	TOTAL	51.54	52.35	113.06	72.32	20.37	100.0
	DIVERSITY (H PRIME)	4.24	4.21	4.43	4.29	0.07	
	DIVERSITY (J PRIME)	0.83	0.84	0.84	0.84	0.00	
	NUMBER OF TAXA	34	32	38	52		

ABOVE COMPUTED USING SAMPLE IDS  
1651 1652 1653

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STATION REPORT

PC TC GC S LOC  
6 1 43 1 3233

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL		WIND		CURRENT		TEMP		BT	TURBD	COND	DO	PH	SALN	P	
				UNITS	C			SP	D	UNITS	C	SECH	WT	SC	DI	CL	SP								DI
1691	2/17/77	1618	1	0.0	0	24.0	24.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	0.0	20	0.0	0	9.0	0.0	35.7	6
1692	2/17/77	1618	1	0.0	0	24.0	24.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	0.0	20	0.0	0	9.0	0.0	35.7	6
1693	2/17/77	1618	1	0.0	0	24.0	24.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	0.0	20	0.0	0	9.0	0.0	35.7	6

LS	TAXA	REL		
		X	S.E.	ABX
		1	2	3
1	CILIOPHORA (LPIL)	2.04	0.0	0.61
1	TURBELLARIA-(LPIL)	3.06	0.61	3.46
1	NEMERTINA (LPIL)	0.0	0.20	0.0
1	ROTIFERA (LPIL)	0.0	0.20	0.0
1	GASTROTRICHA (LPIL)	11.20	7.33	14.26
1	KINORHYNCHA (LPIL)	0.0	0.20	1.22
1	DESMOSCOLECIDAE(LPIL)	0.61	1.83	2.65
1	CHROMODORIDAE (LPIL)	2.85	1.63	4.69
1	CYATHOLAIMIDAE (LPIL)	0.81	2.24	2.65
1	CHONOLAIMIDAE (LPIL)	0.41	0.20	1.22
1	SELANCHONEMATIDAE (LPIL)	0.0	0.20	0.20
1	MEYLIIDAE (LPIL)	0.0	0.20	0.0
1	DRACONEMATIDAE (LPIL)	0.0	0.61	1.22
1	EPSILONEMATIDAE (LPIL)	0.61	0.0	3.26
1	MONOPOSTHIIDAE (LPIL)	0.61	1.43	0.61
1	CERAMONEMATIDAE (LPIL)	1.22	1.02	0.41
1	DESMODORIDAE (LPIL)	3.26	2.24	8.76
1	LEPTOLAIMIDAE (LPIL)	0.20	0.20	0.41
1	AXONOLAIMIDAE (LPIL)	0.20	0.0	0.0
1	LINHOMOEIDAE (LPIL)	0.41	0.41	1.22
1	MONHYSTERIDAE (LPIL)	2.65	5.09	8.35
1	OXYSTOMINIDAE (LPIL)	0.41	1.43	1.22
1	TRIPYLOIDIDAE (LPIL)	0.0	0.0	0.41
1	ANTICOMIDAE (LPIL)	0.0	0.0	0.20
1	ENOPLIDAE (LPIL)	0.41	0.0	0.61
1	RHABDODEMANIDAE (LPIL)	0.0	0.20	0.20
1	ONCHOLAIMIDAE (LPIL)	0.61	0.61	0.20
6	NEMATODA (LPIL)	0.41	1.02	1.22
1	NEMATODA (LPIL)	0.81	0.61	0.61
6	POLYCHAETA (LPIL)	5.50	3.26	8.76
1	OLIGOCHAETA (LPIL)	0.41	0.20	0.41
6	BIVALVIA (LPIL)	1.43	0.0	1.02
1	OSTRACODA (LPIL)	3.67	2.65	5.30
1	CYCLOPOIDA (LPIL)	0.41	0.41	1.63
1	LONGIPEDIDAE (LPIL)	0.0	0.20	0.0

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LS	TAXA	1	2	3	- X	S.E.	REL ABX
1	CANUELLIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	ECTINOSOMIDAE (LPIL)	1.43	0.81	1.83	1.36	0.30	1.5
1	THALESTRIDAE (LPIL)	0.41	1.02	1.22	0.88	0.24	0.9
1	PARASTENHELIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
1	DIOSACCIDAE (LPIL)	2.24	2.65	3.87	2.92	0.49	3.1
1	AMEIRIDAE (LPIL)	1.02	1.02	1.63	1.22	0.20	1.3
1	PARAMESOCHRIDAE (LPIL)	2.65	1.63	5.30	3.19	1.09	3.4
1	TETRAGONICIPITIDAE (LPIL)	0.20	0.20	0.81	0.41	0.20	0.4
1	CANTHOCAMPTIDAE (LPIL)	0.20	0.20	0.20	0.20	0.0	0.2
1	CYLINDROPSILIDAE (LPIL)	2.44	1.43	6.31	3.40	1.49	3.6
1	CLETODIDAE (LPIL)	0.81	1.02	1.02	0.95	0.07	1.0
1	LAOPHONTIDAE (LPIL)	0.20	0.41	0.61	0.41	0.12	0.4
14	HARPACTICOIDA (LPIL)	4.07	9.78	10.19	8.01	1.97	8.6
1	HARPACTICOIDA (LPIL)	0.41	0.20	0.20	0.27	0.07	0.3
12	NAUPLIUS (LPIL)	15.07	11.00	20.37	15.48	2.71	16.6
1	PRIAPULIDA (LPIL)	0.81	0.0	0.0	0.27	0.27	0.3
1	TARDIGRADA (LPIL)	1.43	0.0	2.65	1.36	0.77	1.5
1	ARCHIANNELIDA	0.20	0.0	0.0	0.07	0.07	0.1
TOTAL		77.82	68.04	133.43	93.09	20.36	100.0
DIVERSITY (H PRIME)		4.33	4.32	4.49	4.38	0.06	
DIVERSITY (J PRIME)		0.82	0.81	0.83	0.82	0.00	
NUMBER OF TAXA		39	40	43	51		

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1691 1692 1693

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PC TC GC S LOC  
6 1 43 1 3243

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL			WIND		CURENT			TEMP			COND	DO	PH	SALN	P	
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR						WAT
1721	2/17/77	1955	2	0.0	0	39.0	39.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	13.58	20	0.0	0	8.3	0.0	36.2	6
1722	2/17/77	1955	2	0.0	0	39.0	39.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	13.58	20	0.0	0	8.3	0.0	36.2	6	
1723	2/17/77	1955	2	0.0	0	39.0	39.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	13.58	20	0.0	0	8.3	0.0	36.2	6	

LS	TAXA	X			S.E.	REL AB%
		1	2	3		
1	CILIOPHORA (LPIL)	0.41	0.61	0.61	0.54	0.07 0.9
1	TURBELLARIA-(LPIL)	0.41	1.22	1.43	1.02	0.31 1.7
1	NEMERTINA (LPIL)	0.20	0.20	0.0	0.14	0.07 0.2
1	ROTIFERA (LPIL)	0.0	0.0	1.22	0.41	0.41 0.7
1	GASTROTRICHA (LPIL)	3.06	5.09	5.09	4.41	0.68 7.6
1	KINORHYNCHA (LPIL)	0.20	0.81	0.81	0.61	0.20 1.0
1	DESMOSCOLECIDAE (LPIL)	1.02	1.83	1.22	1.36	0.24 2.3
1	COMESOMATIDAE (LPIL)	0.41	0.20	0.0	0.20	0.12 0.3
1	CHROMODORIDAE (LPIL)	0.81	1.63	4.69	2.38	1.18 4.1
1	CYATHOLAIMIDAE (LPIL)	0.0	1.83	2.04	1.29	0.65 2.2
1	CHONIOLAIMIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07 0.1
1	MEYLIIDAE (LPIL)	0.0	0.41	0.0	0.14	0.14 0.2
1	DESMODORIDA	0.0	0.0	4.07	1.36	1.36 2.3
1	DRACONEMATIDAE (LPIL)	0.0	0.61	1.83	0.81	0.54 1.4
1	EPSILONEMATIDAE (LPIL)	0.0	1.02	0.81	0.61	0.31 1.0
1	MONOPOSTHIIDAE (LPIL)	0.41	0.0	0.20	0.20	0.12 0.3
1	CERAMONEMATIDAE (LPIL)	1.83	2.85	1.63	2.10	0.38 3.6
1	DESMODORIDAE (LPIL)	1.83	3.26	0.0	1.70	0.94 2.9
1	LEPTOLAIMIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07 0.1
1	CAMACOLAIMIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07 0.1
1	AXONOLAIMIDAE (LPIL)	0.0	0.20	0.20	0.14	0.07 0.2
1	LINHOMOEIDAE (LPIL)	0.61	0.20	0.41	0.41	0.12 0.7
1	MONHYSTERIDAE (LPIL)	1.63	1.22	3.87	2.24	0.82 3.8
1	OXYSTOMINIDAE (LPIL)	0.41	0.20	1.02	0.54	0.24 0.9
1	TRIPYLOIDIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07 0.1
1	ANTICOMIDAE (LPIL)	0.0	0.20	0.41	0.20	0.12 0.3
1	ENOPLIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07 0.1
1	ONCHOLAIMIDAE (LPIL)	0.0	0.41	0.41	0.27	0.14 0.5
1	ENCHELIIDAE (LPIL)	0.0	0.20	0.41	0.20	0.12 0.3
6	NEMATODA (LPIL)	0.0	0.41	0.41	0.27	0.14 0.5
1	NEMATODA (LPIL)	0.20	0.41	0.81	0.48	0.18 0.8
6	POLYCHAETA (LPIL)	5.30	10.39	4.69	6.79	1.81 11.6
1	OLIGOCHAETA (LPIL)	0.0	0.20	0.41	0.20	0.12 0.3
6	GASTROPODA (LPIL)	0.0	0.0	0.20	0.07	0.07 0.1
6	BIVALVIA (LPIL)	0.0	0.81	0.20	0.34	0.24 0.6

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LS	TAXA	1	2	3	X	S. E.	REL ABX
1	OSTRACODA (LPIL)	1.02	4.07	2.65	2.58	0.88	4.4
1	CALANOIDA (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	CYCLOPOIDA (LPIL)	0.81	1.02	2.24	1.36	0.45	2.3
1	LONGIPEDIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	CANUELLIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	ECTINOSOMIDAE (LPIL)	0.81	1.43	1.22	1.15	0.18	2.0
1	THALESTRIDAE (LPIL)	0.0	0.61	0.41	0.34	0.18	0.6
1	DIOSACCIDAE (LPIL)	3.26	0.0	3.67	2.31	1.16	4.0
1	AMEIRIDAE (LPIL)	1.22	1.83	0.81	1.29	0.30	2.2
1	PARAMESOCHRIDAE (LPIL)	1.02	5.09	2.65	2.92	1.18	5.0
1	TETRAGONICIPITIDAE (LPIL)	0.0	0.20	0.41	0.20	0.12	0.3
1	CANTHOCAMPTIDAE (LPIL)	0.0	0.20	0.20	0.14	0.07	0.2
1	CYLINDROPSILIDAE (LPIL)	0.41	2.04	1.02	1.15	0.48	2.0
1	CLETODIDAE (LPIL)	0.20	0.20	0.41	0.27	0.07	0.5
1	LAOPHONTIDAE (LPIL)	0.20	0.41	0.0	0.20	0.12	0.3
7814	HARPACTICOIDA (LPIL)	2.24	3.67	4.07	3.33	0.56	5.7
1	HARPACTICOIDA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
12	NAUPLIUS (LPIL)	4.89	7.13	13.24	8.42	2.50	14.4
1	PRIAPULIDA (LPIL)	0.0	0.41	0.0	0.14	0.14	0.2
1	TARDIGRADA (LPIL)	0.0	0.0	1.22	0.41	0.41	0.7
1	ARCHIANNELIDA	0.0	0.41	0.0	0.14	0.14	0.2
	TOTAL	35.45	65.80	73.95	58.40	11.71	100.0
	DIVERSITY (H PRIME)	4.20	4.48	4.55	4.41	0.11	
	DIVERSITY (J PRIME)	0.86	0.83	0.85	0.84	0.01	
	NUMBER OF TAXA	30	43	41	54		

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1721 1722 1723

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6 1 43 1 3253

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL		WIND		CURRENT			TEMP			COND	DO	PH	SALN	P	
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI						AIR
1761	2/18/77	130	2	0.0	0	42.6	42.6	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	13.61	55	0.0	0	7.2	0.0	36.1	6
1762	2/18/77	130	2	0.0	0	42.6	42.6	0.0	0	600.0	7	0.0	0	0.0	0	0.0	13.61	55	0.0	0	7.2	0.0	36.1	6	
1763	2/18/77	130	2	0.0	0	42.6	42.6	0.0	0	600.0	7	0.0	0	0.0	0	0.0	13.61	55	0.0	0	7.2	0.0	36.1	6	

LS	TAXA	REL		
		X	S.E.	ABX
		1	2	3
1	CILIOPHORA (LPIL)	0.0	1.22	0.0
1	HYDROZOA (LPIL)	0.0	0.20	0.0
1	TURBELLARIA-(LPIL)	0.81	1.63	0.61
1	NEMERTINA (LPIL)	0.20	0.81	0.0
1	GASTROTRICHA (LPIL)	4.48	7.94	4.28
1	KINORHYNCHA (LPIL)	0.81	0.61	0.41
1	DESMOSCOLECIDAE (LPIL)	0.41	1.22	0.61
1	COMESOMATIDAE (LPIL)	0.0	0.41	0.61
185	CHROMODORIDAE (LPIL)	3.67	5.70	1.22
1	CYATHOLAIMIDAE (LPIL)	1.22	1.83	0.61
1	CHONIOLAIMIDAE (LPIL)	0.81	1.02	1.83
1	SELANCHONEMATIDAE (LPIL)	0.0	0.0	0.20
1	MEYLIIDAE (LPIL)	0.0	0.20	0.0
1	DRACONEMATIDAE (LPIL)	0.0	0.20	0.0
1	EPSILONEMATIDAE (LPIL)	0.0	0.61	0.0
1	MONOPOSTHIIDAE (LPIL)	0.81	0.41	0.0
1	CERAMONEMATIDAE (LPIL)	1.63	2.65	0.20
1	DESMODORIDAE (LPIL)	3.67	5.30	1.83
1	LEPTOLAIMIDAE (LPIL)	0.20	4.69	1.43
1	AXONOLAIMIDAE (LPIL)	0.20	1.43	1.22
1	LINHOMOEIDAE (LPIL)	0.41	1.22	0.61
1	MONHYSTERIDAE (LPIL)	2.65	3.87	2.65
1	OXYSTOMINIDAE (LPIL)	1.63	0.41	0.0
1	TRIPYLOIDIDAE (LPIL)	0.20	0.0	0.0
1	ANTICOMIDAE (LPIL)	0.41	0.20	0.0
1	ENOPLIDAE (LPIL)	0.41	0.20	1.02
1	ONCHOLAIMIDAE (LPIL)	0.20	0.20	0.41
1	ENCHELIDIIDAE (LPIL)	0.0	0.20	1.22
6	NEMATODA (LPIL)	0.0	0.20	0.0
1	NEMATODA (LPIL)	0.41	0.20	0.41
6	POLYCHAETA (LPIL)	2.44	4.69	1.43
1	OLIGOCHAETA (LPIL)	0.0	0.20	0.0
6	BIVALVIA (LPIL)	0.0	0.20	0.0
1	HALACARIDAE (LPIL)	0.20	0.20	0.0
1	OSTRACODA (LPIL)	2.24	3.26	2.04

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BLM OCS/SABP

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

LS	TAXA	1	2	3	X	S.E.	REL ABX
1	MYSTACOCARIDA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
1	CYCLOPOIDA (LPIL)	0.61	1.22	1.43	1.09	0.24	1.6
1	CANUELLIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
1	ECTINOSOMIDAE (LPIL)	1.43	0.61	0.61	0.88	0.27	1.3
1	TACHIDIIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
1	HARPACTICIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
1	THALESTRIDAE (LPIL)	0.41	2.44	2.24	1.70	0.65	2.6
1	DIOSACCIDAE (LPIL)	2.44	2.44	1.63	2.17	0.27	3.3
1	AMEIRIDAE (LPIL)	2.04	2.65	2.04	2.24	0.20	3.4
1	PARAMESOCHRIDAE (LPIL)	1.02	2.24	1.22	1.49	0.38	2.2
1	TETRAGONICIPITIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
1	CANTHOCAMPTIDAE (LPIL)	0.41	0.0	0.0	0.14	0.14	0.2
1	CYLINDROPSILIDAE (LPIL)	2.04	1.83	1.83	1.90	0.07	2.9
1	CLETODIDAE (LPIL)	0.0	0.61	0.20	0.27	0.18	0.4
1	LAOPHONTIDAE (LPIL)	0.41	1.83	1.43	1.22	0.42	1.8
14	HARPACTICOIDA (LPIL)	2.04	6.31	5.50	4.62	1.31	6.9
1	HARPACTICOIDA (LPIL)	1.22	1.63	1.22	1.36	0.14	2.0
9812	NAUPLIUS (LPIL)	4.69	14.46	9.78	9.64	2.82	14.5
2	CRUSTACEA (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	TARDIGRADA (LPIL)	0.81	2.04	0.41	1.09	0.49	1.6
6	STELLEROIDEA (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
1	ARCHIANNELIDA	0.20	0.0	0.0	0.07	0.07	0.1
6	UNIDENTIFIED: 950990000	0.0	0.20	0.0	0.07	0.07	0.1
	TOTAL	50.93	94.11	54.59	66.54	13.82	100.0
	DIVERSITY (H PRIME)	4.72	4.63	4.42	4.59	0.09	
	DIVERSITY (J PRIME)	0.88	0.84	0.87	0.86	0.01	
	NUMBER OF TAXA	42	46	34	56		

ABOVE COMPUTED USING SAMPLE IDS

1761 1762 1763

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC

6 1 43 1 3363

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL			WIND			CURRENT			TEMP			COND	DO	PH	SALN	P
				UNITS	C			SP	D	UNITS	C	SECH	WT	SC	DI	CL	SP	DI	AIR	WAT	BT					
1801	2/18/77	1352	1	0.0	0	540.0	540.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	8.94	30	0.0	0	4.4	0.0	35.0	6
1802	2/18/77	1352	1	0.0	0	540.0	540.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	8.94	30	0.0	0	4.4	0.0	35.0	6
1803	2/18/77	1352	1	0.0	0	540.0	540.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	8.94	30	0.0	0	4.4	0.0	35.0	6

LS	TAXA	REL			S.E.	ABX
		1	2	3		
1	CILIOPHORA (LPIL)	0.0	0.0	0.41	0.14	3.7
1	GASTROTRICHA (LPIL)	0.81	0.20	0.0	0.34	9.3
1	KINORHYNCHA (LPIL)	0.0	0.0	0.20	0.07	1.9
1	DESMOSCOLECIDAE (LPIL)	0.0	1.02	0.20	0.41	11.1
1	COMESOMATIDAE (LPIL)	0.0	0.20	0.0	0.07	1.9
1	CHROMODORIDAE (LPIL)	0.0	0.61	0.0	0.20	5.6
1	CYATHOLAIMIDAE (LPIL)	0.0	0.20	0.0	0.07	1.9
1	CHONIOLAIMIDAE (LPIL)	0.0	0.0	0.41	0.14	3.7
1	CERAMONEMATIDAE (LPIL)	0.20	0.0	0.0	0.07	1.9
1	DESMODORIDAE (LPIL)	0.20	0.20	0.41	0.27	7.4
1	DESMODORIDA (LPIL)	0.20	0.0	0.0	0.07	1.9
1	MONHYSTERIDAE (LPIL)	0.41	0.61	0.41	0.48	13.0
1	OXYSTOMINIDAE (LPIL)	0.20	0.0	0.0	0.07	1.9
1	ONCHOLAIMIDAE (LPIL)	0.0	0.20	0.0	0.07	1.9
1	ENCHELIDIIDAE (LPIL)	0.0	0.0	0.20	0.07	1.9
6	POLYCHAETA (LPIL)	0.0	0.0	0.20	0.07	1.9
6	BIVALVIA (LPIL)	0.20	0.0	0.0	0.07	1.9
1	HALACARIDAE (LPIL)	0.20	0.0	0.0	0.07	1.9
1	OSTRACODA (LPIL)	0.20	0.0	0.0	0.07	1.9
1	CALANOIDA (LPIL)	0.0	0.20	0.0	0.07	1.9
1	DIOSACCIDAE (LPIL)	0.0	0.0	0.20	0.07	1.9
1	AMEIRIDAE (LPIL)	0.0	0.0	0.20	0.07	1.9
1	PARAMESOCHRIDAE (LPIL)	0.20	0.0	0.0	0.07	1.9
14	HARPACTICOIDA (LPIL)	0.20	0.0	0.0	0.07	1.9
12	NAUPLIUS (LPIL)	0.61	0.41	0.20	0.41	11.1
1	TARDIGRADA (LPIL)	0.20	0.0	0.0	0.07	1.9
1	CHAETOGNATHA (LPIL)	0.0	0.0	0.20	0.07	1.9
TOTAL		3.87	3.87	3.26	3.67	100.0
DIVERSITY (H PRIME)		3.47	3.03	3.50	3.33	
DIVERSITY (J PRIME)		0.94	0.91	0.98	0.94	
NUMBER OF TAXA		13	10	12	27	

ABOVE COMPUTED USING SAMPLE IDS  
1801 1802 1803

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WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 36	23	24	- X	S. E.	REL AB%
1	CILIOPHORA (LPIL)	5.77 0.41	1.90 0.14	0.88	0.54	1.61	0.87	2.5
1	PORIFERA (LPIL)	0.0 0.0	3.73 0.0	0.0	0.0	0.62	0.62	1.0
1	HYDROZOA (LPIL)	0.0 0.07	0.0 0.0	0.0	0.0	0.01	0.01	0.0
1	TURBELLARIA-(LPIL)	5.43 1.02	2.65 0.0	2.38	1.02	2.08	0.78	3.2
1	NEMERTINA (LPIL)	1.22 0.34	0.81 0.0	0.07	0.14	0.43	0.20	0.7
1	ROTIFERA (LPIL)	0.0 0.0	0.0 0.0	0.07	0.41	0.08	0.07	0.1
1	GASTROTRICHA (LPIL)	12.56 5.57	4.35 0.34	10.93	4.41	6.36	1.86	9.8
1	KINORHYNCHA (LPIL)	0.0 0.61	0.0 0.07	0.48	0.61	0.29	0.12	0.5
1	DESMOSCOLECIDAE(LPIL)	3.46 0.75	1.29 0.41	1.70	1.36	1.49	0.44	2.3
91	UNIDENTIFIED: 59020109	0.0 0.0	0.48 0.0	0.0	0.0	0.08	0.08	0.1
1	COMESOMATIDAE (LPIL)	0.95 0.34	1.97 0.07	0.0	0.20	0.59	0.31	0.9
91	UNIDENTIFIED: 59020209	0.0 0.0	1.97 0.0	0.0	0.0	0.33	0.33	0.5
1	CHROMODORIDAE (LPIL)	9.91 3.53	6.45 0.20	3.06	2.38	4.26	1.40	6.6
91	UNIDENTIFIED: 59020309	0.0 0.0	1.49 0.0	0.0	0.0	0.25	0.25	0.4

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 36	23	24	- X	S. E.	REL ABX
1	CYATHOLAIMIDAE (LPIL)	3.26 1.22	2.92 0.07	1.90	1.29	1.78	0.48	2.7
1	CHONOLAIMIDAE (LPIL)	2.92 1.22	0.34 0.14	0.61	0.07	0.88	0.44	1.4
1	SELANCHONEMATIDAE (LPIL)	0.14 0.07	0.0 0.0	0.14	0.0	0.06	0.03	0.1
1	MEYLIIDAE (LPIL)	0.0 0.07	0.0 0.0	0.07	0.14	0.05	0.02	0.1
1	DESMODORIDA	0.0 0.0	0.0 0.0	0.0	1.36	0.23	0.23	0.3
1	DRACONEMATIDAE (LPIL)	0.0 0.07	0.07 0.0	0.61	0.81	0.26	0.15	0.4
1	EPSILONEMATIDAE (LPIL)	0.0 0.20	0.07 0.0	1.29	0.61	0.36	0.21	0.6
1	RICHTERSIIDAE (LPIL)	2.72 0.0	0.0 0.0	0.0	0.0	0.45	0.45	0.7
1	MONOPOSTHIIDAE (LPIL)	0.61 0.41	0.95 0.0	0.88	0.20	0.51	0.15	0.8
1	CERAMONEMATIDAE (LPIL)	11.88 1.49	1.09 0.07	0.88	2.10	2.92	1.81	4.5
91	UNIDENTIFIED: 59030709	0.0 0.0	1.36 0.0	0.0	0.0	0.23	0.23	0.3
1	DESMODORIDAE (LPIL)	4.41 3.60	5.91 0.27	4.75	1.70	3.44	0.85	5.3
1	DESMODORIDA (LPIL)	0.0 0.0	0.0 0.07	0.0	0.0	0.01	0.01	0.0
1	LEPTOLAIMIDAE (LPIL)	1.09 2.10	0.61 0.0	0.27	0.07	0.69	0.33	1.1

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 36	23	24	- X	S.E.	REL AB%
1	CAMACOLAIMIDAE (LPIL)	0.0 0.0	0.0 0.0	0.0	0.07	0.01	0.01	0.0
91	UNIDENTIFIED: 59040509	0.0 0.0	0.14 0.0	0.0	0.0	0.02	0.02	0.0
1	AXONOLAIMIDAE (LPIL)	2.85 0.95	1.22 0.0	0.07	0.14	0.87	0.45	1.3
1	SIPHONOLAIMIDAE (LPIL)	0.07 0.0	0.0 0.0	0.0	0.0	0.01	0.01	0.0
1	LINHOMOEIDAE (LPIL)	1.97 0.75	0.54 0.0	0.68	0.41	0.72	0.27	1.1
10 91	UNIDENTIFIED: 59050409	0.0 0.0	1.90 0.0	0.0	0.0	0.32	0.32	0.5
1	MONHYSTERIDAE (LPIL)	10.12 3.06	7.33 0.48	5.36	2.24	4.76	1.45	7.3
1	OXYSTOMINIDAE (LPIL)	2.10 0.68	0.95 0.07	1.02	0.54	0.89	0.28	1.4
1	TRIPYLOIDIDAE (LPIL)	0.0 0.07	0.07 0.0	0.14	0.07	0.06	0.02	0.1
91	UNIDENTIFIED: 59060709	0.0 0.0	0.07 0.0	0.0	0.0	0.01	0.01	0.0
1	ANTICOMIDAE (LPIL)	0.0 0.20	0.0 0.0	0.07	0.20	0.08	0.04	0.1
1	ENOPLIDAE (LPIL)	2.24 0.54	0.88 0.0	0.34	0.07	0.68	0.34	1.0
1	RHABDODEMANIDAE (LPIL)	0.0 0.0	0.07 0.0	0.14	0.0	0.03	0.02	0.1
1	ONCHOLAIMIDAE (LPIL)	2.31 0.27	1.22 0.07	0.48	0.27	0.77	0.35	1.2

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 36	23	24	- X	S.E.	REL ABX
1	ENCHELIDIIDAE (LPIL)	0.20 0.48	0.0 0.07	0.0	0.20	0.16	0.07	0.2
6	NEMATODA (LPIL)	1.36 0.07	1.56 0.0	0.88	0.27	0.69	0.28	1.1
1	NEMATODA (LPIL)	1.70 0.34	1.43 0.0	0.68	0.48	0.77	0.27	1.2
6	POLYCHAETA (LPIL)	0.34 2.85	0.34 0.07	5.84	6.79	2.70	1.22	4.2
1	POLYCHAETA (LPIL)	0.61 0.0	0.95 0.0	0.0	0.0	0.26	0.17	0.4
1	OLIGOCHAETA (LPIL)	0.0 0.07	0.48 0.0	0.34	0.20	0.18	0.08	0.3
6	GASTROPODA (LPIL)	0.0 0.0	0.0 0.0	0.0	0.07	0.01	0.01	0.0
6	BIVALVIA (LPIL)	0.27 0.07	0.54 0.07	0.81	0.34	0.35	0.12	0.5
1	HALACARIDAE (LPIL)	0.0 0.14	0.14 0.07	0.0	0.0	0.06	0.03	0.1
1	OSTRACODA (LPIL)	0.14 2.51	1.15 0.07	3.87	2.58	1.72	0.62	2.7
1	MYSTACOCARIDA (LPIL)	0.0 0.07	0.0 0.0	0.0	0.0	0.01	0.01	0.0
1	CALANOIDA (LPIL)	0.0 0.0	0.0 0.07	0.0	0.07	0.02	0.01	0.0
1	CYCLOPOIDA (LPIL)	0.0 1.09	0.54 0.0	0.81	1.36	0.63	0.23	1.0
1	LONGIPEDIDAE (LPIL)	0.0 0.0	0.07 0.0	0.07	0.07	0.03	0.02	0.1

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WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 36	23	24	- X	S. E.	REL AB%
1	CANUELLIDAE (LPIL)	0.0 0.07	0.0 0.0	0.07	0.07	0.03	0.02	0.1
1	ECTINOSOMIDAE (LPIL)	0.68 0.88	0.54 0.0	1.36	1.15	0.77	0.20	1.2
1	TACHIDIIDAE (LPIL)	0.0 0.07	0.0 0.0	0.0	0.0	0.01	0.01	0.0
1	HARPACTICIDAE (LPIL)	0.14 0.07	0.0 0.0	0.0	0.0	0.03	0.02	0.1
1	THALESTRIDAE (LPIL)	0.0 1.70	0.0 0.0	0.88	0.34	0.49	0.28	0.7
192	PARASTENHELIDAE (LPIL)	0.0 0.0	0.0 0.0	0.07	0.0	0.01	0.01	0.0
1	DIOSACCIDAE (LPIL)	0.07 2.17	0.48 0.07	2.92	2.31	1.34	0.52	2.1
1	AMEIRIDAE (LPIL)	0.0 2.24	0.34 0.07	1.22	1.29	0.86	0.36	1.3
1	PARAMESOCHRIDAE (LPIL)	0.0 1.49	3.80 0.07	3.19	2.92	1.91	0.67	2.9
1	TETRAGONICIPITIDAE (LPIL)	0.0 0.07	0.07 0.0	0.41	0.20	0.12	0.06	0.2
1	CANTHOCAMPTIDAE (LPIL)	0.0 0.14	0.07 0.0	0.20	0.14	0.09	0.03	0.1
1	CYLINDROPSILIDAE (LPIL)	0.41 1.90	0.41 0.0	3.40	1.15	1.21	0.52	1.9
1	CLETODIDAE (LPIL)	0.0 0.27	0.07 0.0	0.95	0.27	0.26	0.15	0.4
1	LAOPHONTIDAE (LPIL)	0.14 1.22	0.0 0.0	0.41	0.20	0.33	0.19	0.5

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 36	23	24	- X	S. E.	REL AB%
14	HARPACTICOIDA (LPIL)	0.07 4.62	1.22 0.07	8.01	3.33	2.89	1.27	4.4
1	HARPACTICOIDA (LPIL)	0.0 1.36	0.07 0.0	0.27	0.07	0.29	0.22	0.5
6	CUMACEA (LPIL)	0.27 0.0	0.07 0.0	0.0	0.0	0.06	0.04	0.1
12	NAUPLIUS (LPIL)	0.07 9.64	1.77 0.41	15.48	8.42	5.96	2.54	9.2
2	CRUSTACEA (LPIL)	0.0 0.07	0.0 0.0	0.0	0.0	0.01	0.01	0.0
1	SIPUNCULIDA (LPIL)	0.14 0.0	0.0 0.0	0.0	0.0	0.02	0.02	0.0
1	PRIAPULIDA (LPIL)	0.48 0.0	0.88 0.0	0.27	0.14	0.29	0.14	0.5
1	TARDIGRADA (LPIL)	0.0 1.09	0.48 0.07	1.36	0.41	0.57	0.22	0.9
6	TARDIGRADA (LPIL)	0.0 0.0	0.07 0.0	0.0	0.0	0.01	0.01	0.0
6	STELLEROIDEA (LPIL)	0.0 0.07	0.0 0.0	0.0	0.0	0.01	0.01	0.0
1	CHAETOGNATHA (LPIL)	0.0 0.0	0.0 0.07	0.0	0.0	0.01	0.01	0.0
1	ARCHIANNELIDA	0.27 0.07	0.0 0.0	0.07	0.14	0.09	0.04	0.1
6	UNIDENTIFIED: 950990000	0.0 0.07	0.0 0.0	0.0	0.0	0.01	0.01	0.0
TOTAL		95.33 66.54	72.32 3.67	93.09	58.40	64.89	13.63	100.0

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MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11	12	23	24	- X	S.E.	REL ABX
DIVERSITY (H PRIME)		25 4.07 4.59	36 4.29 3.33	4.38	4.41	4.18	0.18	
DIVERSITY (J PRIME)		0.83 0.86	0.84 0.94	0.82	0.84	0.86	0.02	
NUMBER OF TAXA		38 56	52 27	51	54	79		

ABOVE COMPUTED USING SAMPLE IDS

1621	1622	1623	1651
1652	1653	1691	1692
1693	1721	1722	1723
1761	1762	1763	1801
1802	1803		

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WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC  
6 1 43 1 4113

SID	DATE	TIME	D/N	DURATION			TOW				SAMP VOL				WIND		CURRENT				TEMP				COND	DO	PH	SALN	P
				UNITS	C	SD	WD	SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR	WAT	BT	TURBD						
1831	2/20/77	1313	1	0.0	0	11.0	11.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	8.68	77	0.0	0	9.9	0.0	31.3	0			
1832	2/20/77	1313	1	0.0	0	11.0	11.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	8.68	77	0.0	0	9.9	0.0	31.3	0			
1833	2/20/77	1313	1	0.0	0	11.0	11.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	8.68	77	0.0	0	9.9	0.0	31.3	0			

LS	TAXA	REL			S.E.	ABX	
		1	2	3			
1	CILIOPHORA (LPIL)	1.22	0.0	6.52	2.58	2.00	3.4
1	TURBELLARIA-(LPIL)	1.43	0.41	5.30	2.38	1.49	3.2
1	NEMERTINA (LPIL)	0.41	0.20	1.22	0.61	0.31	0.8
1	GASTROTRICHA (LPIL)	4.07	0.81	18.33	7.74	5.38	10.3
1	DESMOSCOLECIDAE(LPIL)	0.61	0.41	0.61	0.54	0.07	0.7
1	COMESOMATIDAE (LPIL)	1.83	0.61	1.63	1.36	0.38	1.8
1	CHROMODORIDAE (LPIL)	5.50	6.11	19.96	10.52	4.72	14.0
1	CYATHOLAIMIDAE (LPIL)	1.43	2.44	4.69	2.85	0.96	3.8
1	CHONIOLOAIMIDAE (LPIL)	0.41	0.41	0.61	0.48	0.07	0.6
1	RICHTERSIIDAE (LPIL)	0.20	2.04	0.0	0.75	0.65	1.0
1	MONOPOSTHIIDAE (LPIL)	0.20	0.41	2.04	0.88	0.58	1.2
1	CERAMONEMATIDAE (LPIL)	0.81	4.89	3.46	3.06	1.19	4.1
1	DESMODORIDAE (LPIL)	6.31	12.02	14.46	10.93	2.41	14.6
1	LEPTOLAIMIDAE (LPIL)	1.22	2.65	3.46	2.44	0.65	3.3
1	AXONOLAIMIDAE (LPIL)	0.61	1.02	0.0	0.54	0.30	0.7
1	LINHOMOEIDAE (LPIL)	2.04	4.28	2.04	2.78	0.75	3.7
1	MONHYSTERIDAE (LPIL)	5.50	5.09	7.33	5.98	0.69	8.0
1	OXYSTOMINIDAE (LPIL)	0.81	2.65	3.46	2.31	0.78	3.1
1	IRONIDAE (LPIL)	0.41	0.0	0.0	0.14	0.14	0.2
1	ANTICOMIDAE (LPIL)	0.20	0.41	0.0	0.20	0.12	0.3
1	ENOPLIDAE (LPIL)	0.20	2.04	1.22	1.15	0.53	1.5
1	ONCHOLAIMIDAE (LPIL)	5.09	6.52	7.74	6.45	0.77	8.6
1	ENCHELIDIIDAE (LPIL)	0.0	0.41	0.0	0.14	0.14	0.2
6	NEMATODA (LPIL)	1.02	1.43	3.06	1.83	0.62	2.4
1	NEMATODA (LPIL)	2.04	1.43	3.87	2.44	0.73	3.3
6	POLYCHAETA (LPIL)	0.20	0.61	0.81	0.54	0.18	0.7
6	GASTROPODA (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
6	BIVALVIA (LPIL)	0.41	0.0	0.61	0.34	0.18	0.5
1	HALACARIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	ECTINOSOMIDAE (LPIL)	0.0	0.81	0.20	0.34	0.24	0.5
1	HARPACTICIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
1	DIOSACCIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
1	AMEIRIDAE (LPIL)	0.0	0.0	0.41	0.14	0.14	0.2
1	CLETODIDAE (LPIL)	0.41	0.0	0.0	0.14	0.14	0.2
1	LAOPHONTIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1

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LS	TAXA	1	2	3	- X	S. E.	REL AB%
1	ANCORABOLIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
14	HARPACTICOIDA (LPIL)	0.20	0.20	0.0	0.14	0.07	0.2
12	NAUPLIUS (LPIL)	0.0	0.0	0.41	0.14	0.14	0.2
1	PRIAPULIDA (LPIL)	0.81	0.20	3.06	1.36	0.87	1.8
1	TARDIGRADA (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	ARCHIANNELIDA	0.0	0.20	0.81	0.34	0.24	0.5
TOTAL		46.04	61.32	117.74	75.03	21.81	100.0
DIVERSITY (H PRIME)		4.07	3.98	3.92	3.99	0.04	
DIVERSITY (J PRIME)		0.83	0.81	0.82	0.82	0.01	
NUMBER OF TAXA		30	30	28	40		

ABOVE COMPUTED USING SAMPLE IDS  
1831 1832 1833

196

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC

6 1 43 1 4123

SID	DATE	TIME	D/N	DURATION			TOW			SAMP VOL			WIND			CURRENT			TEMP			COND	DO	PH	SALN	P			
				UNITS	C	SD	WD	SP	D	UNITS	C	SECH	WT	SC	DI	CL	SP	DI	AIR	WAT	BT						TURBD		
1861	2/20/77	1733	1	0.0	0	11.0	11.0	0.0	0	600.0	7	0.0	0	0	0	0	0.0	0	0.0	0	0.0	9.03	55	0.0	0	10.2	0.0	31.6	0
1862	2/20/77	1733	1	0.0	0	11.0	11.0	0.0	0	600.0	7	0.0	0	0	0	0	0.0	0	0.0	0	0.0	9.03	55	0.0	0	10.2	0.0	31.6	0
1863	2/20/77	1733	1	0.0	0	11.0	11.0	0.0	0	600.0	7	0.0	0	0	0	0	0.0	0	0.0	0	0.0	9.03	55	0.0	0	10.2	0.0	31.6	0

LS	TAXA	REL			S.E.	ABX	
		1	2	3			
1	CILIOPHORA (LPIL)	1.22	0.61	1.63	1.15	0.30	1.1
1	CTENOPHORA (LPIL)	0.0	0.0	0.61	0.20	0.20	0.2
1	TURBELLARIA-(LPIL)	1.63	0.61	4.28	2.17	1.09	2.1
1	GASTROTRICHA (LPIL)	3.67	4.69	12.22	6.86	2.70	6.7
1	KINORHYNCHA (LPIL)	3.06	3.06	1.63	2.58	0.48	2.5
1	DESMOSCOLECIDAE (LPIL)	3.26	0.41	4.28	2.65	1.16	2.6
1	COMESOMATIDAE (LPIL)	0.20	0.0	0.20	0.14	0.07	0.1
1	CHROMODORIDAE (LPIL)	4.69	2.44	5.91	4.35	1.01	4.3
1	CYATHOLAIMIDAE (LPIL)	2.24	2.65	2.85	2.58	0.18	2.5
1	CHONIOLAIMIDAE (LPIL)	1.63	0.81	1.22	1.22	0.24	1.2
1	SELANCHONEMATIDAE (LPIL)	0.41	0.0	0.0	0.14	0.14	0.1
1	MEYLIIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
1	DRACONEMATIDAE (LPIL)	0.81	0.41	4.07	1.77	1.16	1.7
1	EPSILONEMATIDAE (LPIL)	1.02	0.81	2.44	1.43	0.51	1.4
1	RICHTERSIIDAE (LPIL)	0.41	0.0	0.0	0.14	0.14	0.1
1	MONOPOSTHIIDAE (LPIL)	1.83	1.22	0.41	1.15	0.41	1.1
1	CERAMONEMATIDAE (LPIL)	3.26	2.44	1.63	2.44	0.47	2.4
1	DESMODORIDAE (LPIL)	16.91	8.15	28.52	17.86	5.90	17.5
1	LEPTOLAIMIDAE (LPIL)	2.65	0.81	1.83	1.77	0.53	1.7
1	AXONOLAIMIDAE (LPIL)	1.02	1.02	1.43	1.15	0.14	1.1
1	LINHOMOEIDAE (LPIL)	2.04	1.02	2.24	1.77	0.38	1.7
1	MONHYSTERIDAE (LPIL)	9.57	3.26	9.17	7.33	2.04	7.2
1	OXYSTOMINIDAE (LPIL)	0.20	0.20	1.02	0.48	0.27	0.5
1	IRONIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
1	TRIPYLOIDIDAE (LPIL)	0.0	0.0	0.41	0.14	0.14	0.1
1	ENOPLIDAE (LPIL)	0.20	0.41	0.61	0.41	0.12	0.4
1	RHABDODEMANIDAE (LPIL)	0.0	0.0	0.41	0.14	0.14	0.1
1	ONCHOLAIMIDAE (LPIL)	1.02	0.20	0.61	0.61	0.24	0.6
1	ENCHELIDIIDAE (LPIL)	0.41	0.0	0.81	0.41	0.24	0.4
6	NEMATODA (LPIL)	1.63	0.0	2.44	1.36	0.72	1.3
1	NEMATODA (LPIL)	2.04	0.41	0.0	0.81	0.62	0.8
6	POLYCHAETA (LPIL)	7.54	4.28	7.74	6.52	1.12	6.4
6	GASTROPODA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
6	BIVALVIA (LPIL)	0.41	0.0	1.43	0.61	0.42	0.6
1	HALACARIDAE (LPIL)	0.41	0.61	0.61	0.54	0.07	0.5

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LS	TAXA	1	2	3	X	S.E.	REL ABX
1	OSTRACODA (LPIL)	1.63	1.22	4.89	2.58	1.16	2.5
1	CYCLOPOIDA (LPIL)	0.61	0.20	0.20	0.34	0.14	0.3
1	ECTINOSOMIDAE (LPIL)	2.24	0.81	0.61	1.22	0.51	1.2
1	THALESTRIDAE (LPIL)	0.20	0.0	0.20	0.14	0.07	0.1
1	DIOSACCIDAE (LPIL)	3.87	0.61	2.65	2.38	0.95	2.3
1	AMEIRIDAE (LPIL)	0.61	1.43	1.22	1.09	0.24	1.1
1	PARAMESOCHRIDAE (LPIL)	2.04	0.61	2.24	1.63	0.51	1.6
1	CYLINDROPSILIDAE (LPIL)	4.89	2.24	5.09	4.07	0.92	4.0
1	CLETODIDAE (LPIL)	0.81	1.02	0.0	0.61	0.31	0.6
1	LAOPHONTIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
14	HARPACTICOIDA (LPIL)	7.54	3.26	4.89	5.23	1.25	5.1
1	HARPACTICOIDA (LPIL)	0.20	0.0	3.06	1.09	0.99	1.1
12	NAUPLIUS (LPIL)	3.46	4.89	13.04	7.13	2.98	7.0
1	SIPUNCULIDA (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	PRIAPULIDA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
101	TARDIGRADA (LPIL)	0.20	0.61	3.46	1.43	1.03	1.4
	TOTAL	103.89	57.65	145.04	102.19	25.24	100.0
	DIVERSITY (H PRIME)	4.56	4.50	4.45	4.50	0.03	
	DIVERSITY (J PRIME)	0.85	0.88	0.81	0.85	0.02	
	NUMBER OF TAXA	41	35	44	49		

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1861 1862 1863

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BENTHIC MICROINFAUNA

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STATION REPORT

PC TC GC S LOC

6 1 43 1 4233

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL		WIND		CURRENT		TEMP			COND	DO	PH	SALN	P		
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP						DI	AIR
1891	2/24/77	1615	1	0.0	0	20.0	20.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	10.64	20	0.0	0	9.2	0.0	34.7	6
1892	2/24/77	1615	1	0.0	0	20.0	20.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	10.64	20	0.0	0	9.2	0.0	34.7	6
1893	2/24/77	1615	1	0.0	0	20.0	20.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	10.64	20	0.0	0	9.2	0.0	34.7	6

LS	TAXA	REL			S.E.	ABX	
		1	2	3			
1	CILIOPHORA (LPIL)	0.81	0.61	0.41	0.61	0.12	0.5
1	TURBELLARIA-(LPIL)	2.04	2.04	1.63	1.90	0.14	1.5
1	NEMERTINA (LPIL)	1.22	0.41	1.22	0.95	0.27	0.8
1	GASTROTRICHA (LPIL)	10.59	11.00	9.78	10.46	0.36	8.3
1	KINORHYNCHA (LPIL)	0.61	0.20	0.61	0.48	0.14	0.4
1	DESMOSCOLECIDAE(LPIL)	2.65	3.87	1.63	2.72	0.65	2.2
1	COMESOMATIDAE (LPIL)	1.22	0.20	0.20	0.54	0.34	0.4
191	CHROMODORIDAE (LPIL)	3.46	4.28	3.67	3.80	0.24	3.0
1	CYATHOLAIMIDAE (LPIL)	2.24	1.83	2.44	2.17	0.18	1.7
1	CHONIOLAIMIDAE (LPIL)	1.02	1.02	1.02	1.02	0.0	0.8
1	SELANCHONEMATIDAE	0.0	1.43	0.0	0.48	0.48	0.4
1	SELANCHONEMATIDAE (LPIL)	2.04	0.0	1.22	1.09	0.59	0.9
1	MEYLIIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
1	DRACONEMATIDAE (LPIL)	2.04	0.41	0.61	1.02	0.51	0.8
1	EPSILONEMATIDAE (LPIL)	8.56	17.93	18.13	14.87	3.16	11.8
1	RICHTERSIIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	MONOPOSTHIIDAE (LPIL)	3.06	1.43	1.02	1.83	0.62	1.5
1	CERAMONEMATIDAE (LPIL)	2.04	2.04	0.81	1.63	0.41	1.3
1	DESMODORIDAE (LPIL)	8.56	7.94	7.94	8.15	0.20	6.5
1	LEPTOLAIMIDAE (LPIL)	2.65	5.30	3.67	3.87	0.77	3.1
1	AXONOLAIMIDAE (LPIL)	0.81	0.61	0.61	0.68	0.07	0.5
1	LINHOMOEIDAE (LPIL)	0.81	1.83	0.20	0.95	0.48	0.8
1	MONHYSTERIDAE (LPIL)	2.85	5.70	4.28	4.28	0.82	3.4
1	OXYSTOMINIDAE (LPIL)	3.06	0.81	1.63	1.83	0.65	1.5
1	ANTICOMIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	ENOPLIDAE (LPIL)	0.61	0.41	0.41	0.48	0.07	0.4
1	RHABDODEMANIDAE (LPIL)	0.0	0.20	0.41	0.20	0.12	0.2
1	ONCHOLAIMIDAE (LPIL)	0.0	0.41	0.20	0.20	0.12	0.2
1	ENCHELIDIIDAE (LPIL)	1.43	0.20	1.02	0.88	0.36	0.7
6	NEMATODA (LPIL)	0.61	0.61	0.41	0.54	0.07	0.4
1	NEMATODA (LPIL)	1.22	2.04	1.43	1.56	0.24	1.2
6	POLYCHAETA (LPIL)	9.98	4.07	8.15	7.40	1.75	5.9
1	OLIGOCHAETA (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
6	GASTROPODA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
6	BIVALVIA (LPIL)	0.0	0.81	0.61	0.48	0.24	0.4

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LS	TAXA	1	2	3	- X	S.E.	REL AB%
1	HALACARIDAE (LPIL)	2.24	2.04	1.02	1.77	0.38	1.4
1	OSTRACODA (LPIL)	3.46	5.70	4.28	4.48	0.65	3.6
1	MYSTACOCARIDA (LPIL)	1.43	0.81	2.24	1.49	0.41	1.2
1	CYCLOPOIDA (LPIL)	0.41	0.41	1.02	0.61	0.20	0.5
1	ECTINOSOMIDAE (LPIL)	0.61	0.81	1.43	0.95	0.24	0.8
1	TISBIDAE (LPIL)	0.41	0.20	0.0	0.20	0.12	0.2
1	THALESTRIDAE (LPIL)	0.41	0.61	1.83	0.95	0.45	0.8
1	DIOSACCIDAE (LPIL)	3.87	4.28	6.11	4.75	0.69	3.8
1	AMEIRIDAE (LPIL)	1.83	0.20	2.24	1.43	0.62	1.1
1	PARAMESOCHRIDAE (LPIL)	3.46	3.26	3.06	3.26	0.12	2.6
1	TETRAGONICIPITIDAE (LPIL)	2.44	0.61	0.41	1.15	0.65	0.9
1	CANTHOCAMPTIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	CYLINDROPSILIDAE (LPIL)	7.33	4.89	4.89	5.70	0.81	4.5
1	CLETODIDAE (LPIL)	1.43	0.41	2.04	1.29	0.48	1.0
1	LAOPHONTIDAE (LPIL)	1.63	1.02	0.81	1.15	0.24	0.9
200	14 HARPACTICOIDA (LPIL)	5.30	5.09	3.46	4.62	0.58	3.7
1	HARPACTICOIDA (LPIL)	0.0	0.41	0.20	0.20	0.12	0.2
12	NAUPLIUS (LPIL)	5.50	10.19	15.07	10.25	2.76	8.1
1	PRIAPULIDA (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
1	TARDIGRADA (LPIL)	4.28	5.50	2.04	3.94	1.01	3.1
1	INVERTEBRATE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
	TOTAL	122.43	127.11	127.93	125.82	1.71	100.0
	DIVERSITY (H PRIME)	4.92	4.68	4.65	4.75	0.09	
	DIVERSITY (J PRIME)	0.91	0.83	0.84	0.86	0.02	
	NUMBER OF TAXA	43	50	46	54		

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1891 1892 1893

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STATION REPORT

PC TC GC S LOC  
6 1 43 1 4243

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL				WIND		CURRENT			TEMP			COND	DO	PH	SALN	P
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR	WAT					
1931	2/24/77	2327	2	0.0	0	26.0	26.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	13.44	55	0.0	0	8.7	0.0	36.1	6
1932	2/24/77	2327	2	0.0	0	26.0	26.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	13.44	55	0.0	0	8.7	0.0	36.1	6	
1933	2/24/77	2327	2	0.0	0	26.0	26.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	13.44	55	0.0	0	8.7	0.0	36.1	6	

LS	TAXA	REL		
		X	S.E.	ABX
		1	2	3
1	CILIOPHORA (LPIL)	1.22	0.81	0.0
1	HYDROZOA (LPIL)	0.0	0.0	0.20
1	TURBELLARIA-(LPIL)	2.44	1.43	1.02
1	NEMERTINA (LPIL)	0.0	0.41	0.20
1	GASTROTRICHA (LPIL)	6.31	5.70	4.28
1	KINORHYNCHA (LPIL)	0.41	0.61	1.02
1	DESMOSCOLECIDAE (LPIL)	1.22	1.63	0.41
1	COMESOMATIDAE (LPIL)	0.0	0.0	0.20
201	CHROMODORIDAE (LPIL)	2.85	2.65	1.43
1	CYATHOLAIMIDAE (LPIL)	3.06	3.87	2.85
1	CHONIOLAIMIDAE (LPIL)	0.20	0.61	0.20
1	SELANCHONEMATIDAE (LPIL)	0.41	0.0	0.0
1	MEYLIIDAE (LPIL)	0.20	0.0	0.0
1	DRACONEMATIDAE (LPIL)	1.83	1.02	0.20
1	EPSILONEMATIDAE (LPIL)	0.81	0.41	0.20
1	MONOPOSTHIIDAE (LPIL)	2.65	1.22	0.41
1	CERAMONEMATIDAE (LPIL)	1.43	3.87	3.06
1	DESMODORIDAE (LPIL)	5.09	3.26	0.81
1	LEPTOLAIMIDAE (LPIL)	0.0	0.20	1.63
1	AXONOLAIMIDAE (LPIL)	0.0	0.0	0.41
1	LINHOMOEIDAE (LPIL)	0.81	1.22	0.20
1	MONHYSTERIDAE (LPIL)	6.93	3.06	1.43
1	OXYSTOMINIDAE (LPIL)	0.61	1.02	0.20
1	ANTICOMIDAE (LPIL)	0.0	0.0	0.20
1	ENOPLIDAE (LPIL)	1.02	1.02	0.41
1	RHABDODEMANIDAE (LPIL)	0.0	0.0	0.20
1	ONCHOLAIMIDAE (LPIL)	0.20	0.20	0.20
1	ENCHELIDIIDAE (LPIL)	0.20	0.0	1.22
6	NEMATODA (LPIL)	0.81	0.41	0.61
1	NEMATODA (LPIL)	1.43	0.0	0.61
6	POLYCHAETA (LPIL)	6.31	6.11	2.85
1	OLIGOCHAETA (LPIL)	1.22	0.0	0.61
6	GASTROPODA (LPIL)	0.0	1.63	0.0
6	BIVALVIA (LPIL)	0.41	1.63	0.0
1	HALACARIDAE (LPIL)	0.20	0.0	0.0

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STATION REPORT

LS	TAXA	1	2	3	- X	S. E.	REL ABX
1	OSTRACODA (LPIL)	2.85	2.24	2.24	2.44	0.20	3.0
1	CYCLOPOIDA (LPIL)	0.41	0.0	0.0	0.14	0.14	0.2
1	CANUELLIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
1	ECTINOSOMIDAE (LPIL)	1.63	1.02	0.41	1.02	0.35	1.3
1	THALESTRIDAE (LPIL)	1.02	1.43	0.61	1.02	0.24	1.3
1	DIOSACCIDAE (LPIL)	3.46	0.61	1.02	1.70	0.89	2.1
1	AMEIRIDAE (LPIL)	4.07	2.24	0.61	2.31	1.00	2.8
1	PARAMESOCHRIDAE (LPIL)	8.56	5.50	2.24	5.43	1.82	6.7
1	TETRAGONICIPITIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	CYLINDROPSILIDAE (LPIL)	10.19	4.89	0.81	5.30	2.71	6.5
1	CLETOIDAE (LPIL)	4.07	10.59	1.43	5.36	2.72	6.6
1	LAOPHONTIDAE (LPIL)	0.0	0.20	0.20	0.14	0.07	0.2
14	HARPACTICOIDA (LPIL)	4.07	3.26	3.87	3.73	0.24	4.6
1	HARPACTICOIDA (LPIL)	0.0	0.20	0.20	0.14	0.07	0.2
12	NAUPLIUS (LPIL)	11.00	12.22	3.46	8.90	2.74	11.0
202	SIPUNCULIDA (LPIL)	0.0	0.0	0.61	0.20	0.20	0.3
1	PRIAPULIDA (LPIL)	1.02	0.20	0.41	0.54	0.24	0.7
1	TARDIGRADA (LPIL)	3.06	1.83	0.61	1.83	0.71	2.3
1	INVERTEBRATE (LPIL)	0.0	0.0	0.41	0.14	0.14	0.2
	TOTAL	105.72	90.65	46.65	81.01	17.72	100.0
	DIVERSITY (H PRIME)	4.63	4.54	4.82	4.66	0.08	
	DIVERSITY (J PRIME)	0.88	0.87	0.88	0.87	0.00	
	NUMBER OF TAXA	39	38	44	52		

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1931 1932 1933

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC  
6 1 43 1 4253

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL				WIND		CURRENT			TEMP			COND	DO	PH	SALN	P
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR	WAT					
1971	2/23/77	1835	2	0.0	0	36.0	36.0	0.0	0	600.0	7	0.0	0	0	0	0.0	13.46	55	0.0	0	8.7	0.0	35.9	6		
1972	2/23/77	1835	2	0.0	0	36.0	36.0	0.0	0	600.0	7	0.0	0	0	0.0	13.46	55	0.0	0	8.7	0.0	35.9	6			
1973	2/23/77	1835	2	0.0	0	36.0	36.0	0.0	0	600.0	7	0.0	0	0	0.0	13.46	55	0.0	0	8.7	0.0	35.9	6			

LS TAXA

		1	2	3		X	S.E.	REL ABX
1	CILIOPHORA (LPIL)	0.61	2.44	1.83		1.63	0.54	1.0
1	HYDROZOA (LPIL)	0.0	0.41	0.41		0.27	0.14	0.2
1	TURBELLARIA-(LPIL)	1.83	15.28	1.63		6.25	4.52	3.9
1	NEMERTINA (LPIL)	0.81	0.81	0.61		0.75	0.07	0.5
1	ROTIFERA (LPIL)	0.0	0.61	0.0		0.20	0.20	0.1
1	GASTROTRICHA (LPIL)	6.11	15.69	10.80		10.86	2.76	6.8
1	KINORHYNCHA (LPIL)	1.43	1.83	16.91		6.72	5.09	4.2
1	DESMOSCOLECIDAE(LPIL)	3.67	4.48	5.70		4.62	0.59	2.9
1	COMESOMATIDAE (LPIL)	0.0	1.02	7.54		2.85	2.36	1.8
1	CHROMODORIDAE (LPIL)	2.24	17.11	15.07		11.48	4.65	7.2
1	CYATHOLAIMIDAE (LPIL)	2.85	7.33	13.65		7.94	3.13	5.0
1	CHONOLAIMIDAE (LPIL)	1.22	1.83	1.22		1.43	0.20	0.9
1	MEYLIIDAE (LPIL)	1.02	0.41	0.0		0.48	0.30	0.3
1	DRACONEMATIDAE (LPIL)	0.61	4.89	0.81		2.10	1.39	1.3
1	EPSILONEMATIDAE (LPIL)	2.44	7.33	1.63		3.80	1.78	2.4
1	RICHTERSIIDAE (LPIL)	0.0	0.0	1.22		0.41	0.41	0.3
1	MONOPOSTHIIDAE (LPIL)	0.20	1.22	1.43		0.95	0.38	0.6
1	CERAMONEMATIDAE (LPIL)	1.63	5.30	4.48		3.80	1.11	2.4
1	DESMODORIDAE (LPIL)	3.46	7.33	11.00		7.27	2.18	4.5
1	LEPTOLAIMIDAE (LPIL)	0.81	2.44	1.22		1.49	0.49	0.9
1	AXONOLAIMIDAE (LPIL)	1.02	0.20	1.63		0.95	0.41	0.6
1	LINHOMOEIDAE (LPIL)	0.81	1.83	1.63		1.43	0.31	0.9
1	MONHYSTERIDAE (LPIL)	2.04	12.43	4.28		6.25	3.16	3.9
1	OXYSTOMINIDAE (LPIL)	1.43	2.85	14.06		6.11	3.99	3.8
1	TRIPYLOIDIDAE (LPIL)	0.61	0.61	0.0		0.41	0.20	0.3
1	ANTICOMIDAE (LPIL)	0.0	0.0	0.20		0.07	0.07	0.0
1	ENOPLIDAE (LPIL)	2.04	1.02	0.41		1.15	0.48	0.7
1	ONCHOLAIMIDAE (LPIL)	0.0	0.81	0.41		0.41	0.24	0.3
1	ENCHELIDIIDAE (LPIL)	0.61	0.61	1.02		0.75	0.14	0.5
6	NEMATODA (LPIL)	0.81	2.85	2.24		1.97	0.60	1.2
1	NEMATODA (LPIL)	0.61	3.26	1.43		1.77	0.78	1.1
6	POLYCHAETA (LPIL)	7.13	7.74	8.35		7.74	0.35	4.8
1	OLIGOCHAETA (LPIL)	0.20	0.0	7.54		2.58	2.48	1.6
6	GASTROPODA (LPIL)	0.0	0.20	0.0		0.07	0.07	0.0
6	BIVALVIA (LPIL)	1.22	1.83	2.24		1.77	0.30	1.1

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BENTHIC MICROINFAUNA

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LS	TAXA	1	2	3	- X	S.E.	REL AB%
1	HALACARIDAE (LPIL)	0.0	0.20	0.41	0.20	0.12	0.1
1	OSTRACODA (LPIL)	2.85	5.30	3.06	3.73	0.78	2.3
1	CYCLOPOIDA (LPIL)	1.22	0.0	0.0	0.41	0.41	0.3
1	LONGIPEDIDAE (LPIL)	0.20	0.20	0.20	0.20	0.0	0.1
1	CANUELLIDAE (LPIL)	0.0	0.0	0.61	0.20	0.20	0.1
1	ECTINOSOMIDAE (LPIL)	0.61	3.06	0.20	1.29	0.89	0.8
1	TISBIDAE (LPIL)	0.20	0.41	0.81	0.48	0.18	0.3
1	PELTIDIIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.0
1	THALESTRIDAE (LPIL)	0.61	0.61	1.43	0.88	0.27	0.6
1	DIOSACCIDAE (LPIL)	2.44	9.78	7.13	6.45	2.14	4.0
1	AMEIRIDAE (LPIL)	2.24	3.67	1.43	2.44	0.65	1.5
1	PARAMESOCHRIDAE (LPIL)	3.46	1.83	1.43	2.24	0.62	1.4
1	TETRAGONICIPITIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.0
1	CANTHOCAMPTIDAE (LPIL)	1.83	3.26	0.20	1.77	0.88	1.1
1	CYLINDROPSILIDAE (LPIL)	2.44	3.67	3.87	3.33	0.45	2.1
204	CLETODIDAE (LPIL)	0.20	0.20	0.20	0.20	0.0	0.1
1	LAOPHONTIDAE (LPIL)	0.61	1.43	2.65	1.56	0.59	1.0
14	HARPACTICOIDA (LPIL)	4.69	6.72	7.13	6.18	0.76	3.9
1	HARPACTICOIDA (LPIL)	1.43	0.0	0.0	0.48	0.48	0.3
6	ISOPODA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.0
12	NAUPLIUS (LPIL)	11.82	28.32	13.44	17.86	5.25	11.1
1	PRIAPULIDA (LPIL)	0.20	0.61	0.20	0.34	0.14	0.2
1	TARDIGRADA (LPIL)	0.20	1.83	1.22	1.09	0.48	0.7
TOTAL		86.98	205.13	188.63	160.25	36.94	100.0
DIVERSITY (H PRIME)		4.82	4.70	4.75	4.75	0.04	
DIVERSITY (J PRIME)		0.88	0.84	0.84	0.85	0.01	
NUMBER OF TAXA		45	48	50	56		

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1971 1972 1973

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BENTHIC MICROINFAUNA

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STATION REPORT

PC TC GC S LOC  
6 1 43 1 4263

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL				WIND		CURRENT			TEMP				COND	DO	PH	SALN	P
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR	WAT	BT					
2011	2/23/77	1217	1	0.0	0	65.0	65.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	15.46	55	0.0	0	7.5	0.0	36.3	6	
2012	2/23/77	1217	1	0.0	0	65.0	65.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	15.46	55	0.0	0	7.5	0.0	36.3	6	
2013	2/23/77	1217	1	0.0	0	65.0	65.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	15.46	55	0.0	0	7.5	0.0	36.3	6	

LS	TAXA	REL			S.E.	ABX
		1	2	3		
1	CILIOPHORA (LPIL)	0.41	0.41	1.22	0.68	1.4
1	HYDROZOA (LPIL)	0.20	0.0	0.0	0.07	0.1
1	TURBELLARIA-(LPIL)	1.02	0.41	1.22	0.88	1.8
1	NEMERTINA (LPIL)	0.20	0.0	0.41	0.20	0.4
1	ROTIFERA (LPIL)	0.61	0.0	0.0	0.20	0.4
1	GASTROTRICHA (LPIL)	2.44	2.44	5.70	3.53	7.1
1	KINORHYNCHA (LPIL)	0.20	1.02	0.41	0.54	1.1
1	DESMOSCOLECIDAE (LPIL)	1.83	1.22	3.46	2.17	4.4
1	COMESOMATIDAE (LPIL)	1.02	0.0	1.22	0.75	1.5
1	CHROMODORIDAE (LPIL)	3.46	2.24	4.28	3.33	6.7
1	CYATHOLAIMIDAE (LPIL)	1.02	2.04	1.02	1.36	2.7
1	CHONIOLAIMIDAE (LPIL)	1.83	0.61	1.43	1.29	2.6
1	MEYLIIDAE (LPIL)	0.0	0.0	0.41	0.14	0.3
1	RICHTERSIIDAE (LPIL)	0.0	0.81	2.65	1.15	2.3
1	CERAMONEMATIDAE (LPIL)	1.22	1.63	2.24	1.70	3.4
1	DESMODORIDAE (LPIL)	4.28	3.26	3.87	3.80	7.7
1	LEPTOLAIMIDAE (LPIL)	0.61	0.20	0.20	0.34	0.7
1	AXONOLAIMIDAE (LPIL)	0.41	1.02	0.61	0.68	1.4
1	LINHOMOEIDAE (LPIL)	0.0	0.20	1.43	0.54	1.1
1	MONHYSTERIDAE (LPIL)	2.85	3.87	5.50	4.07	8.2
1	OXYSTOMINIDAE (LPIL)	1.63	1.02	0.81	1.15	2.3
1	ENOPLIDAE (LPIL)	0.41	0.41	0.81	0.54	1.1
1	ONCHOLAIMIDAE (LPIL)	0.41	0.0	0.20	0.20	0.4
1	ENCHELIDIIDAE (LPIL)	0.0	0.20	0.20	0.14	0.3
6	NEMATODA (LPIL)	0.61	0.0	0.20	0.27	0.5
1	NEMATODA (LPIL)	1.43	1.63	0.61	1.22	2.5
6	POLYCHAETA (LPIL)	1.63	2.65	3.87	2.72	5.5
1	OLIGOCHAETA (LPIL)	0.0	0.0	1.02	0.34	0.7
6	BIVALVIA (LPIL)	0.61	0.0	0.20	0.27	0.5
1	OSTRACODA (LPIL)	1.83	0.81	1.63	1.43	2.9
1	CYCLOPOIDA (LPIL)	0.41	0.0	0.20	0.20	0.4
1	ECTINOSOMIDAE (LPIL)	0.20	0.20	1.02	0.48	1.0
1	DIOSACCIDAE (LPIL)	1.63	0.20	1.83	1.22	2.5
1	AMEIRIDAE (LPIL)	0.81	0.81	0.20	0.61	1.2
1	PARAMESOCHRIDAE (LPIL)	0.41	0.20	0.0	0.20	0.4

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

LS	TAXA	1	2	3	- X	S.E.	REL AB%
1	CYLINDROPSILIDAE (LPIL)	0.0	0.41	0.0	0.14	0.14	0.3
1	CLETODIDAE (LPIL)	0.0	0.0	0.41	0.14	0.14	0.3
1	LAOPHONTIDAE (LPIL)	0.0	0.41	0.41	0.27	0.14	0.5
14	HARPACTICOIDA (LPIL)	3.67	3.67	3.46	3.60	0.07	7.3
6	ISOPODA (LPIL)	0.20	0.0	0.20	0.14	0.07	0.3
12	NAUPLIUS (LPIL)	6.52	3.06	6.11	5.23	1.09	10.5
1	PRIAPULIDA (LPIL)	0.0	0.81	1.02	0.61	0.31	1.2
1	TARDIGRADA (LPIL)	1.63	0.61	0.61	0.95	0.34	1.9
1	INVERTEBRATE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
	TOTAL	47.67	38.70	62.33	49.57	6.89	100.0
	DIVERSITY (H PRIME)	4.48	4.46	4.61	4.52	0.05	
	DIVERSITY (J PRIME)	0.89	0.89	0.88	0.89	0.00	
	NUMBER OF TAXA	33	32	38	43		

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2011 2012 2013

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MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC  
6 1 43 1 4373

SID	DATE	TIME	D/N	DURATION			TOW		SAMP VOL			WIND		CURRENT			TEMP		BT	TURBD	COND	DO	PH	SALN	P
				UNITS	C	SD	WD	SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP							
2051	2/23/77	303	2	0.0	0	478.0	478.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0.0	55	0.0	0	5.1	0.0	34.9	6	
2052	2/23/77	303	2	0.0	0	478.0	478.0	0.0	0	600.0	7	0.0	0	0	0.0	0.0	55	0.0	0	5.1	0.0	34.9	6		
2053	2/23/77	303	2	0.0	0	478.0	478.0	0.0	0	600.0	7	0.0	0	0	0.0	0.0	55	0.0	0	5.1	0.0	34.9	6		

LS TAXA

		1	2	3			S.E.	REL	AB%
1	PROTOZOA (LPIL)	0.20	0.20	0.0	0.14	0.07	5.9		
1	TURBELLARIA-(LPIL)	0.0	0.20	0.0	0.07	0.07	2.9		
1	GASTROTRICHA (LPIL)	0.41	0.20	0.61	0.41	0.12	17.6		
1	DES MOSCOLECIDAE (LPIL)	0.0	0.20	0.20	0.14	0.07	5.9		
1	CHROMODORIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	2.9		
1	CYATHOLAIMIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	2.9		
1	CHONIALAIMIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	2.9		
1	CERAMONEMATIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	2.9		
1	DESMODORIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	2.9		
1	MONHYSTERIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	2.9		
1	NEMATODA (LPIL)	0.0	0.41	0.0	0.14	0.14	5.9		
6	POLYCHAETA (LPIL)	0.0	0.20	0.41	0.20	0.12	8.8		
1	OSTRACODA (LPIL)	0.0	0.0	0.20	0.07	0.07	2.9		
14	HARPACTICOIDA (LPIL)	0.61	0.0	0.0	0.20	0.20	8.8		
12	NAUPLIUS (LPIL)	0.20	0.0	0.61	0.27	0.18	11.8		
1	TARDIGRADA (LPIL)	0.0	0.41	0.0	0.14	0.14	5.9		
6	STELLEROIDEA (LPIL)	0.0	0.20	0.0	0.07	0.07	2.9		
1	INVERTEBRATE (LPIL)	0.0	0.20	0.0	0.07	0.07	2.9		
TOTAL		1.83	2.65	2.44	2.31	0.24	100.0		
DIVERSITY (H PRIME)		2.42	3.39	2.63	2.81	0.30			
DIVERSITY (J PRIME)		0.94	0.98	0.94	0.95	0.02			
NUMBER OF TAXA		6	11	7	18				

ABOVE COMPUTED USING SAMPLE IDS  
2051 2052 2053

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 26	23 37	24	- X	S.E.	REL AB%
1	CILIOPHORA (LPIL)	2.58 1.63	1.15 0.68	0.61 0.0	0.68	1.05	0.32	1.2
1	PROTOZOA (LPIL)	0.0 0.0	0.0 0.0	0.0 0.14	0.0	0.02	0.02	0.0
1	HYDROZOA (LPIL)	0.0 0.27	0.0 0.07	0.0 0.0	0.07	0.06	0.04	0.1
1	CTENOPHORA (LPIL)	0.0 0.0	0.20 0.0	0.0 0.0	0.0	0.03	0.03	0.0
1	TURBELLARIA-(LPIL)	2.38 6.25	2.17 0.88	1.90 0.07	1.63	2.18	0.74	2.6
1	NEMERTINA (LPIL)	0.61 0.75	0.0 0.20	0.95 0.0	0.20	0.39	0.14	0.5
1	ROTIFERA (LPIL)	0.0 0.20	0.0 0.20	0.0 0.0	0.0	0.06	0.04	0.1
1	GASTROTRICHA (LPIL)	7.74 10.86	6.86 3.53	10.46 0.41	5.43	6.47	1.41	7.6
1	KINORHYNCHA (LPIL)	0.0 6.72	2.58 0.54	0.48 0.0	0.68	1.57	0.92	1.8
1	DESMOSCOLECIDAE(LPIL)	0.54 4.62	2.65 2.17	2.72 0.14	1.09	1.99	0.58	2.3
1	COMESOMATIDAE (LPIL)	1.36 2.85	0.14 0.75	0.54 0.0	0.07	0.81	0.38	1.0
1	CHROMODORIDAE (LPIL)	10.52 11.48	4.35 3.33	3.80 0.07	2.31	5.12	1.61	6.0
1	CYATHOLAIMIDAE (LPIL)	2.85 7.94	2.58 1.36	2.17 0.07	3.26	2.89	0.93	3.4
1	CHONIOLAIMIDAE (LPIL)	0.48 1.43	1.22 1.29	1.02 0.07	0.34	0.83	0.20	1.0

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 26	23 37	24	- X	S.E.	REL ABX
1	SELANCHONEMATIDAE	0.0 0.0	0.0 0.0	0.48 0.0	0.0	0.07	0.07	0.1
1	SELANCHONEMATIDAE (LPIL)	0.0 0.0	0.14 0.0	1.09 0.0	0.14	0.19	0.15	0.2
1	MEYLIIDAE (LPIL)	0.0 0.48	0.07 0.14	0.07 0.0	0.07	0.12	0.06	0.1
1	DRACONEMATIDAE (LPIL)	0.0 2.10	1.77 0.0	1.02 0.0	1.02	0.84	0.33	1.0
1	EPSILONEMATIDAE (LPIL)	0.0 3.80	1.43 0.0	14.87 0.0	0.48	2.94	2.06	3.5
209	RICHTERSIIDAE (LPIL)	0.75 0.41	0.14 1.15	0.07 0.0	0.0	0.36	0.17	0.4
1	MONOPOSTHIIDAE (LPIL)	0.88 0.95	1.15 0.0	1.83 0.0	1.43	0.89	0.26	1.0
1	CERAMONEMATIDAE (LPIL)	3.06 3.80	2.44 1.70	1.63 0.07	2.78	2.21	0.46	2.6
1	DESMODORIDAE (LPIL)	10.93 7.27	17.86 3.80	8.15 0.07	3.06	7.30	2.23	8.6
1	LEPTOLAIMIDAE (LPIL)	2.44 1.49	1.77 0.34	3.87 0.0	0.61	1.50	0.51	1.8
1	AXONOLAIMIDAE (LPIL)	0.54 0.95	1.15 0.68	0.68 0.0	0.14	0.59	0.16	0.7
1	LINHOMOEIDAE (LPIL)	2.78 1.43	1.77 0.54	0.95 0.0	0.75	1.17	0.35	1.4
1	MONHYSTERIDAE (LPIL)	5.98 6.25	7.33 4.07	4.28 0.07	3.80	4.54	0.89	5.3
1	OXYSTOMINIDAE (LPIL)	2.31 6.11	0.48 1.15	1.83 0.0	0.61	1.78	0.78	2.1

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WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 26	23 37	24	- X	S. E.	REL AB%
1	IRONIDAE (LPIL)	0.14 0.0	0.07 0.0	0.0 0.0	0.0	0.03	0.02	0.0
1	TRIPYLOIDIDAE (LPIL)	0.0 0.41	0.14 0.0	0.0 0.0	0.0	0.08	0.06	0.1
1	ANTICOMIDAE (LPIL)	0.20 0.07	0.0 0.0	0.07 0.0	0.07	0.06	0.03	0.1
1	ENOPLIDAE (LPIL)	1.15 1.15	0.41 0.54	0.48 0.0	0.81	0.65	0.16	0.8
1	RHABDODEMANIDAE (LPIL)	0.0 0.0	0.14 0.0	0.20 0.0	0.07	0.06	0.03	0.1
210 1	ONCHOLAIMIDAE (LPIL)	6.45 0.41	0.61 0.20	0.20 0.0	0.20	1.15	0.89	1.4
1	ENCHELIDIIDAE (LPIL)	0.14 0.75	0.41 0.14	0.88 0.0	0.48	0.40	0.13	0.5
6	NEMATODA (LPIL)	1.83 1.97	1.36 0.27	0.54 0.0	0.61	0.94	0.29	1.1
1	NEMATODA (LPIL)	2.44 1.77	0.81 1.22	1.56 0.14	0.68	1.23	0.29	1.4
6	POLYCHAETA (LPIL)	0.54 7.74	6.52 2.72	7.40 0.20	5.09	4.32	1.20	5.1
1	OLIGOCHAETA (LPIL)	0.0 2.58	0.0 0.34	0.07 0.0	0.61	0.51	0.36	0.6
6	GASTROPODA (LPIL)	0.07 0.07	0.07 0.0	0.07 0.0	0.54	0.12	0.07	0.1
6	BIVALVIA (LPIL)	0.34 1.77	0.61 0.27	0.48 0.0	0.68	0.59	0.21	0.7
1	HALACARIDAE (LPIL)	0.07 0.20	0.54 0.0	1.77 0.0	0.07	0.38	0.24	0.4

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 26	23 37	24	- X	S. E.	REL ABX
1	OSTRACODA (LPIL)	0.0 3.73	2.58 1.43	4.48 0.07	2.44	2.10	0.65	2.5
1	MYSTACOCARIDA (LPIL)	0.0 0.0	0.0 0.0	1.49 0.0	0.0	0.21	0.21	0.3
1	CYCLOPOIDA (LPIL)	0.0 0.41	0.34 0.20	0.61 0.0	0.14	0.24	0.08	0.3
1	LONGIPEDIDAE (LPIL)	0.0 0.20	0.0 0.0	0.0 0.0	0.0	0.03	0.03	0.0
1	CANUELLIDAE (LPIL)	0.0 0.20	0.0 0.0	0.0 0.0	0.07	0.04	0.03	0.0
211 1	ECTINOSOMIDAE (LPIL)	0.34 1.29	1.22 0.48	0.95 0.0	1.02	0.76	0.18	0.9
1	HARPACTICIDAE (LPIL)	0.07 0.0	0.0 0.0	0.0 0.0	0.0	0.01	0.01	0.0
1	TISBIDAE (LPIL)	0.0 0.48	0.0 0.0	0.20 0.0	0.0	0.10	0.07	0.1
1	PELTIDIIDAE (LPIL)	0.0 0.07	0.0 0.0	0.0 0.0	0.0	0.01	0.01	0.0
1	THALESTRIDAE (LPIL)	0.0 0.88	0.14 0.0	0.95 0.0	1.02	0.43	0.19	0.5
1	DIOSACCIDAE (LPIL)	0.07 6.45	2.38 1.22	4.75 0.0	1.70	2.37	0.91	2.8
1	AMEIRIDAE (LPIL)	0.14 2.44	1.09 0.61	1.43 0.0	2.31	1.14	0.37	1.3
1	PARAMESOCHRIDAE (LPIL)	0.0 2.24	1.63 0.20	3.26 0.0	5.43	1.82	0.76	2.1
1	TETRAGONICIPITIDAE (LPIL)	0.0 0.07	0.0 0.0	1.15 0.0	0.07	0.18	0.16	0.2

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 26	23 37	24	- X	S. E.	REL AB%
1	CANTHOCAMPTIDAE (LPIL)	0.0 1.77	0.0 0.0	0.07 0.0	0.0	0.26	0.25	0.3
1	CYLINDROPSILIDAE (LPIL)	0.0 3.33	4.07 0.14	5.70 0.0	5.30	2.65	0.97	3.1
1	CLETODIDAE (LPIL)	0.14 0.20	0.61 0.14	1.29 0.0	5.36	1.11	0.73	1.3
1	LAOPHONTIDAE (LPIL)	0.07 1.56	0.07 0.27	1.15 0.0	0.14	0.47	0.24	0.5
1	ANCORABOLIDAE (LPIL)	0.07 0.0	0.0 0.0	0.0 0.0	0.0	0.01	0.01	0.0
21 14	HARPACTICOIDA (LPIL)	0.14 6.18	5.23 3.60	4.62 0.20	3.73	3.39	0.89	4.0
1	HARPACTICOIDA (LPIL)	0.0 0.48	1.09 0.0	0.20 0.0	0.14	0.27	0.15	0.3
6	ISOPODA (LPIL)	0.0 0.07	0.0 0.14	0.0 0.0	0.0	0.03	0.02	0.0
12	NAUPLIUS (LPIL)	0.14 17.86	7.13 5.23	10.25 0.27	8.90	7.11	2.33	8.3
1	SIPUNCULIDA (LPIL)	0.0 0.0	0.07 0.0	0.0 0.0	0.20	0.04	0.03	0.0
1	PRIAPULIDA (LPIL)	1.36 0.34	0.07 0.61	0.07 0.0	0.54	0.43	0.18	0.5
1	TARDIGRADA (LPIL)	0.07 1.09	1.43 0.95	3.94 0.14	1.83	1.35	0.49	1.6
6	STELLEROIDEA (LPIL)	0.0 0.0	0.0 0.0	0.0 0.07	0.0	0.01	0.01	0.0
1	INVERTEBRATE (LPIL)	0.0 0.0	0.0 0.07	0.07 0.07	0.14	0.05	0.02	0.1

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11	12	23	24	- X	S.E.	REL AB%
		25	26	37				
1	ARCHIANNELIDA	0.34 0.0	0.0 0.0	0.0 0.0	0.0	0.05	0.05	0.1
TOTAL		75.03 160.25	102.19 49.57	125.82 2.31	81.01	85.17	19.42	100.0
DIVERSITY (H PRIME)		3.99 4.75	4.50 4.52	4.75 2.81	4.66	4.28	0.26	
DIVERSITY (J PRIME)		0.82 0.85	0.85 0.89	0.86 0.95	0.87	0.87	0.02	
NUMBER OF TAXA		40 56	49 43	54 18	52	69		

ABOVE COMPUTED USING SAMPLE IDS

1831	1832	1833	1861
1862	1863	1891	1892
1893	1931	1932	1933
1971	1972	1973	2011
2012	2013	2051	2052
2053			

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WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC

6 1 43 1 5113

SID	DATE	TIME	D/N	DURATION		SD	#D	TOW		SAMP VOL			WIND		CURRENT			TEMP			COND	DO	PH	SALN	P		
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR						WAT	BT
2091	2/21/77	1929	2	0.0	0	11.0	11.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	9.47	55	0.0	0	10.1	0.0	30.4	6	
2092	2/21/77	1929	2	0.0	0	11.0	11.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	9.47	55	0.0	0	10.1	0.0	30.4	6		
2093	2/21/77	1929	2	0.0	0	11.0	11.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	9.47	55	0.0	0	10.1	0.0	30.4	6		
LS																								X	S.E.	REL AB%	
	TAXA			1			2			3																	
1	CILIOPHORA (LPIL)			2.04			0.41			0.81						1.09			0.49			1.5					
1	HYDROZOA (LPIL)			0.0			0.0			12.63						4.21			4.21			5.6					
1	TURBELLARIA-(LPIL)			0.61			0.61			0.20						0.48			0.14			0.6					
1	GASTROTRICHA (LPIL)			1.43			0.0			0.0						0.48			0.48			0.6					
1	DESMOSCOLECIDAE(LPIL)			0.61			0.0			0.61						0.41			0.20			0.5					
1	COMESOMATIDAE (LPIL)			19.76			6.52			11.82						12.70			3.85			17.0					
1	CHROMODORIDAE (LPIL)			0.61			2.44			6.72						3.26			1.81			4.4					
1	CYATHOLAIMIDAE (LPIL)			0.0			0.20			2.85						1.02			0.92			1.4					
1	RICHTERSIIDAE (LPIL)			0.0			0.0			0.0						0.20			0.20			0.3					
1	CERAMONEMATIDAE (LPIL)			0.0			0.20			0.61						0.27			0.18			0.4					
1	DESMODORIDAE (LPIL)			2.65			3.06			4.07						3.26			0.42			4.4					
1	AXONOLAIMIDAE (LPIL)			0.0			0.41			0.0						0.14			0.14			0.2					
1	LINHOMOEIDAE (LPIL)			15.07			4.48			21.19						13.58			4.88			18.1					
1	MONHYSTERIDAE (LPIL)			20.98			9.17			17.72						15.96			3.52			21.3					
1	IRONIDAE (LPIL)			0.0			0.61			0.61						0.41			0.20			0.5					
1	ENOPLIDAE (LPIL)			0.0			0.20			0.0						0.07			0.07			0.1					
1	ONCHOLAIMIDAE (LPIL)			4.89			2.44			9.37						5.57			2.03			7.4					
1	ENCHELIDIIDAE (LPIL)			0.0			0.20			0.0						0.07			0.07			0.1					
6	NEMATODA (LPIL)			3.06			0.0			0.0						1.02			1.02			1.4					
1	NEMATODA (LPIL)			4.48			1.83			3.46						3.26			0.77			4.4					
6	POLYCHAETA (LPIL)			0.41			3.06			1.63						1.70			0.77			2.3					
6	GASTROPODA (LPIL)			0.20			0.0			0.0						0.07			0.07			0.1					
6	BIVALVIA (LPIL)			1.22			0.0			0.20						0.48			0.38			0.6					
1	HALACARIDAE (LPIL)			0.0			0.0			0.20						0.07			0.07			0.1					
1	OSTRACODA (LPIL)			0.41			0.20			0.0						0.20			0.12			0.3					
1	ECTINOSOMIDAE (LPIL)			2.85			0.61			2.85						2.10			0.75			2.8					
1	HARPACTICIDAE (LPIL)			0.20			0.0			0.0						0.07			0.07			0.1					
1	CLETOIDAE (LPIL)			2.04			0.20			0.0						0.75			0.65			1.0					
14	HARPACTICOIDA (LPIL)			0.0			2.04			0.41						0.81			0.62			1.1					
1	HARPACTICOIDA (LPIL)			0.0			0.0			0.20						0.07			0.07			0.1					
6	AMPHIPODA (LPIL)			0.0			1.02			0.0						0.34			0.34			0.5					
12	NAUPLIUS (LPIL)			0.41			0.0			0.0						0.14			0.14			0.2					
1	SIPUNCULIDA (LPIL)			0.0			0.0			0.61						0.20			0.20			0.3					
1	PRIAPULIDA (LPIL)			0.41			1.02			0.0						0.48			0.30			0.6					
TOTAL				84.33			40.95			99.41						74.90			17.52			100.0					

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

LS TAXA

DIVERSITY (H PRIME)  
DIVERSITY (J PRIME)  
NUMBER OF TAXA

1  
3.10  
0.72  
20

2  
3.61  
0.81  
22

3  
3.38  
0.77  
21

-  
X  
3.36  
0.77  
32

S. E. REL  
AB%  
0.15  
0.03

ABOVE COMPUTED USING SAMPLE IDS  
2091 2092 2093

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WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

## STATION REPORT

PC TC GC S LOC

6 1 43 1 5123

SID	DATE	TIME	D/N	DURATION			TOW				SAMP VOL				WIND		CURRENT			TEMP			COND	DO	PH	SALN	P
				UNITS	C	SD	WD	SP	D	UNITS	C	SECH	WT	SC	DI	CL	SP	DI	AIR	WAT	BT	TURBD					
2141	2/21/77	1625	1	0.0	0	10.5	10.5	0.0	0	600.0	7	0.0	0	0	0	0	0.0	9.78	55	0.0	0	9.7	0.0	31.5	6		
2142	2/21/77	1625	1	0.0	0	10.5	10.5	0.0	0	600.0	7	0.0	0	0	0	0.0	9.78	55	0.0	0	9.7	0.0	31.5	6			
2143	2/21/77	1625	1	0.0	0	10.5	10.5	0.0	0	600.0	7	0.0	0	0	0	0.0	9.78	55	0.0	0	9.7	0.0	31.5	6			

LS	TAXA	1	2	3	X	S.E.	ABX
1	CILIOPHORA (LPIL)	0.0	1.02	0.41	0.48	0.30	0.4
1	HYDROZOA (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	UNIDENTIFIED: 54009400	0.0	0.0	1.43	0.48	0.48	0.4
1	TURBELLARIA-(LPIL)	0.81	2.04	0.0	0.95	0.59	0.7
1	NEMERTINA (LPIL)	0.0	0.81	0.0	0.27	0.27	0.2
1	GASTROTRICHA (LPIL)	1.22	9.78	3.26	4.75	2.58	3.5
1	KINORHYNCHA (LPIL)	0.61	2.85	0.20	1.22	0.82	0.9
1	DESMOSCOLECIDAE (LPIL)	3.46	6.11	4.69	4.75	0.77	3.5
216	COMESOMATIDAE (LPIL)	0.61	3.67	0.61	1.63	1.02	1.2
1	CHROMODORIDAE (LPIL)	7.74	9.37	5.91	7.67	1.00	5.7
1	CYATHOLAIMIDAE (LPIL)	5.09	2.65	4.48	4.07	0.73	3.0
1	CHONOLAIMIDAE (LPIL)	0.81	0.81	1.63	1.09	0.27	0.8
1	MEYLIIDAE (LPIL)	0.0	0.0	0.41	0.14	0.14	0.1
1	DRACONEMATIDAE (LPIL)	0.81	0.0	0.41	0.41	0.24	0.3
1	EPSILONEMATIDAE (LPIL)	9.78	9.57	4.28	7.88	1.80	5.9
1	MONOPOSTHIIDAE (LPIL)	1.22	2.24	1.63	1.70	0.30	1.3
1	CERAMONEMATIDAE (LPIL)	2.04	4.48	2.44	2.99	0.76	2.2
1	DESMODORIDAE (LPIL)	13.04	24.85	14.67	17.52	3.70	13.1
1	LEPTOLAIMIDAE (LPIL)	0.41	1.63	0.61	0.88	0.38	0.7
1	AXONOLAIMIDAE (LPIL)	0.61	3.06	0.41	1.36	0.85	1.0
1	LINHOMOEIDAE (LPIL)	0.0	0.41	1.02	0.48	0.30	0.4
1	MONHYSTERIDAE (LPIL)	10.80	11.61	7.54	9.98	1.24	7.4
1	OXYSTOMINIDAE (LPIL)	1.22	4.28	0.0	1.83	1.27	1.4
1	ENOPLIDAE (LPIL)	0.0	3.26	1.02	1.43	0.96	1.1
1	RHABDODEMANIDAE (LPIL)	0.20	0.0	0.20	0.14	0.07	0.1
1	ONCHOLAIMIDAE (LPIL)	0.41	1.22	1.22	0.95	0.27	0.7
1	ENCHELIDIIDAE (LPIL)	0.61	0.41	0.61	0.54	0.07	0.4
6	NEMATODA (LPIL)	0.61	1.63	0.0	0.75	0.48	0.6
1	NEMATODA (LPIL)	2.65	3.46	0.61	2.24	0.85	1.7
6	POLYCHAETA (LPIL)	5.50	12.83	14.46	10.93	2.76	8.1
1	OLIGOCHAETA (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	GASTROPODA (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
6	BIVALVIA (LPIL)	0.61	1.63	0.61	0.95	0.34	0.7
1	HALACARIDAE (LPIL)	0.81	3.06	1.63	1.83	0.65	1.4
1	OSTRACODA (LPIL)	1.22	6.11	2.85	3.40	1.44	2.5

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## BLM OCS/SABP

WINTER CRUISE 1977

## BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

## STATION REPORT

LS	TAXA	1	2	3	- X	S. E.	REL AB%
1	CYCLOPOIDA (LPIL)	0.20	0.41	0.0	0.20	0.12	0.2
1	ECTINOSOMIDAE (LPIL)	1.02	2.44	2.44	1.97	0.48	1.5
1	TISBIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
1	THALESTRIDAE (LPIL)	0.20	1.22	0.61	0.68	0.30	0.5
1	DIOSACCIDAE (LPIL)	5.70	5.50	7.94	6.38	0.78	4.8
1	AMEIRIDAE (LPIL)	1.83	1.63	2.65	2.04	0.31	1.5
1	PARAMESOCHRIDAE (LPIL)	2.85	4.69	1.83	3.12	0.83	2.3
1	TETRAGONICIPITIDAE (LPIL)	0.20	0.61	0.0	0.27	0.18	0.2
1	CANTHOCAMPTIDAE (LPIL)	0.0	0.41	1.22	0.54	0.36	0.4
1	CYLINDROPSILIDAE (LPIL)	4.69	3.67	3.67	4.01	0.34	3.0
1	CLETODIDAE (LPIL)	0.41	1.43	0.20	0.68	0.38	0.5
1	LAOPHONTIDAE (LPIL)	0.41	1.22	0.41	0.68	0.27	0.5
14	HARPACTICOIDA (LPIL)	2.65	4.69	4.07	3.80	0.60	2.8
1	HARPACTICOIDA (LPIL)	1.02	0.61	0.20	0.61	0.24	0.5
6	ISOPODA (LPIL)	0.0	0.41	0.0	0.14	0.14	0.1
12	NAUPLIUS (LPIL)	9.57	10.80	12.43	10.93	0.83	8.1
1	SIPUNCULIDA (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	PRIAPULIDA (LPIL)	0.0	0.41	0.0	0.14	0.14	0.1
1	TARDIGRADA (LPIL)	0.20	4.69	1.02	1.97	1.38	1.5
6	STELLEROIDEA (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
TOTAL		104.30	180.48	117.95	134.24	23.45	100.0
DIVERSITY (H PRIME)		4.39	4.79	4.48	4.55	0.12	
DIVERSITY (J PRIME)		0.82	0.86	0.84	0.84	0.01	
NUMBER OF TAXA		40	47	40	53		

ABOVE COMPUTED USING SAMPLE IDS  
2141 2142 2143

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC

6 1 43 1 5233

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL		WIND		CURRENT			TEMP			COND	DO	PH	SALN	P	
				UNITS	C			SP	D	UNITS	C	SECH	WT	SC	DI	CL	SP	DI	AIR						WAT
2181	2/25/77	1502	1	0.0	0	19.0	19.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	11.49	55	0.0	0	9.1	0.0	34.2	6
2182	2/25/77	1502	1	0.0	0	19.0	19.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	11.49	55	0.0	0	9.1	0.0	34.2	6
2183	2/25/77	1502	1	0.0	0	19.0	19.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	11.49	55	0.0	0	9.1	0.0	34.2	6
LS																					X	S.E.	REL	AB%	
	TAXA																								
																						1	2	3	
1	CILIOPHORA (LPIL)																					0.0	0.20	1.02	0.41
1	PROTOZOA (LPIL)																					0.41	0.0	0.0	0.14
1	HYDROZOA (LPIL)																					0.0	0.0	0.20	0.07
1	TURBELLARIA-(LPIL)																					3.06	3.46	3.67	3.40
1	NEMERTINA (LPIL)																					0.81	0.0	0.41	0.41
1	GASTROTRICHA (LPIL)																					11.82	1.43	8.56	7.27
1	UNIDENTIFIED: 58900000																					0.81	0.0	0.0	0.27
1	KINORHYNCHA (LPIL)																					0.0	0.61	0.81	0.48
1	DESMOSCOLECIDAE (LPIL)																					4.69	0.81	0.81	2.10
1	COMESOMATIDAE (LPIL)																					0.0	0.41	0.41	0.27
1	CHROMODORIDAE (LPIL)																					8.56	12.63	4.89	8.69
1	CYATHOLAIMIDAE (LPIL)																					1.63	0.81	2.04	1.49
1	CHONOLAIMIDAE (LPIL)																					2.04	1.02	0.61	1.22
1	SELANCHONEMATIDAE (LPIL)																					0.41	0.41	0.0	0.27
1	MEYLIIDAE (LPIL)																					1.43	0.20	0.0	0.54
1	DRACONEMATIDAE (LPIL)																					1.43	1.83	0.81	1.36
1	EPSILONEMATIDAE (LPIL)																					8.76	7.74	5.70	7.40
1	MONOPOSTHIIDAE (LPIL)																					2.65	1.83	2.44	2.31
1	CERAMONEMATIDAE (LPIL)																					2.24	0.61	0.61	1.15
1	DESMODORIDAE (LPIL)																					9.98	8.76	5.70	8.15
1	LEPTOLAIMIDAE (LPIL)																					3.06	1.02	1.83	1.97
1	AXONOLAIMIDAE (LPIL)																					0.81	0.20	0.61	0.54
1	LINHOMOEIDAE (LPIL)																					1.83	0.41	0.41	0.88
1	MONHYSTERIDAE (LPIL)																					7.54	3.87	4.07	5.16
1	OXYSTOMINIDAE (LPIL)																					1.43	1.22	1.02	1.22
1	ENOPLIDAE (LPIL)																					1.43	1.63	3.06	2.04
1	RHABDODEMANIDAE (LPIL)																					0.41	0.41	0.20	0.34
1	ONCHOLAIMIDAE (LPIL)																					0.41	0.81	0.20	0.48
1	ENCHELIDIIDAE (LPIL)																					0.81	1.22	0.41	0.81
6	NEMATODA (LPIL)																					0.0	0.41	0.20	0.20
1	NEMATODA (LPIL)																					2.24	0.0	0.20	0.81
6	POLYCHAETA (LPIL)																					6.93	8.56	6.52	7.33
1	OLIGOCHAETA (LPIL)																					1.43	0.20	0.41	0.68
6	GASTROPODA (LPIL)																					0.0	0.20	0.0	0.07
6	BIVALVIA (LPIL)																					0.61	0.61	0.0	0.41

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## BLM OCS/SABP

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## BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

## STATION REPORT

LS	TAXA	1	2	3	X	S.E.	REL AB%
1	HALACARIDAE (LPIL)	2.65	1.22	7.13	3.67	1.78	2.9
1	OSTRACODA (LPIL)	4.89	2.04	2.85	3.26	0.85	2.6
1	MYSTACOCARIDA (LPIL)	0.81	1.02	1.02	0.95	0.07	0.7
1	CYCLOPOIDA (LPIL)	0.20	1.22	0.81	0.75	0.30	0.6
1	ECTINOSOMIDAE (LPIL)	1.43	0.61	2.65	1.56	0.59	1.2
1	TACHIDIIDAE (LPIL)	0.0	0.0	0.41	0.14	0.14	0.1
1	TISBIDAE (LPIL)	0.0	1.22	0.41	0.54	0.36	0.4
1	THALESTRIDAE (LPIL)	2.65	5.30	1.43	3.12	1.14	2.4
1	DIOSACCIDAE (LPIL)	7.33	5.70	5.70	6.25	0.54	4.9
1	AMEIRIDAE (LPIL)	2.85	0.61	2.65	2.04	0.72	1.6
1	PARAMESOCHRIDAE (LPIL)	5.50	4.69	7.54	5.91	0.85	4.6
1	TETRAGONICIPITIDAE (LPIL)	0.0	0.61	0.0	0.20	0.20	0.2
1	CYLINDROPSILIDAE (LPIL)	5.09	4.28	6.72	5.36	0.72	4.2
1	LAOPHONTIDAE (LPIL)	0.81	0.0	0.81	0.54	0.27	0.4
14	HARPACTICOIDA (LPIL)	4.89	6.93	8.35	6.72	1.00	5.3
1	HARPACTICOIDA (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
12	NAUPLIUS (LPIL)	17.32	12.83	3.46	11.20	4.08	8.8
1	SIPUNCULIDA (LPIL)	0.20	0.0	0.20	0.14	0.07	0.1
1	PRIAPULIDA (LPIL)	1.43	0.20	1.22	0.95	0.38	0.7
1	TARDIGRADA (LPIL)	6.52	0.81	4.48	3.94	1.67	3.1
6	STELLEROIDEA (LPIL)	0.41	0.0	0.0	0.14	0.14	0.1
TOTAL		154.82	112.85	115.71	127.79	13.54	100.0
DIVERSITY (H PRIME)		4.86	4.60	4.85	4.77	0.08	
DIVERSITY (J PRIME)		0.88	0.83	0.88	0.86	0.02	
NUMBER OF TAXA		46	46	46	54		

ABOVE COMPUTED USING SAMPLE IDS  
2181 2182 2183

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC  
6 1 43 1 5243

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL		WIND		CURRENT		TEMP		BT	TURBD	COND	DO	PH	SALN	P	
				UNITS	C			SP	D	UNITS	C	SECH	WT	SC	DI	CL	SP								DI
2241	2/25/77	2106	2	0.0	0	26.0	26.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	13.33	56	0.0	0	8.6	0.0	35.8	6
2242	2/25/77	2106	2	0.0	0	26.0	26.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	13.33	56	0.0	0	8.6	0.0	35.8	6
2243	2/25/77	2106	2	0.0	0	26.0	26.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	13.33	56	0.0	0	8.6	0.0	35.8	6
LS																							REL		
	TAXA																					X	S.E.	ABX	
		1	2	3																					
1	CILIOPHORA (LPIL)	0.0	4.28	1.63																			1.97	1.25	1.3
1	TURBELLARIA-(LPIL)	1.02	5.09	5.50																			3.87	1.43	2.6
1	NEMERTINA (LPIL)	0.0	0.0	0.61																			0.20	0.20	0.1
1	GASTROTRICHA (LPIL)	1.22	19.96	16.50																			12.56	5.76	8.3
1	KINORHYNCHA (LPIL)	0.20	0.61	0.81																			0.54	0.18	0.4
1	DESMOSCOLECIDAE (LPIL)	1.22	0.61	5.50																			2.44	1.54	1.6
1	COMESOMATIDAE (LPIL)	0.0	0.41	0.0																			0.14	0.14	0.1
1	CHROMODORIDAE (LPIL)	6.11	10.59	8.96																			8.56	1.31	5.7
1	CYATHOLAIMIDAE (LPIL)	0.61	6.52	2.85																			3.33	1.72	2.2
1	CHONOLAIMIDAE (LPIL)	0.41	0.81	1.02																			0.75	0.18	0.5
1	SELANCHONEMATIDAE (LPIL)	0.0	0.41	0.20																			0.20	0.12	0.1
1	MEYLIIDAE (LPIL)	0.0	0.0	0.20																			0.07	0.07	0.0
1	DRACONEMATIDAE (LPIL)	0.61	5.50	4.28																			3.46	1.47	2.3
1	EPSILONEMATIDAE (LPIL)	0.81	10.39	2.65																			4.62	2.93	3.1
1	MONOPOSTHIIDAE (LPIL)	0.61	1.83	1.43																			1.29	0.36	0.9
1	CERAMONEMATIDAE (LPIL)	2.44	2.04	7.13																			3.87	1.63	2.6
1	DESMODORIDAE (LPIL)	6.72	27.50	12.63																			15.62	6.18	10.4
1	LEPTOLAIMIDAE (LPIL)	0.20	0.20	2.65																			1.02	0.81	0.7
1	CAMACOLAIMIDAE (LPIL)	0.41	0.20	0.20																			0.27	0.07	0.2
1	AXONOLAIMIDAE (LPIL)	0.20	0.20	1.63																			0.68	0.48	0.5
1	LINHOMOEIDAE (LPIL)	0.61	1.83	3.46																			1.97	0.83	1.3
1	MONHYSTERIDAE (LPIL)	6.11	14.26	11.61																			10.66	2.40	7.1
1	OXYSTOMINIDAE (LPIL)	0.20	3.87	2.44																			2.17	1.07	1.4
1	TRIPYLOIDIDAE (LPIL)	0.20	0.61	0.0																			0.27	0.18	0.2
1	ENOPLIDAE (LPIL)	0.0	1.63	1.22																			0.95	0.49	0.6
51	ENOPLIDAE (LPIL)	0.20	0.0	0.0																			0.07	0.07	0.0
1	ONCHOLAIMIDAE (LPIL)	0.0	0.20	0.20																			0.14	0.07	0.1
1	ENCHELIDIIDAE (LPIL)	0.20	0.0	0.0																			0.07	0.07	0.0
6	NEMATODA (LPIL)	2.04	0.0	1.02																			1.02	0.59	0.7
1	NEMATODA (LPIL)	0.0	1.22	0.61																			0.61	0.35	0.4
6	POLYCHAETA (LPIL)	2.04	7.74	10.19																			6.65	2.41	4.4
1	OLIGOCHAETA (LPIL)	0.0	1.02	0.41																			0.48	0.30	0.3
6	GASTROPODA (LPIL)	0.20	0.0	0.0																			0.07	0.07	0.0
6	BIVALVIA (LPIL)	0.41	0.81	0.61																			0.61	0.12	0.4
1	HALACARIDAE (LPIL)	0.0	3.46	0.41																			1.29	1.09	0.9

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## BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

LS	TAXA	1	2	3	- X	S. E.	REL AB%
1	OSTRACODA (LPIL)	0.20	2.44	2.24	1.63	0.72	1.1
1	MYSTACOCARIDA (LPIL)	0.0	2.65	0.0	0.88	0.88	0.6
1	CYCLOPOIDA (LPIL)	0.0	0.0	0.61	0.20	0.20	0.1
1	ECTINOSOMIDAE (LPIL)	0.0	2.44	1.22	1.22	0.71	0.8
1	THALESTRIDAE (LPIL)	0.0	7.54	4.07	3.87	2.18	2.6
1	DIOSACCIDAE (LPIL)	0.20	7.33	1.22	2.92	2.23	1.9
1	AMEIRIDAE (LPIL)	0.41	11.00	2.85	4.75	3.20	3.2
1	PARAMESOCHRIDAE (LPIL)	5.70	3.06	5.70	4.82	0.88	3.2
1	TETRAGONICIPITIDAE (LPIL)	0.0	0.61	0.41	0.34	0.18	0.2
1	CANTHOCAMPTIDAE (LPIL)	0.0	0.61	0.41	0.34	0.18	0.2
1	CYLINDROPSILIDAE (LPIL)	1.02	9.78	6.72	5.84	2.57	3.9
1	CLETODIDAE (LPIL)	0.0	3.67	0.61	1.43	1.13	0.9
1	LAOPHONTIDAE (LPIL)	0.0	2.44	1.83	1.43	0.73	0.9
1	ANCORABOLIDAE (LPIL)	0.0	0.0	0.41	0.14	0.14	0.1
14	HARPACTICOIDA (LPIL)	3.67	13.44	5.70	7.61	2.98	5.1
1	HARPACTICOIDA (LPIL)	0.0	0.0	0.41	0.14	0.14	0.1
12	NAUPLIUS (LPIL)	10.19	6.93	27.70	14.94	6.45	9.9
1	SIPUNCULIDA (LPIL)	0.20	0.41	0.61	0.41	0.12	0.3
1	PRIAPULIDA (LPIL)	0.41	0.20	1.43	0.68	0.38	0.5
1	TARDIGRADA (LPIL)	0.41	5.91	6.93	4.41	2.02	2.9
	TOTAL	57.45	214.30	179.67	150.47	47.58	100.0
	DIVERSITY (H PRIME)	4.04	4.68	4.65	4.46	0.21	
	DIVERSITY (J PRIME)	0.79	0.85	0.84	0.82	0.02	
	NUMBER OF TAXA	35	46	47	52		

ABOVE COMPUTED USING SAMPLE IDS  
 2241      2242      2243

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC

6 1 43 1 5253

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL		WIND		CURRENT		TEMP			COND	DO	PH	SALN	P	
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP						DI
2291	2/26/77	203	2	0.0	0	33.0	33.0	0.0	0	600.0	7	0.0	0	0	0	0.0	13.94	55	0.0	0	8.6	0.0	35.4	6
2292	2/26/77	203	2	0.0	0	33.0	33.0	0.0	0	600.0	7	0.0	0	0	0	0.0	13.94	55	0.0	0	8.6	0.0	35.4	6
2293	2/26/77	203	2	0.0	0	33.0	33.0	0.0	0	600.0	7	0.0	0	0	0	0.0	13.94	55	0.0	0	8.6	0.0	35.4	6

LS	TAXA	1	2	3	X	S.E.	REL ABX
1	CILIOPHORA (LPIL)	0.0	0.0	1.02	0.34	0.34	0.2
1	TURBELLARIA-(LPIL)	0.20	0.61	4.89	1.90	1.50	1.1
1	NEMERTINA (LPIL)	0.0	0.0	0.81	0.27	0.27	0.2
1	GASTROTRICHA (LPIL)	1.43	0.61	10.80	4.28	3.27	2.5
1	KINORHYNCHA (LPIL)	0.61	0.81	2.44	1.29	0.58	0.7
1	DESMOSCOLECIDAE(LPIL)	0.41	0.81	3.26	1.49	0.89	0.9
1	COMESOMATIDAE (LPIL)	0.41	0.0	1.43	0.61	0.42	0.4
1	CHROMODORIDAE (LPIL)	3.67	13.85	17.52	11.68	4.14	6.8
1	CYATHOLAIMIDAE (LPIL)	3.26	7.94	6.11	5.77	1.36	3.3
222	CHONILAIMIDAE (LPIL)	0.20	1.02	0.41	0.54	0.24	0.3
1	MEYLIIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.0
1	DRACONEMATIDAE (LPIL)	0.61	0.61	2.65	1.29	0.68	0.7
1	EPSILONEMATIDAE (LPIL)	0.61	0.20	2.85	1.22	0.82	0.7
1	MONOPOSTHIIDAE (LPIL)	0.81	1.63	1.43	1.29	0.24	0.7
1	CERAMONEMATIDAE (LPIL)	2.44	1.22	4.89	2.85	1.08	1.7
1	DESMODORIDAE (LPIL)	7.94	10.19	13.65	10.59	1.66	6.1
1	LEPTOLAIMIDAE (LPIL)	1.22	1.02	2.65	1.63	0.51	0.9
1	AXONOLAIMIDAE (LPIL)	0.61	6.52	2.44	3.19	1.75	1.8
1	LINHOMOEIDAE (LPIL)	0.61	5.91	0.61	2.38	1.77	1.4
1	MONHYSTERIDAE (LPIL)	7.33	34.43	15.07	18.94	8.06	11.0
1	OXYSTOMINIDAE (LPIL)	1.43	1.43	2.85	1.90	0.48	1.1
1	TRIPYLOIDIDAE (LPIL)	0.0	0.0	0.81	0.27	0.27	0.2
1	ENOPLIDAE (LPIL)	0.20	2.65	5.09	2.65	1.41	1.5
1	ONCHOLAIMIDAE (LPIL)	0.41	0.61	2.24	1.09	0.58	0.6
1	ENCHELIDIIDAE (LPIL)	0.0	0.41	0.61	0.34	0.18	0.2
6	NEMATODA (LPIL)	1.22	1.43	0.20	0.95	0.38	0.6
1	NEMATODA (LPIL)	0.20	1.22	1.63	1.02	0.42	0.6
6	POLYCHAETA (LPIL)	2.65	2.85	9.78	5.09	2.34	2.9
1	OLIGOCHAETA (LPIL)	0.0	1.63	1.63	1.09	0.54	0.6
6	BIVALVIA (LPIL)	2.04	0.61	2.24	1.63	0.51	0.9
1	HALACARIDAE (LPIL)	0.0	0.0	0.81	0.27	0.27	0.2
1	OSTRACODA (LPIL)	0.41	0.61	4.48	1.83	1.33	1.1
1	CYCLOPOIDA (LPIL)	0.41	0.0	0.0	0.14	0.14	0.1
1	LONGIPEDIDAE (LPIL)	0.41	3.26	1.02	1.56	0.87	0.9
1	CANUELLIDAE (LPIL)	1.02	1.83	0.0	0.95	0.53	0.6

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

LS	TAXA	1	2	3	- X	S.E.	REL AB%
1	ECTINOSOMIDAE (LPIL)	0.0	7.94	3.46	3.80	2.30	2.2
1	TISBIDAE (LPIL)	0.0	0.0	1.02	0.34	0.34	0.2
1	THALESTRIDAE (LPIL)	0.61	2.65	3.06	2.10	0.76	1.2
1	DIOSACCIDAE (LPIL)	6.11	14.87	8.56	9.85	2.61	5.7
1	AMEIRIDAE (LPIL)	4.69	4.48	4.69	4.62	0.07	2.7
1	PARAMESOCHRIDAE (LPIL)	1.63	6.11	1.63	3.12	1.49	1.8
1	TETRAGONICIPITIDAE (LPIL)	0.41	0.81	0.0	0.41	0.24	0.2
1	CANTHOCAMPTIDAE (LPIL)	0.0	0.0	0.41	0.14	0.14	0.1
1	CYLINDROPSILIDAE (LPIL)	1.63	26.48	7.13	11.75	7.54	6.8
1	CLETODIDAE (LPIL)	0.0	0.81	0.0	0.27	0.27	0.2
1	LAOPHONTIDAE (LPIL)	0.61	0.81	4.69	2.04	1.33	1.2
14	HARPACTICOIDA (LPIL)	13.85	18.33	5.70	12.63	3.70	7.3
12	NAUPLIUS (LPIL)	34.83	9.57	30.15	24.85	7.76	14.4
1	PRIAPULIDA (LPIL)	1.43	1.02	2.24	1.56	0.36	0.9
1	TARDIGRADA (LPIL)	0.81	2.24	5.30	2.78	1.32	1.6
223	TOTAL	109.39	202.28	206.36	172.68	31.66	100.0
	DIVERSITY (H PRIME)	3.84	4.28	4.76	4.30	0.26	
	DIVERSITY (J PRIME)	0.73	0.80	0.87	0.80	0.04	
	NUMBER OF TAXA	38	41	44	49		

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC  
6 1 43 1 5263

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW				SAMP VOL				WIND		CURENT		TEMP			COND	DO	PH	SALN	P
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR	WAT	BT					
2331	2/26/77	516	2	0.0	0	37.0	37.0	0.0	0	600.0	7	0.0	0	0	0	0	0.0	0	0.0	17.69	55	0.0	0	8.3	0.0	36.1	6
2332	2/26/77	516	2	0.0	0	37.0	37.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	17.69	55	0.0	0	8.3	0.0	36.1	6	
2333	2/26/77	516	2	0.0	0	37.0	37.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	17.69	55	0.0	0	8.3	0.0	36.1	6	

LS	TAXA	-		X	S.E.	REL AB%	
		1	2				3
1	CILIOPHORA (LPIL)	0.20	0.0	2.85	1.02	0.92	0.8
1	HYDROZOA (LPIL)	1.02	0.0	0.0	0.34	0.34	0.3
1	TURBELLARIA-(LPIL)	1.43	0.41	2.65	1.49	0.65	1.2
1	NEMERTINA (LPIL)	0.61	0.0	4.07	1.56	1.27	1.3
1	ROTIFERA (LPIL)	0.0	0.0	0.61	0.20	0.20	0.2
1	GASTROTRICHA (LPIL)	3.46	0.41	7.54	3.80	2.07	3.1
1	KINORHYNCHA (LPIL)	1.02	0.20	0.0	0.41	0.31	0.3
1	DESMOSCOLECIDAE(LPIL)	0.41	1.63	1.43	1.15	0.38	0.9
224	COMESOMATIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
1	CHROMODORIDAE (LPIL)	8.76	6.72	7.13	7.54	0.62	6.2
1	CYATHOLAIMIDAE (LPIL)	0.81	3.26	1.43	1.83	0.73	1.5
1	CHONIOLAIMIDAE (LPIL)	0.41	0.81	0.61	0.61	0.12	0.5
1	MEYLIIDAE (LPIL)	0.41	0.61	0.41	0.48	0.07	0.4
1	DRACONEMATIDAE (LPIL)	1.83	1.43	1.43	1.56	0.14	1.3
1	EPSILONEMATIDAE (LPIL)	4.07	3.46	3.06	3.53	0.30	2.9
1	MONOPOSTHIDAE (LPIL)	1.63	1.63	1.63	1.63	0.0	1.3
1	CERAMONEMATIDAE (LPIL)	1.83	0.61	1.22	1.22	0.35	1.0
1	DESMODORIDAE (LPIL)	22.41	8.76	8.76	13.31	4.55	10.9
1	LEPTOLAIMIDAE (LPIL)	1.43	1.02	0.61	1.02	0.24	0.8
1	AXONOLAIMIDAE (LPIL)	0.61	1.02	0.0	0.54	0.30	0.4
1	LINHOMOEIDAE (LPIL)	3.06	0.20	1.63	1.63	0.82	1.3
1	MONHYSTERIDAE (LPIL)	13.85	3.26	7.54	8.22	3.08	6.8
1	OXYSTOMINIDAE (LPIL)	0.61	0.61	0.81	0.68	0.07	0.6
1	ANTICOMIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
1	ENOPLIDAE (LPIL)	0.20	0.41	0.61	0.41	0.12	0.3
1	ONCHOLAIMIDAE (LPIL)	0.0	0.20	0.20	0.14	0.07	0.1
1	ENCHELIDIIDAE (LPIL)	0.0	0.41	0.0	0.14	0.14	0.1
6	NEMATODA (LPIL)	1.02	0.41	1.63	1.02	0.35	0.8
6	POLYCHAETA (LPIL)	3.67	1.63	6.93	4.07	1.54	3.4
1	OLIGOCHAETA (LPIL)	0.41	0.81	0.81	0.68	0.14	0.6
6	BIVALVIA (LPIL)	0.0	1.22	1.02	0.75	0.38	0.6
1	HALACARIDAE (LPIL)	6.72	0.20	0.41	2.44	2.14	2.0
1	OSTRACODA (LPIL)	3.26	0.81	2.24	2.10	0.71	1.7
1	CYCLOPOIDA (LPIL)	1.02	0.61	1.83	1.15	0.36	0.9
1	LONGIPEDIDAE (LPIL)	0.20	0.41	0.20	0.27	0.07	0.2

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LS	TAXA				-	S. E.	REL
		1	2	3	X		AB%
1	CANUELLIDAE (LPIL)	0.20	0.41	0.41	0.34	0.07	0.3
1	ECTINOSOMIDAE (LPIL)	2.65	1.63	2.24	2.17	0.30	1.8
1	HARPACTICIDAE (LPIL)	0.0	0.20	0.41	0.20	0.12	0.2
1	TISBIDAE (LPIL)	0.61	0.20	0.0	0.27	0.18	0.2
1	THALESTRIDAE (LPIL)	3.26	1.02	0.61	1.63	0.82	1.3
1	DIOSACCIDAE (LPIL)	9.98	3.06	3.46	5.50	2.24	4.5
1	AMEIRIDAE (LPIL)	1.63	0.20	1.83	1.22	0.51	1.0
1	PARAMESOCHRIDAE (LPIL)	0.61	2.65	3.06	2.10	0.76	1.7
1	CANTHOCAMPTIDAE (LPIL)	0.20	0.0	0.20	0.14	0.07	0.1
1	CYLINDROPSILIDAE (LPIL)	1.43	0.61	1.43	1.15	0.27	0.9
1	LAOPHONTIDAE (LPIL)	0.81	1.22	0.61	0.88	0.18	0.7
1	HARPACTICOIDA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
14	COPEPODA (LPIL)	4.48	6.31	3.26	4.69	0.89	3.9
6	AMPHIPODA (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
12	NAUPLIUS (LPIL)	15.07	17.52	23.83	18.81	2.61	15.5
1	PRIAPULIDA (LPIL)	0.61	0.0	1.43	0.68	0.41	0.6
225	TARDIGRADA (LPIL)	1.02	0.20	2.04	1.09	0.53	0.9
1	ARCHIANNELIDA	0.0	0.0	40.33	13.44	13.44	11.1
TOTAL		128.95	78.63	157.06	121.55	22.94	100.0
DIVERSITY (H PRIME)		4.36	4.31	4.22	4.30	0.04	
DIVERSITY (J PRIME)		0.80	0.79	0.76	0.79	0.01	
NUMBER OF TAXA		43	43	47	53		

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC  
6 1 43 1 5273

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL			WIND		CURRENT			TEMP			COND	DO	PH	SALN	P
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR					
2371	2/26/77	846	1	0.0	0	41.0	41.0	0.0	0	600.0	7	0.0	0	0	0	0.0	19.10	55	0.0	0	7.6	0.0	36.2	6	
2372	2/26/77	846	1	0.0	0	41.0	41.0	0.0	0	600.0	7	0.0	0	0	0	0.0	19.10	55	0.0	0	7.6	0.0	36.2	6	
2373	2/26/77	846	1	0.0	0	41.0	41.0	0.0	0	600.0	7	0.0	0	0	0	0.0	19.10	55	0.0	0	7.6	0.0	36.2	6	

LS TAXA

LS	TAXA	REL		
		X	S.E.	AB%
		1	2	3
1	TURBELLARIA-(LPIL)	1.02	0.61	0.20
1	GASTROTRICHA (LPIL)	3.26	0.41	6.72
1	KINORHYNCHA (LPIL)	0.20	0.81	0.81
1	DESMOSCOLECIDAE(LPIL)	1.02	1.22	0.61
1	COMESOMATIDAE (LPIL)	0.0	0.20	0.0
1	CHROMODORIDAE (LPIL)	7.13	6.31	7.33
1	CYATHOLAIMIDAE (LPIL)	2.65	1.63	1.43
1	CHONIOLAIMIDAE (LPIL)	0.20	0.41	0.41
1	SELANCHONEMATIDAE (LPIL)	0.0	0.0	0.20
226	MEYLIIDAE (LPIL)	0.61	0.61	0.20
1	DRACONEMATIDAE (LPIL)	0.20	0.0	0.81
1	EPSILONEMATIDAE (LPIL)	0.41	0.20	1.63
1	RICHTERSIIDAE (LPIL)	0.0	0.41	0.0
1	MONOPOSTHIIDAE (LPIL)	2.04	1.22	2.85
1	CERAMONEMATIDAE (LPIL)	1.02	1.83	1.63
1	DESMODORIDAE (LPIL)	6.93	18.13	9.98
1	LEPTOLAIMIDAE (LPIL)	0.81	1.02	0.61
1	CAMACOLAIMIDAE (LPIL)	0.20	0.0	0.20
1	AXONOLAIMIDAE (LPIL)	0.41	0.20	1.02
1	LINHOMOEIDAE (LPIL)	0.20	0.61	0.81
1	MONHYSTERIDAE (LPIL)	3.26	8.76	4.69
1	OXYSTOMINIDAE (LPIL)	0.20	0.0	0.20
1	ENOPLIDAE (LPIL)	0.20	0.0	0.41
1	ONCHOLAIMIDAE (LPIL)	0.20	0.0	0.20
6	NEMATODA (LPIL)	0.61	0.41	0.41
1	NEMATODA (LPIL)	0.61	0.41	0.81
6	POLYCHAETA (LPIL)	1.63	0.61	3.46
1	OLIGOCHAETA (LPIL)	0.41	0.0	0.41
6	BIVALVIA (LPIL)	0.0	0.61	0.0
6	CEPHALOPODA (LPIL)	0.20	0.0	0.0
1	OSTRACODA (LPIL)	1.02	2.24	0.20
1	CYCLOPOIDA (LPIL)	1.43	0.0	1.63
1	LONGIPEDIDAE (LPIL)	0.0	0.0	0.20
1	CANUELLIDAE (LPIL)	0.41	0.0	0.61
1	ECTINOSOMIDAE (LPIL)	1.63	1.02	3.26

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STATION REPORT

LS	TAXA	1	2	3	- X	S.E.	REL AB%
1	THALESTRIDAE (LPIL)	0.61	0.81	0.20	0.54	0.18	0.7
1	DIOSACCIDAE (LPIL)	3.67	2.85	3.26	3.26	0.24	4.3
1	AMEIRIDAE (LPIL)	1.83	1.22	1.83	1.63	0.20	2.1
1	PARAMESOCHRIDAE (LPIL)	1.22	0.61	0.61	0.81	0.20	1.1
1	CYLINDROPSILIDAE (LPIL)	1.63	0.81	1.63	1.36	0.27	1.8
1	CLETODIDAE (LPIL)	0.41	0.0	0.41	0.27	0.14	0.4
1	LAOPHONTIDAE (LPIL)	0.81	0.61	0.81	0.75	0.07	1.0
14	HARPACTICOIDA (LPIL)	4.28	5.50	4.89	4.89	0.35	6.4
1	HARPACTICOIDA (LPIL)	0.0	0.61	0.41	0.34	0.18	0.4
12	NAUPLIUS (LPIL)	12.43	20.78	9.57	14.26	3.36	18.6
1	SIPUNCULIDA (LPIL)	0.20	0.0	0.20	0.14	0.07	0.2
1	PRIAPULIDA (LPIL)	0.20	0.0	0.20	0.14	0.07	0.2
1	TARDIGRADA (LPIL)	0.41	0.41	0.0	0.27	0.14	0.4
	TOTAL	67.83	84.13	78.02	76.66	4.75	100.0
	DIVERSITY (H PRIME)	4.40	3.66	4.41	4.16	0.25	
	DIVERSITY (J PRIME)	0.82	0.73	0.82	0.79	0.03	
	NUMBER OF TAXA	41	32	41	46		

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2371 2372 2373

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MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC

6 1 43 1 5383

SID	DATE	TIME	D/N	DURATION			TOW		SAMP VOL			WIND		CURRENT			TEMP			COND	DO	PH	SALN	P										
				UNITS	C	SD	WD	SP	D	UNITS	C	SECH	WT	SC	DI	CL	SP	DI	AIR						WAT	BT	TURBD							
2421	2/27/77	941	1	0.0	0	101.0	101.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	17.85	20	0.0	0	6.1	0.0	36.2	6								
2422	2/27/77	941	1	0.0	0	101.0	101.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	17.85	20	0.0	0	6.1	0.0	36.2	6									
2423	2/27/77	941	1	0.0	0	101.0	101.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	17.85	20	0.0	0	6.1	0.0	36.2	6									
LS	TAXA																				X	S.E.		AB%										
								1				2																						
1	CILIOPHORA (LPIL)																																	
1	TURBELLARIA-(LPIL)																																	
1	GASTROTRICHA (LPIL)																																	
1	KINORHYNCHA (LPIL)																																	
1	DESMOSCOLECIDAE (LPIL)																																	
1	COMESOMATIDAE (LPIL)																																	
1	CHROMODORIDAE (LPIL)																																	
1	CYATHOLAIMIDAE (LPIL)																																	
1	CHONIOLAIMIDAE (LPIL)																																	
1	SELANCHONEMATIDAE (LPIL)																																	
228	MEYLIIDAE (LPIL)																																	
1	DRACONEMATIDAE (LPIL)																																	
1	EPSILONEMATIDAE (LPIL)																																	
1	RICHTERSIIDAE (LPIL)																																	
1	CERAMONEMATIDAE (LPIL)																																	
1	DESMODORIDAE (LPIL)																																	
1	LEPTOLAIMIDAE (LPIL)																																	
1	AXONOLAIMIDAE (LPIL)																																	
1	LINHOMOEIDAE (LPIL)																																	
1	MONHYSTERIDAE (LPIL)																																	
1	OXYSTOMINIDAE (LPIL)																																	
1	ANTICOMIDAE (LPIL)																																	
1	ENOPLIDAE (LPIL)																																	
1	ONCHOLAIMIDAE (LPIL)																																	
1	ENCHELIDIIDAE (LPIL)																																	
6	NEMATODA (LPIL)																																	
1	NEMATODA (LPIL)																																	
6	POLYCHAETA (LPIL)																																	
1	OLIGOCHAETA (LPIL)																																	
6	BIVALVIA (LPIL)																																	
1	OSTRACODA (LPIL)																																	
1	CYCLOPOIDA (LPIL)																																	
1	ECTINOSOMIDAE (LPIL)																																	
1	DIOSACCIDAE (LPIL)																																	
1	AMEIRIDAE (LPIL)																																	

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STATION REPORT

LS	TAXA	1	2	3	- X	S. E.	REL AB%
1	PARAMESOCHRIDAE (LPIL)	2.04	0.41	0.41	0.95	0.54	1.6
1	CANTHOCAMPTIDAE (LPIL)	0.41	0.41	0.0	0.27	0.14	0.5
1	CYLINDROPSILIDAE (LPIL)	0.41	0.81	0.20	0.48	0.18	0.8
1	LAOPHONTIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
14	HARPACTICOIDA (LPIL)	4.28	0.81	3.87	2.99	1.09	5.1
1	HARPACTICOIDA (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
6	AMPHIPODA (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
12	NAUPLIUS (LPIL)	10.19	1.22	7.13	6.18	2.63	10.4
1	PRIAPULIDA (LPIL)	0.0	0.20	0.20	0.14	0.07	0.2
1	TARDIGRADA (LPIL)	1.22	0.20	1.43	0.95	0.38	1.6
TOTAL		71.50	25.46	80.46	59.14	17.04	100.0
DIVERSITY (H PRIME)		4.25	4.42	4.28	4.32	0.05	
DIVERSITY (J PRIME)		0.85	0.88	0.84	0.86	0.01	
NUMBER OF TAXA		32	32	34	43		

3 ABOVE COMPUTED USING SAMPLE IDS  
3  
3

2421 2422 2423

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 26	23 27	24 38	- X	S.E.	REL AB%
1	CILIOPHORA (LPIL)	1.09 0.34	0.48 1.02	0.41 0.0	1.97 0.48	0.72	0.22	0.6
1	PROTOZOA (LPIL)	0.0 0.0	0.0 0.0	0.14 0.0	0.0 0.0	0.02	0.02	0.0
1	HYDROZOA (LPIL)	4.21 0.0	0.07 0.34	0.07 0.0	0.0 0.0	0.59	0.52	0.5
1	UNIDENTIFIED: 54009400	0.0 0.0	0.48 0.0	0.0 0.0	0.0 0.0	0.06	0.06	0.1
1	TURBELLARIA-(LPIL)	0.48 1.90	0.95 1.49	3.40 0.61	3.87 1.22	1.74	0.45	1.5
230	NEMERTINA (LPIL)	0.0 0.27	0.27 1.56	0.41 0.0	0.20 0.0	0.34	0.18	0.3
1	ROTIFERA (LPIL)	0.0 0.0	0.0 0.20	0.0 0.0	0.0 0.0	0.03	0.03	0.0
1	GASTROTRICHA (LPIL)	0.48 4.28	4.75 3.80	7.27 3.46	12.56 2.44	4.88	1.29	4.3
1	UNIDENTIFIED: 58900000	0.0 0.0	0.0 0.0	0.27 0.0	0.0 0.0	0.03	0.03	0.0
1	KINORHYNCHA (LPIL)	0.0 1.29	1.22 0.41	0.48 0.61	0.54 0.07	0.58	0.17	0.5
1	DESMOSCOLECIDAE(LPIL)	0.41 1.49	4.75 1.15	2.10 0.95	2.44 4.75	2.26	0.59	2.0
1	COMESOMATIDAE (LPIL)	12.70 0.61	1.63 0.07	0.27 0.07	0.14 0.75	2.03	1.54	1.8
1	CHROMODORIDAE (LPIL)	3.26 11.68	7.67 7.54	8.69 6.93	8.56 5.30	7.45	0.88	6.5
1	CYATHOLAIMIDAE (LPIL)	1.02 5.77	4.07 1.83	1.49 1.90	3.33 0.34	2.47	0.63	2.2

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA					-	S. E.	REL AB%
		11 25	12 26	23 27	24 38	X		
1	CHONIOLAIMIDAE (LPIL)	0.0 0.54	1.09 0.61	1.22 0.34	0.75 1.49	0.76	0.17	0.7
1	SELANCHONEMATIDAE (LPIL)	0.0 0.0	0.0 0.0	0.27 0.07	0.20 0.14	0.08	0.04	0.1
1	MEYLIIDAE (LPIL)	0.0 0.07	0.14 0.48	0.54 0.48	0.07 0.14	0.24	0.08	0.2
1	DRACONEMATIDAE (LPIL)	0.0 1.29	0.41 1.56	1.36 0.34	3.46 0.75	1.15	0.38	1.0
1	EPSILONEMATIDAE (LPIL)	0.0 1.22	7.88 3.53	7.40 0.75	4.62 1.63	3.38	1.07	2.9
1	RICHTERSIIDAE (LPIL)	0.20 0.0	0.0 0.0	0.0 0.14	0.0 0.54	0.11	0.07	0.1
1	MONOPOSTHIIDAE (LPIL)	0.0 1.29	1.70 1.63	2.31 2.04	1.29 0.0	1.28	0.30	1.1
1	CERAMONEMATIDAE (LPIL)	0.27 2.85	2.99 1.22	1.15 1.49	3.87 1.90	1.97	0.42	1.7
1	DESMODORIDAE (LPIL)	3.26 10.59	17.52 13.31	8.15 11.68	15.62 7.81	10.99	1.63	9.6
1	LEPTOLAIMIDAE (LPIL)	0.0 1.63	0.88 1.02	1.97 0.81	1.02 1.77	1.14	0.22	1.0
1	CAMACOLAIMIDAE (LPIL)	0.0 0.0	0.0 0.0	0.0 0.14	0.27 0.0	0.05	0.04	0.0
1	AXONOLAIMIDAE (LPIL)	0.14 3.19	1.36 0.54	0.54 0.54	0.68 0.34	0.92	0.35	0.8
1	LINHOMOEIDAE (LPIL)	13.58 2.38	0.48 1.63	0.88 0.54	1.97 0.88	2.79	1.56	2.4
1	MONHYSTERIDAE (LPIL)	15.96 18.94	9.98 8.22	5.16 5.57	10.66 5.57	10.01	1.80	8.7

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WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 26	23 27	24 38	- X	S.E.	REL AB%
1	OXYSTOMINIDAE (LPIL)	0.0 1.90	1.83 0.68	1.22 0.14	2.17 1.15	1.14	0.29	1.0
1	IRONIDAE (LPIL)	0.41 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.05	0.05	0.0
1	TRIPYLOIDIDAE (LPIL)	0.0 0.27	0.0 0.0	0.0 0.0	0.27 0.0	0.07	0.04	0.1
1	ANTICOMIDAE (LPIL)	0.0 0.0	0.0 0.07	0.0 0.0	0.0 0.07	0.02	0.01	0.0
1	ENOPLIDAE (LPIL)	0.07 2.65	1.43 0.41	2.04 0.20	0.95 0.14	0.98	0.34	0.9
51 232	ENOPLIDAE (LPIL)	0.0 0.0	0.0 0.0	0.0 0.0	0.07 0.0	0.01	0.01	0.0
1	RHABDODEMANIDAE (LPIL)	0.0 0.0	0.14 0.0	0.34 0.0	0.0 0.0	0.06	0.04	0.1
1	ONCHOLAIMIDAE (LPIL)	5.57 1.09	0.95 0.14	0.48 0.14	0.14 0.14	1.08	0.66	0.9
1	ENCHELIDIIDAE (LPIL)	0.07 0.34	0.54 0.14	0.81 0.0	0.07 0.07	0.25	0.10	0.2
6	NEMATODA (LPIL)	1.02 0.95	0.75 1.02	0.20 0.48	1.02 0.34	0.72	0.12	0.6
1	NEMATODA (LPIL)	3.26 1.02	2.24 0.0	0.81 0.61	0.61 0.95	1.19	0.37	1.0
6	POLYCHAETA (LPIL)	1.70 5.09	10.93 4.07	7.33 1.90	6.65 2.24	4.99	1.14	4.4
1	OLIGOCHAETA (LPIL)	0.0 1.09	0.07 0.68	0.68 0.27	0.48 0.07	0.42	0.14	0.4
1	GASTROPODA (LPIL)	0.0 0.0	0.07 0.0	0.0 0.0	0.0 0.0	0.01	0.01	0.0

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 26	23 27	24 38	- X	S. E.	REL AB%
6	GASTROPODA (LPIL)	0.07 0.0	0.0 0.0	0.07 0.0	0.07 0.0	0.03	0.01	0.0
6	BIVALVIA (LPIL)	0.48 1.63	0.95 0.75	0.41 0.20	0.61 0.14	0.65	0.17	0.6
6	CEPHALOPODA (LPIL)	0.0 0.0	0.0 0.0	0.0 0.07	0.0 0.0	0.01	0.01	0.0
1	HALACARIDAE (LPIL)	0.07 0.27	1.83 2.44	3.67 0.0	1.29 0.0	1.20	0.48	1.0
1	OSTRACODA (LPIL)	0.20 1.83	3.40 2.10	3.26 1.15	1.63 0.41	1.75	0.42	1.5
233 1	MYSTACOCARIDA (LPIL)	0.0 0.0	0.0 0.0	0.95 0.0	0.88 0.0	0.23	0.15	0.2
1	CYCLOPOIDA (LPIL)	0.0 0.14	0.20 1.15	0.75 1.02	0.20 0.14	0.45	0.16	0.4
1	LONGIPEDIDAE (LPIL)	0.0 1.56	0.0 0.27	0.0 0.07	0.0 0.0	0.24	0.19	0.2
1	CANUELLIDAE (LPIL)	0.0 0.95	0.0 0.34	0.0 0.34	0.0 0.0	0.20	0.12	0.2
1	ECTINOSOMIDAE (LPIL)	2.10 3.80	1.97 2.17	1.56 1.97	1.22 1.29	2.01	0.29	1.8
1	TACHIDIIDAE (LPIL)	0.0 0.0	0.0 0.0	0.14 0.0	0.0 0.0	0.02	0.02	0.0
1	HARPACTICIDAE (LPIL)	0.07 0.0	0.0 0.20	0.0 0.0	0.0 0.0	0.03	0.03	0.0
1	TISBIDAE (LPIL)	0.0 0.34	0.07 0.27	0.54 0.0	0.0 0.0	0.15	0.07	0.1
1	THALESTRIDAE (LPIL)	0.0 2.10	0.68 1.63	3.12 0.54	3.87 0.0	1.49	0.51	1.3

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WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 26	23 27	24 38	- X	S. E.	REL ABX
1	DIOSACCIDAE (LPIL)	0.0 9.85	6.38 5.50	6.25 3.26	2.92 0.88	4.38	1.15	3.8
1	AMEIRIDAE (LPIL)	0.0 4.62	2.04 1.22	2.04 1.63	4.75 0.68	2.12	0.61	1.9
1	PARAMESOCHRIDAE (LPIL)	0.0 3.12	3.12 2.10	5.91 0.81	4.82 0.95	2.61	0.72	2.3
1	TETRAGONICIPITIDAE (LPIL)	0.0 0.41	0.27 0.0	0.20 0.0	0.34 0.0	0.15	0.06	0.1
1	CANTHOCAMPTIDAE (LPIL)	0.0 0.14	0.54 0.14	0.0 0.0	0.34 0.27	0.18	0.07	0.2
1	CYLINDROPSILIDAE (LPIL)	0.0 11.75	4.01 1.15	5.36 1.36	5.84 0.48	3.74	1.39	3.3
1	CLETODIDAE (LPIL)	0.75 0.27	0.68 0.0	0.0 0.27	1.43 0.0	0.42	0.18	0.4
1	LAOPHONTIDAE (LPIL)	0.0 2.04	0.68 0.88	0.54 0.75	1.43 0.07	0.80	0.24	0.7
1	ANCORABOLIDAE (LPIL)	0.0 0.0	0.0 0.0	0.0 0.0	0.14 0.0	0.02	0.02	0.0
14	HARPACTICOIDA (LPIL)	0.81 12.63	3.80 0.0	6.72 4.89	7.61 2.99	4.93	1.44	4.3
1	HARPACTICOIDA (LPIL)	0.07 0.0	0.61 0.07	0.07 0.34	0.14 0.07	0.17	0.07	0.1
14	COPEPODA (LPIL)	0.0 0.0	0.0 4.69	0.0 0.0	0.0 0.0	0.59	0.59	0.5
6	ISOPODA (LPIL)	0.0 0.0	0.14 0.0	0.0 0.0	0.0 0.0	0.02	0.02	0.0
6	AMPHIPODA (LPIL)	0.34 0.0	0.0 0.07	0.0 0.0	0.0 0.07	0.06	0.04	0.1

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11	12	23	24	- X	S. E.	REL AB%
12	NAUPLIUS (LPIL)	0.14 24.85	10.93 18.81	11.20 14.26	14.94 6.18	12.66	2.67	11.0
1	SIPUNCULIDA (LPIL)	0.20 0.0	0.07 0.0	0.14 0.14	0.41 0.0	0.12	0.05	0.1
1	PRIAPULIDA (LPIL)	0.48 1.56	0.14 0.68	0.95 0.14	0.68 0.14	0.59	0.18	0.5
1	TARDIGRADA (LPIL)	0.0 2.78	1.97 1.09	3.94 0.27	4.41 0.95	1.93	0.58	1.7
6	STELLEROIDEA (LPIL)	0.0 0.0	0.07 0.0	0.14 0.0	0.0 0.0	0.03	0.02	0.0
235 231	ARCHIANNELIDA	0.0 0.0	0.0 13.44	0.0 0.0	0.0 0.0	1.68	1.68	1.5
TOTAL		74.90 172.68	134.24 121.55	127.79 76.66	150.47 59.14	114.68	14.24	100.0
DIVERSITY (H PRIME)		3.36 4.30	4.55 4.30	4.77 4.16	4.46 4.32	4.28	0.15	
DIVERSITY (J PRIME)		0.77 0.80	0.84 0.79	0.86 0.79	0.82 0.86	0.82	0.01	
NUMBER OF TAXA		32 49	53 53	54 46	52 43	72		

ABOVE COMPUTED USING SAMPLE IDS

2091	2092	2093	2141
2142	2143	2181	2182
2183	2241	2242	2243
2291	2292	2293	2331
2332	2333	2371	2372
2373	2421	2422	2423

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC  
6 1 43 1 6113

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL			WIND		CURENT		TEMP				COND	DO	PH	SALN	P
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR					
2501	2/28/77	1220	1	0.0	0	16.0	16.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0.0	13.07	77	0.0	0	8.8	0.0	34.5	0
2502	2/28/77	1220	1	0.0	0	16.0	16.0	0.0	0	600.0	7	0.0	0	0	0.0	0.0	13.07	77	0.0	0	8.8	0.0	34.5	0	
2503	2/28/77	1220	1	0.0	0	16.0	16.0	0.0	0	600.0	7	0.0	0	0	0.0	0.0	13.07	77	0.0	0	8.8	0.0	34.5	0	

LS	TAXA				REL		
		1	2	3		X	S.E.
1	CILIOPHORA (LPIL)	0.0	0.0	4.69	1.56	1.56	4.9
1	TURBELLARIA-(LPIL)	0.81	0.61	4.69	2.04	1.33	6.4
1	GASTROTRICHA (LPIL)	0.20	0.20	0.0	0.14	0.07	0.4
1	DESMOSCOLECIDAE (LPIL)	0.0	0.20	1.02	0.41	0.31	1.3
1	COMESOMATIDAE (LPIL)	4.07	1.63	5.30	3.67	1.08	11.4
1	CHROMODORIDAE (LPIL)	0.61	2.04	2.04	1.56	0.48	4.9
1	CYATHOLAIMIDAE (LPIL)	0.20	0.81	0.0	0.34	0.24	1.1
1	RICHTERSIIDAE (LPIL)	0.20	0.61	3.06	1.29	0.89	4.0
1	CERAMONEMATIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.2
1	DESMODORIDAE (LPIL)	2.44	3.06	3.06	2.85	0.20	8.9
1	LEPTOLAIMIDAE (LPIL)	0.0	0.41	2.04	0.81	0.62	2.5
1	CAMACOLAIMIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.2
1	AXONOLAIMIDAE (LPIL)	0.61	1.02	0.61	0.75	0.14	2.3
1	LINHOMOEIDAE (LPIL)	5.30	4.89	7.54	5.91	0.82	18.4
1	MONHYSTERIDAE (LPIL)	4.07	5.70	8.15	5.98	1.18	18.6
1	OXYSTOMINIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.2
1	ONCHOLAIMIDAE (LPIL)	0.41	0.41	1.22	0.68	0.27	2.1
6	NEMATODA (LPIL)	0.61	0.41	1.22	0.75	0.24	2.3
1	NEMATODA (LPIL)	0.61	0.20	1.22	0.68	0.30	2.1
6	POLYCHAETA (LPIL)	0.0	0.20	0.0	0.07	0.07	0.2
6	BIVALVIA (LPIL)	0.20	0.0	0.41	0.20	0.12	0.6
1	OSTRACODA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.2
12	NAUPLIUS (LPIL)	0.0	0.20	0.20	0.14	0.07	0.4
1	PRIAPULIDA (LPIL)	0.0	0.41	4.28	1.56	1.36	4.9
1	ARCHIANNELIDA	0.61	0.20	0.41	0.41	0.12	1.3
TOTAL		21.19	23.43	51.54	32.05	9.77	100.0
DIVERSITY (H PRIME)		3.07	3.36	3.67	3.37	0.17	
DIVERSITY (J PRIME)		0.79	0.79	0.86	0.81	0.03	
NUMBER OF TAXA		15	19	19	24		

ABOVE COMPUTED USING SAMPLE IDS  
2501 2502 2503

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC  
6 1 43 1 6123

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL			WIND		CURRENT			TEMP			COND	DO	PH	SALN	P		
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR						WAT	BT
2531	2/28/77	1522	1	0.0	0	19.0	19.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	14.99	55	0.0	0	7.9	0.0	35.4	0	
2532	2/28/77	1522	1	0.0	0	19.0	19.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	14.99	55	0.0	0	7.9	0.0	35.4	0		
2533	2/28/77	1522	1	0.0	0	19.0	19.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	14.99	55	0.0	0	7.9	0.0	35.4	0		
LS																								-	REL		
	TAXA																								X	S.E.	AB%
		1	2	3																							
1	TURBELLARIA-(LPIL)	1.02	0.0	1.22	0.75	0.38	2.4																				
1	GASTROTRICHA (LPIL)	2.24	0.61	2.85	1.90	0.67	6.0																				
1	DESMOSCOLECIDAE(LPIL)	0.81	0.41	0.81	0.54	0.14	1.7																				
1	COMESOMATIDAE (LPIL)	0.61	0.81	1.02	0.81	0.12	2.6																				
1	CHROMODORIDAE (LPIL)	2.24	3.26	1.63	2.38	0.48	7.5																				
1	CYATHOLAIMIDAE (LPIL)	0.20	0.20	1.02	0.48	0.27	1.5																				
1	CHONIOLAIMIDAE (LPIL)	0.20	0.20	0.0	0.14	0.07	0.4																				
1	SELANCHONEMATIDAE (LPIL)	0.0	0.0	0.41	0.14	0.14	0.4																				
1	MEYLIIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.2																				
1	DRACONEMATIDAE (LPIL)	0.41	0.0	0.0	0.14	0.14	0.4																				
1	EPSILONEMATIDAE (LPIL)	0.41	1.22	1.22	0.95	0.27	3.0																				
1	RICHTERSIIDAE (LPIL)	0.41	0.0	0.20	0.20	0.12	0.6																				
1	MONOPOSTHIIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.2																				
1	CERAMONEMATIDAE (LPIL)	1.02	0.20	0.61	0.61	0.24	1.9																				
1	DESMODORIDAE (LPIL)	10.80	7.33	6.93	8.35	1.23	26.4																				
1	LEPTOLAIMIDAE (LPIL)	0.20	1.83	1.63	1.22	0.51	3.9																				
1	CAMACOLAIMIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.2																				
1	AXONOLAIMIDAE (LPIL)	1.83	0.81	0.41	1.02	0.42	3.2																				
1	LINHOMOEIDAE (LPIL)	0.41	0.81	0.41	0.54	0.14	1.7																				
1	MONHYSTERIDAE (LPIL)	1.83	0.81	0.41	1.02	0.42	3.2																				
1	OXYSTOMINIDAE (LPIL)	0.61	0.61	1.02	0.75	0.14	2.4																				
1	ENOPLIDAE (LPIL)	0.20	0.0	0.20	0.14	0.07	0.4																				
1	RHABDODEMANIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.2																				
1	ONCHOLAIMIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.2																				
6	NEMATODA (LPIL)	0.41	0.41	0.20	0.34	0.07	1.1																				
1	NEMATODA (LPIL)	0.61	0.0	0.20	0.27	0.18	0.9																				
6	POLYCHAETA (LPIL)	2.44	1.43	1.22	1.70	0.38	5.4																				
1	OLIGOCHAETA (LPIL)	0.41	0.0	1.22	0.54	0.36	1.7																				
6	GASTROPODA (LPIL)	0.20	0.0	0.20	0.14	0.07	0.4																				
6	BIVALVIA (LPIL)	0.20	1.22	1.02	0.81	0.31	2.6																				
1	HALACARIDAE (LPIL)	0.0	0.0	0.41	0.14	0.14	0.4																				
1	OSTRACODA (LPIL)	0.20	0.20	0.81	0.41	0.20	1.3																				
1	ECTINOSOMIDAE (LPIL)	0.0	0.61	0.61	0.41	0.20	1.3																				
1	DIOSACCIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.2																				
1	AMEIRIDAE (LPIL)	0.0	0.81	1.43	0.75	0.41	2.4																				

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

LS	TAXA	1	2	3	- X	S. E.	REL AB%
1	PARAMESOCHRIDAE (LPIL)	1.83	0.0	1.02	0.95	0.53	3.0
1	CYLINDROPSILIDAE (LPIL)	0.61	0.20	0.0	0.27	0.18	0.9
1	CLETODIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.2
1	LAOPHONTIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.2
14	HARPACTICOIDA (LPIL)	0.41	0.61	0.20	0.41	0.12	1.3
12	NAUPLIUS (LPIL)	0.61	0.20	1.63	0.81	0.42	2.6
1	SIPUNCULIDA (LPIL)	0.20	0.0	0.0	0.07	0.07	0.2
1	PRIAPULIDA (LPIL)	0.0	0.20	0.0	0.07	0.07	0.2
1	TARDIGRADA (LPIL)	0.61	1.63	0.61	0.95	0.34	3.0
TOTAL		34.83	27.09	33.00	31.64	2.34	100.0
DIVERSITY (H PRIME)		3.99	3.92	4.41	4.11	0.15	
DIVERSITY (J PRIME)		0.79	0.83	0.87	0.83	0.02	
NUMBER OF TAXA		33	27	33	43		

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2531 2532 2533

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC  
6 1 43 1 6233

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL		WIND		CURENT		TEMP			COND	DO	PH	SALN	P		
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP						DI	AIR
2571	2/28/77	2117	2	0.0	0	29.0	29.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	15.95	55	0.0	0	8.1	0.0	36.0	6
2572	2/28/77	2117	2	0.0	0	29.0	29.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	15.95	55	0.0	0	8.1	0.0	36.0	6
2573	2/28/77	2117	2	0.0	0	29.0	29.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	15.95	55	0.0	0	8.1	0.0	36.0	6

LS	TAXA				X	S.E.	ABX
		1	2	3			
1	CILIOPHORA (LPIL)	0.0	2.04	0.0	0.68	0.68	1.1
1	TURBELLARIA-(LPIL)	1.02	4.28	0.0	1.77	1.29	3.0
1	GASTROTRICHA (LPIL)	0.0	5.50	2.44	2.65	1.59	4.5
1	KINORHYNCHA (LPIL)	0.0	0.81	0.0	0.27	0.27	0.5
1	DESMOSCOLECIDAE(LPIL)	0.41	3.87	0.61	1.63	1.12	2.7
1	COMESOMATIDAE (LPIL)	0.20	0.20	1.02	0.48	0.27	0.8
1	CHROMODORIDAE (LPIL)	3.87	7.13	8.15	6.38	1.29	10.7
1	CYATHOLAIMIDAE (LPIL)	1.63	3.06	1.63	2.10	0.48	3.5
1	CHONIOLAIMIDAE (LPIL)	0.41	1.22	0.41	0.68	0.27	1.1
1	SELANCHONEMATIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
1	DRACONEMATIDAE (LPIL)	0.0	0.41	0.0	0.14	0.14	0.2
1	EPSILONEMATIDAE (LPIL)	0.20	0.20	0.0	0.14	0.07	0.2
1	RICHTERSIIDAE (LPIL)	0.20	1.22	0.20	0.54	0.34	0.9
1	MONOPOSTHIIDAE (LPIL)	2.44	3.87	0.41	2.24	1.00	3.8
1	CERAMONEMATIDAE (LPIL)	1.43	2.44	1.22	1.70	0.38	2.9
1	DESMODORIDAE (LPIL)	3.46	9.78	5.91	6.38	1.84	10.7
1	LEPTOLAIMIDAE (LPIL)	0.20	1.43	0.81	0.81	0.35	1.4
1	AXONOLAIMIDAE (LPIL)	1.02	1.63	2.44	1.70	0.41	2.9
1	LINHOMOEIDAE (LPIL)	0.61	0.20	0.81	0.54	0.18	0.9
1	MONHYSTERIDAE (LPIL)	5.09	7.74	10.19	7.67	1.47	12.9
1	OXYSTOMINIDAE (LPIL)	0.0	0.81	0.20	0.34	0.24	0.6
1	ENOPLIDAE (LPIL)	0.61	0.61	0.61	0.61	0.0	1.0
1	ONCHOLAIMIDAE (LPIL)	0.20	1.22	0.81	0.75	0.30	1.3
1	ENCHELIDIIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
6	NEMATODA (LPIL)	0.0	0.0	0.81	0.27	0.27	0.5
1	NEMATODA (LPIL)	0.20	1.02	0.41	0.54	0.24	0.9
6	POLYCHAETA (LPIL)	0.41	9.17	2.04	3.87	2.69	6.5
6	BIVALVIA (LPIL)	0.0	1.02	0.0	0.34	0.34	0.6
1	OSTRACODA (LPIL)	0.41	1.02	0.0	0.48	0.30	0.8
1	CYCLOPOIDA (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	LONGIPEDIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	CANUELLIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
1	ECTINOSOMIDAE (LPIL)	1.02	1.22	1.02	1.09	0.07	1.8
1	THALESTRIDAE (LPIL)	0.0	0.41	0.0	0.14	0.14	0.2
1	DIOSACCIDAE (LPIL)	1.02	1.22	1.63	1.29	0.18	2.2

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STATION REPORT

LS	TAXA	1	2	3	- X	S. E.	REL AB%
1	AMEIRIDAE (LPIL)	0.81	1.02	0.41	0.75	0.18	1.3
1	PARAMESOCHRIDAE (LPIL)	0.41	2.85	0.61	1.29	0.78	2.2
1	CYLINDROPSILIDAE (LPIL)	1.43	1.83	0.20	1.15	0.49	1.9
1	CLETODIDAE (LPIL)	0.41	0.20	0.0	0.20	0.12	0.3
14	HARPACTICOIDA (LPIL)	1.63	5.70	1.83	3.06	1.33	5.1
12	NAUPLIUS (LPIL)	3.26	5.30	1.22	3.26	1.18	5.5
1	PRIAPULIDA (LPIL)	0.61	1.83	0.0	0.81	0.54	1.4
1	TARDIGRADA (LPIL)	0.0	0.81	0.20	0.34	0.24	0.6
TOTAL		34.63	94.72	48.89	59.41	18.13	100.0
DIVERSITY (H PRIME)		4.23	4.61	3.97	4.27	0.19	
DIVERSITY (J PRIME)		0.87	0.87	0.81	0.85	0.02	
NUMBER OF TAXA		29	39	30	42		

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2571 2572 2573

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MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC

6 1 43 1 6243

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL				WIND		CURRENT			TEMP			COND	DO	PH	SALN	P
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR	WAT					
2611	3/ 1/77	414	2	0.0	0	32.0	32.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	18.95	20	0.0	0	7.8	0.0	36.3	6
2612	3/ 1/77	414	2	0.0	0	32.0	32.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	18.95	20	0.0	0	7.8	0.0	36.3	6
2613	3/ 1/77	414	2	0.0	0	32.0	32.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	18.95	20	0.0	0	7.8	0.0	36.3	6

LS TAXA

LS	TAXA	REL		
		X	S.E.	AB%
		1	2	3
1	CILIOPHORA (LPIL)	0.0	1.63	0.41
1	HYDROZOA (LPIL)	3.87	0.41	0.20
1	TURBELLARIA-(LPIL)	0.41	3.26	1.22
1	NEMERTINA (LPIL)	0.0	0.41	0.20
1	GASTROTRICHA (LPIL)	2.44	3.87	0.81
6	GASTROTRICHA (LPIL)	0.0	0.20	0.0
1	KINORHYNCHA (LPIL)	0.61	0.81	1.63
1	DESMOSCOLECIDAE (LPIL)	1.22	3.46	3.06
1	COMESOMATIDAE (LPIL)	1.22	0.41	0.61
1	CHROMODORIDAE (LPIL)	9.37	6.72	10.19
1	CYATHOLAIMIDAE (LPIL)	3.26	2.85	2.85
1	CHONIOLAIMIDAE (LPIL)	0.81	1.43	2.24
1	MEYLIIDAE (LPIL)	0.0	0.41	0.0
1	DRACONEMATIDAE (LPIL)	1.83	1.02	2.24
1	EPSILONEMATIDAE (LPIL)	2.24	3.06	2.44
1	RICHTERSIIDAE (LPIL)	0.0	0.20	0.0
1	MONOPOSTHIIDAE (LPIL)	2.65	1.02	1.22
1	CERAMONEMATIDAE (LPIL)	2.65	2.44	2.24
1	DESMODORIDAE (LPIL)	10.39	11.82	13.85
1	LEPTOLAIMIDAE (LPIL)	0.81	2.04	1.22
1	AXONOLAIMIDAE (LPIL)	2.85	1.83	1.43
1	LINHOMOEIDAE (LPIL)	1.63	1.83	1.63
1	MONHYSTERIDAE (LPIL)	8.96	6.93	7.54
1	OXYSTOMINIDAE (LPIL)	0.81	0.20	2.44
1	TRIPYLOIDIDAE (LPIL)	0.0	0.0	0.41
1	ANTICOMIDAE (LPIL)	0.0	0.20	0.20
1	ENOPLIDAE (LPIL)	0.20	1.22	1.22
1	RHABDODEMANIDAE (LPIL)	0.20	0.0	0.0
1	ONCHOLAIMIDAE (LPIL)	0.41	0.61	1.63
1	ENCHELIDIIDAE (LPIL)	0.20	0.41	0.20
6	NEMATODA (LPIL)	0.0	1.02	0.61
6	POLYCHAETA (LPIL)	4.69	2.65	3.06
1	OLIGOCHAETA (LPIL)	0.0	0.41	0.20
6	BIVALVIA (LPIL)	1.43	0.41	0.41
1	HALACARIDAE (LPIL)	0.0	1.02	2.24

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STATION REPORT

LS	TAXA	1	2	3	- X	S. E.	REL AB%
1	OSTRACODA (LPIL)	0.61	2.24	3.26	2.04	0.77	1.6
1	LONGIPEDIDAE (LPIL)	0.41	0.0	0.41	0.27	0.14	0.2
1	CANUELLIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
1	ECTINOSOMIDAE (LPIL)	0.61	1.43	0.61	0.88	0.27	0.7
1	THALESTRIDAE (LPIL)	0.0	0.41	0.61	0.34	0.18	0.3
1	DIOSACCIDAE (LPIL)	0.81	3.26	1.02	1.70	0.78	1.3
1	AMEIRIDAE (LPIL)	2.04	0.81	2.65	1.83	0.54	1.4
1	PARAMESOCHRIDAE (LPIL)	2.24	4.48	2.04	2.92	0.78	2.2
1	TETRAGONICIPITIDAE (LPIL)	0.41	0.0	0.0	0.14	0.14	0.1
1	CANTHOCAMPTIDAE (LPIL)	2.04	0.81	0.61	1.15	0.45	0.9
1	CYLINDROPSILIDAE (LPIL)	0.81	1.63	8.56	3.67	2.46	2.8
1	CLETODIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
1	LAOPHONTIDAE (LPIL)	0.41	0.20	0.0	0.20	0.12	0.2
14	HARPACTICOIDA (LPIL)	7.13	6.72	5.91	6.59	0.36	5.0
1	CAPRELLIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
12	NAUPLIUS (LPIL)	9.78	15.89	25.26	16.98	4.50	13.0
1	SIPUNCULIDA (LPIL)	0.41	0.0	0.0	0.14	0.14	0.1
1	PRIAPULIDA (LPIL)	0.0	1.02	0.0	0.34	0.34	0.3
1	TARDIGRADA (LPIL)	1.63	3.26	3.26	2.72	0.54	2.1
6	STELLEROIDEA (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
4	INVERTEBRATE (LPIL)	0.0	63.56	0.0	21.19	21.19	16.2
	TOTAL	94.72	172.34	124.26	130.44	22.62	100.0
	DIVERSITY (H PRIME)	4.54	3.93	4.43	4.30	0.19	
	DIVERSITY (J PRIME)	0.85	0.70	0.81	0.79	0.04	
	NUMBER OF TAXA	40	48	44	55		

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2611 2612 2613

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC  
6 1 43 1 6253

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL		WIND		CURENT		TEMP				COND	DO	PH	SALN	P
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI					
2641	3/ 1/77	912	1	0.0	0	39.0	39.0	0.0	0	600.0	7	0.0	0	0	0	0.0	18.17	56	0.0	0	6.6	0.0	35.5	6
2642	3/ 1/77	912	1	0.0	0	39.0	39.0	0.0	0	600.0	7	0.0	0	0	0.0	18.17	56	0.0	0	6.6	0.0	35.5	6	
2643	3/ 1/77	912	1	0.0	0	39.0	39.0	0.0	0	600.0	7	0.0	0	0	0.0	18.17	56	0.0	0	6.6	0.0	35.5	6	

LS	TAXA	REL		S. E.	ABX
		X			
		1	2	3	
1	CILIOPHORA (LPIL)	0.0	0.0	1.02	0.34
1	TURBELLARIA-(LPIL)	0.0	0.0	1.02	0.34
1	NEMERTINA (LPIL)	0.20	0.61	0.0	0.27
1	GASTROTRICHA (LPIL)	4.28	0.81	3.06	2.72
1	KINORHYNCHA (LPIL)	0.61	1.63	0.0	0.75
1	DESMOSCOLECIDAE(LPIL)	2.44	0.0	4.07	2.17
1	COMESOMATIDAE (LPIL)	0.81	0.20	0.20	0.41
1	CHROMODORIDAE (LPIL)	5.09	10.19	4.69	6.65
1	CYATHOLAIMIDAE (LPIL)	1.63	1.83	2.04	1.83
1	CHONIOLAIMIDAE (LPIL)	0.61	0.0	0.61	0.41
1	MEYLIIDAE (LPIL)	0.0	0.41	0.61	0.34
1	DRACONEMATIDAE (LPIL)	0.41	2.24	0.20	0.95
1	EPSILONEMATIDAE (LPIL)	0.41	0.41	2.44	1.09
1	RICHTERSIIDAE (LPIL)	0.41	0.0	0.0	0.14
1	MONOPOSTHIIDAE (LPIL)	0.81	0.41	0.41	0.54
1	CERAMONEMATIDAE (LPIL)	2.04	1.22	1.83	1.70
1	DESMODORIDAE (LPIL)	6.52	4.48	5.91	5.64
1	LEPTOLAIMIDAE (LPIL)	0.61	0.61	1.63	0.95
1	AXONOLAIMIDAE (LPIL)	0.41	0.41	0.20	0.34
1	LINHOMOEIDAE (LPIL)	1.22	0.20	0.41	0.61
1	MONHYSTERIDAE (LPIL)	6.11	2.85	4.89	4.62
1	OXYSTOMINIDAE (LPIL)	1.22	1.63	1.02	1.29
1	ANTICOMIDAE (LPIL)	0.20	0.20	0.0	0.14
1	ENOPLIDAE (LPIL)	0.61	0.0	0.0	0.20
1	ONCHOLAIMIDAE (LPIL)	0.0	0.0	0.20	0.07
1	ENCHELIDIIDAE (LPIL)	0.20	0.61	0.0	0.27
6	NEMATODA (LPIL)	0.20	0.0	0.61	0.27
1	NEMATODA (LPIL)	0.41	0.41	0.41	0.41
6	POLYCHAETA (LPIL)	2.04	2.24	2.04	2.10
1	OLIGOCHAETA (LPIL)	0.0	0.0	0.41	0.14
6	BIVALVIA (LPIL)	0.41	0.20	0.41	0.34
1	HALACARIDAE (LPIL)	0.0	0.0	0.41	0.14
1	OSTRACODA (LPIL)	0.20	0.81	1.83	0.95
1	CALANOIDA (LPIL)	0.20	0.0	0.07	0.07
1	CYCLOPOIDA (LPIL)	0.20	1.02	0.61	0.24

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STATION REPORT

LS	TAXA	1	2	3	- X	S.E.	REL AB%
1	LONGIPEDIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
1	CANUELLIDAE (LPIL)	0.20	0.0	0.20	0.14	0.07	0.2
1	ECTINOSOMIDAE (LPIL)	2.24	0.61	2.04	1.63	0.51	2.2
1	DIOSACCIDAE (LPIL)	4.89	2.85	3.67	3.80	0.59	5.1
1	AMEIRIDAE (LPIL)	2.65	1.22	2.24	2.04	0.42	2.7
1	PARAMESOCHRIDAE (LPIL)	0.81	0.61	1.63	1.02	0.31	1.4
1	TETRAGONICIPITIDAE (LPIL)	0.20	0.20	0.0	0.14	0.07	0.2
1	CANTHOCAMPTIDAE (LPIL)	2.44	1.83	0.81	1.70	0.48	2.3
1	CYLINDROPSILIDAE (LPIL)	0.61	0.0	0.41	0.34	0.18	0.5
1	CLETODIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
1	LAOPHONTIDAE (LPIL)	0.20	0.61	0.0	0.27	0.18	0.4
14	HARPACTICOIDA (LPIL)	7.94	8.76	5.50	7.40	0.98	9.9
1	HARPACTICOIDA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
12	NAUPLIUS (LPIL)	9.78	12.83	22.41	15.01	3.80	20.1
1	PRIAPULIDA (LPIL)	0.20	0.0	1.22	0.48	0.38	0.6
1	TARDIGRADA (LPIL)	0.41	0.0	2.04	0.81	0.62	1.1
77C 6	STELLEROIDEA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
	TOTAL	73.54	65.19	85.76	74.83	5.97	100.0
	DIVERSITY (H PRIME)	4.46	4.02	4.27	4.25	0.13	
	DIVERSITY (J PRIME)	0.82	0.80	0.81	0.81	0.01	
	NUMBER OF TAXA	43	33	39	50		

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2641 2642 2643

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC  
6 1 43 1 6263

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL			WIND		CURRENT		TEMP			COND	DO	PH	SALN	P		
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI						AIR	WAT
2681	3/ 1/77	1416	1	0.0	0	43.0	43.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	18.49	55	0.0	0	6.6	0.0	36.1	6
2682	3/ 1/77	1416	1	0.0	0	43.0	43.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	18.49	55	0.0	0	6.6	0.0	36.1	6
2683	3/ 1/77	1416	1	0.0	0	43.0	43.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	18.49	55	0.0	0	6.6	0.0	36.1	6

LS	TAXA	1		2		3		X	S.E.	REL AB%
		UNITS	C	UNITS	C	UNITS	C			
1	HYDROZOA (LPIL)	0.0		0.61		0.20		0.27	0.18	0.5
1	TURBELLARIA-(LPIL)	0.0		1.43		0.20		0.54	0.45	1.0
1	GASTROTRICHA (LPIL)	0.41		0.41		1.02		0.61	0.20	1.1
1	KINORHYNCHA (LPIL)	0.61		1.43		0.81		0.95	0.24	1.8
1	DESMOSCOLECIDAE (LPIL)	0.61		3.87		1.43		1.97	0.98	3.7
1	COMESOMATIDAE (LPIL)	0.41		0.20		0.20		0.27	0.07	0.5
1	CHROMODORIDAE (LPIL)	3.46		7.74		5.91		5.70	1.24	10.6
1	CYATHOLAIMIDAE (LPIL)	0.61		2.24		1.83		1.56	0.49	2.9
1	CHONIOLAIMIDAE (LPIL)	1.22		0.0		0.0		0.41	0.41	0.8
1	DRACONEMATIDAE (LPIL)	0.20		3.26		2.44		1.97	0.91	3.7
1	EPSILONEMATIDAE (LPIL)	0.20		2.44		1.63		1.43	0.65	2.6
1	CERAMONEMATIDAE (LPIL)	0.0		0.61		0.41		0.34	0.18	0.6
1	DESMODORIDAE (LPIL)	4.28		3.26		3.67		3.73	0.30	6.9
1	LEPTOLAIMIDAE (LPIL)	0.0		0.20		0.20		0.14	0.07	0.3
1	AXONOLAIMIDAE (LPIL)	0.0		0.41		0.20		0.20	0.12	0.4
1	LINHOMOEIDAE (LPIL)	0.81		0.20		1.22		0.75	0.30	1.4
1	MONHYSTERIDAE (LPIL)	1.22		2.85		2.04		2.04	0.47	3.8
1	OXYSTOMINIDAE (LPIL)	0.0		0.41		0.41		0.27	0.14	0.5
1	ENOPLIDAE (LPIL)	0.41		0.20		0.0		0.20	0.12	0.4
1	RHABDODEMANIDAE (LPIL)	0.0		0.41		0.0		0.14	0.14	0.3
1	ENCHELIDIIDAE (LPIL)	0.20		0.20		0.20		0.20	0.0	0.4
6	NEMATODA (LPIL)	0.0		0.41		0.14		0.14	0.14	0.3
1	NEMATODA (LPIL)	0.20		0.41		0.61		0.41	0.12	0.8
6	POLYCHAETA (LPIL)	2.04		5.09		4.69		3.94	0.96	7.3
1	OLIGOCHAETA (LPIL)	0.0		0.0		0.41		0.14	0.14	0.3
1	POLYPLACOPHORA (LPIL)	0.0		0.20		0.0		0.07	0.07	0.1
6	BIVALVIA (LPIL)	0.0		0.20		0.20		0.14	0.07	0.3
1	HALACARIDAE	0.0		0.61		0.0		0.20	0.20	0.4
1	OSTRACODA (LPIL)	0.0		2.65		0.20		0.95	0.85	1.8
1	CYCLOPOIDA (LPIL)	0.41		0.61		1.02		0.68	0.18	1.3
1	LONGIPEDIDAE (LPIL)	0.0		0.20		0.0		0.07	0.07	0.1
1	CANUELLIDAE (LPIL)	0.0		0.0		0.20		0.07	0.07	0.1
1	ECTINOSOMIDAE (LPIL)	1.22		1.43		1.22		1.29	0.07	2.4
1	TACHIDIIDAE (LPIL)	0.0		0.0		0.20		0.07	0.07	0.1
1	HARPACTICIDAE (LPIL)	0.0		0.20		0.20		0.14	0.07	0.3

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LS	TAXA	1	2	3	X	S. E.	REL AB%
1	TISBIDAE (LPIL)	0.0	0.20	0.20	0.14	0.07	0.3
1	THALESTRIDAE (LPIL)	0.61	0.0	0.20	0.27	0.18	0.5
1	DIOSACCIDAE (LPIL)	2.65	2.85	3.46	2.99	0.24	5.5
1	AMEIRIDAE (LPIL)	1.63	0.61	1.63	1.29	0.34	2.4
1	PARAMESOCHRIDAE (LPIL)	0.41	2.04	0.81	1.09	0.49	2.0
1	TETRAGONICIPITIDAE (LPIL)	0.41	0.0	0.0	0.14	0.14	0.3
1	CANTHOCAMPTIDAE (LPIL)	0.41	0.0	0.81	0.41	0.24	0.8
1	CYLINDROPSILIDAE (LPIL)	0.41	0.61	0.20	0.41	0.12	0.8
1	LAOPHONTIDAE (LPIL)	0.0	1.22	1.02	0.75	0.38	1.4
1	ANCORABOLIDAE (LPIL)	0.0	0.41	0.20	0.20	0.12	0.4
14	HARPACTICOIDA (LPIL)	2.24	5.30	4.07	3.87	0.89	7.2
1	HARPACTICOIDA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
6	ISOPODA (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
6	AMPHIPODA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
12	NAUPLIUS (LPIL)	3.87	12.63	12.02	9.51	2.82	17.7
1	SIPUNCULIDA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
1	PRIAPULIDA (LPIL)	0.0	0.61	0.0	0.20	0.20	0.4
1	TARDIGRADA (LPIL)	0.0	0.41	0.20	0.20	0.12	0.4
6	STELLEROIDEA (LPIL)	0.0	0.41	0.0	0.14	0.14	0.3
	TOTAL	31.17	71.91	58.46	53.85	11.99	100.0
	DIVERSITY (H PRIME)	4.15	4.46	4.33	4.31	0.09	
	DIVERSITY (J PRIME)	0.87	0.82	0.80	0.83	0.02	
	NUMBER OF TAXA	27	43	42	52		

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC

6 1 43 1 6373

SID	DATE	TIME	D/N	DURATION			TOW				SAMP VOL				WIND		CURRENT			TEMP		BT	TURBD	COND	DO	PH	SALN	P
				UNITS	C	SD	WD	SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR	WAT							
2711	3/ 1/77	1758	1	0.0	0	149.0	149.0	0.0	0	600.0	7	0.0	0	0	0	0	0.0	0	0.0	0.0	77	0.0	0	4.6	0.0	35.3	6	
2712	3/ 1/77	1758	1	0.0	0	149.0	149.0	0.0	0	600.0	7	0.0	0	0	0	0	0.0	0	0.0	0.0	77	0.0	0	4.6	0.0	35.3	6	
2713	3/ 1/77	1758	1	0.0	0	149.0	149.0	0.0	0	600.0	7	0.0	0	0	0	0	0.0	0	0.0	0.0	77	0.0	0	4.6	0.0	35.3	6	

LS	TAXA	1	2	3	X	S.E.	REL ABX
1	CILIOPHORA (LPIL)	1.83	0.0	0.41	0.75	0.56	0.5
1	TURBELLARIA-(LPIL)	2.24	0.0	0.0	0.75	0.75	0.5
1	PLATYHELMINTHES (LPIL)	0.0	0.0	3.06	1.02	1.02	0.7
1	GASTROTRICHA (LPIL)	2.44	0.0	3.46	1.97	1.03	1.4
1	KINORHYNCHA (LPIL)	1.43	0.41	1.83	1.22	0.42	0.9
1	DESMOSCOLECIDAE(LPIL)	8.56	1.22	5.70	5.16	2.13	3.7
1	COMESOMATIDAE (LPIL)	24.44	10.19	8.56	14.40	5.05	10.3
1	CHROMODORIDAE (LPIL)	15.07	1.43	10.19	8.90	3.99	6.4
1	CYATHOLAIMIDAE (LPIL)	4.07	1.02	6.31	3.80	1.53	2.7
1	CHONIOLAIMIDAE (LPIL)	0.41	0.0	0.0	0.14	0.14	0.1
247	1	1	1	1	1	1	1
1	RICHTERSIIDAE (LPIL)	7.33	0.61	9.37	5.77	2.65	4.1
1	CERAMONEMATIDAE (LPIL)	3.67	0.20	2.44	2.10	1.01	1.5
1	DESMODORIDAE (LPIL)	32.19	8.35	30.76	23.77	7.72	17.1
1	LEPTOLAIMIDAE (LPIL)	2.44	1.02	0.61	1.36	0.56	1.0
1	AXONOLAIMIDAE (LPIL)	7.33	0.41	3.87	3.87	2.00	2.8
1	LINHOMOEIDAE (LPIL)	12.83	12.02	12.63	12.49	0.24	9.0
1	MONHYSTERIDAE (LPIL)	23.22	11.00	24.44	19.56	4.29	14.0
1	OXYSTOMINIDAE (LPIL)	3.87	2.24	0.81	2.31	0.88	1.7
1	ANTICOMIDAE (LPIL)	0.0	0.20	0.61	0.27	0.18	0.2
1	ENOPLIDAE (LPIL)	1.02	0.20	0.81	0.68	0.24	0.5
1	ONCHOLAIMIDAE (LPIL)	0.0	0.20	0.61	0.27	0.18	0.2
6	NEMATODA (LPIL)	2.65	0.81	2.44	1.97	0.58	1.4
1	NEMATODA (LPIL)	5.09	0.81	2.44	2.78	1.25	2.0
6	POLYCHAETA (LPIL)	4.28	0.41	3.46	2.72	1.18	2.0
1	OLIGOCHAETA (LPIL)	1.02	0.0	3.26	1.43	0.96	1.0
6	BIVALVIA (LPIL)	0.0	0.20	0.0	0.07	0.07	0.0
1	OSTRACODA (LPIL)	0.41	0.0	0.81	0.41	0.24	0.3
1	ECTINOSOMIDAE (LPIL)	1.02	0.81	1.22	1.02	0.12	0.7
1	THALESTRIDAE (LPIL)	0.41	0.0	0.61	0.34	0.18	0.2
1	DIOSACCIDAE (LPIL)	0.61	0.20	0.61	0.48	0.14	0.3
1	AMEIRIDAE (LPIL)	0.81	0.20	0.20	0.41	0.20	0.3
1	PARAMESOCHRIDAE (LPIL)	0.0	1.02	0.0	0.34	0.34	0.2
1	CANTHOCAMPTIDAE (LPIL)	0.61	0.61	0.0	0.41	0.20	0.3
1	CLETODIDAE (LPIL)	1.63	1.83	1.83	1.77	0.07	1.3
14	HARPACTICOIDA (LPIL)	1.83	3.87	3.46	3.06	0.62	2.2

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LS	TAXA				-		REL
		1	2	3	X	S.E.	AB%
6	ISOPODA (LPIL)	0.20	0.0	0.0	0.07	0.07	0.0
12	NAUPLIUS (LPIL)	6.31	13.44	12.02	10.59	2.18	7.6
1	PRIAPULIDA (LPIL)	0.81	0.0	1.02	0.61	0.31	0.4
1	TARDIGRADA (LPIL)	0.41	0.0	0.41	0.27	0.14	0.2
TOTAL		182.52	74.96	160.32	139.27	32.78	100.0
DIVERSITY (H PRIME)		4.03	3.57	4.04	3.88	0.16	
DIVERSITY (J PRIME)		0.80	0.75	0.81	0.79	0.02	
NUMBER OF TAXA		33	27	32	38		

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2711 2712 2713

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BENTHIC MICROINFAUNA

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STATION REPORT

PC TC GC S LOC  
6 1 43 1 6383

SID	DATE	TIME	D/N	DURATION				TOW				SAMP VOL				WIND			CURRENT			TEMP		BT	TURBD	COND	DO	PH	SALN	P
				UNITS	C	SD	WD	SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR	WAT									
2741	3/ 2/77	107	2	0.0	0	460.0	460.0	0.0	0	600.0	7	0.0	0	0	0	0	0.0	0.0	54	0.0	0	4.5	0.0	34.9	6					
2742	3/ 2/77	107	2	0.0	0	460.0	460.0	0.0	0	600.0	7	0.0	0	0	0	0	0.0	0.0	54	0.0	0	4.5	0.0	34.9	6					
LS	TAXA																		-	X		S.E.		REL						
								1				2																		
1	TURBELLARIA-(LPIL)							0.20				0.0						0.10				0.10		11.1						
1	DESMOSCOLECIDAE(LPIL)							0.0				0.20						0.10				0.10		11.1						
1	CHROMODORIDAE (LPIL)							0.20				0.0						0.10				0.10		11.1						
1	CYATHOLAIMIDAE (LPIL)							0.20				0.0						0.10				0.10		11.1						
1	DESMODORIDAE (LPIL)							0.20				0.20						0.20				0.0		22.2						
1	AXONOLAIMIDAE (LPIL)							0.0				0.20						0.10				0.10		11.1						
1	NEMATODA (LPIL)							0.0				0.41						0.20				0.20		22.2						
TOTAL								0.81				1.02						0.92				0.10		100.0						
DIVERSITY (H PRIME)								2.00				1.92						1.96				0.04								
DIVERSITY (J PRIME)								1.00				0.96						0.98				0.02								
NUMBER OF TAXA								4				4						7												

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2741 2742

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BENTHIC MICROINFAUNA

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TRANSECT REPORT

LS	TAXA	11 25	12 26	23 37	24 38	- X	S. E.	REL ABX
1	CILIOPHORA (LPIL)	1.56 0.34	0.0 0.0	0.68 0.75	0.68 0.0	0.50	0.19	0.8
1	HYDROZOA (LPIL)	0.0 0.0	0.0 0.27	0.0 0.0	1.49 0.0	0.22	0.18	0.3
1	TURBELLARIA-(LPIL)	2.04 0.34	0.75 0.54	1.77 0.75	1.63 0.10	0.99	0.25	1.5
1	PLATYHELMINTHES (LPIL)	0.0 0.0	0.0 0.0	0.0 1.02	0.0 0.0	0.13	0.13	0.2
1	NEMERTINA (LPIL)	0.0 0.27	0.0 0.0	0.0 0.0	0.20 0.0	0.06	0.04	0.1
250 1	GASTROTRICHA (LPIL)	0.14 2.72	1.90 0.61	2.65 1.97	2.38 0.0	1.54	0.40	2.4
6	GASTROTRICHA (LPIL)	0.0 0.0	0.0 0.0	0.0 0.0	0.07 0.0	0.01	0.01	0.0
1	KINORHYNCHA (LPIL)	0.0 0.75	0.0 0.95	0.27 1.22	1.02 0.0	0.53	0.18	0.8
1	DESMOSCOLECIDAE(LPIL)	0.41 2.17	0.54 1.97	1.63 5.16	2.58 0.10	1.82	0.57	2.8
1	COMESOMATIDAE (LPIL)	3.67 0.41	0.81 0.27	0.48 14.40	0.75 0.0	2.60	1.73	4.0
1	CHROMODORIDAE (LPIL)	1.56 6.65	2.38 5.70	6.38 8.90	8.76 0.10	5.05	1.17	7.7
1	CYATHOLAIMIDAE (LPIL)	0.34 1.83	0.48 1.56	2.10 3.80	2.99 0.10	1.65	0.47	2.5
1	CHONIOLAIMIDAE (LPIL)	0.0 0.41	0.14 0.41	0.68 0.14	1.49 0.0	0.41	0.18	0.6
1	SELANCHONEMATIDAE (LPIL)	0.0 0.0	0.14 0.0	0.07 0.0	0.0 0.0	0.03	0.02	0.0

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LS	TAXA					-	S. E.	REL AB%
		11 25	12 26	23 37	24 38	X		
1	MEYLIIDAE (LPIL)	0.0 0.34	0.07 0.0	0.0 0.0	0.14 0.0	0.07	0.04	0.1
1	DRACONEMATIDAE (LPIL)	0.0 0.95	0.14 1.97	0.14 0.0	1.70 0.0	0.61	0.29	0.9
1	EPSILONEMATIDAE (LPIL)	0.0 1.09	0.95 1.43	0.14 0.0	2.58 0.0	0.77	0.33	1.2
1	RICHTERSIIDAE (LPIL)	1.29 0.14	0.20 0.0	0.54 5.77	0.07 0.0	1.00	0.70	1.5
1	MONOPOSTHIIDAE (LPIL)	0.0 0.54	0.07 0.0	2.24 0.0	1.63 0.0	0.56	0.31	0.9
1	CERAMONEMATIDAE (LPIL)	0.07 1.70	0.61 0.34	1.70 2.10	2.44 0.0	1.12	0.34	1.7
251 1	DESMODORIDAE (LPIL)	2.85 5.64	8.35 3.73	6.38 23.77	12.02 0.20	7.87	2.60	12.0
1	LEPTOLAIMIDAE (LPIL)	0.81 0.95	1.22 0.14	0.81 1.36	1.36 0.0	0.83	0.18	1.3
1	CAMACOLAIMIDAE (LPIL)	0.07 0.0	0.07 0.0	0.0 0.0	0.0 0.0	0.02	0.01	0.0
1	AXONOLAIMIDAE (LPIL)	0.75 0.34	1.02 0.20	1.70 3.87	2.04 0.10	1.25	0.45	1.9
1	LINHOMOEIDAE (LPIL)	5.91 0.61	0.54 0.75	0.54 12.49	1.70 0.0	2.82	1.53	4.3
1	MONHYSTERIDAE (LPIL)	5.98 4.62	1.02 2.04	7.67 19.56	7.81 0.0	6.09	2.19	9.3
1	OXYSTOMINIDAE (LPIL)	0.07 1.29	0.75 0.27	0.34 2.31	1.15 0.0	0.77	0.28	1.2
1	TRIPYLOIDIDAE (LPIL)	0.0 0.0	0.0 0.0	0.0 0.0	0.14 0.0	0.02	0.02	0.0

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA					- X	S. E.	REL AB%
		11 25	12 26	23 37	24 38			
1	ANTICOMIDAE (LPIL)	0.0 0.14	0.0 0.0	0.0 0.27	0.14 0.0	0.07	0.04	0.1
1	ENOPLIDAE (LPIL)	0.0 0.20	0.14 0.20	0.61 0.68	0.88 0.0	0.34	0.12	0.5
1	RHABDODEMANIDAE (LPIL)	0.0 0.0	0.07 0.14	0.0 0.0	0.07 0.0	0.03	0.02	0.1
1	ONCHOLAIMIDAE (LPIL)	0.68 0.07	0.07 0.0	0.75 0.27	0.88 0.0	0.34	0.13	0.5
1	ENCHELIDIIDAE (LPIL)	0.0 0.27	0.0 0.20	0.07 0.0	0.27 0.0	0.10	0.04	0.2
6	NEMATODA (LPIL)	0.75 0.27	0.34 0.14	0.27 1.97	0.54 0.0	0.53	0.22	0.8
1	NEMATODA (LPIL)	0.68 0.41	0.27 0.41	0.54 2.78	0.0 0.20	0.66	0.31	1.0
6	POLYCHAETA (LPIL)	0.07 2.10	1.70 3.94	3.87 2.72	3.46 0.0	2.23	0.56	3.4
1	OLIGOCHAETA (LPIL)	0.0 0.14	0.54 0.14	0.0 1.43	0.20 0.0	0.31	0.17	0.5
6	GASTROPODA (LPIL)	0.0 0.0	0.14 0.0	0.0 0.0	0.0 0.0	0.02	0.02	0.0
1	POLYPLACOPHORA (LPIL)	0.0 0.0	0.0 0.07	0.0 0.0	0.0 0.0	0.01	0.01	0.0
6	BIVALVIA (LPIL)	0.20 0.34	0.81 0.14	0.34 0.07	0.75 0.0	0.33	0.11	0.5
1	HALACARIDAE	0.0 0.0	0.0 0.20	0.0 0.0	0.0 0.0	0.03	0.03	0.0
1	HALACARIDAE (LPIL)	0.0 0.14	0.14 0.0	0.0 0.0	1.09 0.0	0.17	0.13	0.3

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 26	23 37	24 38	- X	S. E.	REL AB%
1	OSTRACODA (LPIL)	0.07 0.95	0.41 0.95	0.48 0.41	2.04 0.0	0.66	0.23	1.0
1	CALANOIDA (LPIL)	0.0 0.07	0.0 0.0	0.0 0.0	0.0 0.0	0.01	0.01	0.0
1	CYCLOPOIDA (LPIL)	0.0 0.61	0.0 0.68	0.07 0.0	0.0 0.0	0.17	0.10	0.3
1	LONGIPEDIDAE (LPIL)	0.0 0.07	0.0 0.07	0.07 0.0	0.27 0.0	0.06	0.03	0.1
1	CANUELLIDAE (LPIL)	0.0 0.14	0.0 0.07	0.07 0.0	0.07 0.0	0.04	0.02	0.1
1	ECTINOSOMIDAE (LPIL)	0.0 1.63	0.41 1.29	1.09 1.02	0.88 0.0	0.79	0.21	1.2
1	TACHIDIIDAE (LPIL)	0.0 0.0	0.0 0.07	0.0 0.0	0.0 0.0	0.01	0.01	0.0
1	HARPACTICIDAE (LPIL)	0.0 0.0	0.0 0.14	0.0 0.0	0.0 0.0	0.02	0.02	0.0
1	TISBIDAE (LPIL)	0.0 0.0	0.0 0.14	0.0 0.0	0.0 0.0	0.02	0.02	0.0
1	THALESTRIDAE (LPIL)	0.0 0.0	0.0 0.27	0.14 0.34	0.34 0.0	0.14	0.06	0.2
1	DIOSACCIDAE (LPIL)	0.0 3.80	0.07 2.99	1.29 0.48	1.70 0.0	1.29	0.51	2.0
1	AMEIRIDAE (LPIL)	0.0 2.04	0.75 1.29	0.75 0.41	1.83 0.0	0.88	0.27	1.4
1	PARAMESOCHRIDAE (LPIL)	0.0 1.02	0.95 1.09	1.29 0.34	2.92 0.0	0.95	0.33	1.5
1	TETRAGONICIPITIDAE (LPIL)	0.0 0.14	0.0 0.14	0.0 0.0	0.14 0.0	0.05	0.02	0.1

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## BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

## TRANSECT REPORT

LS	TAXA					-	S. E.	REL AB%
		11 25	12 26	23 37	24 38	X		
1	CANTHOCAMPTIDAE (LPIL)	0.0 1.70	0.0 0.41	0.0 0.41	1.15 0.0	0.46	0.23	0.7
1	CYLINDROPSILIDAE (LPIL)	0.0 0.34	0.27 0.41	1.15 0.0	3.67 0.0	0.73	0.44	1.1
1	CLETODIDAE (LPIL)	0.0 0.07	0.07 0.0	0.20 1.77	0.07 0.0	0.27	0.21	0.4
1	LAOPHONTIDAE (LPIL)	0.0 0.27	0.07 0.75	0.0 0.0	0.20 0.0	0.16	0.09	0.2
1	ANCORABOLIDAE (LPIL)	0.0 0.0	0.0 0.20	0.0 0.0	0.0 0.0	0.03	0.03	0.0
14	HARPACTICOIDA (LPIL)	0.0 7.40	0.41 3.87	3.06 3.06	6.59 0.0	3.05	1.02	4.7
254 1	HARPACTICOIDA (LPIL)	0.0 0.07	0.0 0.07	0.0 0.0	0.0 0.0	0.02	0.01	0.0
6	ISOPODA (LPIL)	0.0 0.0	0.0 0.07	0.0 0.07	0.0 0.0	0.02	0.01	0.0
1	CAPRELLIDAE (LPIL)	0.0 0.0	0.0 0.0	0.0 0.0	0.07 0.0	0.01	0.01	0.0
6	AMPHIPODA (LPIL)	0.0 0.0	0.0 0.07	0.0 0.0	0.0 0.0	0.01	0.01	0.0
12	NAUPLIUS (LPIL)	0.14 15.01	0.81 9.51	3.26 10.59	16.98 0.0	7.04	2.43	10.8
1	SIPUNCULIDA (LPIL)	0.0 0.0	0.07 0.07	0.0 0.0	0.14 0.0	0.03	0.02	0.1
1	PRIAPULIDA (LPIL)	1.56 0.48	0.07 0.20	0.81 0.61	0.34 0.0	0.51	0.18	0.8
1	TARDIGRADA (LPIL)	0.0 0.81	0.95 0.20	0.34 0.27	2.72 0.0	0.66	0.32	1.0

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MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 26	23 37	24 38	- X	S. E.	REL ABX
6	STELLEROIDEA (LPIL)	0.0 0.07	0.0 0.14	0.0 0.0	0.07 0.0	0.03	0.02	0.1
4	INVERTEBRATE (LPIL)	0.0 0.0	0.0 0.0	0.0 0.0	21.19 0.0	2.65	2.65	4.1
1	ARCHIANNELIDA	0.41 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.05	0.05	0.1
TOTAL		32.05 74.83	31.64 53.85	59.41 139.27	130.44 0.92	65.30	17.09	100.0
DIVERSITY (H PRIME)		3.37 4.25	4.11 4.31	4.27 3.88	4.30 1.96	3.81	0.29	
$\frac{D}{n}$ DIVERSITY (J PRIME)		0.81 0.81	0.83 0.83	0.85 0.79	0.79 0.98	0.84	0.02	
NUMBER OF TAXA		24 50	43 52	42 38	55 7	70		

ABOVE COMPUTED USING SAMPLE IDS

2501	2502	2503	2531
2532	2533	2571	2572
2573	2611	2612	2613
2641	2642	2643	2681
2682	2683	2711	2712
2713	2741	2742	

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STATION REPORT

PC TC GC S LOC  
6 1 43 1 7113

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL			WIND		CURRENT			TEMP			COND	DO	PH	SALN	P	
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR						WAT
2761	3/ 4/77	753	1	0.0	0	20.0	20.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	14.06	30	0.0	0	8.1	0.0	35.0	6
2762	3/ 4/77	753	1	0.0	0	20.0	20.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	14.06	30	0.0	0	8.1	0.0	35.0	6	
2763	3/ 4/77	753	1	0.0	0	20.0	20.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	14.06	30	0.0	0	8.1	0.0	35.0	6	

LS	TAXA	REL		
		X	S.E.	ABX
		1	2	3
1	COMESOMATIDAE (LPIL)	7.74	7.33	11.00
1	CHROMODORIDAE (LPIL)	2.65	4.69	2.44
1	CYATHOLAIMIDAE (LPIL)	0.41	0.20	0.0
1	SELANCHONEMATIDAE (LPIL)	0.0	0.20	0.0
1	DESMODORIDAE (LPIL)	0.81	0.81	0.41
1	AXONOLAIMIDAE (LPIL)	0.61	0.0	0.0
1	LINHOMOEIDAE (LPIL)	4.07	9.57	5.50
1	MONHYSTERIDAE (LPIL)	3.87	6.72	4.89
1	OXYSTOMINIDAE (LPIL)	0.81	1.43	0.20
1	ENOPLIDAE (LPIL)	0.0	0.61	0.20
1	DNCHOLAIMIDAE (LPIL)	0.81	0.20	0.20
1	ENCHELIDIIDAE (LPIL)	0.20	0.0	0.0
6	NEMATODA (LPIL)	0.41	0.61	0.0
1	NEMATODA (LPIL)	0.61	0.0	1.22
6	POLYCHAETA (LPIL)	0.20	0.0	0.0
6	CEPHALOPODA (LPIL)	0.0	0.20	0.0
1	ECTINOSOMIDAE (LPIL)	0.20	0.41	1.22
1	DIOSACCIDAE (LPIL)	0.0	0.20	0.0
1	AMEIRIDAE (LPIL)	0.61	0.81	0.41
1	CLETODIDAE (LPIL)	0.0	0.41	0.0
14	HARPACTICOIDA (LPIL)	0.0	0.20	0.20
1	HARPACTICOIDA (LPIL)	0.0	0.20	0.0
12	NAUPLIUS (LPIL)	0.0	0.0	0.20
	TOTAL	24.04	34.83	28.11
	DIVERSITY (H PRIME)	2.97	2.92	2.56
	DIVERSITY (J PRIME)	0.78	0.71	0.69
	NUMBER OF TAXA	14	17	13

ABOVE COMPUTED USING SAMPLE IDS  
2761 2762 2763

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

## STATION REPORT

PC TC GC J LOC  
6 1 43 1 7123

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL			WIND		CURRENT		TEMP			COND	DO	PH	SALN	P		
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI						AIR	WAT
2801	3/ 4/77	502	2	0.0	0	21.0	21.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	14.43	20	0.0	0	8.1	0.0	35.1	6
2802	3/ 4/77	502	2	0.0	0	21.0	21.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	14.43	20	0.0	0	8.1	0.0	35.1	6	
2803	3/ 4/77	502	2	0.0	0	21.0	21.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	14.43	20	0.0	0	8.1	0.0	35.1	6	

LS	TAXA	X			S.E.	REL AB%
		1	2	3		
1	GASTROTRICHA (LPIL)	0.0	0.0	0.20	0.07	0.07 0.3
1	DESMOSCOLECIDAE (LPIL)	0.20	0.0	0.41	0.20	0.12 0.9
1	COMESOMATIDAE (LPIL)	0.61	0.81	1.63	1.02	0.31 4.6
1	CHROMODORIDAE (LPIL)	4.28	0.41	8.15	4.28	2.23 19.4
1	CYATHOLAIMIDAE (LPIL)	2.04	0.41	1.63	1.36	0.49 6.2
1	CHONIOLAIMIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07 0.3
1	DRACONEMATIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07 0.3
1	EPSILONEMATIDAE (LPIL)	0.20	0.20	0.0	0.14	0.07 0.6
1	MONOPOSTHIIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07 0.3
1	CERAMONEMATIDAE (LPIL)	0.61	0.81	0.20	0.54	0.18 2.5
1	DESMODORIDAE (LPIL)	3.26	1.43	7.74	4.14	1.88 18.8
257	LEPTOLAIMIDAE (LPIL)	0.0	0.20	0.61	0.27	0.18 1.2
1	AXONOLAIMIDAE (LPIL)	1.22	0.20	0.61	0.68	0.30 3.1
1	LINHOMOEIDAE (LPIL)	1.02	0.61	0.20	0.61	0.24 2.8
1	MONHYSTERIDAE (LPIL)	3.67	3.26	2.65	3.19	0.30 14.5
1	OXYSTOMINIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07 0.3
1	ENOPLIDAE (LPIL)	0.61	0.0	0.20	0.27	0.18 1.2
1	RHABDODEMANIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07 0.3
1	ONCHOLAIMIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07 0.3
1	NEMATODA (LPIL)	0.41	0.20	0.61	0.41	0.12 1.9
6	POLYCHAETA (LPIL)	0.20	0.0	1.02	0.41	0.31 1.9
6	BIVALVIA (LPIL)	0.0	0.61	0.20	0.27	0.18 1.2
1	CYCLOPOIDA (LPIL)	0.0	0.0	0.20	0.07	0.07 0.3
1	LONGIPEDIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07 0.3
1	ECTINOSOMIDAE (LPIL)	1.43	0.0	0.41	0.61	0.42 2.8
1	DIOSACCIDAE (LPIL)	0.41	0.41	0.41	0.41	0.0 1.9
1	AMEIRIDAE (LPIL)	0.20	0.20	0.20	0.20	0.0 0.9
1	PARAMESOCHRIDAE (LPIL)	1.22	1.22	0.41	0.95	0.27 4.3
1	TETRAGONICIPITIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07 0.3
1	CYLINDROPSILIDAE (LPIL)	0.20	0.0	0.41	0.20	0.12 0.9
1	LAOPHONTIDAE (LPIL)	0.20	0.20	0.0	0.14	0.07 0.6
14	HARPACTICOIDA (LPIL)	1.02	0.20	0.81	0.68	0.24 3.1
12	NAUPLIUS (LPIL)	0.0	0.41	0.0	0.14	0.14 0.6
1	PRIAPULIDA (LPIL)	0.41	0.20	0.0	0.20	0.12 0.9
TOTAL		24.24	12.43	29.33	22.00	5.01 100.0

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STATION REPORT

LS	TAXA	1	2	3	- X	S.E.	REL AB%
DIVERSITY (H PRIME)		3.88	3.76	3.33	3.66	0.17	
DIVERSITY (J PRIME)		0.84	0.86	0.73	0.81	0.04	
NUMBER OF TAXA		25	21	24	34		

ABOVE COMPUTED USING SAMPLE IDS  
2801 2802 2803

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC  
6 1 43 1 7233

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL		WIND		CURRENT		TEMP			COND	DO	PH	SALN	P	
				UNITS	C			SP	D	UNITS	C	SECH	WT	SC	DI	CL	SP	DI						AIR
2841	3/ 4/77	1315	1	0.0	0	19.5	19.5	0.0	0	600.0	7	0.0	0	0	0	0.0	17.51	55	0.0	0	7.9	0.0	36.2	6
2842	3/ 4/77	1315	1	0.0	0	19.5	19.5	0.0	0	600.0	7	0.0	0	0	0	0.0	17.51	55	0.0	0	7.9	0.0	36.2	6
2843	3/ 4/77	1315	1	0.0	0	19.5	19.5	0.0	0	600.0	7	0.0	0	0	0	0.0	17.51	55	0.0	0	7.9	0.0	36.2	6

LS	TAXA	REL			S.E.	ABX	
		1	2	3			
1	TURBELLARIA-(LPIL)	0.0	0.81	0.0	0.27	0.27	0.3
1	NEMERTINA (LPIL)	0.20	0.0	0.20	0.14	0.07	0.1
1	GASTROTRICHA (LPIL)	5.09	5.70	2.24	4.35	1.07	4.5
1	KINORHYNCHA (LPIL)	1.22	1.02	0.0	0.75	0.38	0.8
1	DESMOSCOLECIDAE(LPIL)	0.81	3.06	0.81	1.56	0.75	1.6
1	COMESOMATIDAE (LPIL)	0.81	1.22	0.0	0.68	0.36	0.7
1	CHROMODORIDAE (LPIL)	11.82	15.69	4.69	10.73	3.22	11.0
1	CYATHOLAIMIDAE (LPIL)	4.48	8.35	3.06	5.30	1.58	5.4
1	CHONOLAIMIDAE (LPIL)	1.43	2.85	1.22	1.83	0.51	1.9
1	SELANCHONEMATIDAE (LPIL)	0.20	0.41	0.0	0.20	0.12	0.2
1	MEYLIIDAE (LPIL)	0.20	1.22	0.0	0.48	0.38	0.5
1	DRACONEMATIDAE (LPIL)	0.61	0.41	0.41	0.48	0.07	0.5
1	EPSILONEMATIDAE (LPIL)	1.63	2.65	0.81	1.70	0.53	1.7
1	RICHTERSIIDAE (LPIL)	0.0	0.20	0.41	0.20	0.12	0.2
1	MONOPOSTHIIDAE (LPIL)	0.81	3.06	1.83	1.90	0.65	1.9
1	CERAMONEMATIDAE (LPIL)	2.04	2.44	1.43	1.97	0.30	2.0
1	DESMODORIDAE (LPIL)	10.39	19.15	7.13	12.22	3.59	12.5
1	LEPTOLAIMIDAE (LPIL)	0.81	2.24	0.41	1.15	0.56	1.2
1	AXONOLAIMIDAE (LPIL)	1.63	1.22	1.22	1.36	0.14	1.4
1	LINHOMOEIDAE (LPIL)	0.61	3.06	2.44	2.04	0.73	2.1
1	MONHYSTERIDAE (LPIL)	5.70	14.46	6.72	8.96	2.77	9.2
1	OXYSTOMINIDAE (LPIL)	1.02	0.81	0.41	0.75	0.18	0.8
1	ENOPLIDAE (LPIL)	1.63	0.61	1.43	1.22	0.31	1.3
1	RHABDODEMANIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
1	ONCHOLAIMIDAE (LPIL)	1.02	0.0	0.81	0.61	0.31	0.6
1	ENCHELIDIIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
6	NEMATODA (LPIL)	0.20	0.20	0.20	0.20	0.0	0.2
1	NEMATODA (LPIL)	0.81	1.22	0.61	0.88	0.18	0.9
6	POLYCHAETA (LPIL)	5.50	2.24	2.85	3.53	1.00	3.6
1	OLIGOCHAETA (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
6	GASTROPODA (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
6	BIVALVIA (LPIL)	0.61	0.81	0.0	0.48	0.24	0.5
1	HALACARIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
1	OSTRACODA (LPIL)	1.83	1.22	0.61	1.22	0.35	1.3
1	CYCLOPOIDA (LPIL)	0.41	0.61	0.0	0.34	0.18	0.3

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

LS	TAXA	1	2	3	- X	S.E.	REL AB%
1	LONGIPEDIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
1	ECTINOSOMIDAE (LPIL)	1.43	1.22	1.02	1.22	0.12	1.3
1	THALESTRIDAE (LPIL)	0.0	0.41	0.0	0.14	0.14	0.1
1	DIOSACCIDAE (LPIL)	2.44	2.24	1.02	1.90	0.45	1.9
1	AMEIRIDAE (LPIL)	1.83	1.63	1.43	1.63	0.12	1.7
1	PARAMESOCHRIDAE (LPIL)	2.04	3.06	1.83	2.31	0.38	2.4
1	CANTHOCAMPTIDAE (LPIL)	0.20	0.20	0.20	0.20	0.0	0.2
1	CYLINDROPSILIDAE (LPIL)	2.85	2.65	1.22	2.24	0.51	2.3
1	CLETODIDAE (LPIL)	0.0	0.81	0.20	0.34	0.24	0.3
1	LAOPHONTIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.1
1	ANCORABOLIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
14	HARPACTICOIDA (LPIL)	5.91	6.31	4.89	5.70	0.42	5.8
12	NAUPLIUS (LPIL)	11.00	19.96	5.91	12.29	4.11	12.6
1	SIPUNCULIDA (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
1	PRIAPULIDA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.1
1	TARDIGRADA (LPIL)	1.22	2.44	0.41	1.36	0.59	1.4
6	STELLEROIDEA (LPIL)	0.0	0.20	0.0	0.07	0.07	0.1
260	TOTAL	93.71	138.52	60.50	97.58	22.61	100.0
	DIVERSITY (H PRIME)	4.49	4.33	4.42	4.41	0.05	
	DIVERSITY (J PRIME)	0.83	0.81	0.87	0.84	0.02	
	NUMBER OF TAXA	42	41	34	51		

ABOVE COMPUTED USING SAMPLE IDS  
2841 2842 2843

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC  
6 1 43 1 7243

SID	DATE	TIME	D/N	DURATION			TOW				SAMP VOL			WIND			CURENT			TEMP							
				UNITS	C	SD	WD	SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR	WAT	BT	TURBD	COND	DO	PH	SALN
2891	3/ 3/77	2253	2	0.0	0	43.0	43.0	0.0	0	600.0	7	0.0	0	0	0	0	0.0	0	0.0	16.29	20	0.0	0	6.1	0.0	36.0	6
2892	3/ 3/77	2253	2	0.0	0	43.0	43.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	16.29	20	0.0	0	6.1	0.0	36.0	6	
2893	3/ 3/77	2253	2	0.0	0	43.0	43.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	16.29	20	0.0	0	6.1	0.0	36.0	6	

LS	TAXA				REL		
		1	2	3			
					X	S.E.	AB%
1	TURBELLARIA-(LPIL)	0.0	0.61	0.41	0.34	0.18	1.7
1	NEMERTINA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.3
1	GASTROTRICHA (LPIL)	0.0	0.41	0.81	0.41	0.24	2.0
1	KINORHYNCHA (LPIL)	0.20	0.0	0.41	0.20	0.12	1.0
1	DESMOSCOLECIDAE (LPIL)	1.43	0.61	0.41	0.81	0.31	4.0
1	COMESOMATIDAE (LPIL)	0.41	0.0	0.20	0.20	0.12	1.0
1	CHROMODORIDAE (LPIL)	2.04	0.81	1.83	1.56	0.38	7.7
1	CYATHOLAIMIDAE (LPIL)	0.81	0.41	1.43	0.88	0.30	4.3
1	CHONIOLAIMIDAE (LPIL)	0.20	0.0	0.41	0.20	0.12	1.0
1	MEYLIIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.3
1	DRACONEMATIDAE (LPIL)	0.20	0.0	0.61	0.27	0.18	1.3
1	EPSILONEMATIDAE (LPIL)	0.41	0.0	0.0	0.14	0.14	0.7
1	RICHTERSIIDAE (LPIL)	0.20	0.41	0.20	0.27	0.07	1.3
1	CERAMONEMATIDAE (LPIL)	0.20	0.20	1.02	0.48	0.27	2.3
1	DESMODORIDAE (LPIL)	2.24	2.44	1.22	1.97	0.38	9.7
1	LEPTOLAIMIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.3
1	AXONOLAIMIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.3
1	LINHOMOEIDAE (LPIL)	0.20	0.41	1.22	0.61	0.31	3.0
1	MONHYSTERIDAE (LPIL)	2.04	1.02	1.63	1.56	0.30	7.7
1	OXYSTOMINIDAE (LPIL)	0.20	0.41	0.41	0.34	0.07	1.7
1	RHABDODEMANIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.3
1	ONCHOLAIMIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.3
1	NEMATODA (LPIL)	0.0	0.20	0.0	0.07	0.07	0.3
6	POLYCHAETA (LPIL)	0.41	0.81	0.41	0.54	0.14	2.7
1	OLIGOCHAETA (LPIL)	0.0	0.20	0.20	0.14	0.07	0.7
1	OSTRACODA (LPIL)	0.20	0.20	1.02	0.48	0.27	2.3
1	CYCLOPOIDA (LPIL)	0.20	0.0	0.20	0.14	0.07	0.7
1	ECTINOSOMIDAE (LPIL)	2.24	0.20	0.0	0.81	0.72	4.0
1	THALESTRIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.3
1	DIOSACCIDAE (LPIL)	1.22	0.81	1.83	1.29	0.30	6.4
1	AMEIRIDAE (LPIL)	0.41	0.0	0.81	0.41	0.24	2.0
1	PARAMESOCHRIDAE (LPIL)	0.20	0.41	1.02	0.54	0.24	2.7
1	CLETODIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.3
1	LAOPHONTIDAE (LPIL)	0.0	0.41	0.41	0.27	0.14	1.3
14	HARPACTICOIDA (LPIL)	1.22	0.61	1.22	1.02	0.20	5.0

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STATION REPORT

LS	TAXA	1	2	3	- X	S.E.	REL AB%
12	NAUPLIUS (LPIL)	3.87	3.87	3.46	3.73	0.14	18.4
1	PRIAPULIDA (LPIL)	0.20	0.0	0.0	0.07	0.07	0.3
TOTAL		21.39	15.48	24.04	20.30	2.53	100.0
	DIVERSITY (H PRIME)	3.95	3.78	4.46	4.06	0.20	
	DIVERSITY (J PRIME)	0.84	0.86	0.90	0.87	0.02	
	NUMBER OF TAXA	26	21	31	37		

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2891 2892 2893

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

## STATION REPORT

PC TC GC S LOC  
6 1 43 1 7353

SID	DATE	TIME	D/N	DURATION			TOW		SAMP VOL				WIND		CURRENT			TEMP			COND	DO	PH	SALN	P	
				UNITS	C	SD	WD	SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR						WAT
2931	3/ 3/77	1318	1	0.0	0	226.0	226.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	8.03	30	0.0	0	4.4	0.0	35.1	6
2932	3/ 3/77	1318	1	0.0	0	226.0	226.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	8.03	30	0.0	0	4.4	0.0	35.1	6	
2933	3/ 3/77	1318	1	0.0	0	226.0	226.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	8.03	30	0.0	0	4.4	0.0	35.1	6	

LS	TAXA	1	2	3	X	S.E.	REL ABX
1	PLATYHELMINTHES (LPIL)	0.61	0.0	0.0	0.20	0.20	0.6
1	GASTROTRICHA (LPIL)	0.0	0.0	0.20	0.07	0.07	0.2
1	KINORHYNCHA (LPIL)	0.61	0.0	0.0	0.20	0.20	0.6
1	DESMOSCOLECIDAE (LPIL)	2.44	0.20	0.20	0.95	0.75	2.9
1	COMESOMATIDAE (LPIL)	9.98	7.74	0.61	6.11	2.83	18.7
1	CHROMODORIDAE (LPIL)	2.44	3.67	0.0	2.04	1.08	6.2
1	CYATHOLAIMIDAE (LPIL)	3.06	2.65	0.41	2.04	0.82	6.2
263	1 SELANCHONEMATIDAE (LPIL)	0.0	0.0	0.41	0.14	0.14	0.4
1	CERAMONEMATIDAE (LPIL)	0.20	0.20	0.0	0.14	0.07	0.4
1	DESMODORIDAE (LPIL)	8.35	4.07	1.02	4.48	2.13	13.7
1	LEPTOLAIMIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.2
1	AXONOLAIMIDAE (LPIL)	6.11	5.30	0.0	3.80	1.92	11.6
1	LINHOMOEIDAE (LPIL)	5.91	3.46	0.61	3.33	1.53	10.2
1	MONHYSTERIDAE (LPIL)	6.11	8.56	0.41	5.02	2.41	15.4
1	OXYSTOMINIDAE (LPIL)	1.63	1.63	0.0	1.09	0.54	3.3
1	ENOPLIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.2
1	ONCHOLAIMIDAE (LPIL)	0.41	0.81	0.20	0.48	0.18	1.5
6	NEMATODA (LPIL)	1.02	0.0	0.20	0.41	0.31	1.2
1	NEMATODA (LPIL)	0.81	0.0	0.0	0.27	0.27	0.8
6	POLYCHAETA (LPIL)	0.81	0.20	0.0	0.34	0.24	1.0
1	OLIGOCHAETA (LPIL)	0.20	0.0	0.0	0.07	0.07	0.2
6	BIVALVIA (LPIL)	0.20	0.0	0.0	0.07	0.07	0.2
1	ECTINOSOMIDAE (LPIL)	0.20	0.20	0.0	0.14	0.07	0.4
1	THALESTRIDAE (LPIL)	0.41	0.0	0.0	0.14	0.14	0.4
1	DIOSACCIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	0.2
1	AMEIRIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.2
1	PARAMESOCHRIDAE (LPIL)	0.0	0.20	0.0	0.07	0.07	0.2
1	CANTHOCAMPTIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	0.2
1	CLETODIDAE (LPIL)	0.81	0.0	0.0	0.27	0.27	0.8
1	LAOPHONTIDAE (LPIL)	0.20	0.20	0.0	0.14	0.07	0.4
14	HARPACTICOIDA (LPIL)	0.20	0.41	0.20	0.27	0.07	0.8
1	PRIAPULIDA (LPIL)	0.41	0.0	0.0	0.14	0.14	0.4
	TOTAL	53.37	40.13	4.69	32.73	14.53	100.0
	DIVERSITY (H PRIME)	3.61	3.25	3.34	3.40	0.11	
	DIVERSITY (J PRIME)	0.79	0.77	0.93	0.83	0.05	

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STATION REPORT

LS TAXA

NUMBER OF TAXA

ABOVE COMPUTED USING SAMPLE IDS

2931 2932 2933

1 24

2 19

3 12

-  
X 31

S.E.

REL  
ABX

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

STATION REPORT

PC TC GC S LOC  
6 1 43 1 7363

SID	DATE	TIME	D/N	DURATION				TOW				SAMP VOL				WIND		CURRENT				TEMP					
				UNITS	C	SD	WD	SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR	WAT	BT	TURBD	COND	DO	PH	SALN
2981	3/ 3/77	2052	2	0.0	0	536.0	536.0	0.0	0	600.0	7	0.0	0	0	0	0	0.0	0	0.0	6.49	40	0.0	0	4.8	0.0	35.1	0
2982	3/ 3/77	2052	2	0.0	0	536.0	536.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	6.49	40	0.0	0	4.8	0.0	35.1	0	
2983	3/ 3/77	2052	2	0.0	0	536.0	536.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	6.49	40	0.0	0	4.8	0.0	35.1	0	

LS	TAXA	1	2	3	X	S.E.	REL ABX
1	DESMOSCOLECIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	1.4
1	COMESOMATIDAE (LPIL)	1.83	0.20	0.61	0.88	0.49	17.8
1	CHROMODORIDAE (LPIL)	0.20	0.20	0.0	0.14	0.07	2.7
1	CYATHOLAIMIDAE (LPIL)	1.43	0.0	0.41	0.61	0.42	12.3
1	SELANCHONEMATIDAE (LPIL)	0.0	0.0	0.41	0.14	0.14	2.7
1	CERAMONEMATIDAE (LPIL)	0.41	0.0	0.0	0.14	0.14	2.7
1	DESMODORIDAE (LPIL)	1.02	0.61	1.02	0.88	0.14	17.8
265	AXONOLAIMIDAE (LPIL)	0.41	0.0	0.0	0.14	0.14	2.7
1	LINHOMOEIDAE (LPIL)	0.0	0.41	0.61	0.34	0.18	6.8
1	MONHYSTERIDAE (LPIL)	0.41	0.0	0.41	0.27	0.14	5.5
1	OXYSTOMINIDAE (LPIL)	0.61	0.0	0.0	0.20	0.20	4.1
1	ENOPLIDAE (LPIL)	0.20	0.0	0.0	0.07	0.07	1.4
1	ONCHOLAIMIDAE (LPIL)	0.20	0.0	0.20	0.14	0.07	2.7
6	NEMATODA (LPIL)	0.0	0.0	0.20	0.07	0.07	1.4
1	DIOSACCIDAE (LPIL)	0.0	0.0	0.20	0.07	0.07	1.4
14	HARPACTICOIDA (LPIL)	0.61	0.0	0.41	0.34	0.18	6.8
12	NAUPLIUS (LPIL)	0.41	0.0	0.81	0.41	0.24	8.2
1	TARDIGRADA (LPIL)	0.0	0.0	0.20	0.07	0.07	1.4
TOTAL		7.74	1.43	5.70	4.96	1.86	100.0
DIVERSITY (H PRIME)		3.21	1.84	3.48	2.85	0.51	
DIVERSITY (J PRIME)		0.90	0.92	0.94	0.92	0.01	
NUMBER OF TAXA		12	4	13	18		

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2981 2982 2983

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TRANSECT REPORT

LS	TAXA	11 35	12 36	23	24	- X	S. E.	REL ABX
1	TURBELLARIA-(LPIL)	0.0 0.0	0.0 0.0	0.27	0.34	0.10	0.07	0.3
1	PLATYHELMINTHES (LPIL)	0.0 0.20	0.0 0.0	0.0	0.0	0.03	0.03	0.1
1	NEMERTINA (LPIL)	0.0 0.0	0.0 0.0	0.14	0.07	0.03	0.02	0.1
1	GASTROTRICHA (LPIL)	0.0 0.07	0.07 0.0	4.35	0.41	0.81	0.71	2.4
1	KINORHYNCHA (LPIL)	0.0 0.20	0.0 0.0	0.75	0.20	0.19	0.12	0.6
266 1	DES MOSCOLECIDAE(LPIL)	0.0 0.95	0.20 0.07	1.56	0.81	0.60	0.25	1.7
1	COMESOMATIDAE (LPIL)	8.69 6.11	1.02 0.88	0.68	0.20	2.93	1.46	8.5
1	CHROMODORIDAE (LPIL)	3.26 2.04	4.28 0.14	10.73	1.56	3.67	1.53	10.7
1	CYATHOLAIMIDAE (LPIL)	0.20 2.04	1.36 0.61	5.30	0.88	1.73	0.76	5.0
1	CHONIOLAIMIDAE (LPIL)	0.0 0.0	0.07 0.0	1.83	0.20	0.35	0.30	1.0
1	SELANCHONEMATIDAE (LPIL)	0.07 0.14	0.0 0.14	0.20	0.0	0.09	0.03	0.3
1	MEYLIIDAE (LPIL)	0.0 0.0	0.0 0.0	0.48	0.07	0.09	0.08	0.3
1	DRACONEMATIDAE (LPIL)	0.0 0.0	0.07 0.0	0.48	0.27	0.14	0.08	0.4
1	EPSILONEMATIDAE (LPIL)	0.0 0.0	0.14 0.0	1.70	0.14	0.33	0.28	1.0

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TRANSECT REPORT

LS	TAXA	11 35	12 36	23	24	- X	S. E.	REL AB%
1	RICHTERSIIDAE (LPIL)	0.0 0.0	0.0 0.0	0.20	0.27	0.08	0.05	0.2
1	MONOPOSTHIIDAE (LPIL)	0.0 0.0	0.07 0.0	1.90	0.0	0.33	0.31	1.0
1	CERAMONEMATIDAE (LPIL)	0.0 0.14	0.54 0.14	1.97	0.48	0.54	0.30	1.6
1	DESMODORIDAE (LPIL)	0.68 4.48	4.14 0.88	12.22	1.97	4.06	1.76	11.8
1	LEPTOLAIMIDAE (LPIL)	0.0 0.07	0.27 0.0	1.15	0.07	0.26	0.18	0.8
1	AXONOLAIMIDAE (LPIL)	0.20 3.80	0.68 0.14	1.36	0.07	1.04	0.59	3.0
1	LINHOMOEIDAE (LPIL)	6.38 3.33	0.61 0.34	2.04	0.61	2.22	0.95	6.4
1	MONHYSTERIDAE (LPIL)	5.16 5.02	3.19 0.27	8.96	1.56	4.03	1.26	11.7
1	OXYSTOMINIDAE (LPIL)	0.81 1.09	0.07 0.20	0.75	0.34	0.54	0.16	1.6
1	ENOPLIDAE (LPIL)	0.27 0.07	0.27 0.07	1.22	0.0	0.32	0.19	0.9
1	RHABDODEMANIDAE (LPIL)	0.0 0.0	0.07 0.0	0.07	0.07	0.03	0.02	0.1
1	ONCHOLAIMIDAE (LPIL)	0.41 0.48	0.07 0.14	0.61	0.07	0.29	0.10	0.9
1	ENCHELIDIIDAE (LPIL)	0.07 0.0	0.0 0.0	0.07	0.0	0.02	0.01	0.1
6	NEMATODA (LPIL)	0.34 0.41	0.0 0.07	0.20	0.0	0.17	0.07	0.5

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WINTER CRUISE 1977

BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 35	12 36	23	24	- X	S.E.	REL ABX
1	NEMATODA (LPIL)	0.61 0.27	0.41 0.0	0.88	0.07	0.37	0.14	1.1
6	POLYCHAETA (LPIL)	0.07 0.34	0.41 0.0	3.53	0.54	0.81	0.55	2.4
1	OLIGOCHAETA (LPIL)	0.0 0.07	0.0 0.0	0.07	0.14	0.05	0.02	0.1
6	GASTROPODA (LPIL)	0.0 0.0	0.0 0.0	0.07	0.0	0.01	0.01	0.0
6	BIVALVIA (LPIL)	0.0 0.07	0.27 0.0	0.48	0.0	0.14	0.08	0.4
6	CEPHALOPODA (LPIL)	0.07 0.0	0.0 0.0	0.0	0.0	0.01	0.01	0.0
1	HALACARIDAE (LPIL)	0.0 0.0	0.0 0.0	0.07	0.0	0.01	0.01	0.0
1	OSTRACODA (LPIL)	0.0 0.0	0.0 0.0	1.22	0.48	0.28	0.20	0.8
1	CYCLOPOIDA (LPIL)	0.0 0.0	0.07 0.0	0.34	0.14	0.09	0.05	0.3
1	LONGIPEDIDAE (LPIL)	0.0 0.0	0.07 0.0	0.07	0.0	0.02	0.01	0.1
1	ECTINOSOMIDAE (LPIL)	0.61 0.14	0.61 0.0	1.22	0.81	0.57	0.18	1.6
1	THALESTRIDAE (LPIL)	0.0 0.14	0.0 0.0	0.14	0.07	0.06	0.03	0.2
1	DIOSACCIDAE (LPIL)	0.07 0.07	0.41 0.07	1.90	1.29	0.63	0.32	1.8
1	AMEIRIDAE (LPIL)	0.61 0.07	0.20 0.0	1.63	0.41	0.49	0.25	1.4

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BENTHIC MICROINFAUNA

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TRANSECT REPORT

LS	TAXA	11 35	12 36	23	24	- X	S. E.	REL ABX
1	PARAMESOCHRIDAE (LPIL)	0.0 0.07	0.95 0.0	2.31	0.54	0.65	0.37	1.9
1	TETRAGONICIPITIDAE (LPIL)	0.0 0.0	0.07 0.0	0.0	0.0	0.01	0.01	0.0
1	CANTHOCAMPTIDAE (LPIL)	0.0 0.07	0.0 0.0	0.20	0.0	0.05	0.03	0.1
1	CYLINDROPSILIDAE (LPIL)	0.0 0.0	0.20 0.0	2.24	0.0	0.41	0.37	1.2
1	CLETODIDAE (LPIL)	0.14 0.27	0.0 0.0	0.34	0.07	0.14	0.06	0.4
269 1	LAOPHONTIDAE (LPIL)	0.0 0.14	0.14 0.0	0.07	0.27	0.10	0.04	0.3
1	ANCORABOLIDAE (LPIL)	0.0 0.0	0.0 0.0	0.07	0.0	0.01	0.01	0.0
14	HARPACTICOIDA (LPIL)	0.14 0.27	0.68 0.34	5.70	1.02	1.36	0.88	3.9
1	HARPACTICOIDA (LPIL)	0.07 0.0	0.0 0.0	0.0	0.0	0.01	0.01	0.0
12	NAUPLIUS (LPIL)	0.07 0.0	0.14 0.41	12.29	3.73	2.77	1.99	8.1
1	SIPUNCULIDA (LPIL)	0.0 0.0	0.0 0.0	0.07	0.0	0.01	0.01	0.0
1	PRIAPULIDA (LPIL)	0.0 0.14	0.20 0.0	0.07	0.07	0.08	0.03	0.2
1	TARDIGRADA (LPIL)	0.0 0.0	0.0 0.07	1.36	0.0	0.24	0.22	0.7
6	STELLEROIDEA (LPIL)	0.0 0.0	0.0 0.0	0.07	0.0	0.01	0.01	0.0

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TRANSECT REPORT

LS	TAXA	11	12	23	24	- X	S.E.	REL AB%
		35	36					
TOTAL		28.99 32.73	22.00 4.96	97.58	20.30	34.43	13.22	100.0
DIVERSITY (H PRIME)		2.82 3.40	3.66 2.85	4.41	4.06	3.53	0.26	
DIVERSITY (J PRIME)		0.73 0.83	0.81 0.92	0.84	0.87	0.83	0.03	
NUMBER OF TAXA		21 31	34 18	51	37	54		

ABOVE COMPUTED USING SAMPLE IDS

2761 2762 2763 2801  
2802 2803 2841 2842  
2843 2891 2892 2893  
2931 2932 2933 2981  
2982 2983

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BENTHIC MICROINFAUNA

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CRUISE REPORT

LS	TAXA					-	S. E.	REL AB%
		1	2	3	4	X		
6	UNIDENTIFIED: 11990000	5 0.0 0.0	6 0.13 0.0	7 0.0 0.0	0.0	0.02	0.02	0.0
1	CILIOPHORA (LPIL)	3.28 0.72	1.05 0.50	1.61 0.0	1.05	1.17	0.40	1.4
6	CILIOPHORA (LPIL)	0.0 0.0	0.16 0.0	0.0 0.0	0.0	0.02	0.02	0.0
1	PROTOZOA (LPIL)	0.0 0.02	0.0 0.0	0.0 0.0	0.02	0.01	0.00	0.0
1	PORIFERA (LPIL)	0.0 0.0	0.0 0.0	0.62 0.0	0.0	0.09	0.09	0.1
271	HYDROZOA (LPIL)	0.35 0.59	0.03 0.22	0.01 0.0	0.06	0.18	0.08	0.2
1	ANTHOZOA (LPIL)	0.0 0.0	0.25 0.0	0.0 0.0	0.0	0.04	0.04	0.0
1	CTENOPHORA (LPIL)	0.0 0.0	0.0 0.0	0.0 0.0	0.03	0.00	0.00	0.0
1	UNIDENTIFIED: 54009400	0.0 0.06	0.0 0.0	0.0 0.0	0.0	0.01	0.01	0.0
1	TURBELLARIA-(LPIL)	2.63 1.74	2.65 0.99	2.08 0.10	2.18	1.77	0.35	2.1
1	PLATYHELMINTHES (LPIL)	0.0 0.0	0.0 0.13	0.0 0.03	0.0	0.02	0.02	0.0
1	NEMERTINA (LPIL)	0.69 0.34	1.46 0.06	0.43 0.03	0.39	0.49	0.18	0.6
1	ROTIFERA (LPIL)	0.0 0.03	0.09 0.0	0.08 0.0	0.06	0.04	0.01	0.0
1	GASTROTRICHA (LPIL)	13.60 4.88	10.01 1.54	6.36 0.81	6.47	6.24	1.70	7.6

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CRUISE REPORT

LS	TAXA	1	2	3	4	X	S. E.	REL AB%
6	GASTROTRICHA (LPIL)	0.0 0.0	0.0 0.01	0.0 0.0	0.0	0.00	0.00	0.0
1	UNIDENTIFIED: 58900000	0.0 0.03	0.0 0.0	0.0 0.0	0.0	0.00	0.00	0.0
1	KINORHYNCHA (LPIL)	0.26 0.58	0.91 0.53	0.29 0.19	1.57	0.62	0.18	0.7
1	DESMOSCOLECIDAE(LPIL)	3.24 2.26	2.98 1.82	1.49 0.60	1.99	2.05	0.34	2.5
91	UNIDENTIFIED: 59020109	0.0 0.0	0.0 0.0	0.08 0.0	0.0	0.01	0.01	0.0
272	1 COMESOMATIDAE (LPIL)	2.04 2.03	0.29 2.60	0.59 2.93	0.81	1.61	0.39	2.0
91	UNIDENTIFIED: 59020209	0.0 0.0	0.0 0.0	0.33 0.0	0.0	0.05	0.05	0.1
1	CHROMODORIDAE (LPIL)	7.41 7.45	5.22 5.05	4.26 3.67	5.12	5.45	0.55	6.6
91	UNIDENTIFIED: 59020309	0.0 0.0	0.0 0.0	0.25 0.0	0.0	0.04	0.04	0.0
1	CYATHOLAIMIDAE (LPIL)	8.84 2.47	2.84 1.65	1.78 1.73	2.89	3.17	0.97	3.8
1	CHONIOLAIMIDAE (LPIL)	1.32 0.76	0.68 0.41	0.88 0.35	0.83	0.75	0.12	0.9
1	SELANCHONEMATIDAE	0.0 0.0	0.0 0.0	0.0 0.0	0.07	0.01	0.01	0.0
1	SELANCHONEMATIDAE (LPIL)	0.06 0.08	0.16 0.03	0.06 0.09	0.19	0.10	0.02	0.1
1	MEYLIIDAE (LPIL)	0.06 0.24	0.04 0.07	0.05 0.09	0.12	0.09	0.03	0.1

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LS	TAXA	1	2	3	4	- X	S. E.	REL AB%
		5	6	7				
1	DESMODORIDA	0.0 0.0	0.0 0.0	0.23 0.0	0.0	0.03	0.03	0.0
1	DRACONEMATIDAE (LPIL)	0.03 1.15	1.59 0.61	0.26 0.14	0.84	0.66	0.22	0.8
1	EPSILONEMATIDAE (LPIL)	0.03 3.38	2.30 0.77	0.36 0.33	2.94	1.44	0.52	1.8
1	RICHTERSIIDAE (LPIL)	1.48 0.11	0.16 1.00	0.45 0.08	0.36	0.52	0.20	0.6
1	MONOPOSTHIIDAE (LPIL)	4.20 1.28	0.83 0.56	0.51 0.33	0.89	1.23	0.51	1.5
273 1	CERAMONEMATIDAE (LPIL)	5.66 1.97	1.29 1.12	2.92 0.54	2.21	2.24	0.64	2.7
91	UNIDENTIFIED: 59030709	0.0 0.0	0.0 0.0	0.23 0.0	0.0	0.03	0.03	0.0
1	DESMODORIDAE (LPIL)	12.02 10.99	7.39 7.87	3.44 4.06	7.30	7.58	1.21	9.2
1	DESMODORIDA (LPIL)	0.10 0.0	0.04 0.0	0.01 0.0	0.0	0.02	0.01	0.0
1	RHABDOLAIMIDAE (LPIL)	0.0 0.0	0.02 0.0	0.0 0.0	0.0	0.00	0.00	0.0
1	LEPTOLAIMIDAE (LPIL)	1.26 1.14	0.94 0.83	0.69 0.26	1.50	0.95	0.15	1.1
1	CAMACOLAIMIDAE (LPIL)	0.0 0.05	0.0 0.02	0.01 0.0	0.0	0.01	0.01	0.0
91	UNIDENTIFIED: 59040509	0.0 0.0	0.0 0.0	0.02 0.0	0.0	0.00	0.00	0.0
1	AXONOLAIMIDAE (LPIL)	3.58 0.92	0.73 1.25	0.87 1.04	0.59	1.28	0.39	1.6

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LS	TAXA	1	2	3	4	X	S. E.	REL ABX
		5	6	7				
1	ARAEOLAIMIDA (LPIL)	0.07 0.0	0.0 0.0	0.0 0.0	0.0	0.01	0.01	0.0
1	SIPHONOLAIMIDAE (LPIL)	0.0 0.0	0.05 0.0	0.01 0.0	0.0	0.01	0.01	0.0
1	LINHOMOEIDAE (LPIL)	2.47 2.79	1.10 2.82	0.72 2.22	1.17	1.90	0.33	2.3
91	UNIDENTIFIED: 59050409	0.0 0.0	0.0 0.0	0.32 0.0	0.0	0.05	0.05	0.1
1	MONHYSTERIDAE (LPIL)	15.13 10.01	5.84 6.09	4.76 4.03	4.54	7.20	1.52	8.7
1	OXYSTOMINIDAE (LPIL)	0.78 1.14	0.80 0.77	0.89 0.54	1.78	0.96	0.15	1.2
1	IRONIDAE (LPIL)	0.15 0.05	0.05 0.0	0.0 0.0	0.03	0.04	0.02	0.0
1	TRIPYLOIDIDAE (LPIL)	0.43 0.07	0.08 0.02	0.06 0.0	0.08	0.10	0.06	0.1
1	LEPTOSOMATIDAE (LPIL)	0.0 0.0	0.01 0.0	0.0 0.0	0.0	0.00	0.00	0.0
91	UNIDENTIFIED: 59060709	0.0 0.0	0.0 0.0	0.01 0.0	0.0	0.00	0.00	0.0
1	ANTICOMIDAE (LPIL)	0.09 0.02	0.30 0.07	0.08 0.0	0.06	0.09	0.04	0.1
1	ENOPLIDAE (LPIL)	1.69 0.98	0.36 0.34	0.68 0.32	0.65	0.72	0.19	0.9
51	ENOPLIDAE (LPIL)	0.0 0.01	0.0 0.0	0.0 0.0	0.0	0.00	0.00	0.0
1	RHABDODEMANIDAE (LPIL)	0.07 0.06	0.03 0.03	0.03 0.03	0.06	0.05	0.01	0.1

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LS	TAXA	1	2	3	4	X	S.E.	REL AB%
1	ONCHOLAIMIDAE (LPIL)	1.14 1.08	0.32 0.34	0.77 0.29	1.15	0.73	0.15	0.9
1	ENCHELIDIIDAE (LPIL)	0.17 0.25	0.06 0.10	0.16 0.02	0.40	0.17	0.05	0.2
6	NEMATODA (LPIL)	0.75 0.72	1.02 0.53	0.69 0.17	0.94	0.69	0.11	0.8
1	NEMATODA (LPIL)	3.10 1.19	0.92 0.66	0.77 0.37	1.23	1.18	0.34	1.4
6	POLYCHAETA (LPIL)	1.61 4.99	3.52 2.23	2.70 0.81	4.32	2.88	0.56	3.5
1	POLYCHAETA (LPIL)	0.06 0.0	0.0 0.0	0.26 0.0	0.0	0.05	0.04	0.1
1	OLIGOCHAETA (LPIL)	0.36 0.42	0.27 0.31	0.18 0.05	0.51	0.30	0.06	0.4
1	GASTROPODA (LPIL)	0.03 0.01	0.29 0.0	0.0 0.0	0.0	0.05	0.04	0.1
6	GASTROPODA (LPIL)	0.14 0.03	0.22 0.02	0.01 0.01	0.12	0.08	0.03	0.1
1	POLYPLACOPHORA (LPIL)	0.0 0.0	0.0 0.01	0.0 0.0	0.0	0.00	0.00	0.0
6	BIVALVIA (LPIL)	0.50 0.65	1.01 0.33	0.35 0.14	0.59	0.51	0.11	0.6
6	CEPHALOPODA (LPIL)	0.0 0.01	0.0 0.0	0.0 0.01	0.0	0.00	0.00	0.0
6	MOLLUSCA (LPIL)	0.06 0.0	0.08 0.0	0.0 0.0	0.0	0.02	0.01	0.0
1	HALACARIDAE	0.0 0.0	0.04 0.03	0.0 0.0	0.0	0.01	0.01	0.0

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CRUISE REPORT

LS	TAXA	1	2	3	4	- X	S.E.	REL AB%
1	HALACARIDAE (LPIL)	0.03 1.20	0.49 0.17	0.06 0.01	0.38	0.33	0.16	0.4
1	OSTRACODA (LPIL)	0.57 1.75	3.88 0.66	1.72 0.28	2.10	1.57	0.47	1.9
1	MYSTACOCARIDA (LPIL)	0.0 0.23	0.01 0.0	0.01 0.0	0.21	0.07	0.04	0.1
1	CALANOIDA (LPIL)	0.0 0.0	0.01 0.01	0.02 0.0	0.0	0.01	0.00	0.0
1	CYCLOPOIDA	0.0 0.0	0.08 0.0	0.0 0.0	0.0	0.01	0.01	0.0
276	SAPHIRELLA (LPIL)	0.01 0.0	0.0 0.0	0.0 0.0	0.0	0.00	0.00	0.0
1	CYCLOPOIDA (LPIL)	0.0 0.45	0.69 0.17	0.63 0.09	0.24	0.33	0.10	0.4
1	LONGIPEDIDAE (LPIL)	0.03 0.24	0.02 0.06	0.03 0.02	0.03	0.06	0.03	0.1
1	CANUELLIDAE (LPIL)	0.05 0.20	0.06 0.04	0.03 0.0	0.04	0.06	0.02	0.1
1	ECTINOSOMIDAE (LPIL)	0.27 2.01	1.26 0.79	0.77 0.57	0.76	0.92	0.21	1.1
1	TACHIDIIDAE (LPIL)	0.05 0.02	0.09 0.01	0.01 0.0	0.0	0.02	0.01	0.0
1	HARPACTICIDAE (LPIL)	0.09 0.03	0.14 0.02	0.03 0.0	0.01	0.05	0.02	0.1
1	TISBIDAE (LPIL)	0.0 0.15	0.10 0.02	0.0 0.0	0.10	0.05	0.02	0.1
1	PELTIDIIDAE (LPIL)	0.0 0.0	0.0 0.0	0.0 0.0	0.01	0.00	0.00	0.0

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CRUISE REPORT

LS	TAXA					-	S.E.	REL AB%
		1	2	3	4	X		
1	THALESTRIDAE (LPIL)	0.10 1.49	0.48 0.14	0.49 0.06	0.43	0.45	0.19	0.5
1	PARASTENHELIDAE (LPIL)	0.01 0.0	0.05 0.0	0.01 0.0	0.0	0.01	0.01	0.0
1	DIOSACCIDAE (LPIL)	0.96 4.38	4.33 1.29	1.34 0.63	2.37	2.18	0.59	2.6
1	AMEIRIDAE (LPIL)	0.20 2.12	1.82 0.88	0.86 0.49	1.14	1.07	0.26	1.3
1	PARAMESOCHRIDAE (LPIL)	1.66 2.61	2.15 0.95	1.91 0.65	1.82	1.68	0.26	2.0
1	TETRAGONICIPITIDAE (LPIL)	0.0 0.15	0.29 0.05	0.12 0.01	0.18	0.12	0.04	0.1
1	CANTHOCAMPTIDAE (LPIL)	0.05 0.18	0.32 0.46	0.09 0.05	0.26	0.20	0.06	0.2
1	CYLINDROPSILIDAE (LPIL)	1.36 3.74	2.56 0.73	1.21 0.41	2.65	1.81	0.46	2.2
1	CLETODIDAE (LPIL)	0.12 0.42	0.34 0.27	0.26 0.14	1.11	0.38	0.13	0.5
1	LAOPHONTIDAE (LPIL)	0.23 0.80	0.32 0.16	0.33 0.10	0.47	0.34	0.09	0.4
1	ANCORABOLIDAE (LPIL)	0.0 0.02	0.02 0.03	0.0 0.01	0.01	0.01	0.00	0.0
14	HARPACTICOIDA (LPIL)	1.04 4.93	4.26 3.05	2.89 1.36	3.39	2.99	0.53	3.6
1	HARPACTICOIDA (LPIL)	0.14 0.17	0.29 0.02	0.29 0.01	0.27	0.17	0.05	0.2
14	COPEPODA (LPIL)	0.0 0.59	0.0 0.0	0.0 0.0	0.0	0.08	0.08	0.1

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CRUISE REPORT

LS	TAXA	1	2	3	4	X	S.E.	REL ABX
		5	6	7				
1	CIRRIPEDIA (LPIL)	0.0 0.0	0.01 0.0	0.0 0.0	0.0	0.00	0.00	0.0
6	CUMACEA (LPIL)	0.0 0.0	0.0 0.0	0.06 0.0	0.0	0.01	0.01	0.0
6	ISOPODA (LPIL)	0.0 0.02	0.01 0.02	0.0 0.0	0.03	0.01	0.00	0.0
1	CAPRELLIDAE (LPIL)	0.0 0.0	0.0 0.01	0.0 0.0	0.0	0.00	0.00	0.0
6	AMPHIPODA (LPIL)	0.0 0.06	0.0 0.01	0.0 0.0	0.0	0.01	0.01	0.0
278 12	NAUPLIUS (LPIL)	0.89 12.66	12.76 7.04	5.96 2.77	7.11	7.03	1.70	8.5
12	UNIDENTIFIED: 102019901	0.03 0.0	0.0 0.0	0.0 0.0	0.0	0.00	0.00	0.0
2	CRUSTACEA (LPIL)	0.0 0.0	0.0 0.0	0.01 0.0	0.0	0.00	0.00	0.0
1	SIPUNCULIDA (LPIL)	0.67 0.12	0.08 0.03	0.02 0.01	0.04	0.14	0.09	0.2
1	PRIAPULIDA (LPIL)	0.66 0.59	0.59 0.51	0.29 0.08	0.43	0.45	0.08	0.5
1	TARDIGRADA (LPIL)	0.84 1.93	3.31 0.66	0.57 0.24	1.35	1.27	0.40	1.5
6	TARDIGRADA (LPIL)	0.0 0.0	0.0 0.0	0.01 0.0	0.0	0.00	0.00	0.0
6	STELLEROIDEA (LPIL)	0.0 0.03	0.01 0.03	0.01 0.01	0.01	0.01	0.00	0.0
1	CHAETOGNATHA (LPIL)	0.0 0.0	0.0 0.0	0.01 0.0	0.0	0.00	0.00	0.0

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

CRUISE REPORT

LS	TAXA	1	2	3	4	X	S. E.	REL AB%
		5	6	7				
1	INVERTEBRATE (LPIL)	0.91 0.0	0.04 0.0	0.0 0.0	0.05	0.14	0.13	0.2
4	INVERTEBRATE (LPIL)	0.0 0.0	0.0 2.65	0.0 0.0	0.0	0.38	0.38	0.5
1	ARCHIANNELIDA	0.05 1.68	0.02 0.05	0.09 0.0	0.05	0.28	0.23	0.3
6	UNIDENTIFIED: 950990000	0.0 0.0	0.0 0.0	0.01 0.0	0.0	0.00	0.00	0.0
TOTAL		111.93 114.68	101.46 65.30	64.89 34.43	85.17	82.55	11.11	100.0
	DIVERSITY (H PRIME)	4.17 4.28	4.26 3.81	4.18 3.53	4.28	4.07	0.11	
	DIVERSITY (J PRIME)	0.82 0.82	0.84 0.84	0.86 0.83	0.87	0.84	0.01	
	NUMBER OF TAXA	64 72	78 70	79 54	69	107 69.4 <sup>2</sup>		

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BENTHIC MICROINFAUNA

MEIOFAUNA DENSITY - NUMBER / SQUARE CENTIMETER

CRUISE REPORT

ABOVE COMPUTED USING SAMPLE IDS

1011	1012	1013	1051
1052	1053	1221	1222
1223	1171	1172	1173
1131	1132	1133	1091
1092	1093	1261	1262
1263	1301	1302	1303
1351	1352	1353	1391
1392	1393	1441	1442
1443	1491	1492	1493
1541	1542	1543	1621
1622	1623	1651	1652
1653	1691	1692	1693
1721	1722	1723	1761
1762	1763	1801	1802
1803	1831	1832	1833
1861	1862	1863	1891
1892	1893	1931	1932
1933	1971	1972	1973
2011	2012	2013	2051
2052	2053	2091	2092
2093	2141	2142	2143
2181	2182	2183	2241
2242	2243	2291	2292
2293	2331	2332	2333
2371	2372	2373	2421
2422	2423	2501	2502
2503	2531	2532	2533
2571	2572	2573	2611
2612	2613	2641	2642
2643	2681	2682	2683
2711	2712	2713	2741
2742	2761	2762	2763
2801	2802	2803	2841
2842	2843	2891	2892
2893	2931	2932	2933
2981	2982	2983	

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SECTION VI

FORAMININIFERA TAXONOMY/DENSITY DATA

BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

FORAMINIFERA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

PC TC GC S LOC  
6 1 43 1 1113

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL				WIND		CURRENT		TEMP				COND	DO	PH	SALN	P
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR	WAT					
1011	2/ 9/77	1630	1	0.0	0	9.9	9.9	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	4.62	20	0.0	0	11.8	0.0	34.6	6
1051	2/ 9/77	2137	2	0.0	0	15.0	15.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	5.00	20	0.0	0	11.6	0.0	34.8	6
1221	2/11/77	1743	1	0.0	0	19.0	19.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	17.79	56	0.0	0	9.9	0.0	34.9	6
1171	2/11/77	922	1	0.0	0	28.0	28.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	14.57	20	0.0	0	8.0	0.0	36.2	1
1131	2/10/77	2254	2	0.0	0	44.0	44.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	15.00	20	0.0	0	7.6	0.0	36.3	6
1091	2/10/77	1306	1	0.0	0	317.5	317.5	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	7.95	56	0.0	0	5.2	0.0	35.1	6

LS	TAXA	11		12		23		24		X	S.E.	REL AB%
		25	36	25	36	25	36	25	36			
1	REOPHAX CURTUS	0.0	0.0	0.0	0.10	0.0	0.0	0.0	0.0	0.02	0.02	0.1
282	1 CHIBROSTOMOIDES JEFFREYSII	0.0	0.0	0.0	0.10	0.0	0.0	0.0	0.0	0.02	0.02	0.1
1	SIPHOTEXTULARIA SP. CF. S. CONC	0.0	0.0	0.0	0.10	0.0	0.0	0.0	0.0	0.02	0.02	0.1
1	TEXTULARIA AGGLUTINANS	0.0	0.51	0.0	0.0	0.0	0.41	0.15	0.10	1.1		
1	TEXTULARIA CANDEIANA	0.0	0.0	0.0	0.0	0.0	0.10	0.02	0.02	0.1		
1	TEXTULARIA CONICA	0.0	0.0	0.0	0.20	0.0	0.31	0.10	0.05	0.7		
1	TROCHAMMINA ADVENA	0.20	0.0	0.0	0.0	0.0	0.0	0.03	0.03	0.2		
1	TROCHAMMINA LOBATA	0.41	0.81	0.0	0.0	0.0	0.0	0.20	0.14	1.4		
1	TROCHAMMINA SQUAMATA	0.20	0.0	0.0	0.0	0.0	0.0	0.03	0.03	0.2		
1	UNIDENTIFIED: 901080802	0.0	0.0	0.0	0.31	0.0	0.0	0.05	0.05	0.4		
1	UNIDENTIFIED: 901080803	0.10	0.0	0.0	0.0	0.0	0.0	0.02	0.02	0.1		

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BENTHIC MICROINFAUNA

FORAMINIFERA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11	12	23	24	-	S. E.	REL
		25	36			X		AB%
1	NODOBACULARIELLA ATLANTICA	0.0 0.0	0.0 0.0	0.0	0.10	0.02	0.02	0.1
1	SPIROLOCULINA ATLANTICA	0.0 0.0	0.0 0.0	0.41	0.0	0.07	0.07	0.5
1	MILIOLINELLA CIRCULARIS	0.0 0.0	0.10 0.0	0.20	0.0	0.05	0.03	0.4
1	MILIOLINELLA FICHTELIANA	0.0 0.10	0.0 0.0	0.0	0.0	0.02	0.02	0.1
1	MILIOLINELLA OBLONGA	0.41 0.10	0.0 0.0	0.0	0.0	0.08	0.07	0.6
1	QUINGUELOCULINA CANDEIANA	0.0 0.10	0.0 0.0	0.10	0.0	0.03	0.02	0.2
1	QUINGUELOCULINA COMPTA	0.10 0.0	0.10 0.0	0.20	0.0	0.07	0.03	0.5
1	QUINGUELOCULINA JUGOSA	0.51 0.0	0.20 0.0	0.41	0.0	0.19	0.09	1.3
1	QUINGUELOCULINA LAMARCHIANA	2.44 0.10	0.41 0.10	1.53	0.0	0.76	0.41	5.4
1	QUINGUELOCULINA POEYANA	0.0 0.0	0.0 0.0	0.10	0.0	0.02	0.02	0.1
1	QUINGUELOCULINA SP. A	0.10 0.0	0.0 0.0	0.0	0.0	0.02	0.02	0.1
1	SIGMOILINA ANTILLARUM	0.0 0.0	0.0 0.0	0.20	0.0	0.03	0.03	0.2
1	SIGMOILINA TENUIS	0.0 0.0	0.0 0.10	0.0	0.0	0.02	0.02	0.1
1	SIPHONAPTERA SABULOSA	0.0 0.0	0.0 0.0	0.10	0.0	0.02	0.02	0.1

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BENTHIC MICROINFAUNA

FORAMINIFERA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 36	23	24	- X	S.E.	REL AB%
1	PENEROPLIS PROTEUS	0.0 0.0	0.0 0.0	0.0	0.10	0.02	0.02	0.1
1	DENTALINA FLINTII	0.0 0.0	0.0 0.20	0.0	0.0	0.03	0.03	0.2
1	LENTICULINA CALCAR	0.0 0.0	0.0 0.10	0.0	0.0	0.02	0.02	0.1
1	LENTICULINA IOTA	0.0 0.0	0.0 0.20	0.0	0.0	0.03	0.03	0.2
1	LENGTCULINA ORBICULARIS	0.0 0.0	0.0 0.51	0.0	0.0	0.08	0.08	0.6
1	VAGINULINOPSIS SP. CF. V. SPINI	0.0 0.0	0.0 0.10	0.0	0.0	0.02	0.02	0.1
1	GUTTULINA AUSTRALIS	0.0 0.31	0.0 0.0	0.0	0.10	0.07	0.05	0.5
1	GUTTULINA SP. CF. G. YABEI	0.0 0.0	0.0 0.0	0.10	0.10	0.03	0.02	0.2
1	PSEUDOPOLYMORPHINA NOVANGLIAE	0.10 0.10	0.0 0.10	0.0	0.0	0.05	0.02	0.4
1	SPIRILLINA DECORATA	0.0 0.0	0.0 0.10	0.0	0.0	0.02	0.02	0.1
1	HOEGLUNDINA ELEGANS	0.0 0.0	0.0 0.10	0.0	0.0	0.02	0.02	0.1
1	BOLIVINA ALBATROSSI	0.0 0.0	0.0 0.41	0.0	0.0	0.07	0.07	0.5
1	BOLIVINA HASTATA	0.0 0.0	0.0 0.10	0.0	0.0	0.02	0.02	0.1
1	BOLIVINA LANCEOLATA	0.0 0.0	0.0 0.10	0.0	0.0	0.02	0.02	0.1

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

FORAMINIFERA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 36	23	24	- X	S.E.	REL AB%
1	BOLIVINA LIMBATA VAR. COSTATULA	0.10 0.0	0.0 0.10	0.0	0.0	0.03	0.02	0.2
1	BOLIVINA LOWMANI	0.0 0.0	0.0 24.85	0.20	0.0	4.18	4.14	29.3
1	BOLIVINA PSEUD/PUNCTATA	0.0 0.0	0.0 1.94	0.0	0.0	0.32	0.32	2.3
1	BOLIVINA STRIATULA	0.0 0.0	0.0 0.20	0.0	0.0	0.03	0.03	0.2
285 1	BOLIVINA TRANSLUCENS	0.0 0.0	0.0 0.10	0.0	0.0	0.02	0.02	0.1
1	BOLIVINA TRUNCATA	0.0 0.0	0.0 0.10	0.0	0.0	0.02	0.02	0.1
1	BOLIVINA SP. A	0.0 0.0	0.0 0.41	0.0	0.0	0.07	0.07	0.5
1	BOLIVINA SP. B	0.0 0.0	0.0 0.10	0.0	0.0	0.02	0.02	0.1
1	BRIZALINA SPATHULATA	0.0 0.0	0.0 0.31	0.0	0.0	0.05	0.05	0.4
1	BRIZALINA SUBAENARLENSIS VAR. M	0.0 0.0	0.0 0.41	0.0	0.0	0.07	0.07	0.5
1	RECTOBOLIVINA ADVENA	0.0 0.0	0.0 0.20	0.0	0.0	0.03	0.03	0.2
1	RECTOBOLIVINA DIMORPHA	0.0 0.0	0.0 0.10	0.0	0.0	0.02	0.02	0.1
1	ISLANDIELLA SUBGLOBOSA	0.0 0.61	0.0 2.44	0.0	0.0	0.51	0.40	3.6
1	STILOSTOMELLA ANTILLEA	0.0 0.0	0.0 0.20	0.0	0.0	0.03	0.03	0.2

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BENTHIC MICROINFAUNA

FORAMINIFERA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA					-	S. E.	REL
		11	12	23	24	X		AB%
		25	36					
1	BULIMINA MARGINATA	0.0 0.0	0.0 0.10	0.0	0.0	0.02	0.02	0.1
1	BULIMINA SP. A	0.0 0.0	0.0 0.10	0.0	0.0	0.02	0.02	0.1
1	BEUSSELLA ATLANTICA	0.0 0.10	0.0 0.0	0.0	0.10	0.03	0.02	0.2
1	TRIFARINA ANGULOSA	0.0 0.0	0.10 0.71	0.0	0.0	0.14	0.12	1.0
286 1	TRIFARINA BRADYI	0.0 0.0	0.0 2.55	0.0	0.0	0.42	0.42	3.0
1	UVIGERINA AUBERIANA	0.0 0.0	0.0 0.20	0.0	0.0	0.03	0.03	0.2
1	ROSALINA BERTHELDTI	0.0 0.0	0.0 0.10	0.0	0.0	0.02	0.02	0.1
1	ROSALINA FLORIDANA	0.31 0.0	0.10 0.61	0.31	0.10	0.24	0.09	1.7
1	ROTORBINELLA LOMAENSIS	0.41 0.0	0.10 0.0	0.0	0.0	0.08	0.07	0.6
1	EPONIDES ANTILLARM	0.0 0.41	0.0 0.0	0.0	0.0	0.07	0.07	0.5
1	POROEPONIDES LATERALIS	0.0 0.20	0.10 0.0	0.0	0.10	0.07	0.03	0.5
1	ASTERIGERINA CARINATA	0.0 0.0	0.0 0.0	0.10	0.31	0.07	0.05	0.5
1	CIBICIDES PSEUDOUNGERIANUS	0.0 0.0	0.0 0.10	0.0	0.51	0.10	0.08	0.7
1	CIBICIDES WUELLERSTORFI	0.0 0.0	0.0 0.51	0.0	0.0	0.08	0.08	0.6

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BENTHIC MICROINFAUNA

FORAMINIFERA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA					-	S. E.	REL AB%
		11	12	23	24	X		
		25	36					
1	PLANULINA EXORNA	0.10 0.81	0.10 0.51	0.41	1.02	0.49	0.15	3.5
1	PLANORBULINA MEDITERRANENSIS	0.20 0.31	0.0 0.0	0.20	0.31	0.17	0.06	1.2
1	AMMONIA BECCARII	0.51 0.10	0.0 0.0	0.41	0.0	0.17	0.09	1.2
1	BUCCELLA HANNAI	0.0 0.10	0.31 0.0	0.0	0.0	0.07	0.05	0.5
1	ELPHIDIUM ADVENUM	0.10 0.0	0.0 0.0	0.0	0.0	0.02	0.02	0.1
1	ELPHIDIUM DISCOIDALE	0.20 0.41	0.20 0.41	0.10	0.0	0.22	0.07	1.5
1	ELPHIDIUM EXCAVATUM FORMA CLAVA	1.12 0.10	1.12 0.0	1.73	0.41	0.75	0.28	5.2
1	ELPHIDIUM POEYANUM	0.0 0.0	0.0 0.0	0.41	0.0	0.07	0.07	0.5
1	ELPHIDIUM SP. A	0.10 0.10	0.0 0.0	0.20	0.0	0.07	0.03	0.5
1	FURSENKOINA COMPRESSA	0.0 0.0	0.0 0.10	0.0	0.0	0.02	0.02	0.1
1	FURSENKOINA MEXICANA	0.0 0.0	0.0 0.20	0.0	0.0	0.03	0.03	0.2
1	FURSENKOINA SPINICOSTATA	0.0 0.0	0.0 0.10	0.0	0.0	0.02	0.02	0.1
1	CASSIDULINA LAEVIGATA	0.0 0.10	0.0 7.13	0.0	0.0	1.21	1.19	8.5
1	EHRENBERGINA TRIGONA	0.0 0.0	0.0 0.41	0.0	0.0	0.07	0.07	0.5

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WINTER CRUISE 1977

BENTHIC MICROINFAUNA

FORAMINIFERA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 36	23	24	- X	S.E.	REL AB%
1	NONIONELLA ATLANTICA	0.0 0.10	0.10 0.51	0.10	0.31	0.19	0.08	1.3
1	NONIONELLA TURGIDA	0.0 0.0	0.0 0.31	0.0	0.0	0.05	0.05	0.4
1	HANZAWAIA CONCENTRICA	0.20 3.26	0.41 0.10	1.02	2.55	1.26	0.54	8.8
1	MELONIS ZAANDAMI	0.0 0.0	0.0 0.20	0.0	0.0	0.03	0.03	0.2
1	MELONIS SP. A	0.0 0.0	0.0 0.10	0.0	0.0	0.02	0.02	0.1
	TOTAL	7.94 7.64	4.79 49.60	8.56	6.93	14.24	7.09	100.0
	DIVERSITY (H PRIME)	3.59 3.20	3.46 3.13	3.80	3.21	3.40	0.11	
	DIVERSITY (J PRIME)	0.82 0.73	0.87 0.55	0.85	0.78	0.77	0.05	
	NUMBER OF TAXA	21 21	16 53	22	17	86		
	ABOVE COMPUTED USING SAMPLE IDS	1011 1051 1221 1171 1131 1091						

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WINTER CRUISE 1977

BENTHIC MICROINFAUNA

FORAMINIFERA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

PC TC GC S LDC  
6 1 43 1 2113

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL			WIND			CURRENT			TEMP								
				UNITS	C			SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR	WAT	BT	TURBD	COND	DO	PH	SALN
1261	2/12/77	919	1	0.0	0	12.5	12.5	0.0	0	600.0	7	0.0	0	0	0	0	0.0	0	0.0	7.77	30	0.0	0	10.4	0.0	33.5	6
1301	2/12/77	2139	1	0.0	0	16.0	16.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	8.94	55	0.0	0	10.1	0.0	34.8	6	
1351	2/13/77	954	1	0.0	0	22.5	22.5	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	9.57	20	0.0	0	10.3	0.0	35.3	6	
1391	2/13/77	2009	2	0.0	0	30.0	30.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	10.42	55	0.0	0	10.3	0.0	35.5	6	
1441	2/14/77	1019	1	0.0	0	36.0	36.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	12.66	20	0.0	0	7.8	0.0	35.9	6	
1491	2/14/77	1729	1	0.0	0	44.0	44.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	13.86	55	0.0	0	7.5	0.0	36.0	6	
1541	2/15/77	708	2	0.0	0	21.8	21.8	0.0	0	600.7	7	0.0	0	0	0	0.0	0	0.0	12.63	55	0.0	0	5.1	0.0	35.7	0	

LS	TAXA	11		12		23		24		X	S.E.	REL AB%
		25	26	37								
1	REOPHAX SCORPIURUS	0.10	0.0	0.0	0.0	0.0	0.0	0.01	0.01	0.1		
1	TEXTULARIA AGGLUTINANS	0.0	0.10	0.41	0.20	0.10	0.06	0.6				
1	TEXTULARIA CONICA	0.0	0.0	2.55	0.0	0.36	0.36	2.0				
1	TEXTULARIA FOLIACEA VAR. OCCIDE	0.0	0.0	0.41	0.0	0.06	0.06	0.3				
1	TROCHAMMINA ADVENA	0.0	0.0	0.10	0.0	0.01	0.01	0.1				
1	GAUDRYINA AEGUA	0.0	0.0	0.20	0.0	0.03	0.03	0.2				
1	UNIDENTIFIED: 901080803	0.10	0.20	0.0	0.0	0.06	0.03	0.3				
1	CYCLOGYRA PLANORBIS	0.0	0.0	0.10	0.0	0.01	0.01	0.1				
1	NODOBACULARIELLA ATLANTICA	0.0	0.0	0.0	0.0	0.03	0.03	0.2				
1	SPIROLOCULINA ATLANTICA	0.0	0.0	0.0	0.10	0.01	0.01	0.1				

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TRANSECT REPORT

LS	TAXA					-	S. E.	REL AB%
		11	12	23	24	X		
		25	26	37				
1	WIESNERELLA AURICULATA	0.0 0.0	0.10 0.0	0.0 0.0	0.0	0.01	0.01	0.1
1	MILIOLINELLA CIRCULARIS	0.0 0.0	0.20 0.51	0.31 0.20	0.20	0.20	0.07	1.1
1	MILIOLINELLA OBLONGA	0.0 0.0	0.10 0.0	0.41 0.20	0.0	0.10	0.06	0.6
1	QUINGUELOCULINA CANDEIANA	0.0 0.0	0.0 0.0	0.20 0.0	0.0	0.03	0.03	0.2
290 1	QUINGUELOCULINA JUGOSA	0.20 0.0	0.0 0.0	0.0 0.0	0.0	0.03	0.03	0.2
1	QUINGUELOCULINA LAMARCHIANA	0.0 0.0	0.41 0.10	0.31 0.0	0.0	0.12	0.06	0.6
1	PENEROPLIS PROTEUS	0.0 0.0	0.0 0.0	0.0 0.0	0.10	0.01	0.01	0.1
1	LENTICULINA IOTA	0.0 0.0	0.0 0.0	0.10 0.41	0.0	0.07	0.06	0.4
1	VAGINULINOPSIS ADVENUM	0.0 0.0	0.0 0.0	0.20 0.0	0.0	0.03	0.03	0.2
1	GLOBULINA CARIBAEA	0.0 0.10	0.0 0.0	0.0 0.0	0.0	0.01	0.01	0.1
1	GUTTULINA AUSTRALIS	0.0 0.20	0.0 0.0	0.10 0.0	0.0	0.04	0.03	0.2
1	GUTTULINA SP. CF. G. YABEI	0.0 0.41	0.0 0.10	0.0 0.0	0.0	0.07	0.06	0.4
1	POLYMORPHINA PULCHELLA	0.0 0.0	0.0 0.0	0.0 0.20	0.0	0.03	0.03	0.2
1	PSEUDOPOLYMORPHINA NOVANGLIAE	0.0 0.10	0.0 0.0	0.0 0.41	0.0	0.07	0.06	0.4

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TRANSECT REPORT

LS	TAXA					-	S. E.	REL
		11	12	23	24	X		AB%
		25	26	37				
1	FISSURINA MARGINATA	0.0 0.0	0.0 0.0	0.0 0.41	0.0	0.06	0.06	0.3
1	OOLINA LINEATA	0.0 0.0	0.0 0.0	0.0 0.20	0.0	0.03	0.03	0.2
1	BOLIVINA ALBATROSSI	0.0 0.0	0.0 0.0	0.10 0.0	0.0	0.01	0.01	0.1
1	BOLIVINA LIMBATA VAR. COSTATULA	0.10 0.0	0.0 0.0	0.0 0.41	0.0	0.07	0.06	0.4
1	BOLIVINA LOWMANI	0.51 0.10	0.20 0.0	8.15 15.06	0.0	3.43	2.24	18.9
1	BOLIVINA PSEUD/PUNCTATA	0.0 0.0	0.0 0.0	0.10 0.0	0.0	0.01	0.01	0.1
1	BOLIVINA STRIATULA VAR. SPINATA	0.0 0.0	0.0 0.0	0.10 0.0	0.0	0.01	0.01	0.1
1	BOLIVINA TRANSLUCENS	0.20 0.0	0.0 0.0	0.0 0.0	0.0	0.03	0.03	0.2
1	BOLIVINA SP. B	0.0 0.0	0.0 0.0	0.0 0.41	0.0	0.06	0.06	0.3
1	BOLIVINA SP. C	0.10 0.0	0.0 0.0	0.0 0.0	0.0	0.01	0.01	0.1
1	RECTOBOLIVINA ADVENA	0.0 0.0	0.0 0.0	0.31 0.0	0.10	0.06	0.04	0.3
1	ISLANDIELLA SUBGLOBOSA	0.10 0.10	0.0 0.81	0.41 37.64	0.0	5.58	5.34	30.7
1	BULIMINA MARGINATA	0.0 0.0	0.0 0.0	0.0 0.20	0.0	0.03	0.03	0.2
1	BEUSSELLA ATLANTICA	0.0 0.0	0.0 0.0	0.71 0.0	0.0	0.10	0.10	0.6

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TRANSECT REPORT

LS	TAXA					-	S. E.	REL
		11	12	23	24	X		AB%
		25	26	37				
1	SAGRINA PULCHELLA	0.0 0.0	0.0 0.10	0.0 0.0	0.0	0.01	0.01	0.1
1	TRIFARINA ANGULOSA	0.10 0.10	0.10 0.10	1.12 0.20	0.0	0.25	0.15	1.4
1	TRIFARINA BRADYI	0.0 0.0	0.0 0.0	0.10 0.61	0.0	0.10	0.09	0.6
1	CANCRIS OBLONGA	0.0 0.20	0.0 0.0	0.20 0.20	0.0	0.09	0.04	0.5
1	NEOCONORBINA TERQUEMI	0.0 0.10	0.10 0.0	0.10 0.41	0.0	0.10	0.05	0.6
1	ROSALINA FLORIDANA	0.0 0.10	0.0 0.0	0.10 1.22	0.10	0.22	0.17	1.2
1	ROTORBINELLA LOMAENSIS	1.02 0.0	0.0 0.0	0.20 0.0	0.0	0.17	0.14	1.0
1	EPONIDES ANTILLARM	0.0 0.20	0.0 0.20	0.0 0.0	0.0	0.06	0.04	0.3
1	EPONIDES TUMIDULUS	0.0 0.0	0.0 0.0	0.0 0.20	0.0	0.03	0.03	0.2
1	POROEPONIDES LATERALIS	0.0 0.10	0.0 0.31	0.0 0.0	0.20	0.09	0.05	0.5
1	ASTERIGERINA CARINATA	0.0 0.31	0.0 0.0	0.10 0.0	0.51	0.13	0.08	0.7
1	CIBICIDES PSEUDOUNGERIANUS	0.10 0.10	0.10 0.41	0.0 1.63	0.0	0.33	0.22	1.8
1	CIBICIDES RUGOSUS	0.0 0.0	0.0 0.0	0.10 0.0	0.0	0.01	0.01	0.1
1	PLANULINA EXORNA	0.10 3.46	0.0 0.61	1.94 0.81	1.53	1.21	0.46	6.6

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TRANSECT REPORT

LS	TAXA					-	S. E.	REL
		11	12	23	24	X		AB.
		25	26	37				
1	PLANORBULINA MEDITERRANENSIS	0.0 0.51	0.71 0.10	0.31 0.0	1.12	0.39	0.16	2.2
1	AMMONIA BECCARII	5.09 0.0	0.0 0.0	0.31 0.0	0.0	0.77	0.72	4.2
1	BUCCELLA HANNAI	0.0 0.10	0.0 0.0	0.0 0.0	0.0	0.01	0.01	0.1
1	ELPHIDIUM ADVENUM	0.0 0.0	0.10 0.0	0.20 0.0	0.0	0.04	0.03	0.2
1	ELPHIDIUM DISCOIDALE	0.0 0.31	0.0 0.0	0.20 0.0	0.0	0.07	0.05	0.4
1	ELPHIDIUM EXCAVATUM FORMA CLAVA	6.21 0.41	0.51 0.0	0.10 0.0	0.0	1.03	0.87	5.7
1	ELPHIDIUM POEYANUM	0.0 0.31	0.0 0.0	0.0 0.0	0.0	0.04	0.04	0.2
1	ELPHIDIUM SP. A	0.0 0.0	0.10 0.0	0.0 0.0	0.0	0.01	0.01	0.1
1	FURSENKOINA COMPLANATA	0.0 0.0	0.0 0.0	0.10 0.0	0.0	0.01	0.01	0.1
1	FURSENKOINA PONTONI	0.0 0.0	0.0 0.0	0.0 0.20	0.0	0.03	0.03	0.2
1	FURSENKOINA PUNCTATA	0.0 0.0	0.0 0.0	0.10 0.0	0.0	0.01	0.01	0.1
1	CASSIDULINA LAEVIGATA	0.0 0.10	0.0 0.51	0.0 1.83	0.0	0.35	0.26	1.9
1	NONIONELLA ATLANTICA	0.0 0.10	0.0 0.10	0.51 1.02	0.41	0.31	0.14	1.7
1	NONIONELLA TURGIDA	0.0 0.0	0.0 0.0	0.10 0.0	0.0	0.01	0.01	0.1

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LS	TAXA	11 25	12 26	23 37	24	- X	S.E.	REL AB%
1	HANZAWAIA CONCENTRICA	0.41 3.67	0.20 0.20	2.85 0.20	0.61	1.16	0.55	6.4
1	MELONIS ZAANDAMI	0.0 0.0	0.0 0.0	0.0 0.41	0.0	0.06	0.06	0.3
TOTAL		14.46 11.41	3.26 4.28	24.04 64.70	5.19	18.19	8.23	100.0
DIVERSITY (H PRIME)		2.21 3.16	3.52 3.50	3.75 2.15	2.97	3.04	0.24	
DIVERSITY (J PRIME)		0.57 0.69	0.90 0.90	0.71 0.46	0.83	0.72	0.06	
NUMBER OF TAXA		15 24	15 15	39 25	12	68		

ABOVE COMPUTED USING SAMPLE IDS

1261	1301	1351	1391
1441	1491	1541	

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TRANSECT REPORT

PC TC GC S LOC  
6 1 43 1 3113

SID	DATE	TIME	D/N	DURATION		SD	WD	TOW		SAMP VOL		WIND		CURRENT		TEMP				COND	DO	PH	SALN	P		
				UNITS	C			SP	D	UNITS	C	SECH	WT	SC	DI	CL	SP	DI	AIR						WAT	BT
1621	2/17/77	334	2	0.0	0	9.0	9.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	7.67	20	0.0	0	3.3	0.0	32.3	6
1651	2/17/77	620	1	0.0	0	13.7	13.7	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	0.0	0.0	20	0.0	0	10.0	0.0	33.1	6
1691	2/17/77	1618	1	0.0	0	24.0	24.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	0.0	0.0	20	0.0	0	9.0	0.0	35.7	6
1721	2/17/77	1955	2	0.0	0	39.0	39.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	0.0	13.58	20	0.0	0	8.3	0.0	36.2	6
1761	2/18/77	130	2	0.0	0	42.6	42.6	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	0.0	13.61	55	0.0	0	7.2	0.0	36.1	6
1801	2/18/77	1352	1	0.0	0	540.0	540.0	0.0	0	600.0	7	0.0	0	0	0.0	0	0.0	0.0	8.94	30	0.0	0	4.4	0.0	35.0	6

LS	TAXA	11		12		23	24	X	S.E.	REL AB%
		25	36	36	36					
1	TEXTULARIA AGGLUTINANS	0.47	0.41	0.10	0.0	0.20	0.0	0.20	0.08	2.0
1	TEXTULARIA CANDEIANA	0.0	0.0	0.0	0.0	0.10	0.0	0.02	0.02	0.2
1	TEXTULARIA CONICA	0.47	0.20	0.20	0.0	0.0	0.31	0.20	0.07	2.0
1	UNIDENTIFIED: 901080803	0.12	0.10	0.0	0.0	0.0	0.0	0.04	0.02	0.4
1	SPIROLOCULINA ATLANTICA	0.0	0.0	0.0	0.0	0.10	0.0	0.02	0.02	0.2
1	ARTICULINA MUCRONATA	0.0	0.10	0.0	0.0	0.0	0.0	0.02	0.02	0.2
1	MILIOLINELLA CIRCULARIS	0.0	0.10	0.0	0.0	0.10	0.0	0.03	0.02	0.3
1	MILIOLINELLA OBLONGA	0.0	0.10	0.0	0.0	0.0	0.0	0.02	0.02	0.2
1	PATEORIS HAUERINOIDES	0.0	0.0	0.10	0.0	0.0	0.0	0.02	0.02	0.2
1	QUINGUELOCULINA COMPTA	0.47	0.20	0.0	0.0	0.0	0.0	0.11	0.08	1.1
1	QUINGUELOCULINA JUGOSA	0.47	0.71	0.0	0.0	0.0	0.0	0.20	0.13	2.0

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LS	TAXA	11 25	12 36	23	24	- X	S.E.	REL ABT
1	QUINGUELOCULINA LAMARCHIANA	0.93 0.0	1.32 0.0	0.92	0.0	0.53	0.24	5.2
1	QUINGUELOCULINA SEMINULUM	0.47 0.0	0.0 0.0	0.0	0.0	0.08	0.08	0.8
1	QUINGUELOCULINA SUBPOEYANA	0.12 0.0	0.0 0.0	0.0	0.0	0.02	0.02	0.2
1	SIGMOILINA ANTILLARUM	0.0 0.0	0.10 0.0	0.0	0.0	0.02	0.02	0.2
1	PENEROPLIS PROTEUS	0.12 0.0	0.10 0.0	0.10	0.0	0.05	0.02	0.5
1	VAGINULINOPSIS ADVENUM	0.0 0.10	0.0 0.0	0.0	0.0	0.02	0.02	0.2
1	GUTTULINA AUSTRALIS	0.0 0.0	0.10 0.0	0.0	0.0	0.02	0.02	0.2
1	GUTTULINA SP. CF. G. YABEI	0.0 0.61	0.0 0.0	0.0	0.0	0.10	0.10	1.0
1	BOLIVINA LIMBATA VAR. COSTATULA	0.23 0.0	0.0 0.0	0.0	0.0	0.04	0.04	0.4
1	BOLIVINA LOWMANI	0.12 0.10	0.20 0.0	0.20	0.20	0.14	0.03	1.4
1	RECTOBOLIVINA ADVENA	0.0 0.0	0.10 0.0	0.0	0.0	0.02	0.02	0.2
1	ISLANDIELLA SUBGLOBOSA	0.0 1.02	0.0 0.10	0.0	0.10	0.20	0.16	2.0
1	PAVONINA ATLANTICA	0.0 0.10	0.0 0.0	0.0	0.0	0.02	0.02	0.2
1	BEUSSELLA ATLANTICA	0.58 0.10	0.0 0.0	0.10	0.0	0.13	0.09	1.3

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TRANSECT REPORT

LS	TAXA	11 25	12 36	23	24	- X	S.E.	REL AB%
1	TRIFARINA ANGULOSA	1.51 0.0	0.51 0.0	0.10	0.10	0.37	0.24	3.7
1	NEOCONORBINA TERQUEMI	0.0 0.0	0.10 0.0	0.0	0.0	0.02	0.02	0.2
1	ROSALINA FLORIDANA	0.23 0.0	0.61 0.0	0.0	0.0	0.14	0.10	1.4
1	ROTORBINELLA LOMAENSIS	0.12 0.0	0.0 0.0	0.10	0.0	0.04	0.02	0.4
1	EPONIDES ANTILLARM	0.0 0.10	0.0 0.0	0.0	0.0	0.02	0.02	0.2
1	POROEPONIDES LATERALIS	0.0 0.10	0.0 0.0	0.0	0.0	0.02	0.02	0.2
1	ASTERIGERINA CARINATA	0.0 0.0	0.20 0.0	0.20	0.0	0.07	0.04	0.7
1	CIBICIDES PSEUDOUNGERIANUS	0.0 0.10	0.0 0.0	0.10	0.0	0.03	0.02	0.3
1	PLANULINA EXORNA	0.81 5.60	0.71 0.0	0.31	2.44	1.65	0.86	16.3
1	PLANORBULINA MEDITERRANENSIS	1.75 0.61	1.83 0.0	0.41	0.71	0.89	0.30	8.8
1	ACERVULINA INHAERENS	0.0 0.0	0.0 0.0	0.10	0.0	0.02	0.02	0.2
1	AMMONIA BECCARII	5.70 0.0	2.14 0.0	0.20	0.0	1.34	0.94	13.3
1	ELPHIDIUM ADVENUM	0.0 0.10	0.0 0.0	0.0	0.0	0.02	0.02	0.2
1	ELPHIDIUM DISCOIDALE	0.35 0.0	0.0 0.0	0.0	0.0	0.06	0.06	0.6

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FORAMINIFERA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 36	23	24	- X	S.E.	REL AB%
1	ELPHIDIUM EXCAVATUM FORMA CLAVA	7.57 0.10	4.28 0.0	0.10	0.0	2.01	1.31	19.9
1	ELPHIDIUM POEYANUM	0.0 0.0	0.0 0.0	0.0	0.10	0.02	0.02	0.2
1	ELPHIDIUM SP. A	0.23 0.10	0.20 0.0	0.0	0.0	0.09	0.04	0.9
1	NONIONELLA ATLANTICA	0.47 0.10	0.31 0.0	0.0	0.10	0.16	0.08	1.6
1	HANZAWAIA CONCENTRICA	0.58 1.32	2.24 0.0	0.0	1.22	0.89	0.36	8.9
298	TOTAL	23.86 10.69	17.01 0.10	3.46	5.30	10.07	3.67	100.0
	DIVERSITY (H PRIME)	3.29 2.60	3.62 0.0	3.64	2.25	2.57	0.56	
	DIVERSITY (J PRIME)	0.73 0.61	0.78 0.0	0.89	0.71	0.62	0.13	
	NUMBER OF TAXA	23 19	25 1	17	9	44		

ABOVE COMPUTED USING SAMPLE IDS

1621	1651	1691	1721
1761	1801		

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TRANSECT REPORT

PC TC GC S LOC  
6 1 43 1 4113

SID	DATE	TIME	D/N	DURATION			TOW				SAMP VOL				WIND				CURRENT				TEMP				COND	DO	PH	SALN	P
				UNITS	C	SD	WD	SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR	WAT	BT	TURBD								
1831	2/20/77	1313	1	0.0	0	11.0	11.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	0	0.0	0	0.0	8.68	77	0.0	0	9.9	0.0	31.3	0	
1861	2/20/77	1733	1	0.0	0	11.0	11.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	0	0.0	0	0.0	9.03	55	0.0	0	10.2	0.0	31.6	0	
1891	2/24/77	1615	1	0.0	0	20.0	20.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	0	0.0	0	0.0	10.64	20	0.0	0	9.2	0.0	34.7	6	
1931	2/24/77	2327	2	0.0	0	26.0	26.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	0	0.0	0	0.0	13.44	55	0.0	0	8.7	0.0	36.1	6	
1971	2/23/77	1835	2	0.0	0	36.0	36.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	0	0.0	0	0.0	13.46	55	0.0	0	8.7	0.0	35.9	6	
2011	2/23/77	1217	1	0.0	0	65.0	65.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	0	0.0	0	0.0	15.46	55	0.0	0	7.5	0.0	36.3	6	
2051	2/23/77	303	2	0.0	0	478.0	478.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	0	0.0	0	0.0	0.0	55	0.0	0	5.1	0.0	34.9	6	

LS	TAXA	11		12		23		24		REL	S.E.	AB%
		25	26	37								
1	REOPHAX SCORPIURUS	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.01	0.1
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
299	TEXTULARIA AGGLUTINANS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.07	0.5
		0.0	0.49	0.0	0.0	0.0	0.0	0.0	0.0			
1	TEXTULARIA CANDEIANA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.02	0.2
		0.0	0.16	0.0	0.0	0.0	0.0	0.0	0.0			
1	TEXTULARIA CONICA	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.04	0.03	0.3
		0.0	0.16	0.0	0.0	0.0	0.0	0.0	0.0			
1	WIESNERELLA AURICULATA	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.03	0.4
		0.0	0.16	0.0	0.0	0.0	0.0	0.0	0.0			
1	MILIOLINELLA CIRCULARIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.07	0.5
		0.0	0.49	0.0	0.0	0.0	0.0	0.0	0.0			
1	MILIOLINELLA FICHTELIANA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.05	0.3
		0.0	0.32	0.0	0.0	0.0	0.0	0.0	0.0			
1	QUINGUELOCULINA COMPTA	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.01	0.1
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
1	QUINGUELOCULINA LAMARCHIANA	0.20	0.0	0.10	0.0	0.10	0.0	0.0	0.0	0.14	0.09	0.9
		0.0	0.65	0.0	0.0	0.0	0.0	0.0	0.0			
1	SIGMOILINA ANTILLARUM	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.01	0.1
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

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LS	TAXA	11 25	12 26	23 37	24	- X	S.E.	REL ABS
1	PENEROPLIS PROTEUS	0.0 0.0	0.0 0.0	0.10 0.0	0.0	0.01	0.01	0.1
1	NODOSARIA CATESBYI	0.0 0.0	0.0 0.16	0.0 0.0	0.0	0.02	0.02	0.2
1	VAGINULINOPSIS ADVENUM	0.0 0.0	0.0 0.16	0.0 0.0	0.0	0.02	0.02	0.2
1	GUTTULINA SP. CF. G. YABEI	0.0 0.20	0.0 0.32	0.0 0.0	0.0	0.08	0.05	0.5
1	PSEUDOPOLYMORPHINA NOVANGLIAE	0.0 0.10	0.0 0.0	0.0 0.0	0.0	0.01	0.01	0.1
300 1	WEBBINELLA CONCAVA	0.0 0.0	0.0 0.16	0.0 0.0	0.0	0.02	0.02	0.2
1	HOEGLUNDINA ELEGANS	0.0 0.0	0.0 0.0	0.0 0.10	0.0	0.01	0.01	0.1
1	BOLIVINA LOWMANI	0.41 0.20	0.20 0.49	0.20 0.10	0.0	0.23	0.06	1.6
1	BOLIVINA SP. CT. B. PLICATA	0.10 0.0	0.0 0.0	0.0 0.0	0.0	0.01	0.01	0.1
1	BRIZALINA SPATHULATA	0.0 0.0	0.10 0.0	0.0 0.0	0.0	0.01	0.01	0.1
1	RECTOBOLIVINA ADVENA	0.51 0.0	0.10 0.0	0.10 0.0	0.0	0.10	0.07	0.7
1	ISLANDIELLA SUBGLOBOSA	0.31 0.0	0.0 13.65	0.10 0.0	0.0	2.01	1.94	13.9
1	BULIMINA ACULEATA	0.0 0.0	0.0 0.0	0.0 0.10	0.0	0.01	0.01	0.1
1	BEUSSELLA ATLANTICA	0.71 0.10	0.20 1.46	0.0 0.0	0.0	0.35	0.21	2.4

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LS	TAXA	11 25	12 26	23 37	24	- X	S.E.	REL AB%
1	SAGRINA PULCHELLA	0.31 0.0	0.0 0.0	0.0 0.0	0.0	0.04	0.04	0.3
1	TRIFARINA ANGULOSA	2.14 0.20	0.20 1.14	0.0 0.0	0.0	0.53	0.31	3.6
1	CANCRIS OBLONGA	0.0 0.10	0.0 0.0	0.0 0.0	0.0	0.01	0.01	0.1
1	ROSALINA FLORIDANA	0.92 0.0	0.0 0.32	0.0 0.0	0.0	0.18	0.13	1.2
1	ROTORBINELLA LOMAENSIS	0.0 0.0	0.10 0.32	0.10 0.0	0.0	0.08	0.05	0.5
1	EPONIDES ANTILLARM	0.0 0.0	0.0 0.81	0.0 0.0	0.0	0.12	0.12	0.8
1	POROEPONIDES LATERALIS	0.0 0.10	0.0 0.0	0.0 0.0	0.0	0.01	0.01	0.1
1	GLABRATELLA LAURIEI	0.0 0.0	0.0 0.16	0.0 0.0	0.0	0.02	0.02	0.2
1	ASTERIGERINA CARINATA	0.0 0.0	0.0 0.0	0.10 0.0	0.10	0.03	0.02	0.2
1	CIBICIDES PSEUDOUNGERIANUS	0.41 0.10	0.0 0.65	0.0 0.0	0.0	0.17	0.10	1.1
1	PLANULINA EXORNA	1.02 1.32	0.0 17.87	0.51 0.0	0.92	3.09	2.47	21.3
1	PLANORBULINA MEDITERRANENSIS	0.0 0.0	0.0 2.44	0.10 0.0	0.10	0.38	0.34	2.6
1	AMMONIA BECCARII	7.44 0.0	0.31 0.0	0.31 0.0	0.0	1.15	1.05	7.9
1	BUCCELLA HANNAI	0.0 0.0	0.10 0.16	0.0 0.0	0.0	0.04	0.03	0.3

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LS	TAXA	11	12	23	24	-	S.E.	REL
		25	26	37		X		AB%
1	ELPHIDIUM ADVENUM	0.0 0.10	0.0 0.32	0.0 0.0	0.0	0.06	0.05	0.4
1	ELPHIDIUM DISCOIDALE	1.02 0.10	0.10 1.30	0.0 0.0	0.0	0.36	0.21	2.5
1	ELPHIDIUM EXCAVATUM FORMA CLAVA	20.27 0.0	0.41 0.0	0.20 0.0	0.0	2.98	2.88	20.6
1	ELPHIDIUM SP. A	0.0 0.0	0.0 0.49	0.0 0.0	0.0	0.07	0.07	0.5
1	CASSIDULINA LAEVIGATA	0.0 0.20	0.0 0.32	0.0 0.0	0.0	0.08	0.05	0.5
302 1	NONIONELLA ATLANTICA	0.51 0.41	0.0 3.74	0.0 0.0	0.0	0.66	0.52	4.6
1	ANOMALINA SEMIPUNCTATA	0.0 0.0	0.0 0.0	0.0 0.51	0.0	0.07	0.07	0.5
1	ANOMALINA SP. A	0.0 0.0	0.0 0.0	0.0 0.10	0.0	0.01	0.01	0.1
1	HANZAWAIA CONCENTRICA	0.20 0.41	0.0 5.69	0.10 0.0	0.20	0.94	0.79	6.5
TOTAL		36.87 3.67	2.04 54.58	2.04 0.92	1.32	14.49	8.30	100.0
DIVERSITY (H PRIME)		2.33 3.17	3.38 3.17	3.30 1.88	1.35	2.65	0.30	
DIVERSITY (J PRIME)		0.55 0.83	0.94 0.65	0.92 0.81	0.68	0.77	0.06	
NUMBER OF TAXA		19 14	12 29	12 5	4	47		

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TRANSECT REPORT

ABOVE COMPUTED USING SAMPLE IDS

1831	1861	1891	1931
1971	2011	2051	

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TRANSECT REPORT

PC TC GC S LOC  
6 1 43 1 5113

SID	DATE	TIME	D/N	DURATION			TOW				SAMP VOL				WIND			CURRENT			TEMP				COND	DO	PH	SAL	P
				UNITS	C	SD	WD	SP	D	UNITS	C	SECH	W	T	SC	DI	CL	SP	DI	AIR	WAT	BT	TURBD						
2031	2/21/77	1929	2	0.0	0	11.0	11.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	9.47	55	0.0	0	10.1	0.0	30.4	6			
2141	2/21/77	1625	1	0.0	0	10.5	10.5	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	9.78	55	0.0	0	9.7	0.0	31.5	6			
2181	2/25/77	1502	1	0.0	0	19.0	19.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	11.49	55	0.0	0	9.1	0.0	34.2	6			
2241	2/25/77	2106	2	0.0	0	26.0	26.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	13.33	56	0.0	0	8.6	0.0	35.8	6			
2291	2/26/77	203	2	0.0	0	33.0	33.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	13.94	55	0.0	0	8.6	0.0	35.4	6			
2331	2/26/77	516	2	0.0	0	37.0	37.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	17.69	55	0.0	0	8.3	0.0	36.1	6			
2371	2/26/77	846	1	0.0	0	41.0	41.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	19.10	55	0.0	0	7.6	0.0	36.2	6			
2421	2/27/77	941	1	0.0	0	101.0	101.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	17.85	20	0.0	0	6.1	0.0	36.2	6			

LS	TAXA	11		12		23		24		X	S.E.	REL AB%
		25	26	27	28							
1	SACCAMMINA ATLANTICA	1.30	0.0	0.0	0.0	0.16	0.16	0.4				
304		0.0	0.0	0.0	0.0							
1	TEXTULARIA AGGLUTINANS	0.0	0.10	0.0	0.0	0.04	0.03	0.1				
		0.0	0.0	0.0	0.20							
1	TEXTULARIA CONICA	1.96	0.0	0.0	0.0	0.32	0.24	0.8				
		0.20	0.10	0.20	0.10							
1	CYCLOGYRA SELSEYENSIS	0.65	0.0	0.0	0.0	0.08	0.08	0.2				
		0.0	0.0	0.0	0.0							
1	NODOBACULARIELLA ATLANTICA	0.0	0.0	0.0	0.0	0.03	0.03	0.1				
		0.0	0.0	0.0	0.20							
1	MILIOLINELLA CIRCULARIS	0.0	0.0	0.0	0.31	0.24	0.14	0.6				
		0.41	0.10	0.0	1.12							
1	MILIOLINELLA FICHELIANA	0.0	0.0	0.0	0.0	0.01	0.01	0.0				
		0.0	0.0	0.0	0.10							
1	MILIOLINELLA OBLONGA	0.0	0.10	0.0	0.10	0.09	0.04	0.2				
		0.0	0.10	0.10	0.31							
1	QUINGUELOCULINA CANDEIANA	0.0	0.10	0.0	0.0	0.01	0.01	0.0				
		0.0	0.0	0.0	0.0							
1	QUINGUELOCULINA COMPTA	0.0	0.10	0.0	0.0	0.01	0.01	0.0				
		0.0	0.0	0.0	0.0							

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TRANSECT REPORT

LS	TAXA	11 25	12 26	23 27	24 38	- X	S.E.	REL AB%
1	QUINGUELOCULINA JUGOSA	0.65 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.08	0.08	0.2
1	QUINGUELOCULINA LAMARCHIANA	0.0 0.10	0.31 0.0	0.0 0.10	0.0 0.0	0.06	0.04	0.2
1	QUINGUELOCULINA SEMINULUM	0.0 0.0	0.10 0.0	0.0 0.0	0.0 0.0	0.01	0.01	0.0
1	SIGMOILINA ANTILLARUM	0.0 0.0	0.10 0.0	0.0 0.0	0.0 0.0	0.01	0.01	0.0
1	PENEROPLIS PROTEUS	0.0 0.0	0.0 0.0	0.0 0.0	0.10 0.0	0.01	0.01	0.0
305	DENTALINA FLINTII	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.10	0.01	0.01	0.0
1	LENTICULINA IOTA	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.10	0.01	0.01	0.0
1	VAGINULINOPSIS LEGUMEN	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.10	0.01	0.01	0.0
1	GLOBULINA CARIBAEA	0.0 0.0	0.0 0.10	0.0 0.0	0.0 0.0	0.01	0.01	0.0
1	GUTTULINA AUSTRALIS	0.0 0.0	0.10 0.10	0.0 0.10	0.20 0.0	0.06	0.03	0.2
1	GUTTULINA SP. CF. G. YABEI	0.0 0.31	0.0 0.10	0.0 0.20	0.20 0.0	0.10	0.04	0.3
1	POLYMORPHINA PULCHELLA	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.10	0.01	0.01	0.0
1	PSEUDOPOLYMORPHINA NOVANGLIAE	0.65 0.0	0.0 0.0	0.0 0.10	0.10 0.10	0.12	0.08	0.3
1	FISSURINA ORBIGNYANA	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.10	0.01	0.01	0.0

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TRANSECT REPORT

LS	TAXA	11 25	12 26	23 27	24 38	- X	S.E.	REL AB%
1	QUINGUELOCULINA JUGOSA	0.65 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.08	0.08	0.2
1	QUINGUELOCULINA LAMARCHIANA	0.0 0.10	0.31 0.0	0.0 0.10	0.0 0.0	0.06	0.04	0.2
1	QUINGUELOCULINA SEMINULUM	0.0 0.0	0.10 0.0	0.0 0.0	0.0 0.0	0.01	0.01	0.0
1	SIGMOCILINA ANTILLARUM	0.0 0.0	0.10 0.0	0.0 0.0	0.0 0.0	0.01	0.01	0.0
1	PENEROPLIS PROTEUS	0.0 0.0	0.0 0.0	0.0 0.0	0.10 0.0	0.01	0.01	0.0
305	DENTALINA FLINTII	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.10	0.01	0.01	0.0
1	LENTICULINA IOTA	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.10	0.01	0.01	0.0
1	VAGINULINOPSIS LEGUMEN	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.10	0.01	0.01	0.0
1	GLOBULINA CARIBAEA	0.0 0.0	0.0 0.10	0.0 0.0	0.0 0.0	0.01	0.01	0.0
1	GUTTULINA AUSTRALIS	0.0 0.0	0.10 0.10	0.0 0.10	0.20 0.0	0.06	0.03	0.2
1	GUTTULINA SP. CF. G. YABEI	0.0 0.31	0.0 0.10	0.0 0.20	0.20 0.0	0.10	0.04	0.3
1	POLYMORPHINA PULCHELLA	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.10	0.01	0.01	0.0
1	PSEUDOPOLYMORPHINA NOVANGLIAE	0.65 0.0	0.0 0.0	0.0 0.10	0.10 0.10	0.12	0.08	0.3
1	FISSURINA ORBIGNYANA	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.10	0.01	0.01	0.0

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TRANSECT REPORT

LS	TAXA					-	S. E.	REL
		11	12	23	24	X		AB%
		25	26	27	38			
1	BOLIVINA LIMBATA VAR. COSTATULA	0.65 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.08	0.08	0.2
1	BOLIVINA LOWMANI	3.26 0.10	0.71 0.0	0.0 0.51	0.0 3.26	0.98	0.51	2.5
1	RECTOBOLIVINA ADVENA	6.52 0.10	0.0 0.10	0.0 0.0	0.0 0.0	0.84	0.81	2.2
1	CASSIDULINOIDES BRADYI	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.10	0.01	0.01	0.0
1	ISLANDIELLA SUBGLOBOSA	0.65 0.20	0.0 0.10	0.0 0.81	0.20 6.62	1.07	0.80	2.8
306	BEUSSELLA ATLANTICA	8.47 0.0	0.20 0.0	0.0 0.0	0.0 0.0	1.08	1.06	2.8
1	SAGRINA PULCHELLA	0.65 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.08	0.08	0.2
1	TRIFARINA ANGULOSA	20.86 0.0	0.20 0.20	0.0 0.41	0.0 0.41	2.76	2.59	7.1
1	TRIFARINA BRADYI	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.10	0.01	0.01	0.0
1	CANCRIS OBLONGA	0.0 0.0	0.0 0.10	0.0 0.0	0.0 0.31	0.05	0.04	0.1
1	NEOCONORBINA TERQUEMI	0.0 0.0	0.0 0.0	0.10 0.10	0.0 0.0	0.03	0.02	0.1
1	ROSALINA BERTHELOTI	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.10	0.01	0.01	0.0
1	ROSALINA FLORIDANA	6.52 0.0	0.10 0.0	0.10 0.0	0.0 0.0	0.84	0.81	2.2
1	ROTORBINELLA LOMAENSIS	0.65 0.0	0.10 0.0	0.0 0.0	0.10 0.81	0.21	0.12	0.5

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BENTHIC MICROINFAUNA

FORAMINIFERA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 26	23 27	24 38	X	S.E.	REL AB%
1	POROEPONIDES LATERALIS	0.0 0.0	0.0 0.10	0.0 0.0	0.0 0.0	0.01	0.01	0.0
1	ASTERIGERINA CARINATA	0.0 0.10	0.0 0.0	0.0 0.0	0.31 0.0	0.05	0.04	0.1
1	CIBICIDES PSEUDOUNGERIANUS	0.0 0.0	0.0 0.10	0.0 0.20	0.0 0.20	0.06	0.03	0.2
1	PLANULINA EXORNA	11.08 1.32	0.51 1.53	0.71 1.94	0.81 3.67	2.70	1.25	6.9
1	PLANORBULINA MEDITERRANENSIS	0.0 0.20	0.31 0.10	0.0 0.20	0.20 0.41	0.24	0.09	0.6
307	AMMONIA BECCARII	76.92 0.0	0.20 0.0	0.31 0.0	0.10 0.0	9.69	9.60	24.8
1	ELPHIDIUM ADVENUM	0.65 0.0	0.0 0.0	0.0 0.0	0.10 0.10	0.11	0.08	0.3
1	ELPHIDIUM DISCOIDALE	9.78 0.0	0.0 0.10	0.0 0.0	0.10 0.0	1.25	1.22	3.2
1	ELPHIDIUM EXCAVATUM FORMA CLAVA	111.47 0.10	0.51 0.0	0.92 0.10	0.0 0.0	14.14	13.91	36.2
1	ELPHIDIUM POEYANUM	0.0 0.0	0.0 0.0	0.10 0.0	0.0 0.0	0.01	0.01	0.0
1	ELPHIDIUM SP. A	1.96 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.24	0.24	0.6
1	FURSENKOINA COMPLANATA	0.65 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.08	0.08	0.2
1	FURSENKOINA MEXICANA	0.0 0.0	0.0 0.0	0.0 0.10	0.0 0.0	0.01	0.01	0.0
1	FURSENKOINA PONTONI	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.10	0.01	0.01	0.0

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FORAMINIFERA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA					-	S.E.	REL AB%
		11	12	23	24	X		
		25	26	27	38			
1	CASSIDULINA LAEVIGATA	0.0 0.0	0.10 0.0	0.0 0.10	0.0 0.41	0.08	0.05	0.2
1	NONIONELLA ATLANTICA	1.96 0.20	0.0 0.20	0.10 0.31	0.10 0.0	0.36	0.23	0.9
1	HANZAWAIA CONCENTRICA	1.30 0.20	0.10 0.51	0.10 0.31	0.41 0.10	0.38	0.14	1.0
	TOTAL	269.23 3.56	4.58 3.77	2.44 5.91	3.46 19.35	39.04	32.94	100.0
	DIVERSITY (H PRIME)	2.60 3.10	3.77 3.20	2.38 3.41	3.63 3.15	3.16	0.17	
	DIVERSITY (J PRIME)	0.58 0.84	0.69 0.78	0.79 0.82	0.91 0.66	0.78	0.04	
	NUMBER OF TAXA	23 13	19 17	8 18	16 27	55		
	ABOVE COMPUTED USING SAMPLE IDS	2091	2141	2181	2241			
		2291	2331	2371	2421			

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WINTER CRUISE 1977

BENTHIC MICROINFAUNA

FORAMINIFERA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

PC TC GC S LOC  
6 1 43 1 6113

SID	DATE	TIME	D/N	DURATION			TOW				SAMP VOL				WIND			CURRENT			TEMP			TURBD	COND	DO	PH	SALN	P
				UNITS	C	SD	WD	SP	D	UNITS	C	SECH	WT	SC	DI	CL	SP	DI	AIR	WAT	BT								
2501	2/28/77	1220	1	0.0	0	16.0	16.0	0.0	0	600.0	7	0.0	0	0	0	0	0	0.0	0	0.0	13.07	77	0.0	0	8.8	0.0	34.5	0	
2531	2/28/77	1522	1	0.0	0	19.0	19.0	0.0	0	600.0	7	0.0	0	0	0	0	0	0.0	0	0.0	14.99	55	0.0	0	7.9	0.0	35.4	0	
2571	2/28/77	2117	2	0.0	0	29.0	29.0	0.0	0	600.0	7	0.0	0	0	0	0	0	0.0	0	0.0	15.95	55	0.0	0	8.1	0.0	36.0	6	
2611	3/ 1/77	414	2	0.0	0	32.0	32.0	0.0	0	600.0	7	0.0	0	0	0	0	0	0.0	0	0.0	18.95	20	0.0	0	7.8	0.0	36.3	6	
2641	3/ 1/77	912	1	0.0	0	39.0	39.0	0.0	0	600.0	7	0.0	0	0	0	0	0	0.0	0	0.0	18.17	56	0.0	0	6.6	0.0	35.5	6	
2681	3/ 1/77	1416	1	0.0	0	43.0	43.0	0.0	0	600.0	7	0.0	0	0	0	0	0	0.0	0	0.0	18.49	55	0.0	0	6.6	0.0	36.1	6	
2711	3/ 1/77	1758	1	0.0	0	149.0	149.0	0.0	0	600.0	7	0.0	0	0	0	0	0	0.0	0	0.0	0.0	77	0.0	0	4.6	0.0	35.3	6	
2741	3/ 2/77	107	2	0.0	0	460.0	460.0	0.0	0	600.0	7	0.0	0	0	0	0	0	0.0	0	0.0	0.0	54	0.0	0	4.5	0.0	34.9	6	

LS	TAXA	11		12		23		24		X	S.E.	REL AB%
		25	26	27	28	29	30					
1	TEXTULARIA AGGLUTINANS	0.0	0.0	0.10	0.10	0.08	0.05	0.5				
309	TEXTULARIA CONICA	0.0	0.0	1.12	0.10	0.33	0.16	2.4				
1	TROCHAMMINA ADVENA	0.0	0.0	0.0	0.0	0.05	0.05	0.4				
1	TROCHAMMINA SQUAMATA	0.0	0.0	0.0	0.0	0.01	0.01	0.1				
1	GAUDRYINA AEGUA	0.0	0.0	0.10	0.0	0.04	0.02	0.3				
1	UNIDENTIFIED: 901080803	0.0	0.0	0.51	0.0	0.08	0.06	0.5				
1	CYCLOGYRA SELSEYENSIS	0.0	0.0	0.10	0.0	0.01	0.01	0.1				
1	NODOBACULARIELLA ATLANTICA	0.0	0.10	0.0	0.0	0.01	0.01	0.1				
1	SPIROLOCULINA ATLANTICA	0.0	0.0	0.41	0.0	0.06	0.05	0.5				
1	ARTICULINA MUCRONATA	0.10	0.0	0.20	0.0	0.05	0.03	0.4				

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BENTHIC MICROINFAUNA

FORAMINIFERA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA					-	S. E.	REL AB%
		11 25	12 26	23 37	24 38	X		
1	MILIOLINELLA CIRCULARIS	0.0 0.51	0.10 1.02	1.63 0.20	0.41 0.0	0.48	0.20	3.5
1	MILIOLINELLA FICHELIANA	0.0 0.10	0.0 0.41	0.0 0.0	0.10 0.0	0.08	0.05	0.5
1	MILIOLINELLA OBLONGA	0.0 0.10	0.20 0.0	0.31 0.0	0.10 0.10	0.10	0.04	0.7
1	QUINGUELOCULINA COMPTA	0.0 0.0	0.10 0.0	0.0 0.20	0.0 0.0	0.04	0.03	0.3
1	QUINGUELOCULINA LAMARCHIANA	0.0 0.20	0.51 0.41	0.20 0.0	0.0 0.0	0.17	0.07	1.2
310 1	QUINGUELOCULINA SEMINULUM	0.0 0.0	0.10 0.0	0.10 0.0	0.0 0.0	0.03	0.02	0.2
1	QUINGUELOCULINA SP. CFY Q. POLY	0.0 0.0	0.20 0.0	0.0 0.0	0.0 0.0	0.03	0.03	0.2
1	SIGMOILINA ANTILLARUM	0.0 0.0	0.0 0.0	0.10 0.0	0.0 0.0	0.01	0.01	0.1
1	PENEROPLIS PROTEUS	0.0 0.0	0.0 0.0	1.12 0.0	0.0 0.0	0.14	0.14	1.0
1	DENTALINA CALOMORPHA	0.0 0.0	0.0 0.0	0.0 0.10	0.0 0.0	0.01	0.01	0.1
1	MARGINULINA BACHEII	0.0 0.0	0.0 0.0	0.0 0.10	0.0 0.0	0.01	0.01	0.1
1	NODOSARIA CATESBYI	0.0 0.0	0.0 0.10	0.10 0.0	0.0 0.0	0.03	0.02	0.2
1	VAGINULINOPSIS ADVENUM	0.0 0.10	0.0 0.10	0.0 0.0	0.0 0.0	0.03	0.02	0.2
1	GUTTULINA AUSTRALIS	0.0 0.0	0.0 0.0	0.51 0.0	0.10 0.0	0.08	0.06	0.5

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FORAMINIFERA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 26	23 37	24 38	- X	S.E.	REL AB%
1	GUTTULINA SP. CF. G. YABEI	0.0 0.10	0.0 0.0	0.20 0.0	0.10 0.0	0.05	0.03	0.4
1	PSEUDOPOLYMORPHINA NOVANGLIAE	0.0 0.0	0.0 0.10	0.0 0.10	0.0 0.0	0.03	0.02	0.2
1	FISSURINA ORBIGNYANA	0.0 0.0	0.0 0.0	0.0 0.10	0.0 0.0	0.01	0.01	0.1
1	OOLINA HEXAGONA	0.0 0.0	0.0 0.20	0.0 0.0	0.0 0.0	0.03	0.03	0.2
1	SPIRILLINA VIVIPARA	0.0 0.0	0.0 0.0	0.10 0.0	0.0 0.0	0.01	0.01	0.1
311	BULIMINELLA ELEGANTISSIMA	0.0 0.0	0.0 0.0	0.0 0.92	0.0 0.0	0.11	0.11	0.8
1	BOLIVINA LOWMANI	0.51 0.10	0.31 0.10	2.24 15.48	0.0 1.73	2.56	1.87	18.3
1	BOLIVINA SP. B	0.0 0.0	0.10 0.0	0.10 0.0	0.0 0.0	0.03	0.02	0.2
1	BRIZALINA SPATHULATA	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.20	0.03	0.03	0.2
1	BRIZALINA SUBAENARLENSIS VAR. M	0.0 0.0	0.0 0.0	0.0 0.10	0.0 0.0	0.01	0.01	0.1
1	RECTOBOLIVINA ADVENA	0.0 0.0	0.10 0.0	0.10 0.10	0.0 0.0	0.04	0.02	0.3
1	ISLANDIELLA SUBGLOBOSA	0.0 0.0	0.0 0.10	0.31 8.25	0.51 0.10	1.16	1.02	8.3
1	BULIMINA MARGINATA	0.0 0.0	0.0 0.0	0.0 0.10	0.0 0.0	0.01	0.01	0.1
1	GLOBOBULIMINA AURICULATA	0.0 0.0	0.0 0.0	0.0 0.20	0.0 0.0	0.03	0.03	0.2

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TRANSECT REPORT

LS	TAXA					-	S.E.	REL AB%
		11 25	12 26	23 37	24 38	X		
1	BEUSSELLA ATLANTICA	0.0 0.0	0.10 0.10	1.63 0.0	0.0 0.0	0.23	0.20	1.6
1	TRIFARINA ANGULOSA	0.20 0.41	0.61 0.10	0.92 0.41	0.10 0.0	0.34	0.11	2.5
1	TRIFARINA BRADYI	0.0 0.0	0.0 0.10	0.0 0.10	0.0 0.20	0.05	0.03	0.4
1	CANCRIS OBLONGA	0.0 0.0	0.0 0.41	0.0 0.0	0.0 0.0	0.05	0.05	0.4
1	NEOCONORBINA TERQUEMI	0.0 0.0	0.10 0.0	0.0 0.0	0.0 0.0	0.01	0.01	0.1
312	ROSALINA FLORIDANA	0.20 0.0	0.41 0.10	0.61 0.61	0.0 0.0	0.24	0.09	1.7
1	ROSALINA FLORIDENSIS	0.0 0.0	0.0 0.0	0.20 0.0	0.0 0.0	0.03	0.03	0.2
1	ROTORBINELLA LOMAENSIS	0.0 0.0	0.0 0.31	0.0 0.0	0.0 0.10	0.05	0.04	0.4
1	ROTORBINELLA ROSEA	0.0 0.0	0.0 0.10	0.0 0.0	0.0 0.0	0.01	0.01	0.1
1	EPONIDES ANTILLARM	0.0 0.0	0.0 0.10	0.0 0.0	0.0 0.0	0.01	0.01	0.1
1	POROEPONIDES LATERALIS	0.0 0.0	0.0 0.10	0.0 0.0	0.0 0.0	0.01	0.01	0.1
1	ASTERIGERINA CARINATA	0.0 0.0	0.0 0.20	0.0 0.0	0.0 0.0	0.03	0.03	0.2
1	CIBICIDES PSEUDOUNGERIANUS	0.0 0.0	0.0 0.31	0.0 0.0	0.0 0.10	0.05	0.04	0.4
1	PLANULINA EXORNA	0.0 2.65	0.0 5.40	3.26 3.36	1.63 0.0	2.04	0.70	14.6

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FORAMINIFERA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 25	12 26	23 37	24 38	- X	S.E.	REL AB%
1	PLANORBULINA MEDITERRANENSIS	0.0 0.31	0.20 2.14	3.87 0.10	0.71 0.0	0.92	0.49	6.6
1	AMMONIA BECCARII	3.46 0.0	0.20 0.0	0.20 0.0	0.0 0.0	0.48	0.43	3.5
1	BUCCELLA HANNAI	0.0 0.0	0.10 0.0	0.31 0.0	0.0 0.0	0.05	0.04	0.4
1	ELPHIDIUM ADVENUM	0.0 0.0	0.0 0.10	0.10 0.0	0.0 0.0	0.03	0.02	0.2
1	ELPHIDIUM DISCOIDALE	0.0 0.10	0.31 0.0	0.20 0.61	0.20 0.0	0.18	0.07	1.3
316 318	ELPHIDIUM EXCAVATUM FORMA CLAVA	10.29 0.0	0.71 0.0	1.94 0.0	0.0 0.0	1.62	1.26	11.6
1	ELPHIDIUM POEYANUM	0.0 0.0	0.0 0.0	0.0 0.20	0.0 0.0	0.03	0.03	0.2
1	ELPHIDIUM SP. A	0.10 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.01	0.01	0.1
1	FURSENKOINA COMPRESSA	0.0 0.0	0.0 0.0	0.0 0.20	0.0 0.0	0.03	0.03	0.2
1	FURSENKOINA MEXICANA	0.0 0.0	0.0 0.0	0.0 0.20	0.0 0.0	0.03	0.03	0.2
1	CASSIDULINA LAEVIGATA	0.0 0.20	0.0 0.31	0.0 0.0	0.0 0.0	0.06	0.04	0.5
1	CASSIDULINA LAEVIGATA VAR. CARI	0.0 0.0	0.0 0.0	0.0 0.20	0.0 0.0	0.03	0.03	0.2
1	EHRENBERGINA TRIGONA	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.10	0.01	0.01	0.1
1	NONION ARATELOUPI	0.0 0.10	0.0 0.0	0.0 0.0	0.0 0.0	0.01	0.01	0.1

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FORAMINIFERA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA					-	S. E.	REL AB%
		11 25	12 26	23 37	24 38	X		
1	NONIONELLA ATLANTICA	0.0 0.10	0.0 0.31	0.31 1.83	0.61 0.10	0.41	0.22	2.9
1	NONIONELLA TURGIDA	0.0 0.0	0.0 0.0	0.0 0.10	0.0 0.0	0.01	0.01	0.1
1	HANZAWAIA CONCENTRICA	0.0 1.43	0.10 1.43	2.55 0.71	0.81 0.0	0.88	0.32	6.3
TOTAL		14.87 7.13	4.69 16.09	25.77 34.94	5.60 2.75	13.98	4.04	100.0
DIVERSITY (H PRIME)		1.29 3.05	3.95 3.67	4.17 2.71	3.15 2.03	3.00	0.35	
DIVERSITY (J PRIME)		0.46 0.75	0.91 0.74	0.82 0.56	0.83 0.64	0.71	0.05	
NUMBER OF TAXA		7 17	20 31	34 29	14 9	69		
ABOVE COMPUTED USING SAMPLE IDS		2501    2531    2571    2611						
		2641    2681    2711    2741						

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FORAMINIFERA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

PC TC GC S LOC  
6 1 43 1 7113

SID	DATE	TIME	D/N	DURATION			TOW		SAMP VOL				WIND		CURRENT		TEMP				COND	DO	PH	SALN	P	
				UNITS	C	SD	WD	SP	D	UNITS	C	SECH	WT	SC	DI	CL	SP	DI	AIR	WAT						BT
2761	3/ 4/77	753	1	0.0	0	20.0	20.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	14.06	30	0.0	0	8.1	0.0	35.0	6
2801	3/ 4/77	502	2	0.0	0	21.0	21.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	14.43	20	0.0	0	8.1	0.0	35.1	6
2841	3/ 4/77	1315	1	0.0	0	19.5	19.5	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	17.51	55	0.0	0	7.9	0.0	36.2	6
2891	3/ 3/77	2253	2	0.0	0	43.0	43.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	16.29	20	0.0	0	6.1	0.0	36.0	6
2931	3/ 3/77	1318	1	0.0	0	226.0	226.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	8.03	30	0.0	0	4.4	0.0	35.1	6
2981	3/ 3/77	2052	2	0.0	0	536.0	536.0	0.0	0	600.0	7	0.0	0	0	0	0.0	0	0.0	6.49	40	0.0	0	4.8	0.0	35.1	0

LS	TAXA	11		12		23		24		X	S.E.	REL AB%
		35	36	35	36	35	36	35	36			
1	REOPHAX CURTUS	0.0	0.0	0.0	0.0	0.10	0.0	0.0	0.0	0.02	0.02	0.0
1	TEXTULARIA AGGLUTINANS	0.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.16	0.16	0.0
1	TEXTULARIA CANDEIANA	0.0	0.0	0.0	0.0	0.10	0.0	0.0	0.0	0.02	0.02	0.0
1	TEXTULARIA CONICA	0.0	0.0	0.0	0.0	0.20	0.0	0.0	0.0	0.03	0.03	0.0
1	KARRERIELLA BRADYI	0.0	0.0	0.0	1.73	0.0	0.0	0.0	0.0	0.29	0.29	0.1
1	UNIDENTIFIED: 901080803	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.02	0.0
1	SPIROLOCULINA ATLANTICA	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.02	0.0
1	ARTICULINA MUCRONATA	0.0	0.0	0.0	0.0	0.0	0.10	0.0	0.0	0.02	0.02	0.0
1	MILIOLINELLA CIRCULARIS	0.0	0.0	0.0	1.73	0.31	0.0	0.0	0.0	1.43	1.06	0.3
1	MILIOLINELLA OBLONGA	0.0	0.0	0.10	1.73	0.10	0.20	0.0	0.0	2.52	2.13	0.5
1	QUINGUELOCULINA COMPTA	0.0	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.03	0.03	0.0

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LS	TAXA	11 35	12 36	23	24	- X	S. E.	REL AB%
1	QUINGUELOCULINA LAMARCHIANA	0.0 0.0	0.41 0.0	0.41	0.0	0.14	0.09	0.0
1	SIGMOILINA ANTILLARUM	0.0 6.54	0.0 0.0	0.0	0.0	1.09	1.09	0.2
1	SIGMOILINA TENUIS	0.0 0.0	0.10 0.0	0.0	0.0	0.02	0.02	0.0
1	PENEROPLIS PROTEUS	0.0 0.0	0.0 0.0	0.10	0.0	0.02	0.02	0.0
1	DENTALINA COMMUNIS	0.0 0.0	0.0 1.73	0.0	0.0	0.29	0.29	0.1
316	LENTICULINA IOTA	0.0 6.54	0.0 0.0	0.0	0.0	1.09	1.09	0.2
1	GLOBULINA CARIBAEA	0.0 0.0	0.10 0.0	0.0	0.0	0.02	0.02	0.0
1	GUTTULINA AUSTRALIS	0.93 0.0	0.0 0.0	0.0	0.0	0.16	0.16	0.0
1	GUTTULINA SP. CF. G. YABEI	0.0 0.0	0.10 0.0	0.0	0.0	0.02	0.02	0.0
1	PSEUDOPOLYMORPHINA NOVANGLIAE	0.0 6.54	0.0 0.0	0.0	0.0	1.09	1.09	0.2
1	FISSURINA LACUNATA	0.0 0.0	0.0 1.73	0.0	0.0	0.29	0.29	0.1
1	FISSURINA MARGINATA	0.0 0.0	0.0 1.73	0.0	0.0	0.29	0.29	0.1
1	FISSURINA ORBIGNYANA	0.93 0.0	0.0 0.0	0.0	0.0	0.16	0.16	0.0
1	OOLINA HEXAGONA	0.0 0.0	0.0 1.73	0.0	0.0	0.29	0.29	0.1

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BENTHIC MICROINFAUNA

FORAMINIFERA DENSITY - NUMBER / SQUARE CENTIMETER

TRANSECT REPORT

LS	TAXA	11 35	12 36	23	24	- X	S.E.	REL AB%
1	OOLINA SP. A	0.0 0.0	0.0 1.73	0.0	0.0	0.29	0.29	0.1
1	ROBERTINOIDES CHARLOTTENSIS	0.0 0.0	0.0 5.18	0.0	0.0	0.86	0.86	0.2
1	BULIMINELLA ELEGANTISSIMA	0.93 19.61	0.0 0.0	0.0	0.0	3.42	3.24	0.7
1	BOLIVINA LOWMANI	32.59 1411.76	0.20 18.98	0.41	0.71	244.11	233.59	47.2
1	BOLIVINA MINIMA	0.0 0.0	0.0 0.0	0.0	0.10	0.02	0.02	0.0
317	BOLIVINA PSEUD/PUNCTATA	0.0 6.54	0.0 0.0	0.0	0.0	1.09	1.09	0.2
1	BOLIVINA SP. B	0.0 13.07	0.0 0.0	0.0	0.0	2.18	2.18	0.4
1	BRIZALINA SPATHULATA	0.0 6.54	0.0 0.0	0.0	0.0	1.09	1.09	0.2
1	BRIZALINA SUBAENARLENSIS VAR. M	0.0 307.19	0.0 0.0	0.0	0.0	51.20	51.20	9.9
1	RECTOBOLIVINA ADVENA	0.0 19.61	0.0 0.0	0.0	0.0	3.27	3.27	0.6
1	CASSIDULINOIDES BRADYI	0.0 13.07	0.0 0.0	0.0	0.0	2.18	2.18	0.4
1	ISLANDIELLA SUBGLOBOSA	5.59 209.15	0.0 13.81	0.0	0.61	38.19	34.26	7.4
1	BULIMINA MARGINATA	0.0 45.75	0.0 0.0	0.0	0.0	7.63	7.63	1.5
1	BULIMINA STRIATA VAR. MEXICANA	0.0 0.0	0.0 1.73	0.0	0.0	0.29	0.29	0.1

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TRANSECT REPORT

LS	TAXA	11 35	12 36	23	24	- X	S. E.	REL AB%
1	BEUSSELLA ATLANTICA	1.86 0.0	0.0 0.0	0.31	0.0	0.36	0.30	0.1
1	TRIFARINA ANGULOSA	18.62 58.82	0.31 0.0	0.0	0.20	12.99	9.65	2.5
1	TRIFARINA BRADYI	0.0 0.0	0.0 1.73	0.0	0.0	0.29	0.29	0.1
1	CANCRIS OBLONGA	0.0 39.22	0.0 0.0	0.0	0.0	6.54	6.54	1.3
1	ROSALINA FLORIDANA	3.72 84.97	0.41 0.0	0.20	0.0	14.88	14.03	2.9
318	ROSALINA FLORIDENSIS	0.0 6.54	0.0 0.0	0.0	0.0	1.09	1.09	0.2
1	ROTORBINELLA LOMAENSIS	1.86 6.54	0.0 0.0	0.20	0.10	1.45	1.06	0.3
1	EPONIDES ANTILLARM	0.0 0.0	0.0 0.0	0.0	0.10	0.02	0.02	0.0
1	POROEPONIDES LATERALIS	0.0 0.0	0.0 0.0	0.10	0.0	0.02	0.02	0.0
1	ASTERIGERINA CARINATA	0.0 0.0	0.0 0.0	0.10	0.0	0.02	0.02	0.0
1	CIBICIDES PSEUDOUNGERIANUS	0.0 0.0	0.0 18.98	0.0	0.0	3.16	3.16	0.6
1	PLANULINA ARIMINENSIS	0.0 0.0	0.0 1.73	0.0	0.0	0.29	0.29	0.1
1	PLANULINA EXORNA	0.93 19.61	0.41 1.73	0.10	0.61	3.90	3.15	0.8
1	PLANORBULINA MEDITERRANENSIS	0.0 6.54	0.0 0.0	0.10	0.0	1.11	1.09	0.2

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TRANSECT REPORT

LS	TAXA	11 35	12 36	23	24	- X	S.E.	REL AB%
1	AMMONIA BECCARII	147.11 6.54	0.20 0.0	0.0	0.0	25.64	24.32	5.0
1	BUCCELLA HANNAI	1.86 0.0	0.0 0.0	0.20	0.0	0.34	0.31	0.1
1	ELPHIDIUM ADVENUM	0.0 0.0	0.0 0.0	1.12	0.0	0.19	0.19	0.0
1	ELPHIDIUM DISCOIDALE	0.0 26.14	0.0 0.0	0.0	0.0	4.36	4.36	0.8
1	ELPHIDIUM EXCAVATUM FORMA CLAVA	95.90 0.0	0.41 0.0	0.61	0.10	16.17	15.95	3.1
619	ELPHIDIUM SP. A	0.0 0.0	0.10 0.0	0.0	0.10	0.03	0.02	0.0
1	FURSENKOINA COMPRESSA	0.0 19.61	0.0 0.0	0.0	0.0	3.27	3.27	0.6
1	FURSENKOINA MEXICANA	0.0 19.61	0.0 0.0	0.0	0.0	3.27	3.27	0.6
1	CASSIDULINA LAEVIGATA	0.0 169.93	0.0 3.45	0.0	0.0	28.90	28.21	5.6
1	CHILOSTOMELLA OOLINA	0.0 0.0	0.0 3.45	0.0	0.0	0.58	0.58	0.1
1	NONION ARATELOUPI	0.0 13.07	0.0 0.0	0.0	0.0	2.18	2.18	0.4
1	NONIONELLA ATLANTICA	5.59 65.36	0.0 3.45	0.0	0.10	12.42	10.63	2.4
1	HANZAWAIA CONCENTRICA	0.0 45.75	2.95 0.0	1.22	0.51	8.41	7.48	1.6
TOTAL		319.37 2679.74	6.11 88.01	6.01	3.56	517.13	435.36	100.0

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BENTHIC MICROINFAUNA

FORAMINIFERA DENSITY - NUMBER / SQUARE CENTIMETER

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LS	TAXA	11	12	23	24	- X	S.E.	REL ABS
		35	36					
DIVERSITY (H PRIME)		2.14 2.77	2.85 3.50	3.68	3.24	3.03	0.23	
DIVERSITY (J PRIME)		0.55 0.56	0.73 0.82	0.87	0.87	0.73	0.06	
NUMBER OF TAXA		15 30	15 19	19	13	66		
ABOVE COMPUTED USING SAMPLE IDS								
	2761	2801	2841	2891				
	2931	2981						

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CRUISE REPORT

LS	TAXA	1	2	3	4	- X	S.E.	REL AB%
1	SACCAMMINA ATLANTICA	0.0 0.16	0.0 0.0	0.0 0.0	0.0	0.02	0.02	0.0
1	REOPHAX CURTUS	0.02 0.0	0.0 0.0	0.0 0.02	0.0	0.00	0.00	0.0
1	REOPHAX SCORPIURUS	0.0 0.0	0.01 0.0	0.0 0.0	0.01	0.00	0.00	0.0
1	CHIBROSTOMOIDES JEFFREYSII	0.02 0.0	0.0 0.0	0.0 0.0	0.0	0.00	0.00	0.0
1	SIPHOTEXTULARIA SP. CF. S. CONC	0.02 0.0	0.0 0.0	0.0 0.0	0.0	0.00	0.00	0.0
321	TEXTULARIA AGGLUTINANS	0.15 0.04	0.10 0.08	0.20 0.16	0.07	0.11	0.02	0.1
1	TEXTULARIA CANDEIANA	0.02 0.0	0.0 0.0	0.02 0.02	0.02	0.01	0.00	0.0
1	TEXTULARIA CONICA	0.10 0.32	0.36 0.33	0.20 0.03	0.04	0.20	0.05	0.2
1	TEXTULARIA FOLIACEA VAR. OCCIDE	0.0 0.0	0.06 0.0	0.0 0.0	0.0	0.01	0.01	0.0
1	TROCHAMMINA ADVENA	0.03 0.0	0.01 0.05	0.0 0.0	0.0	0.01	0.01	0.0
1	TROCHAMMINA LOBATA	0.20 0.0	0.0 0.0	0.0 0.0	0.0	0.03	0.03	0.0
1	TROCHAMMINA SQUAMATA	0.03 0.0	0.0 0.01	0.0 0.0	0.0	0.01	0.00	0.0
1	GAUDRYINA AEGUA	0.0 0.0	0.03 0.04	0.0 0.0	0.0	0.01	0.01	0.0
1	KARRERIELLA BRADYI	0.0 0.0	0.0 0.0	0.0 0.29	0.0	0.04	0.04	0.0

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CRUISE REPORT

LS	TAXA	1	2	3	4	- X	S.E.	REL AB%
		5	6	7				
1	UNIDENTIFIED: 901080802	0.05 0.0	0.0 0.0	0.0 0.0	0.0	0.01	0.01	0.0
1	UNIDENTIFIED: 901080803	0.02 0.0	0.06 0.08	0.04 0.02	0.0	0.03	0.01	0.0
1	CYCLOGYRA PLANORBIS	0.0 0.0	0.01 0.0	0.0 0.0	0.0	0.00	0.00	0.0
1	CYCLOGYRA SELSEYENSIS	0.0 0.08	0.0 0.01	0.0 0.0	0.0	0.01	0.01	0.0
1	NODOBACULARIELLA ATLANTICA	0.02 0.03	0.03 0.01	0.0 0.0	0.0	0.01	0.00	0.0
322	SPIROLOCULINA ATLANTICA	0.07 0.0	0.01 0.06	0.02 0.02	0.0	0.03	0.01	0.0
1	WIESNERELLA AURICULATA	0.0 0.0	0.01 0.0	0.0 0.0	0.05	0.01	0.01	0.0
1	ARTICULINA MUCRONATA	0.0 0.0	0.0 0.05	0.02 0.02	0.0	0.01	0.01	0.0
1	MILIOLINELLA CIRCULARIS	0.05 0.24	0.20 0.48	0.03 1.43	0.07	0.36	0.19	0.4
1	MILIOLINELLA FICHTELIANA	0.02 0.01	0.0 0.08	0.0 0.0	0.05	0.02	0.01	0.0
1	MILIOLINELLA OBLONGA	0.08 0.09	0.10 0.10	0.02 2.52	0.0	0.42	0.35	0.5
1	PATEORIS HAUERINOIDES	0.0 0.0	0.0 0.0	0.02 0.0	0.0	0.00	0.00	0.0
1	QUINGUELOCULINA CANDEIANA	0.03 0.01	0.03 0.0	0.0 0.0	0.0	0.01	0.01	0.0
1	QUINGUELOCULINA COMPTA	0.07 0.01	0.0 0.04	0.11 0.03	0.01	0.04	0.01	0.0

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CRUISE REPORT

LS	TAXA					-	S. E.	REL
		1	2	3	4	X		ABS
1	QUINGUELOCULINA JUGOSA	0.19 0.08	0.03 0.0	0.20 0.0	0.0	0.07	0.03	0.1
1	QUINGUELOCULINA LAMARCHIANA	0.76 0.06	0.12 0.17	0.53 0.14	0.14	0.27	0.10	0.3
1	QUINGUELOCULINA POEYANA	0.02 0.0	0.0 0.0	0.0 0.0	0.0	0.00	0.00	0.0
1	QUINGUELOCULINA SEMINULUM	0.0 0.01	0.0 0.03	0.08 0.0	0.0	0.02	0.01	0.0
1	QUINGUELOCULINA SUBPOEYANA	0.0 0.0	0.0 0.0	0.02 0.0	0.0	0.00	0.00	0.0
323 1	QUINGUELOCULINA SP. CFY Q. POLY	0.0 0.0	0.0 0.03	0.0 0.0	0.0	0.00	0.00	0.0
1	QUINGUELOCULINA SP. A	0.02 0.0	0.0 0.0	0.0 0.0	0.0	0.00	0.00	0.0
1	SIGMOILINA ANTILLARUM	0.03 0.01	0.0 0.01	0.02 1.09	0.01	0.17	0.15	0.2
1	SIGMOILINA TENUIS	0.02 0.0	0.0 0.0	0.0 0.02	0.0	0.00	0.00	0.0
1	SIPHONAPTERA SABULOSA	0.02 0.0	0.0 0.0	0.0 0.0	0.0	0.00	0.00	0.0
1	PENEROPLIS PROTEUS	0.02 0.01	0.01 0.14	0.05 0.02	0.01	0.04	0.02	0.0
1	DENTALINA CALOMORPHA	0.0 0.0	0.0 0.01	0.0 0.0	0.0	0.00	0.00	0.0
1	DENTALINA COMMUNIS	0.0 0.0	0.0 0.0	0.0 0.29	0.0	0.04	0.04	0.0
1	DENTALINA FLINTII	0.03 0.01	0.0 0.0	0.0 0.0	0.0	0.01	0.00	0.0

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CRUISE REPORT

LS	TAXA					-	S. E.	REL AB%
		1	2	3	4	X		
1	LENTICULINA CALCAR	0.02 0.0	0.0 0.0	0.0 0.0	0.0	0.00	0.00	0.0
1	LENTICULINA IOTA	0.03 0.01	0.07 0.0	0.0 1.09	0.0	0.17	0.15	0.2
1	LENGTCULINA ORBICULARIS	0.08 0.0	0.0 0.0	0.0 0.0	0.0	0.01	0.01	0.0
1	MARGINULINA BACHEII	0.0 0.0	0.0 0.01	0.0 0.0	0.0	0.00	0.00	0.0
1	NODOSARIA CATESBYI	0.0 0.0	0.0 0.03	0.0 0.0	0.02	0.01	0.00	0.0
324 1	VAGINULINOPSIS ADVENUM	0.0 0.0	0.03 0.03	0.02 0.0	0.02	0.01	0.00	0.0
1	VAGINULINOPSIS LEGUMEN	0.0 0.01	0.0 0.0	0.0 0.0	0.0	0.00	0.00	0.0
1	VAGINULINOPSIS SP. CF. V. SPINI	0.02 0.0	0.0 0.0	0.0 0.0	0.0	0.00	0.00	0.0
1	GLOBULINA CARIBAEA	0.0 0.01	0.01 0.0	0.0 0.02	0.0	0.01	0.00	0.0
1	GUTTULINA AUSTRALIS	0.07 0.06	0.04 0.08	0.02 0.16	0.0	0.06	0.02	0.1
1	GUTTULINA SP. CF. G. YABEI	0.03 0.10	0.07 0.05	0.10 0.02	0.08	0.06	0.01	0.1
1	POLYMORPHINA PULCHELLA	0.0 0.01	0.03 0.0	0.0 0.0	0.0	0.01	0.00	0.0
1	PSEUDOPOLYMORPHINA NOVANGLIAE	0.05 0.12	0.07 0.03	0.0 1.09	0.01	0.20	0.15	0.2
1	WEBBINELLA CONCAVA	0.0 0.0	0.0 0.0	0.0 0.0	0.02	0.00	0.00	0.0

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LS	TAXA	1 5	2 6	3 7	4	- X	S. E.	REL AB%
1	FISSURINA LACUNATA	0.0 0.0	0.0 0.0	0.0 0.29	0.0	0.04	0.04	0.0
1	FISSURINA MARGINATA	0.0 0.0	0.06 0.0	0.0 0.29	0.0	0.05	0.04	0.1
1	FISSURINA ORBIGNYANA	0.0 0.01	0.0 0.01	0.0 0.16	0.0	0.03	0.02	0.0
1	OOLINA HEXAGONA	0.0 0.0	0.0 0.03	0.0 0.29	0.0	0.04	0.04	0.0
1	OOLINA LINEATA	0.0 0.0	0.03 0.0	0.0 0.0	0.0	0.00	0.00	0.0
325	OOLINA SP. A	0.0 0.0	0.0 0.0	0.0 0.29	0.0	0.04	0.04	0.0
1	SPIRILLINA DECORATA	0.02 0.0	0.0 0.0	0.0 0.0	0.0	0.00	0.00	0.0
1	SPIRILLINA VIVIPARA	0.0 0.0	0.0 0.01	0.0 0.0	0.0	0.00	0.00	0.0
1	HOEGLUNDINA ELEGANS	0.02 0.0	0.0 0.0	0.0 0.0	0.01	0.00	0.00	0.0
1	ROBERTINOIDES CHARLOTTENSIS	0.0 0.0	0.0 0.0	0.0 0.86	0.0	0.12	0.12	0.1
1	BULIMINELLA ELEGANTISSIMA	0.0 0.0	0.0 0.11	0.0 3.42	0.0	0.51	0.49	0.6
1	BOLIVINA ALBATROSSI	0.07 0.0	0.01 0.0	0.0 0.0	0.0	0.01	0.01	0.0
1	BOLIVINA HASTATA	0.02 0.0	0.0 0.0	0.0 0.0	0.0	0.00	0.00	0.0
1	BOLIVINA LANCEOLATA	0.02 0.0	0.0 0.0	0.0 0.0	0.0	0.00	0.00	0.0

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CRUISE REPORT

LS	TAXA	1	2	3	4	X	S.E.	REL AB%
1	BOLIVINA LIMBATA VAR. COSTATULA	0.03 0.08	0.07 0.0	0.04 0.0	0.0	0.03	0.01	0.0
1	BOLIVINA LOWMANI	4.18 0.98	3.43 2.56	0.14 244.11	0.23	36.52	34.60	40.8
1	BOLIVINA MINIMA	0.0 0.0	0.0 0.0	0.0 0.02	0.0	0.00	0.00	0.0
1	BOLIVINA PSEUD/PUNCTATA	0.32 0.0	0.01 0.0	0.0 1.09	0.0	0.20	0.15	0.2
1	BOLIVINA STRIATULA	0.03 0.0	0.0 0.0	0.0 0.0	0.0	0.00	0.00	0.0
326	BOLIVINA STRIATULA VAR. SPINATA	0.0 0.0	0.01 0.0	0.0 0.0	0.0	0.00	0.00	0.0
1	BOLIVINA TRANSLUCENS	0.02 0.0	0.03 0.0	0.0 0.0	0.0	0.01	0.00	0.0
1	BOLIVINA TRUNCATA	0.02 0.0	0.0 0.0	0.0 0.0	0.0	0.00	0.00	0.0
1	BOLIVINA SP. CT. B. PLICATA	0.0 0.0	0.0 0.0	0.0 0.0	0.01	0.00	0.00	0.0
1	BOLIVINA SP. A	0.07 0.0	0.0 0.0	0.0 0.0	0.0	0.01	0.01	0.0
1	BOLIVINA SP. B	0.02 0.0	0.06 0.03	0.0 2.18	0.0	0.33	0.31	0.4
1	BOLIVINA SP. C	0.0 0.0	0.01 0.0	0.0 0.0	0.0	0.00	0.00	0.0
1	BRIZALINA SPATHULATA	0.05 0.0	0.0 0.03	0.0 1.09	0.01	0.17	0.15	0.2
1	BRIZALINA SUBAENARLENSIS VAR. M	0.07 0.0	0.0 0.01	0.0 51.20	0.0	7.33	7.31	8.2

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

FORAMINIFERA DENSITY - NUMBER / SQUARE CENTIMETER

CRUISE REPORT

LS	TAXA	1	2	3	4	X	S. E.	REL AB%
1	RECTOBOLIVINA ADVENA	0.03 0.84	0.06 0.04	0.02 3.27	0.10	0.62	0.45	0.7
1	RECTOBOLIVINA DIMORPHA	0.02 0.0	0.0 0.0	0.0 0.0	0.0	0.00	0.00	0.0
1	CASSIDULINOIDES BRADYI	0.0 0.01	0.0 0.0	0.0 2.18	0.0	0.31	0.31	0.3
1	ISLANDIELLA SUBGLOBOSA	0.51 1.07	5.58 1.16	0.20 38.19	2.01	6.96	5.25	7.8
1	STILOSTOMELLA ANTILLEA	0.03 0.0	0.0 0.0	0.0 0.0	0.0	0.00	0.00	0.0
327	BULIMINA ACULEATA	0.0 0.0	0.0 0.0	0.0 0.0	0.01	0.00	0.00	0.0
1	BULIMINA MARGINATA	0.02 0.0	0.03 0.01	0.0 7.63	0.0	1.10	1.09	1.2
1	BULIMINA STRIATA VAR. MEXICANA	0.0 0.0	0.0 0.0	0.0 0.29	0.0	0.04	0.04	0.0
1	BULIMINA SP. A	0.02 0.0	0.0 0.0	0.0 0.0	0.0	0.00	0.00	0.0
1	GLOBOBULIMINA AURICULATA	0.0 0.0	0.0 0.03	0.0 0.0	0.0	0.00	0.00	0.0
1	PAVONINA ATLANTICA	0.0 0.0	0.0 0.0	0.02 0.0	0.0	0.00	0.00	0.0
1	BEUSSELLA ATLANTICA	0.03 1.08	0.10 0.23	0.13 0.36	0.35	0.33	0.13	0.4
1	SAGRINA PULCHELLA	0.0 0.08	0.01 0.0	0.0 0.0	0.04	0.02	0.01	0.0
1	TRIFARINA ANGULOSA	0.14 2.76	0.25 0.34	0.37 12.99	0.53	2.48	1.79	2.8

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FORAMINIFERA DENSITY - NUMBER / SQUARE CENTIMETER

CRUISE REPORT

LS	TAXA	1	2	3	4	- X	S. E.	REL AB%
1	TRIFARINA BRADYI	0.42 0.01	0.10 0.05	0.0 0.29	0.0	0.13	0.06	0.1
1	UVIGERINA AUBERIANA	0.03 0.0	0.0 0.0	0.0 0.0	0.0	0.00	0.00	0.0
1	CANCRIS OBLONGA	0.0 0.05	0.09 0.05	0.0 6.54	0.01	0.96	0.93	1.1
1	NEOCONORBINA TERQUEMI	0.0 0.03	0.10 0.01	0.02 0.0	0.0	0.02	0.01	0.0
1	ROSALINA BERTHELOTI	0.02 0.01	0.0 0.0	0.0 0.0	0.0	0.00	0.00	0.0
328 1	ROSALINA FLORIDANA	0.24 0.84	0.22 0.24	0.14 14.88	0.18	2.39	2.08	2.7
1	ROSALINA FLORIDENSIS	0.0 0.0	0.0 0.03	0.0 1.09	0.0	0.16	0.16	0.2
1	ROTORBINELLA LOMAENSIS	0.08 0.21	0.17 0.05	0.04 1.45	0.08	0.30	0.19	0.3
1	ROTORBINELLA ROSEA	0.0 0.0	0.0 0.01	0.0 0.0	0.0	0.00	0.00	0.0
1	EPONIDES ANTILLARM	0.07 0.0	0.06 0.01	0.02 0.02	0.12	0.04	0.02	0.0
1	EPONIDES TUMIDULUS	0.0 0.0	0.03 0.0	0.0 0.0	0.0	0.00	0.00	0.0
1	POROEPONIDES LATERALIS	0.07 0.01	0.09 0.01	0.02 0.02	0.01	0.03	0.01	0.0
1	GLABRATELLA LAURIEI	0.0 0.0	0.0 0.0	0.0 0.0	0.02	0.00	0.00	0.0
1	ASTERIGERINA CARINATA	0.07 0.05	0.13 0.03	0.07 0.02	0.03	0.06	0.01	0.1

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CRUISE REPORT

LS	TAXA	1	2	3	4	X	S.E.	REL AB%
1	CIBICIDES PSEUDOUNGERIANUS	0.10 0.06	0.33 0.05	0.03 3.16	0.17	0.56	0.44	0.6
1	CIBICIDES RUGOSUS	0.0 0.0	0.01 0.0	0.0 0.0	0.0	0.00	0.00	0.0
1	CIBICIDES WUELLERSTORFI	0.08 0.0	0.0 0.0	0.0 0.0	0.0	0.01	0.01	0.0
1	PLANULINA ARIMINENSIS	0.0 0.0	0.0 0.0	0.0 0.29	0.0	0.04	0.04	0.0
1	PLANULINA EXORNA	0.49 2.70	1.21 2.04	1.65 3.90	3.09	2.15	0.44	2.4
329 1	PLANORBULINA MEDITERRANENSIS	0.17 0.24	0.39 0.92	0.89 1.11	0.38	0.58	0.14	0.7
1	ACERVULINA INHAERENS	0.0 0.0	0.0 0.0	0.02 0.0	0.0	0.00	0.00	0.0
1	AMMONIA BECCARII	0.17 9.69	0.77 0.48	1.34 25.64	1.15	5.61	3.57	6.3
1	BUCCELLA HANNAI	0.07 0.0	0.01 0.05	0.0 0.34	0.04	0.07	0.05	0.1
1	ELPHIDIUM ADVENUM	0.02 0.11	0.04 0.03	0.02 0.19	0.06	0.07	0.02	0.1
1	ELPHIDIUM DISCOIDALE	0.22 1.25	0.07 0.18	0.06 4.36	0.36	0.93	0.59	1.0
1	ELPHIDIUM EXCAVATUM FORMA CLAVA	0.75 14.14	1.03 1.62	2.01 16.17	2.98	5.53	2.51	6.2
1	ELPHIDIUM POEYANUM	0.07 0.01	0.04 0.03	0.02 0.0	0.0	0.02	0.01	0.0
1	ELPHIDIUM SP. A	0.07 0.24	0.01 0.01	0.09 0.03	0.07	0.08	0.03	0.1

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BENTHIC MICROINFAUNA

FORAMINIFERA DENSITY - NUMBER / SQUARE CENTIMETER

CRUISE REPORT

LS	TAXA					-	S.E.	REL
		1	2	3	4	X		AB%
		5	6	7				
1	FURSENKOINA COMPLANATA	0.0 0.08	0.01 0.0	0.0 0.0	0.0	0.01	0.01	0.0
1	FURSENKOINA COMPRESSA	0.02 0.0	0.0 0.03	0.0 3.27	0.0	0.47	0.47	0.5
1	FURSENKOINA MEXICANA	0.03 0.01	0.0 0.03	0.0 3.27	0.0	0.48	0.47	0.5
1	FURSENKOINA PONTONI	0.0 0.01	0.03 0.0	0.0 0.0	0.0	0.01	0.00	0.0
1	FURSENKOINA PUNCTATA	0.0 0.0	0.01 0.0	0.0 0.0	0.0	0.00	0.00	0.0
330	FURSENKOINA SPINICOSTATA	0.02 0.0	0.0 0.0	0.0 0.0	0.0	0.00	0.00	0.0
1	CASSIDULINA LAEVIGATA	1.21 0.08	0.35 0.06	0.0 28.90	0.08	4.38	4.09	4.9
1	CASSIDULINA LAEVIGATA VAR. CARI	0.0 0.0	0.0 0.03	0.0 0.0	0.0	0.00	0.00	0.0
1	EHRENBERGINA TRIGONA	0.07 0.0	0.0 0.01	0.0 0.0	0.0	0.01	0.01	0.0
1	CHILOSTOMELLA OOLINA	0.0 0.0	0.0 0.0	0.0 0.58	0.0	0.08	0.08	0.1
1	NONION ARATELOUPI	0.0 0.0	0.0 0.01	0.0 2.18	0.0	0.31	0.31	0.3
1	NONIONELLA ATLANTICA	0.19 0.36	0.31 0.41	0.16 12.42	0.66	2.07	1.73	2.3
1	NONIONELLA TURGIDA	0.05 0.0	0.01 0.01	0.0 0.0	0.0	0.01	0.01	0.0
1	ANOMALINA SEMIPUNCTATA	0.0 0.0	0.0 0.0	0.0 0.0	0.07	0.01	0.01	0.0

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

FORAMINIFERA DENSITY - NUMBER / SQUARE CENTIMETER

CRUISE REPORT

LS	TAXA	1	2	3	4	X	S.E.	REL AB%
1	ANOMALINA SP. A	0.0 0.0	0.0 0.0	0.0 0.0	0.01	0.00	0.00	0.0
1	HANZAWAIA CONCENTRICA	1.26 0.38	1.16 0.88	0.89 8.41	0.94	1.99	1.07	2.2
1	MELONIS ZAANDAMI	0.03 0.0	0.06 0.0	0.0 0.0	0.0	0.01	0.01	0.0
1	MELONIS SP. A	0.02 0.0	0.0 0.0	0.0 0.0	0.0	0.00	0.00	0.0
TOTAL		14.24 39.04	18.19 13.98	10.07 517.13	14.49	89.59	71.35	100.0
331 DIVERSITY (H PRIME)		3.40 3.16	3.04 3.00	2.57 3.03	2.65	2.98	0.11	
DIVERSITY (J PRIME)		0.77 0.78	0.72 0.71	0.62 0.73	0.77	0.73	0.02	
NUMBER OF TAXA		86 55	68 69	44 66	47	144		

ABOVE COMPUTED USING SAMPLE IDS

1011	1051	1221	1171
1131	1091	1261	1301
1351	1391	1441	1491
1541	1621	1651	1691
1721	1761	1801	1831
1861	1891	1931	1971
2011	2051	2091	2141
2181	2241	2291	2331
2371	2421	2501	2531
2571	2611	2641	2681
2711	2741	2761	2801
2841	2891	2931	2981

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SECTION VI

FORAM LIVE/DEAD DATA

BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

PC SITE GC TC  
6 1 43 40

FORAM LIVE/DEAD RATIO, SAND/SILT DATA

LOCATION X Y Z	SAMPLE DATE	SAMPLE CODE	REP	SAND FR	SILT FR	NUM LIVE	NUM DEAD
1 11 3	2/ 9/77	101	1	0.611000E+02	0.800000E+00	0.200000E+02	0.440000E+03
1 12 3	2/ 9/77	105	1	0.502000E+02	0.300000E+00	0.470000E+02	0.327000E+03
1 23 3	2/11/77	122	1	0.406000E+02	0.0	0.110000E+02	0.356000E+03
1 24 3	2/11/77	117	1	0.320000E+02	0.0	0.500000E+01	0.328000E+03
1 25 3	2/10/77	113	1	0.362000E+02	0.0	0.280000E+02	0.845000E+03
1 36 3	2/10/77	109	1	0.272000E+02	0.100000E+00	0.140000E+02	0.358000E+03
2 11 3	2/12/77	126	1	0.328000E+02	0.200000E+00	0.143000E+03	0.328000E+03
2 12 3	2/12/77	130	1	0.377000E+02	0.0	0.700000E+01	0.359000E+03
2 23 3	2/13/77	135	1	0.398000E+02	0.0	0.300000E+02	0.371000E+03
2 24 3	2/13/77	139	1	0.393000E+02	0.100000E+00	0.130000E+02	0.409000E+03
2 25 3	2/14/77	144	1	0.327000E+02	0.0	0.230000E+02	0.330000E+03
2 26 3	2/14/77	149	1	0.317000E+02	0.0	0.180000E+02	0.302000E+03
2 37 3	2/15/77	154	1	0.202000E+02	0.760000E+01	0.390000E+02	0.646000E+03
3 11 3	2/17/77	162	1	0.342000E+02	0.0	0.180000E+02	0.402000E+03
3 12 3	2/17/77	165	1	0.348000E+02	0.0	0.400000E+02	0.264000E+03
3 23 3	2/17/77	169	1	0.340000E+02	0.0	0.150000E+02	0.301000E+03
3 24 3	2/17/77	172	1	0.439000E+02	0.0	0.700000E+01	0.331000E+03
3 25 3	2/18/77	176	1	0.445000E+02	0.0	0.270000E+02	0.523000E+03
3 36 3	2/18/77	180	1	0.900000E+01	0.100000E+00	0.100000E+01	0.400000E+02
4 11 3	2/20/77	183	1	0.378000E+02	0.0	0.620000E+02	0.558000E+03
4 12 3	2/20/77	186	1	0.396000E+02	0.100000E+00	0.200000E+02	0.237000E+03
4 23 3	2/24/77	189	1	0.382000E+02	0.100000E+00	0.210000E+02	0.274000E+03
4 24 3	2/24/77	193	1	0.460000E+02	0.0	0.600000E+01	0.362000E+03
4 25 3	2/23/77	197	1	0.307000E+02	0.100000E+00	0.210000E+02	0.388000E+03
4 26 3	2/23/77	201	1	0.334000E+02	0.0	0.560000E+02	0.494000E+03
4 37 3	2/23/77	205	1	0.245000E+02	0.0	0.500000E+01	0.369000E+03
5 11 3	2/21/77	209	1	0.334000E+02	0.170000E+01	0.640000E+02	0.238000E+03
5 12 3	2/21/77	214	1	0.388000E+02	0.0	0.290000E+02	0.297000E+03
5 23 3	2/25/77	218	1	0.380000E+02	0.0	0.120000E+02	0.307000E+03
5 24 3	2/25/77	224	1	0.307000E+02	0.0	0.210000E+02	0.496000E+03
5 25 3	2/26/77	229	1	0.346000E+02	0.0	0.220000E+02	0.300000E+03
5 26 3	2/26/77	233	1	0.400000E+02	0.0	0.100000E+02	0.309000E+03
5 27 3	2/26/77	237	1	0.456000E+02	0.0	0.240000E+02	0.305000E+03
5 38 3	2/27/77	242	1	0.305000E+02	0.100000E+00	0.780000E+02	0.863000E+03
6 11 3	2/28/77	250	1	0.327000E+02	0.200000E+00	0.300000E+02	0.290000E+03
6 12 3	2/28/77	253	1	0.413000E+02	0.100000E+00	0.100000E+02	0.360000E+03

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BLM OCS/SABP

WINTER CRUISE 1977

BENTHIC MICROINFAUNA

PC SITE GC TC  
6 1 43 40

FORAM LIVE/DEAD RATIO, SAND/SILT DATA

LOCATION			SAMPLE		SAMPLE		SAND FR	SILT FR	NUM LIVE	NUM DEAD
X	Y	Z	DATE	CODE	REP					
6	23	3	2/28/77	257	1		0.344000E+02	0.0	0.390000E+02	0.273000E+03
6	24	3	3/ 1/77	261	1		0.364000E+02	0.0	0.170000E+02	0.433000E+03
6	25	3	3/ 1/77	264	1		0.342000E+02	0.0	0.170000E+02	0.408000E+03
6	26	3	3/ 1/77	268	1		0.330000E+02	0.0	0.260000E+02	0.509000E+03
6	37	3	3/ 1/77	271	1		0.140000E+02	0.300000E+01	0.290000E+02	0.374000E+03
6	38	3	3/ 2/77	274	1		0.141000E+02	0.200000E+01	0.900000E+01	0.301000E+03
7	11	3	3/ 4/77	276	1		0.228000E+02	0.350000E+01	0.600000E+02	0.342000E+03
7	12	3	3/ 4/77	280	1		0.232000E+02	0.100000E+00	0.140000E+02	0.318000E+03
7	23	3	3/ 4/77	284	1		0.377000E+02	0.0	0.310000E+02	0.411000E+03
7	24	3	3/ 3/77	289	1		0.345000E+02	0.100000E+00	0.220000E+02	0.609000E+03
7	35	3	3/ 3/77	293	1		0.110000E+02	0.590000E+01	0.580000E+02	0.101500E+04
7	36	3	3/ 3/77	298	1		0.920000E+01	0.610000E+01	0.170000E+02	0.288000E+03

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